

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/08/2025

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	78.64	78.44	59.07	74.20	87.35	99.06	117.48	156.26	140.75	166.27	154.58	142.74	153.11	165.75	170.58	185.98	253.55	271.73	248.66	225.70	229.65	202.13	190.71	179.47
24138	2.84	2.92	2.20	2.60	2.31	2.87	4.25	5.54	5.05	6.83	7.63	7.15	7.91	8.71	8.51	9.36	12.36	14.59	13.08	12.10	12.41	11.20	8.86	7.37
	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	-0.16	-2.27	-0.07
74TH STREET_GT_1	78.76	78.52	59.12	74.28	87.45	99.21	117.69	156.55	141.03	166.56	154.80	142.85	153.24	165.88	170.76	186.20	253.81	272.08	249.09	226.09	230.01	202.48	191.01	179.68
24260	2.96	3.01	2.26	2.68	2.42	3.02	4.46	5.83	5.33	7.12	7.85	7.26	8.03	8.84	8.68	9.58	12.62	14.93	13.51	12.49	12.77	11.55	9.16	7.58
	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	0.00	0.00	0.00	0.00	-0.16	-2.27	-0.07
74TH STREET_GT_2	78.76	78.52	59.12	74.28	87.45	99.21	117.69	156.55	141.03	166.56	154.80	142.85	153.24	165.88	170.76	186.20	253.81	272.08	249.09	226.09	230.01	202.48	191.01	179.68
24261	2.96	3.01	2.26	2.68	2.42	3.02	4.46	5.83	5.33	7.12	7.85	7.26	8.03	8.84	8.68	9.58	12.62	14.93	13.51	12.49	12.77	11.55	9.16	7.58
	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	0.00	0.00	0.00	0.00	-0.16	-2.27	-0.07
ADK HUDSON___FALLS	81.70	81.49	61.37	77.24	91.66	104.02	123.36	164.01	146.50	171.30	157.87	145.15	155.68	168.73	175.11	191.49	262.52	279.21	256.16	232.93	237.59	209.07	211.79	187.58
24011	5.89	5.98	4.51	5.64	6.62	7.84	10.13	13.30	10.81	11.85	10.92	9.56	10.48	11.69	13.04	14.87	21.33	22.07	20.59	19.33	20.35	17.14	16.16	15.05
	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	-1.16	-16.04	-0.49
ADK RESOURCE___RCVRY	82.34	82.12	61.86	77.81	92.37	104.97	124.69	165.74	147.80	172.50	159.11	146.08	156.87	170.27	177.07	193.60	266.02	282.42	259.29	235.95	240.78	211.24	213.40	189.37
23798	6.54	6.61	4.99	6.21	7.33	8.79	11.46	15.02	12.10	13.06	12.16	10.49	11.67	13.23	14.99	16.98	24.84	25.27	23.72	22.36	23.54	19.34	18.08	16.85
	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	-1.13	-15.73	-0.48
ADK S GLENS___FALLS	81.70	81.49	61.37	77.24	91.66	104.02	123.36	164.01	146.50	171.30	157.87	145.15	155.68	168.73	175.11	191.49	262.52	279.21	256.16	232.93	237.59	209.07	211.79	187.58
24028	5.89	5.98	4.51	5.64	6.62	7.84	10.13	13.30	10.81	11.85	10.92	9.56	10.48	11.69	13.04	14.87	21.33	22.07	20.59	19.33	20.35	17.14	16.16	15.05
	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	-1.16	-16.04	-0.49
ADK_NYS___DAM	80.13	79.99	60.27	75.83	89.79	101.29	119.62	158.81	142.22	167.14	154.32	141.95	152.15	164.93	170.52	185.70	252.59	267.48	245.58	223.45	227.81	202.94	214.39	182.44
23527	4.32	4.47	3.41	4.23	4.75	5.10	6.40	8.09	6.52	7.70	7.37	6.37	6.95	7.89	8.45	9.07	11.40	10.34	10.00	9.85	10.58	10.41	10.37	9.65
	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	-1.76	-24.44	-0.75
AIR_PRODUCTS___DRP	77.88	77.76	58.60	73.78	87.27	98.25	115.65	153.63	137.88	162.18	149.48	138.06	147.47	159.31	163.43	177.70	241.60	257.14	235.64	214.12	218.27	190.84	155.46	173.23
24190	2.08	2.24	1.74	2.18	2.23	2.06	2.43	2.91	2.19	2.74	2.53	2.48	2.27	2.27	1.35	1.08	0.42	-0.01	0.06	0.52	1.03	1.96	2.13	2.00
	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	1.89	26.25	0.80
AKWESSNE_115KV_BK	77.35	76.91	57.76	72.56	86.50	97.58	114.08	150.73	135.70	159.35	146.78	135.38	145.30	157.11	162.12	176.65	241.55	256.50	234.88	212.66	216.08	189.58	178.84	171.59
355683	1.54	1.40	0.90	0.96	1.46	1.39	0.85	0.01	0.00	-0.09	-0.17	-0.20	0.10	0.07	0.04	0.03	0.36	-0.64	-0.69	-0.94	-1.16	-1.19	-0.75	-0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	78.75	78.65	59.28	74.67	88.43	99.58	117.38	155.97	139.64	163.16	150.11	138.46	148.02	160.14	165.29	181.05	247.22	263.17	241.08	218.95	222.99	194.78	160.03	176.87
323833	2.94	3.14	2.42	3.07	3.40	3.40	4.15	5.25	3.94	3.72	3.16	2.87	2.82	3.10	3.22	4.43	6.03	6.03	5.50	5.36	5.75	5.84	5.90	5.62
	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	1.83	25.45	0.78
ALBANY_2_SOLAR	78.72	78.64	59.26	74.66	88.41	99.55	117.34	155.91	139.62	163.14	150.06	138.42	148.00	160.12	165.25	180.98	247.10	263.05	241.04	218.83	222.94	194.72	159.97	176.86
323834	2.91	3.13	2.40	3.06	3.37	3.36	4.11	5.20	3.92	3.69	3.11	2.83	2.80	3.08	3.18	4.35	5.91	5.91	5.46	5.23	5.70	5.78	5.79	5.60
	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	1.83	25.41	0.78
ALBANY___1	77.88	77.76	58.60	73.78	87.27	98.25	115.65	153.63	137.88	162.18	149.48	138.06	147.47	159.31	163.43	177.70	241.60	257.14	235.64	214.12	218.27	190.84	155.46	173.23
23571	2.08	2.24	1.74	2.18	2.23	2.06	2.43	2.91	2.19	2.74	2.53	2.48	2.27	2.27	1.35	1.08	0.42	-0.01	0.06	0.52	1.03	1.96	2.13	2.00
	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	1.89	26.25	0.80

ALBANY___2 23572	77.88 2.08 0.00	77.76 2.24 0.00	58.60 1.74 0.00	73.78 2.18 0.00	87.27 2.23 0.00	98.25 2.06 0.00	115.65 2.43 0.00	153.63 2.91 0.00	137.88 2.19 0.00	162.18 2.74 0.00	149.48 2.53 0.00	138.06 2.48 0.00	147.47 2.27 0.00	159.31 2.27 0.00	163.43 1.35 0.00	177.70 1.08 0.00	241.60 0.42 0.00	257.14 -0.01 0.00	235.64 0.06 0.00	214.12 0.52 0.00	218.27 1.03 0.00	190.84 1.96 1.89	155.46 2.13 26.25	173.23 2.00 0.80
ALBANY___3 23573	77.88 2.08 0.00	77.76 2.24 0.00	58.60 1.74 0.00	73.78 2.18 0.00	87.27 2.23 0.00	98.25 2.06 0.00	115.65 2.43 0.00	153.63 2.91 0.00	137.88 2.19 0.00	162.18 2.74 0.00	149.48 2.53 0.00	138.06 2.48 0.00	147.47 2.27 0.00	159.31 2.27 0.00	163.43 1.35 0.00	177.70 1.08 0.00	241.60 0.42 0.00	257.14 -0.01 0.00	235.64 0.06 0.00	214.12 0.52 0.00	218.27 1.03 0.00	190.84 1.96 1.89	155.46 2.13 26.25	173.23 2.00 0.80
ALBANY___4 23574	77.88 2.08 0.00	77.76 2.24 0.00	58.60 1.74 0.00	73.78 2.18 0.00	87.27 2.23 0.00	98.25 2.06 0.00	115.65 2.43 0.00	153.63 2.91 0.00	137.88 2.19 0.00	162.18 2.74 0.00	149.48 2.53 0.00	138.06 2.48 0.00	147.47 2.27 0.00	159.31 2.27 0.00	163.43 1.35 0.00	177.70 1.08 0.00	241.60 0.42 0.00	257.14 -0.01 0.00	235.64 0.06 0.00	214.12 0.52 0.00	218.27 1.03 0.00	190.84 1.96 1.89	155.46 2.13 26.25	173.23 2.00 0.80
ALBANY___LFGE 323615	78.53 2.73 0.00	78.41 2.89 0.00	59.08 2.21 0.00	74.39 2.79 0.00	88.01 2.98 0.00	99.19 3.00 0.00	116.83 3.61 0.00	155.28 4.56 0.00	139.38 3.68 0.00	163.98 4.54 0.00	151.15 4.20 0.00	139.57 3.99 0.00	149.20 4.00 0.00	161.14 4.10 0.00	165.49 3.42 0.00	179.96 3.34 0.00	244.87 3.68 0.00	260.61 3.47 0.00	238.87 3.29 0.00	217.01 3.41 0.00	221.17 3.93 0.00	195.07 4.41 0.11	182.48 4.37 1.48	176.08 4.09 0.05
ALCOA_PA_115KV_PL-6C 55860	77.67 1.86 0.00	77.24 1.72 0.00	58.00 1.14 0.00	72.89 1.29 0.00	86.87 1.84 0.00	98.10 1.92 0.00	114.67 1.44 0.00	152.78 2.06 0.00	137.94 2.24 0.00	161.91 2.47 0.00	149.11 2.16 0.00	137.51 1.92 0.00	147.61 2.41 0.00	159.53 2.49 0.00	164.52 2.45 0.00	179.30 2.68 0.00	245.11 3.93 0.00	260.38 3.24 0.00	238.44 2.86 0.00	215.93 2.33 0.00	219.36 2.12 0.00	192.41 1.64 0.00	181.62 2.04 0.00	174.34 2.31 0.00
ALCOA_RYNLDS___DRP 24188	77.67 1.86 0.00	77.24 1.72 0.00	58.00 1.14 0.00	72.89 1.29 0.00	86.87 1.84 0.00	98.10 1.92 0.00	114.67 1.44 0.00	152.78 2.06 0.00	137.94 2.24 0.00	161.91 2.47 0.00	149.11 2.16 0.00	137.51 1.92 0.00	147.61 2.41 0.00	159.53 2.49 0.00	164.52 2.45 0.00	179.30 2.68 0.00	245.11 3.93 0.00	260.38 3.24 0.00	238.44 2.86 0.00	215.93 2.33 0.00	219.36 2.12 0.00	192.41 1.64 0.00	181.62 2.04 0.00	174.34 2.31 0.00
ALCOA___DSASP 323711	77.67 1.86 0.00	77.24 1.72 0.00	58.00 1.14 0.00	72.89 1.29 0.00	86.87 1.84 0.00	98.10 1.92 0.00	114.67 1.44 0.00	152.78 2.06 0.00	137.94 2.24 0.00	161.91 2.47 0.00	149.11 2.16 0.00	137.51 1.92 0.00	147.61 2.41 0.00	159.53 2.49 0.00	164.52 2.45 0.00	179.30 2.68 0.00	245.11 3.93 0.00	260.38 3.24 0.00	238.44 2.86 0.00	215.93 2.33 0.00	219.36 2.12 0.00	192.41 1.64 0.00	181.62 2.04 0.00	174.34 2.31 0.00
ALLEGHENY___COGEN 23514	67.83 -7.98 0.00	67.42 -8.10 0.00	50.92 -5.94 0.00	64.63 -6.97 0.00	77.97 -7.07 0.00	89.92 -6.27 0.00	104.92 -8.31 0.00	140.28 -10.43 0.00	126.36 -9.34 0.00	146.74 -12.70 0.00	132.06 -14.89 0.00	121.25 -14.33 0.00	129.17 -16.03 0.00	139.70 -17.34 0.00	145.92 -16.15 0.00	161.91 -15.14 -0.42	228.83 -14.22 -1.85	248.49 -12.08 -3.43	223.94 -11.64 0.00	202.57 -11.03 0.00	205.26 -11.98 0.00	178.41 -12.36 0.00	166.47 -13.11 0.00	160.98 -12.68 -1.62
ALTAMONT_115KV_TB 2 55880	77.52 1.72 0.00	77.43 1.91 0.00	58.34 1.48 0.00	73.49 1.88 0.00	86.90 1.87 0.00	97.98 1.80 0.00	115.50 2.27 0.00	153.52 2.80 0.00	137.91 2.21 0.00	162.10 2.66 0.00	149.49 2.54 0.00	137.95 2.37 0.00	147.55 2.35 0.00	159.55 2.51 0.00	164.40 2.32 0.00	179.06 2.43 0.00	243.71 2.52 0.00	259.68 2.54 0.00	237.99 2.42 0.00	216.11 2.51 0.00	220.15 2.92 0.00	192.81 3.25 1.21	166.07 3.25 16.77	174.59 3.07 0.51
ALTONA_WT_PWR 323606	77.48 1.68 0.00	77.26 1.74 0.00	57.75 0.89 0.00	71.70 0.09 0.00	85.44 0.40 0.00	95.94 -0.25 0.00	112.19 -1.04 0.00	150.70 -0.02 0.00	137.00 1.30 0.00	161.42 1.98 0.00	149.03 2.08 0.00	137.68 2.10 0.00	148.22 3.02 0.00	160.49 3.46 0.00	165.88 3.81 0.00	180.50 3.88 0.00	246.78 5.59 0.00	261.56 4.42 0.00	239.15 3.57 0.00	216.28 2.68 0.00	218.84 1.60 0.00	191.81 1.04 0.00	181.44 1.86 0.00	174.22 2.18 0.00
AMERICAN_REF_FUEL 24010	67.75 -8.05 0.00	67.24 -8.28 0.00	50.78 -6.08 0.00	64.50 -7.10 0.00	78.42 -6.61 0.00	90.02 -6.16 0.00	103.16 -10.06 0.00	136.85 -13.86 0.00	123.75 -11.94 0.00	145.51 -13.93 0.00	132.84 -14.10 0.00	123.33 -12.26 0.00	132.04 -13.16 0.00	142.61 -14.43 0.00	147.18 -14.90 0.00	157.70 -17.10 1.83	212.78 -20.40 8.00	221.66 -20.68 14.80	214.58 -21.00 0.00	193.28 -20.32 0.00	195.52 -21.72 0.00	169.57 -21.19 0.00	161.17 -18.41 0.00	150.57 -14.48 6.99
ARKWRIGHT___SUMMIT_WT_PWR 323751	68.76 -7.04 0.00	68.76 -6.75 0.00	51.84 -5.02 0.00	65.91 -5.69 0.00	80.09 -4.94 0.00	93.13 -3.05 0.00	108.55 -4.68 0.00	144.33 -6.39 0.00	131.21 -4.48 0.00	154.98 -4.46 0.00	141.69 -5.26 0.00	131.79 -3.80 0.00	140.42 -4.78 0.00	151.79 -5.25 0.00	156.84 -5.23 0.00	168.50 -5.79 2.33	226.72 -4.24 10.22	235.40 -2.84 18.91	231.62 -3.95 0.00	208.95 -4.65 0.00	212.05 -5.19 0.00	182.35 -8.42 0.00	171.16 -8.43 0.00	156.92 -6.19 8.93
ARTHUR KILL_GT_1 23520	78.96 3.16 0.00	78.81 3.29 0.00	59.31 2.45 0.00	74.48 2.88 0.00	87.35 2.31 0.00	98.80 2.62 0.00	117.02 3.79 0.00	153.70 2.98 0.00	138.32 2.62 0.00	163.24 3.80 0.00	151.94 4.99 0.00	140.15 4.56 0.00	150.39 5.19 0.00	162.64 5.60 0.00	167.13 5.05 0.00	182.46 5.84 0.00	248.77 7.58 0.00	267.03 9.89 0.00	244.29 8.71 0.00	221.92 8.32 0.00	226.82 9.59 0.00	199.67 8.74 -0.16	188.45 6.60 -2.27	177.49 5.38 -0.07
ARTHUR_KILL_2 23512	78.75 2.94 0.00	78.59 3.07 0.00	59.14 2.28 0.00	74.28 2.68 0.00	87.09 2.06 0.00	98.48 2.30 0.00	116.62 3.39 0.00	153.11 2.40 0.00	137.85 2.15 0.00	162.68 3.24 0.00	151.48 4.53 0.00	139.67 4.09 0.00	149.90 4.70 0.00	162.09 5.05 0.00	166.60 4.52 0.00	181.79 5.18 0.00	247.81 6.62 0.00	265.99 8.85 0.00	243.46 7.88 0.00	221.10 7.50 0.00	226.03 8.79 0.00	199.01 8.08 -0.16	187.85 6.00 -2.27	176.92 4.81 -0.07
ARTHUR_KILL_3 23513	77.78 1.98 0.00	77.58 2.06 0.00	58.39 1.53 0.00	73.35 1.75 0.00	86.34 1.31 0.00	97.89 1.71 0.00	116.07 2.85 0.00	154.50 3.78 0.00	139.10 3.40 0.00	164.22 4.78 0.00	152.65 5.70 0.00	140.86 5.27 0.00	151.16 5.96 0.00	163.54 6.50 0.00	168.38 6.31 0.00	183.61 6.99 0.00	250.22 9.03 0.00	268.27 11.13 0.00	245.59 10.01 0.00	223.01 9.41 0.00	226.90 9.66 0.00	199.77 8.83 -0.16	188.51 6.66 -2.27	177.35 5.24 -0.07

ARTHUR_KILL_COGEN 323718	78.96 3.16 0.00	78.80 3.29 0.00	59.31 2.45 0.00	74.48 2.88 0.00	87.35 2.31 0.00	98.79 2.61 0.00	117.01 3.78 0.00	153.64 2.93 0.00	138.30 2.60 0.00	163.22 3.78 0.00	151.93 4.98 0.00	140.12 4.53 0.00	150.39 5.19 0.00	162.61 5.57 0.00	167.11 5.04 0.00	182.43 5.81 0.00	248.69 7.50 0.00	267.05 9.91 0.00	244.30 8.73 0.00	221.92 8.32 0.00	226.84 9.60 0.00	199.67 8.74 -0.16	188.46 6.61 -2.27	177.52 5.41 -0.07
ASHOKAN____ 23654	79.95 4.15 0.00	79.83 4.32 0.00	60.16 3.30 0.00	75.80 4.20 0.00	89.78 4.74 0.00	101.64 5.46 0.00	120.60 7.37 0.00	161.04 10.32 0.00	144.52 8.82 0.00	168.91 9.47 0.00	155.77 8.82 0.00	143.05 7.47 0.00	153.23 8.03 0.00	166.05 9.01 0.00	171.39 9.32 0.00	188.29 11.67 0.00	257.53 16.34 0.00	275.71 18.57 0.00	253.08 17.51 0.00	229.69 16.09 0.00	233.60 16.36 0.00	204.03 14.60 1.34	173.94 12.98 18.62	183.25 11.78 0.57
ASTORIA_EAST_ENERGY_CC1 323581	78.02 2.22 0.00	77.64 2.13 0.00	58.45 1.59 0.00	73.36 1.76 0.00	86.26 1.22 0.00	97.69 1.52 0.01	104.99 2.79 11.02	152.46 2.80 1.06	138.33 2.64 0.01	163.28 3.84 0.01	152.50 5.55 0.00	141.04 5.46 0.00	151.36 6.16 0.00	164.21 7.17 0.00	168.57 6.50 0.00	184.00 7.38 0.00	250.58 9.39 0.00	269.13 11.99 0.00	246.38 10.80 0.00	223.64 10.04 0.00	227.58 10.34 0.00	200.53 9.60 -0.16	189.09 7.24 -2.27	178.18 6.07 -0.07
ASTORIA_EAST_ENERGY_CC2 323582	78.01 2.21 0.00	77.64 2.13 0.00	58.44 1.58 0.00	73.36 1.76 0.00	86.25 1.21 0.00	97.69 1.52 0.01	104.99 2.79 11.02	152.46 2.80 1.06	138.33 2.64 0.01	163.28 3.84 0.01	152.50 5.55 0.00	141.04 5.46 0.00	151.36 6.16 0.00	164.21 7.17 0.00	168.57 6.50 0.00	184.00 7.38 0.00	250.58 9.39 0.00	269.13 11.99 0.00	246.38 10.80 0.00	223.64 10.04 0.00	227.58 10.34 0.00	200.53 9.60 -0.16	189.09 7.24 -2.27	178.21 6.10 -0.07
ASTORIA_GT2_1 24094	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.25 1.21 0.00	97.74 1.56 0.01	105.09 2.88 11.02	152.71 3.05 1.06	138.40 2.71 0.01	163.46 4.02 0.01	152.58 5.63 0.00	141.15 5.57 0.00	151.49 6.29 0.00	164.38 7.34 0.00	168.72 6.64 0.00	184.12 7.50 0.00	250.76 9.58 0.00	269.20 12.06 0.00	246.53 10.95 0.00	223.76 10.16 0.00	227.69 10.45 0.00	200.56 9.63 -0.16	189.12 7.27 -2.27	178.28 6.18 -0.07
ASTORIA_GT2_2 24095	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.25 1.21 0.00	97.74 1.56 0.01	105.09 2.88 11.02	152.71 3.05 1.06	138.40 2.71 0.01	163.46 4.02 0.01	152.58 5.63 0.00	141.15 5.57 0.00	151.49 6.29 0.00	164.38 7.34 0.00	168.72 6.64 0.00	184.12 7.50 0.00	250.76 9.58 0.00	269.20 12.06 0.00	246.53 10.95 0.00	223.76 10.16 0.00	227.69 10.45 0.00	200.56 9.63 -0.16	189.12 7.27 -2.27	178.28 6.18 -0.07
ASTORIA_GT2_3 24096	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.25 1.21 0.00	97.74 1.56 0.01	105.09 2.88 11.02	152.71 3.05 1.06	138.40 2.71 0.01	163.46 4.02 0.01	152.58 5.63 0.00	141.15 5.57 0.00	151.49 6.29 0.00	164.38 7.34 0.00	168.72 6.64 0.00	184.12 7.50 0.00	250.76 9.58 0.00	269.20 12.06 0.00	246.53 10.95 0.00	223.76 10.16 0.00	227.69 10.45 0.00	200.56 9.63 -0.16	189.12 7.27 -2.27	178.28 6.18 -0.07
ASTORIA_GT2_4 24097	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.25 1.21 0.00	97.74 1.56 0.01	105.09 2.88 11.02	152.71 3.05 1.06	138.40 2.71 0.01	163.46 4.02 0.01	152.58 5.63 0.00	141.15 5.57 0.00	151.49 6.29 0.00	164.38 7.34 0.00	168.72 6.64 0.00	184.12 7.50 0.00	250.76 9.58 0.00	269.20 12.06 0.00	246.53 10.95 0.00	223.76 10.16 0.00	227.69 10.45 0.00	200.56 9.63 -0.16	189.12 7.27 -2.27	178.28 6.18 -0.07
ASTORIA_GT3_1 24098	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.25 1.21 0.00	97.74 1.56 0.01	105.09 2.88 11.02	152.71 3.05 1.06	138.40 2.71 0.01	163.46 4.02 0.01	152.58 5.63 0.00	141.15 5.57 0.00	151.49 6.29 0.00	164.38 7.34 0.00	168.72 6.64 0.00	184.12 7.50 0.00	250.76 9.58 0.00	269.20 12.06 0.00	246.53 10.95 0.00	223.76 10.16 0.00	227.69 10.45 0.00	200.56 9.63 -0.16	189.12 7.27 -2.27	178.28 6.18 -0.07
ASTORIA_GT3_2 24099	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.25 1.21 0.00	97.74 1.56 0.01	105.09 2.88 11.02	152.71 3.05 1.06	138.40 2.71 0.01	163.46 4.02 0.01	152.58 5.63 0.00	141.15 5.57 0.00	151.49 6.29 0.00	164.38 7.34 0.00	168.72 6.64 0.00	184.12 7.50 0.00	250.76 9.58 0.00	269.20 12.06 0.00	246.53 10.95 0.00	223.76 10.16 0.00	227.69 10.45 0.00	200.56 9.63 -0.16	189.12 7.27 -2.27	178.28 6.18 -0.07
ASTORIA_GT3_3 24100	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.25 1.21 0.00	97.74 1.56 0.01	105.09 2.88 11.02	152.71 3.05 1.06	138.40 2.71 0.01	163.46 4.02 0.01	152.58 5.63 0.00	141.15 5.57 0.00	151.49 6.29 0.00	164.38 7.34 0.00	168.72 6.64 0.00	184.12 7.50 0.00	250.76 9.58 0.00	269.20 12.06 0.00	246.53 10.95 0.00	223.76 10.16 0.00	227.69 10.45 0.00	200.56 9.63 -0.16	189.12 7.27 -2.27	178.28 6.18 -0.07
ASTORIA_GT3_4 24101	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.25 1.21 0.00	97.74 1.56 0.01	105.09 2.88 11.02	152.71 3.05 1.06	138.40 2.71 0.01	163.46 4.02 0.01	152.58 5.63 0.00	141.15 5.57 0.00	151.49 6.29 0.00	164.38 7.34 0.00	168.72 6.64 0.00	184.12 7.50 0.00	250.76 9.58 0.00	269.20 12.06 0.00	246.53 10.95 0.00	223.76 10.16 0.00	227.69 10.45 0.00	200.56 9.63 -0.16	189.12 7.27 -2.27	178.28 6.18 -0.07
ASTORIA_GT4_1 24102	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.25 1.21 0.00	97.74 1.56 0.01	105.09 2.88 11.02	152.71 3.05 1.06	138.40 2.71 0.01	163.46 4.02 0.01	152.58 5.63 0.00	141.15 5.57 0.00	151.49 6.29 0.00	164.38 7.34 0.00	168.72 6.64 0.00	184.12 7.50 0.00	250.76 9.58 0.00	269.20 12.06 0.00	246.53 10.95 0.00	223.76 10.16 0.00	227.69 10.45 0.00	200.56 9.63 -0.16	189.12 7.27 -2.27	178.28 6.18 -0.07
ASTORIA_GT4_2 24103	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.25 1.21 0.00	97.74 1.56 0.01	105.09 2.88 11.02	152.71 3.05 1.06	138.40 2.71 0.01	163.46 4.02 0.01	152.58 5.63 0.00	141.15 5.57 0.00	151.49 6.29 0.00	164.38 7.34 0.00	168.72 6.64 0.00	184.12 7.50 0.00	250.76 9.58 0.00	269.20 12.06 0.00	246.53 10.95 0.00	223.76 10.16 0.00	227.69 10.45 0.00	200.56 9.63 -0.16	189.12 7.27 -2.27	178.28 6.18 -0.07
ASTORIA_GT4_3 24104	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.25 1.21 0.00	97.74 1.56 0.01	105.09 2.88 11.02	152.71 3.05 1.06	138.40 2.71 0.01	163.46 4.02 0.01	152.58 5.63 0.00	141.15 5.57 0.00	151.49 6.29 0.00	164.38 7.34 0.00	168.72 6.64 0.00	184.12 7.50 0.00	250.76 9.58 0.00	269.20 12.06 0.00	246.53 10.95 0.00	223.76 10.16 0.00	227.69 10.45 0.00	200.56 9.63 -0.16	189.12 7.27 -2.27	178.28 6.18 -0.07

ASTORIA_GT4_4 24105	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.25 1.21 0.00	97.74 1.56 0.01	105.09 2.88 11.02	152.71 3.05 1.06	138.40 2.71 0.01	163.46 4.02 0.01	152.58 5.63 0.00	141.15 5.57 0.00	151.49 6.29 0.00	164.38 7.34 0.00	168.72 6.64 0.00	184.12 7.50 0.00	250.76 9.58 0.00	269.20 12.06 0.00	246.53 10.95 0.00	223.76 10.16 0.00	227.69 10.45 0.00	200.56 9.63 -0.16	189.12 7.27 -2.27	178.28 6.18 -0.07
ASTORIA_GT_1 23523	78.15 2.34 0.00	77.78 2.27 0.00	58.55 1.69 0.00	73.49 1.89 0.00	86.39 1.36 0.00	97.91 1.73 0.01	105.31 3.11 11.02	153.02 3.36 1.06	138.70 3.01 0.01	163.84 4.40 0.01	152.94 5.99 0.00	141.49 5.91 0.00	151.82 6.62 0.00	164.78 7.74 0.00	169.11 7.04 0.00	184.56 7.94 0.00	251.43 10.24 0.00	269.93 12.79 0.00	247.14 11.56 0.00	224.30 10.69 0.00	228.21 10.98 0.00	201.04 10.10 -0.16	189.53 7.67 -2.27	178.67 6.56 -0.07
ASTORIA_GT_10 24110	78.24 2.44 0.00	78.06 2.54 0.00	58.79 1.93 0.00	73.79 2.19 0.00	86.73 1.69 0.00	98.32 2.14 0.00	116.68 3.46 0.00	154.89 4.17 0.00	139.46 3.76 0.00	164.63 5.18 0.00	153.31 6.36 0.00	141.42 5.83 0.00	151.76 6.56 0.00	164.31 7.27 0.00	168.83 6.75 0.00	184.19 7.57 0.00	250.92 9.73 0.00	268.93 11.79 0.00	246.32 10.74 0.00	223.65 10.05 0.00	227.60 10.36 0.00	200.39 9.45 -0.16	189.08 7.23 -2.27	177.92 5.81 -0.07
ASTORIA_GT_11 24225	78.24 2.44 0.00	78.06 2.54 0.00	58.79 1.93 0.00	73.79 2.19 0.00	86.73 1.69 0.00	98.32 2.14 0.00	116.68 3.46 0.00	154.89 4.17 0.00	139.46 3.76 0.00	164.63 5.18 0.00	153.31 6.36 0.00	141.42 5.83 0.00	151.76 6.56 0.00	164.31 7.27 0.00	168.83 6.75 0.00	184.19 7.57 0.00	250.92 9.73 0.00	268.93 11.79 0.00	246.32 10.74 0.00	223.65 10.05 0.00	227.60 10.36 0.00	200.39 9.45 -0.16	189.08 7.23 -2.27	177.92 5.81 -0.07
ASTORIA_GT_12 24226	78.24 2.44 0.00	78.06 2.54 0.00	58.79 1.93 0.00	73.79 2.19 0.00	86.73 1.69 0.00	98.32 2.14 0.00	116.68 3.46 0.00	154.89 4.17 0.00	139.46 3.76 0.00	164.63 5.18 0.00	153.31 6.36 0.00	141.42 5.83 0.00	151.76 6.56 0.00	164.31 7.27 0.00	168.83 6.75 0.00	184.19 7.57 0.00	250.92 9.73 0.00	268.93 11.79 0.00	246.32 10.74 0.00	223.65 10.05 0.00	227.60 10.36 0.00	200.39 9.45 -0.16	189.08 7.23 -2.27	177.92 5.81 -0.07
ASTORIA_GT_13 24227	78.24 2.44 0.00	78.06 2.54 0.00	58.79 1.93 0.00	73.79 2.19 0.00	86.73 1.69 0.00	98.32 2.14 0.00	116.68 3.46 0.00	154.89 4.17 0.00	139.46 3.76 0.00	164.63 5.18 0.00	153.31 6.36 0.00	141.42 5.83 0.00	151.76 6.56 0.00	164.31 7.27 0.00	168.83 6.75 0.00	184.19 7.57 0.00	250.92 9.73 0.00	268.93 11.79 0.00	246.32 10.74 0.00	223.65 10.05 0.00	227.60 10.36 0.00	200.39 9.45 -0.16	189.08 7.23 -2.27	177.92 5.81 -0.07
ASTORIA_GT_5 24106	78.15 2.34 0.00	77.78 2.27 0.00	58.55 1.69 0.00	73.49 1.89 0.00	86.39 1.36 0.00	97.91 1.73 0.01	105.31 3.11 11.02	153.02 3.36 1.06	138.70 3.01 0.01	163.84 4.40 0.01	152.94 5.99 0.00	141.49 5.91 0.00	151.82 6.62 0.00	164.78 7.74 0.00	169.11 7.04 0.00	184.56 7.94 0.00	251.43 10.24 0.00	269.93 12.79 0.00	247.14 11.56 0.00	224.30 10.69 0.00	228.21 10.98 0.00	201.04 10.10 -0.16	189.53 7.67 -2.27	178.67 6.56 -0.07
ASTORIA_GT_7 24107	78.15 2.34 0.00	77.78 2.27 0.00	58.55 1.69 0.00	73.49 1.89 0.00	86.39 1.36 0.00	97.91 1.73 0.01	105.31 3.11 11.02	153.02 3.36 1.06	138.70 3.01 0.01	163.84 4.40 0.01	152.94 5.99 0.00	141.49 5.91 0.00	151.82 6.62 0.00	164.78 7.74 0.00	169.11 7.04 0.00	184.56 7.94 0.00	251.43 10.24 0.00	269.93 12.79 0.00	247.14 11.56 0.00	224.30 10.69 0.00	228.21 10.98 0.00	201.04 10.10 -0.16	189.53 7.67 -2.27	178.67 6.56 -0.07
ASTORIA_GT_8 24108	78.15 2.34 0.00	77.78 2.27 0.00	58.55 1.69 0.00	73.49 1.89 0.00	86.39 1.36 0.00	97.91 1.73 0.01	105.31 3.11 11.02	153.02 3.36 1.06	138.70 3.01 0.01	163.84 4.40 0.01	152.94 5.99 0.00	141.49 5.91 0.00	151.82 6.62 0.00	164.78 7.74 0.00	169.11 7.04 0.00	184.56 7.94 0.00	251.43 10.24 0.00	269.93 12.79 0.00	247.14 11.56 0.00	224.30 10.69 0.00	228.21 10.98 0.00	201.04 10.10 -0.16	189.53 7.67 -2.27	178.67 6.56 -0.07
ASTORIA___2 24149	78.04 2.24 0.00	77.65 2.14 0.00	58.45 1.59 0.00	73.37 1.77 0.00	86.27 1.23 0.00	97.73 1.55 0.01	105.09 2.88 11.02	152.59 2.93 1.06	138.38 2.68 0.01	163.35 3.91 0.01	152.58 5.63 0.00	141.12 5.53 0.00	151.49 6.29 0.00	164.27 7.23 0.00	168.66 6.59 0.00	184.10 7.48 0.00	250.68 9.49 0.00	269.22 12.08 0.00	246.53 10.96 0.00	223.78 10.18 0.00	227.71 10.47 0.00	200.57 9.64 -0.16	189.15 7.30 -2.27	178.27 6.16 -0.07
ASTORIA___3 23516	78.24 2.44 0.00	78.05 2.54 0.00	58.79 1.93 0.00	73.79 2.19 0.00	86.74 1.70 0.00	98.32 2.14 0.00	116.69 3.46 0.00	154.82 4.10 0.00	139.43 3.73 0.00	164.57 5.13 0.00	153.31 6.36 0.00	141.40 5.82 0.00	151.76 6.56 0.00	164.26 7.22 0.00	168.80 6.73 0.00	184.16 7.54 0.00	250.85 9.66 0.00	268.90 11.76 0.00	246.32 10.74 0.00	223.65 10.05 0.00	227.60 10.36 0.00	200.40 9.46 -0.16	189.09 7.24 -2.27	177.92 5.81 -0.07
ASTORIA___4 23517	78.24 2.44 0.00	78.05 2.54 0.00	58.79 1.93 0.00	73.79 2.19 0.00	86.73 1.69 0.00	98.32 2.14 0.00	116.68 3.46 0.00	154.89 4.17 0.00	139.46 3.76 0.00	164.63 5.18 0.00	153.29 6.35 0.00	141.42 5.83 0.00	151.76 6.56 0.00	164.29 7.25 0.00	168.83 6.75 0.00	184.19 7.57 0.00	250.92 9.73 0.00	268.93 11.79 0.00	246.32 10.74 0.00	223.65 10.05 0.00	227.60 10.36 0.00	200.39 9.45 -0.16	189.08 7.23 -2.27	177.92 5.81 -0.07
ASTORIA___5 23518	78.24 2.44 0.00	78.06 2.54 0.00	58.79 1.93 0.00	73.79 2.19 0.00	86.74 1.70 0.00	98.32 2.14 0.00	116.69 3.46 0.00	154.83 4.12 0.00	139.43 3.73 0.00	164.57 5.13 0.00	153.31 6.36 0.00	141.40 5.82 0.00	151.76 6.56 0.00	164.29 7.25 0.00	168.80 6.73 0.00	184.16 7.54 0.00	250.85 9.66 0.00	268.90 11.76 0.00	246.32 10.74 0.00	223.67 10.07 0.00	227.60 10.36 0.00	200.40 9.46 -0.16	189.09 7.24 -2.27	177.92 5.81 -0.07
AST_ENERGY_2_CC3 323677	77.54 1.73 0.00	77.18 1.67 0.00	58.10 1.24 0.00	72.93 1.33 0.00	85.70 0.67 0.00	96.96 0.78 0.01	104.08 1.88 11.02	150.91 1.25 1.06	136.99 1.30 0.01	161.52 2.09 0.01	150.92 3.97 0.00	139.88 4.29 0.00	150.50 5.30 0.00	163.27 6.23 0.00	167.58 5.51 0.00	182.74 6.12 0.00	248.76 7.57 0.00	266.59 9.45 0.00	244.14 8.56 0.00	221.37 7.77 0.00	225.21 7.97 0.00	199.06 8.13 -0.16	187.50 5.65 -2.27	176.94 4.83 -0.07
AST_ENERGY_2_CC4 323678	77.54 1.73 0.00	77.18 1.67 0.00	58.10 1.24 0.00	72.93 1.33 0.00	85.70 0.67 0.00	96.96 0.78 0.01	104.08 1.88 11.02	150.91 1.25 1.06	136.99 1.30 0.01	161.52 2.09 0.01	150.92 3.97 0.00	139.88 4.29 0.00	150.50 5.30 0.00	163.27 6.23 0.00	167.58 5.51 0.00	182.74 6.12 0.00	248.76 7.57 0.00	266.59 9.45 0.00	244.14 8.56 0.00	221.37 7.77 0.00	225.21 7.97 0.00	199.06 8.13 -0.16	187.50 5.65 -2.27	176.94 4.83 -0.07

ATHENS_STG_1 23668	77.61 1.81 0.00	77.57 2.05 0.00	58.44 1.59 0.00	73.60 2.00 0.00	86.91 1.88 0.00	98.00 1.81 0.00	115.79 2.56 0.00	153.97 3.25 0.00	138.53 2.83 0.00	163.04 3.60 0.00	150.91 3.96 0.00	139.19 3.61 0.00	149.10 3.90 0.00	161.37 4.33 0.00	166.32 4.25 0.00	181.13 4.51 0.00	246.23 5.04 0.00	263.20 6.06 0.00	241.22 5.64 0.00	219.07 5.47 0.00	223.05 5.81 0.00	196.41 5.64 0.00	184.55 4.96 0.00	176.46 4.42 0.00
ATHENS_STG_2 23670	77.61 1.81 0.00	77.57 2.05 0.00	58.44 1.59 0.00	73.60 2.00 0.00	86.91 1.88 0.00	98.00 1.81 0.00	115.79 2.56 0.00	153.97 3.25 0.00	138.53 2.83 0.00	163.04 3.60 0.00	150.91 3.96 0.00	139.19 3.61 0.00	149.10 3.90 0.00	161.37 4.33 0.00	166.32 4.25 0.00	181.13 4.51 0.00	246.23 5.04 0.00	263.20 6.06 0.00	241.22 5.64 0.00	219.07 5.47 0.00	223.05 5.81 0.00	196.41 5.64 0.00	184.55 4.96 0.00	176.46 4.42 0.00
ATHENS_STG_3 23677	77.61 1.81 0.00	77.57 2.05 0.00	58.44 1.59 0.00	73.60 2.00 0.00	86.91 1.88 0.00	98.00 1.81 0.00	115.79 2.56 0.00	153.97 3.25 0.00	138.53 2.83 0.00	163.04 3.60 0.00	150.91 3.96 0.00	139.19 3.61 0.00	149.10 3.90 0.00	161.37 4.33 0.00	166.32 4.25 0.00	181.13 4.51 0.00	246.23 5.04 0.00	263.20 6.06 0.00	241.22 5.64 0.00	219.07 5.47 0.00	223.05 5.81 0.00	196.41 5.64 0.00	184.55 4.96 0.00	176.46 4.42 0.00
AUBURN____LFGE 323710	74.24 -1.56 0.00	74.11 -1.40 0.00	55.86 -1.00 0.00	70.43 -1.17 0.00	83.85 -1.18 0.00	95.31 -0.87 0.00	112.74 -0.49 0.00	150.52 -0.19 0.00	136.10 0.40 0.00	159.54 0.10 0.00	145.72 -1.23 0.00	134.17 -1.41 0.00	143.83 -1.37 0.00	155.52 -1.52 0.00	160.68 -1.39 0.00	175.47 -1.15 0.00	241.38 0.20 0.00	258.94 1.80 0.00	236.11 0.53 0.00	213.64 0.04 0.00	217.76 0.52 0.00	189.91 -0.86 0.00	178.03 -1.56 0.00	170.87 -1.17 0.00
BABYLON_RES_REC 323704	111.84 3.84 -32.19	127.98 3.53 -48.94	113.93 2.80 -54.27	110.28 3.28 -35.40	124.14 3.08 -36.03	131.86 3.49 -32.18	153.32 4.73 -35.36	203.51 6.24 -46.55	141.17 5.29 -0.18	179.21 7.01 -12.76	172.79 7.59 -18.25	146.90 6.93 -4.39	189.18 7.77 -36.21	181.83 8.48 -16.30	202.83 8.11 -32.64	205.18 8.87 -19.69	270.44 11.05 -18.20	479.61 16.65 -205.82	290.71 16.41 -38.72	229.20 15.60 0.00	233.54 16.30 0.00	205.80 14.87 -0.17	193.39 11.54 -2.27	181.07 8.64 -0.40
BALL_HILL_WT_PWR 323825	69.23 -6.57 0.00	68.95 -6.56 0.00	52.06 -4.80 0.00	66.13 -5.47 0.00	80.23 -4.81 0.00	92.74 -3.45 0.00	107.52 -5.71 0.00	142.94 -7.78 0.00	129.58 -6.12 0.00	152.58 -6.86 0.00	139.44 -7.50 0.00	129.65 -5.93 0.00	138.32 -6.89 0.00	149.39 -7.65 0.00	154.41 -7.66 0.00	165.56 -8.79 2.27	222.37 -8.88 9.94	230.62 -8.15 18.37	226.61 -8.97 0.00	204.54 -9.06 0.00	207.58 -9.66 0.00	179.54 -11.23 0.00	169.03 -10.56 0.00	155.04 -8.32 8.68
BARON_WINDS____WT_PWR 323822	69.15 -6.66 0.00	68.89 -6.63 0.00	51.96 -4.90 0.00	65.76 -5.84 0.00	79.52 -5.51 0.00	92.66 -3.53 0.00	109.31 -3.91 0.00	147.90 -2.82 0.00	132.97 -2.73 0.00	155.47 -3.97 0.00	141.76 -5.19 0.00	131.42 -4.17 0.00	140.02 -5.19 0.00	152.03 -5.01 0.00	158.13 -3.94 0.00	175.31 -3.04 -1.73	248.31 -0.46 -7.57	272.75 1.60 -14.01	237.31 1.73 0.00	214.97 1.36 0.00	218.79 1.56 0.00	190.85 0.07 0.00	178.06 -1.53 0.00	176.88 -1.77 -6.62
BARRETT_IC_1 23704	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07
BARRETT_IC_10 23701	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07
BARRETT_IC_11 23702	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07
BARRETT_IC_12 23703	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07
BARRETT_IC_2 23705	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07
BARRETT_IC_3 23706	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07
BARRETT_IC_4 23707	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07
BARRETT_IC_5 23708	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07

BARRETT_IC_6 23709	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07
BARRETT_IC_7 23710	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.83 2.34 -29.31	147.95 3.20 -31.52	195.31 4.23 -40.37	139.91 4.21 0.00	175.06 5.21 -10.40	167.80 6.06 -14.79	144.97 6.00 -3.38	182.36 5.90 -31.26	177.15 6.73 -13.38	196.20 6.40 -27.73	200.28 7.21 -16.45	265.47 8.56 -15.72	439.36 11.31 -170.92	291.55 12.15 -43.83	226.06 12.45 -0.01	230.17 12.93 0.00	202.84 11.90 -0.17	190.86 9.01 -2.27	178.75 6.65 -0.07
BARRETT_IC_8 23711	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07
BARRETT_IC_9 23700	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07
BARRETT___1 23545	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07
BARRETT___2 23546	108.31 3.18 -29.32	122.87 2.78 -44.57	108.48 2.19 -49.43	106.37 2.53 -32.24	120.03 2.18 -32.82	127.84 2.34 -29.31	147.94 3.19 -31.52	195.31 4.22 -40.37	139.87 4.17 0.00	175.05 5.21 -10.40	167.80 6.06 -14.79	144.99 6.02 -3.38	182.37 5.90 -31.26	177.18 6.76 -13.38	196.23 6.43 -27.73	200.28 7.21 -16.45	265.42 8.52 -15.72	438.96 10.90 -170.92	291.53 12.13 -43.83	226.04 12.43 -0.01	230.17 12.93 0.00	202.86 11.92 -0.17	190.86 9.00 -2.27	178.77 6.67 -0.07
BATAVIA___115KV_TB1 55881	71.10 -4.71 0.00	70.64 -4.88 0.00	53.38 -3.48 0.00	67.78 -3.83 0.00	81.99 -3.04 0.00	93.67 -2.52 0.00	107.38 -5.84 0.00	142.91 -7.81 0.00	129.23 -6.47 0.00	151.41 -8.03 0.00	137.84 -9.11 0.00	127.55 -8.04 0.00	136.34 -8.86 0.00	147.32 -9.72 0.00	152.10 -9.98 0.00	165.70 -10.92 0.00	230.46 -10.73 0.00	247.92 -9.22 0.00	225.29 -10.29 0.00	203.04 -10.56 0.00	205.39 -11.85 0.00	177.99 -12.77 0.00	168.05 -11.54 0.00	162.92 -9.11 0.00
BAYONEEC___CTG1 323682	78.20 2.40 0.00	77.98 2.46 0.00	58.72 1.86 0.00	73.75 2.15 0.00	86.84 1.80 0.00	98.43 2.24 0.00	116.70 3.48 0.00	155.13 4.41 0.00	139.75 4.05 0.00	165.00 5.56 0.00	153.42 6.47 0.00	141.61 6.02 0.00	151.92 6.72 0.00	164.37 7.33 0.00	169.18 7.10 0.00	184.47 7.85 0.00	251.43 10.24 0.00	269.56 12.41 0.00	246.77 11.20 0.00	224.09 10.49 0.00	228.04 10.80 0.00	200.76 9.83 -0.16	189.50 7.65 -2.27	178.27 6.16 -0.07
BAYONEEC___CTG10 323750	78.20 2.40 0.00	77.98 2.46 0.00	58.72 1.86 0.00	73.75 2.15 0.00	86.84 1.80 0.00	98.43 2.24 0.00	116.70 3.48 0.00	155.13 4.41 0.00	139.75 4.05 0.00	165.00 5.56 0.00	153.42 6.47 0.00	141.61 6.02 0.00	151.92 6.72 0.00	164.37 7.33 0.00	169.18 7.10 0.00	184.47 7.85 0.00	251.43 10.24 0.00	269.56 12.41 0.00	246.77 11.20 0.00	224.09 10.49 0.00	228.04 10.80 0.00	200.76 9.83 -0.16	189.50 7.65 -2.27	178.27 6.16 -0.07
BAYONEEC___CTG2 323683	78.20 2.40 0.00	77.98 2.46 0.00	58.72 1.86 0.00	73.75 2.15 0.00	86.84 1.80 0.00	98.43 2.24 0.00	116.70 3.48 0.00	155.13 4.41 0.00	139.75 4.05 0.00	165.00 5.56 0.00	153.42 6.47 0.00	141.61 6.02 0.00	151.92 6.72 0.00	164.37 7.33 0.00	169.18 7.10 0.00	184.47 7.85 0.00	251.43 10.24 0.00	269.56 12.41 0.00	246.77 11.20 0.00	224.09 10.49 0.00	228.04 10.80 0.00	200.76 9.83 -0.16	189.50 7.65 -2.27	178.27 6.16 -0.07
BAYONEEC___CTG3 323684	78.20 2.40 0.00	77.98 2.46 0.00	58.72 1.86 0.00	73.75 2.15 0.00	86.84 1.80 0.00	98.43 2.24 0.00	116.70 3.48 0.00	155.13 4.41 0.00	139.75 4.05 0.00	165.00 5.56 0.00	153.42 6.47 0.00	141.61 6.02 0.00	151.92 6.72 0.00	164.37 7.33 0.00	169.18 7.10 0.00	184.47 7.85 0.00	251.43 10.24 0.00	269.56 12.41 0.00	246.77 11.20 0.00	224.09 10.49 0.00	228.04 10.80 0.00	200.76 9.83 -0.16	189.50 7.65 -2.27	178.27 6.16 -0.07
BAYONEEC___CTG4 323685	78.20 2.40 0.00	77.98 2.46 0.00	58.72 1.86 0.00	73.75 2.15 0.00	86.84 1.80 0.00	98.43 2.24 0.00	116.70 3.48 0.00	155.13 4.41 0.00	139.75 4.05 0.00	165.00 5.56 0.00	153.42 6.47 0.00	141.61 6.02 0.00	151.92 6.72 0.00	164.37 7.33 0.00	169.18 7.10 0.00	184.47 7.85 0.00	251.43 10.24 0.00	269.56 12.41 0.00	246.77 11.20 0.00	224.09 10.49 0.00	228.04 10.80 0.00	200.76 9.83 -0.16	189.50 7.65 -2.27	178.27 6.16 -0.07
BAYONEEC___CTG5 323686	78.20 2.40 0.00	77.98 2.46 0.00	58.72 1.86 0.00	73.75 2.15 0.00	86.84 1.80 0.00	98.43 2.24 0.00	116.70 3.48 0.00	155.13 4.41 0.00	139.75 4.05 0.00	165.00 5.56 0.00	153.42 6.47 0.00	141.61 6.02 0.00	151.92 6.72 0.00	164.37 7.33 0.00	169.18 7.10 0.00	184.47 7.85 0.00	251.43 10.24 0.00	269.56 12.41 0.00	246.77 11.20 0.00	224.09 10.49 0.00	228.04 10.80 0.00	200.76 9.83 -0.16	189.50 7.65 -2.27	178.27 6.16 -0.07
BAYONEEC___CTG6 323687	78.20 2.40 0.00	77.98 2.46 0.00	58.72 1.86 0.00	73.75 2.15 0.00	86.84 1.80 0.00	98.43 2.24 0.00	116.70 3.48 0.00	155.13 4.41 0.00	139.75 4.05 0.00	165.00 5.56 0.00	153.42 6.47 0.00	141.61 6.02 0.00	151.92 6.72 0.00	164.37 7.33 0.00	169.18 7.10 0.00	184.47 7.85 0.00	251.43 10.24 0.00	269.56 12.41 0.00	246.77 11.20 0.00	224.09 10.49 0.00	228.04 10.80 0.00	200.76 9.83 -0.16	189.50 7.65 -2.27	178.27 6.16 -0.07
BAYONEEC___CTG7 323688	78.20 2.40 0.00	77.98 2.46 0.00	58.72 1.86 0.00	73.75 2.15 0.00	86.84 1.80 0.00	98.43 2.24 0.00	116.70 3.48 0.00	155.13 4.41 0.00	139.75 4.05 0.00	165.00 5.56 0.00	153.42 6.47 0.00	141.61 6.02 0.00	151.92 6.72 0.00	164.37 7.33 0.00	169.18 7.10 0.00	184.47 7.85 0.00	251.43 10.24 0.00	269.56 12.41 0.00	246.77 11.20 0.00	224.09 10.49 0.00	228.04 10.80 0.00	200.76 9.83 -0.16	189.50 7.65 -2.27	178.27 6.16 -0.07

BAYONEEC___CTG8 323689	78.20 2.40 0.00	77.98 2.46 0.00	58.72 1.86 0.00	73.75 2.15 0.00	86.84 1.80 0.00	98.43 2.24 0.00	116.70 3.48 0.00	155.13 4.41 0.00	139.75 4.05 0.00	165.00 5.56 0.00	153.42 6.47 0.00	141.61 6.02 0.00	151.92 6.72 0.00	164.37 7.33 0.00	169.18 7.10 0.00	184.47 7.85 0.00	251.43 10.24 0.00	269.56 12.41 0.00	246.77 11.20 0.00	224.09 10.49 0.00	228.04 10.80 0.00	200.76 9.83 -0.16	189.50 7.65 -2.27	178.27 6.16 -0.07
BAYONEEC___CTG9 323749	78.20 2.40 0.00	77.98 2.46 0.00	58.72 1.86 0.00	73.75 2.15 0.00	86.84 1.80 0.00	98.43 2.24 0.00	116.70 3.48 0.00	155.13 4.41 0.00	139.75 4.05 0.00	165.00 5.56 0.00	153.42 6.47 0.00	141.61 6.02 0.00	151.92 6.72 0.00	164.37 7.33 0.00	169.18 7.10 0.00	184.47 7.85 0.00	251.43 10.24 0.00	269.56 12.41 0.00	246.77 11.20 0.00	224.09 10.49 0.00	228.04 10.80 0.00	200.76 9.83 -0.16	189.50 7.65 -2.27	178.27 6.16 -0.07
BEACON___LESR 323632	78.66 2.86 0.00	78.37 2.86 0.00	59.11 2.25 0.00	74.48 2.88 0.00	88.33 3.30 0.00	99.66 3.48 0.00	117.59 4.36 0.00	156.12 5.40 0.00	139.96 4.26 0.00	164.53 5.09 0.00	151.19 4.24 0.00	139.90 4.32 0.00	149.48 4.28 0.00	161.42 4.38 0.00	166.31 4.24 0.00	181.47 4.85 0.00	247.58 6.39 0.00	263.40 6.26 0.00	241.38 5.80 0.00	219.43 5.82 0.00	223.61 6.37 0.00	193.54 6.19 3.42	138.13 5.98 47.44	176.14 5.55 1.45
BEAVER RIVER___HYD 24048	77.87 2.06 0.00	75.20 -0.31 0.00	56.73 -0.14 0.00	71.99 0.39 0.00	86.03 0.99 0.00	98.95 2.77 0.00	118.15 4.93 0.00	158.07 7.35 0.00	142.92 7.22 0.00	167.43 7.99 0.00	153.91 6.96 0.00	142.58 7.00 0.00	151.87 6.67 0.00	162.97 5.93 0.00	168.34 6.27 0.00	183.90 7.27 0.00	250.87 9.69 0.00	268.14 11.00 0.00	246.25 10.67 0.00	224.53 10.93 0.00	227.45 10.21 0.00	198.48 7.71 0.00	187.72 8.13 0.00	179.86 7.83 0.00
BEEBEE_GT_13 23619	72.02 -3.79 0.00	71.59 -3.92 0.00	54.10 -2.76 0.00	68.55 -3.05 0.00	82.54 -2.50 0.00	94.51 -1.67 0.00	110.06 -3.17 0.00	146.36 -4.36 0.00	132.24 -3.46 0.00	155.26 -4.18 0.00	141.80 -5.14 0.00	131.29 -4.30 0.00	140.59 -4.61 0.00	151.82 -5.22 0.00	156.72 -5.35 0.00	170.53 -6.09 0.00	235.27 -5.92 0.00	252.06 -5.09 0.00	229.73 -5.84 0.00	207.36 -6.24 0.00	210.09 -7.15 0.00	182.84 -7.93 0.00	172.18 -7.41 0.00	165.68 -6.36 0.00
BENSHRST_27_KV_BENSHRST_1 355998	78.91 3.11 0.00	78.65 3.14 0.00	59.18 2.32 0.00	74.30 2.69 0.00	87.36 2.32 0.00	99.06 2.87 0.00	117.55 4.32 0.00	155.84 5.12 0.00	140.10 4.40 0.00	165.24 5.79 0.00	153.89 6.94 0.00	141.98 6.39 0.00	152.35 7.15 0.00	164.85 7.81 0.00	169.45 7.37 0.00	184.89 8.27 0.00	252.11 10.92 0.00	270.45 13.31 0.00	247.63 12.06 0.00	224.85 11.25 0.00	228.92 11.68 0.00	201.50 10.57 -0.16	190.02 8.17 -2.27	178.83 6.72 -0.07
BETHLEHEM___GRP 23843	77.88 2.08 0.00	77.76 2.24 0.00	58.60 1.74 0.00	73.78 2.18 0.00	87.27 2.23 0.00	98.25 2.06 0.00	115.65 2.43 0.00	153.63 2.91 0.00	137.88 2.19 0.00	162.18 2.74 0.00	149.48 2.53 0.00	138.06 2.48 0.00	147.47 2.27 0.00	159.31 2.27 0.00	163.43 1.35 0.00	177.70 1.08 0.00	241.60 0.42 0.00	257.14 -0.01 0.00	235.64 0.06 0.00	214.12 0.52 0.00	218.27 1.03 0.00	190.84 1.96 1.89	155.46 2.13 26.25	173.23 2.00 0.80
BETHLEHEM___GS1 323560	77.89 2.08 0.00	77.76 2.24 0.00	58.60 1.74 0.00	73.78 2.18 0.00	87.27 2.23 0.00	98.25 2.06 0.00	115.65 2.43 0.00	153.59 2.88 0.00	137.88 2.18 0.00	162.17 2.73 0.00	149.47 2.52 0.00	138.05 2.46 0.00	147.47 2.27 0.00	159.31 2.26 0.00	163.41 1.33 0.00	177.69 1.07 0.00	241.60 0.42 0.00	257.14 -0.01 0.00	235.64 0.06 0.00	214.12 0.52 0.00	218.28 1.04 0.00	190.84 1.96 1.89	155.43 2.10 26.25	173.21 1.98 0.80
BETHLEHEM___GS2 323561	77.89 2.08 0.00	77.76 2.24 0.00	58.60 1.74 0.00	73.78 2.18 0.00	87.27 2.23 0.00	98.25 2.06 0.00	115.65 2.43 0.00	153.59 2.88 0.00	137.88 2.18 0.00	162.17 2.73 0.00	149.47 2.52 0.00	138.05 2.46 0.00	147.47 2.27 0.00	159.31 2.26 0.00	163.41 1.33 0.00	177.69 1.07 0.00	241.60 0.42 0.00	257.14 -0.01 0.00	235.64 0.06 0.00	214.12 0.52 0.00	218.28 1.04 0.00	190.84 1.96 1.89	155.43 2.10 26.25	173.21 1.98 0.80
BETHLEHEM___GS3 323562	77.89 2.08 0.00	77.76 2.24 0.00	58.60 1.74 0.00	73.78 2.18 0.00	87.27 2.23 0.00	98.25 2.06 0.00	115.65 2.43 0.00	153.59 2.88 0.00	137.88 2.18 0.00	162.17 2.73 0.00	149.47 2.52 0.00	138.05 2.46 0.00	147.47 2.27 0.00	159.31 2.26 0.00	163.41 1.33 0.00	177.69 1.07 0.00	241.60 0.42 0.00	257.14 -0.01 0.00	235.64 0.06 0.00	214.12 0.52 0.00	218.28 1.04 0.00	190.84 1.96 1.89	155.43 2.10 26.25	173.21 1.98 0.80
BETHLEHEM___STEEL 23779	69.59 -6.21 0.00	69.19 -6.32 0.00	52.31 -4.55 0.00	66.46 -5.15 0.00	80.71 -4.33 0.00	93.00 -3.19 0.00	107.37 -5.86 0.00	142.65 -8.07 0.00	128.92 -6.78 0.00	151.60 -7.84 0.00	138.65 -8.29 0.00	128.86 -6.73 0.00	137.85 -7.35 0.00	148.77 -8.27 0.00	153.65 -8.42 0.00	166.66 -9.97 0.00	230.55 -10.64 0.00	247.17 -9.97 0.00	224.49 -11.08 0.00	202.45 -11.15 0.00	205.04 -12.19 0.00	177.72 -13.05 0.00	167.94 -11.65 0.00	163.02 -9.01 0.00
BETHLHEM_115KV_TB1 79974	77.81 2.01 0.00	77.68 2.17 0.00	58.55 1.69 0.00	73.72 2.12 0.00	87.21 2.18 0.00	98.21 2.02 0.00	115.63 2.40 0.00	153.63 2.91 0.00	137.92 2.22 0.00	162.23 2.79 0.00	149.53 2.59 0.00	138.06 2.48 0.00	147.56 2.36 0.00	159.38 2.34 0.00	163.69 1.62 0.00	178.10 1.48 0.00	242.21 1.02 0.00	257.85 0.71 0.00	236.32 0.75 0.00	214.65 1.05 0.00	218.80 1.56 0.00	191.31 2.32 1.79	157.25 2.47 24.81	173.58 2.31 0.76
BETHPAGE_CC_5 323564	113.43 3.47 -34.15	130.65 3.23 -51.91	116.97 2.54 -57.57	112.12 2.96 -37.55	125.97 2.72 -38.22	133.30 2.98 -34.14	153.74 3.80 -36.71	202.71 4.98 -47.02	140.06 4.36 0.00	177.40 5.85 -12.11	170.56 6.38 -17.23	145.36 5.84 -3.93	188.24 6.63 -36.41	179.95 7.33 -15.58	201.39 7.02 -32.30	203.49 7.72 -19.15	268.89 9.41 -18.29	489.29 14.01 -218.14	290.94 13.98 -41.39	227.16 13.56 0.00	231.95 14.71 0.00	204.60 13.67 -0.17	192.27 10.41 -2.27	179.83 7.56 -0.24
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	69.84 -5.97 0.00	69.49 -6.03 0.00	52.52 -4.34 0.00	66.69 -4.91 0.00	81.00 -4.04 0.00	93.36 -2.82 0.00	107.87 -5.36 0.00	143.43 -7.29 0.00	129.60 -6.10 0.00	152.37 -7.07 0.00	139.46 -7.49 0.00	129.59 -5.99 0.00	138.60 -6.60 0.00	149.61 -7.43 0.00	154.53 -7.55 0.00	167.64 -8.98 0.00	231.99 -9.20 0.00	248.72 -8.42 0.00	225.89 -9.69 0.00	203.74 -9.86 0.00	206.36 -10.87 0.00	178.91 -11.85 0.00	168.91 -10.68 0.00	163.94 -8.10 0.00
BINGHAMTON___COGEN 23790	73.86 -1.95 0.00	73.67 -1.84 0.00	55.51 -1.35 0.00	70.04 -1.57 0.00	83.43 -1.60 0.00	94.98 -1.20 0.00	112.02 -1.20 0.00	149.31 -1.41 0.00	134.53 -1.17 0.00	157.68 -1.76 0.00	145.24 -1.71 0.00	134.21 -1.38 0.00	143.28 -1.92 0.00	155.02 -2.02 0.00	160.32 -1.76 0.00	174.91 -1.71 0.00	239.77 -1.42 0.00	256.90 -0.24 0.00	235.43 -0.15 0.00	213.16 -0.43 0.00	216.80 -0.44 0.00	189.84 -0.93 0.00	178.15 -1.44 0.00	170.51 -1.53 0.00

BIXINCNT_115KV_LOAD 355685	69.86 -5.95 0.00	70.09 -5.43 0.00	53.09 -3.77 0.00	67.15 -4.45 0.00	81.66 -3.38 0.00	94.69 -1.49 0.00	109.89 -3.33 0.00	146.41 -4.31 0.00	132.20 -3.50 0.00	155.86 -3.58 0.00	142.99 -3.96 0.00	133.09 -2.49 0.00	142.12 -3.08 0.00	153.46 -3.58 0.00	158.49 -3.59 0.00	172.23 -4.40 0.00	238.31 -2.88 0.00	255.09 -2.05 0.00	231.75 -3.82 0.00	209.23 -4.37 0.00	212.30 -4.93 0.00	184.64 -6.13 0.00	173.94 -5.65 0.00	168.15 -3.88 0.00
BLACK RIVER___HYD 24047	77.59 1.78 0.00	74.61 -0.91 0.00	56.34 -0.52 0.00	71.89 0.28 0.00	86.09 1.05 0.00	99.19 3.01 0.00	118.83 5.60 0.00	159.19 8.48 0.00	144.02 8.32 0.00	168.52 9.08 0.00	154.79 7.84 0.00	143.03 7.45 0.00	152.25 7.05 0.00	163.66 6.62 0.00	168.72 6.65 0.00	184.68 8.06 0.00	252.66 11.47 0.00	270.46 13.31 0.00	248.57 12.99 0.00	226.82 13.22 0.00	229.82 12.58 0.00	200.16 9.39 0.00	188.65 9.07 0.00	180.47 8.43 0.00
BLACKRVR_115KV_TB2 79977	77.58 1.78 0.00	74.60 -0.91 0.00	56.34 -0.52 0.00	71.88 0.28 0.00	86.08 1.05 0.00	99.19 3.01 0.00	118.83 5.60 0.00	159.21 8.49 0.00	144.01 8.31 0.00	168.54 9.10 0.00	154.79 7.84 0.00	143.04 7.46 0.00	152.25 7.05 0.00	163.66 6.62 0.00	168.72 6.64 0.00	184.68 8.06 0.00	252.62 11.43 0.00	270.46 13.32 0.00	248.58 13.00 0.00	226.82 13.22 0.00	229.82 12.59 0.00	200.15 9.37 0.00	188.66 9.07 0.00	180.49 8.45 0.00
BLDWN_LI_69_KV_BK4 356085	117.59 3.82 -37.96	136.76 3.54 -57.70	123.60 2.75 -63.99	116.57 3.23 -41.74	130.59 3.07 -42.48	137.61 3.48 -37.95	158.43 4.39 -40.81	208.80 5.82 -52.26	140.97 5.27 0.00	180.04 7.14 -13.46	173.30 7.20 -19.15	146.65 6.69 -4.37	193.10 7.43 -40.47	182.58 8.22 -17.31	206.00 8.02 -35.90	206.84 8.93 -21.29	272.61 11.07 -20.35	511.05 14.73 -239.18	298.49 14.86 -48.06	228.53 14.93 0.00	232.76 15.52 0.00	205.40 14.47 -0.17	193.11 11.25 -2.27	180.70 8.60 -0.07
BLISS_WT_PWR 323608	69.66 -6.15 0.00	70.00 -5.51 0.00	53.04 -3.82 0.00	66.99 -4.61 0.00	81.61 -3.42 0.00	94.78 -1.40 0.00	110.05 -3.18 0.00	146.64 -4.07 0.00	132.41 -3.29 0.00	156.15 -3.29 0.00	143.28 -3.67 0.00	133.44 -2.15 0.00	142.42 -2.78 0.00	153.80 -3.24 0.00	158.84 -3.24 0.00	170.32 -3.93 2.37	228.77 -2.04 10.38	236.52 -1.43 19.20	232.26 -3.31 0.00	209.71 -3.89 0.00	212.68 -4.56 0.00	185.02 -5.74 0.00	174.36 -5.23 0.00	159.43 -3.53 9.07
BLUESTONE___WT_PWR 323821	74.12 -1.68 0.00	73.78 -1.74 0.00	55.12 -1.74 0.00	69.78 -1.82 0.00	82.38 -2.65 0.00	94.17 -2.02 0.00	113.21 -0.01 0.00	154.57 3.85 0.00	136.73 1.03 0.00	161.95 2.51 0.00	152.51 5.56 0.00	140.59 5.01 0.00	150.02 4.81 0.00	160.89 3.84 0.00	167.65 5.57 0.00	185.05 7.85 -0.58	257.24 13.52 -2.53	279.74 17.92 -4.68	253.19 17.61 0.00	227.83 14.23 0.00	230.98 13.75 0.00	202.98 12.21 0.00	190.24 10.65 0.00	183.54 9.29 -2.21
BLUE_CIRC_CHEM_DRP 24182	78.13 2.33 0.00	78.04 2.53 0.00	58.81 1.94 0.00	74.08 2.48 0.00	87.70 2.67 0.00	98.78 2.60 0.00	116.38 3.15 0.00	154.62 3.91 0.00	138.61 2.92 0.00	162.44 3.00 0.00	149.61 2.66 0.00	138.06 2.47 0.00	147.62 2.42 0.00	159.66 2.62 0.00	164.56 2.49 0.00	179.60 2.99 0.00	244.79 3.60 0.00	260.50 3.36 0.00	238.68 3.10 0.00	216.72 3.12 0.00	220.81 3.57 0.00	192.98 3.97 1.75	159.39 4.16 24.36	175.35 4.06 0.75
BOC_GAS_DRP 24189	77.40 1.59 0.00	77.30 1.78 0.00	58.24 1.38 0.00	73.35 1.76 0.00	86.77 1.74 0.00	97.79 1.60 0.00	115.28 2.05 0.00	153.22 2.50 0.00	137.63 1.93 0.00	161.87 2.43 0.00	149.32 2.38 0.00	137.83 2.24 0.00	147.45 2.25 0.00	159.40 2.36 0.00	164.19 2.12 0.00	178.78 2.16 0.00	243.25 2.06 0.00	259.14 2.00 0.00	237.52 1.95 0.00	215.66 2.06 0.00	219.72 2.48 0.00	192.45 2.89 1.21	165.74 2.92 16.77	174.32 2.80 0.51
BOONVILLE_115KV_TB1 79983	79.01 3.21 0.00	77.14 1.62 0.00	58.20 1.34 0.00	73.63 2.02 0.00	87.84 2.80 0.00	100.66 4.47 0.00	119.91 6.69 0.00	160.36 9.65 0.00	144.74 9.04 0.00	169.66 10.21 0.00	156.19 9.24 0.00	144.23 8.65 0.00	153.79 8.59 0.00	165.65 8.61 0.00	171.26 9.19 0.00	187.00 10.38 0.00	255.89 14.70 0.00	273.74 16.60 0.00	251.26 15.69 0.00	228.66 15.06 0.00	231.76 14.52 0.00	202.63 11.86 0.00	190.73 11.15 0.00	182.39 10.36 0.00
BORALEX_4TH_BRANCH 23824	80.13 4.32 0.00	79.99 4.48 0.00	60.27 3.41 0.00	75.83 4.23 0.00	89.79 4.75 0.00	101.29 5.10 0.00	119.63 6.40 0.00	158.83 8.11 0.00	142.22 6.52 0.00	167.14 7.70 0.00	154.32 7.37 0.00	141.95 6.37 0.00	152.16 6.95 0.00	164.93 7.89 0.00	170.53 8.45 0.00	185.70 9.08 0.00	252.60 11.41 0.00	267.49 10.35 0.00	245.58 10.01 0.00	223.44 9.84 0.00	227.81 10.58 0.00	202.95 10.42 -1.76	214.38 10.36 -24.44	182.45 9.66 -0.75
BOWLINE___1 23526	77.42 1.62 0.00	77.18 1.67 0.00	58.11 1.24 0.00	73.02 1.42 0.00	86.09 1.05 0.00	97.65 1.47 0.00	115.74 2.52 0.00	153.82 3.10 0.00	138.42 2.72 0.00	163.27 3.83 0.00	151.50 4.55 0.00	139.75 4.16 0.00	149.83 4.63 0.00	162.18 5.14 0.00	167.13 5.05 0.00	182.18 5.56 0.00	248.20 7.02 0.00	265.95 8.81 0.00	243.55 7.97 0.00	221.23 7.63 0.00	225.34 8.10 0.00	198.41 7.49 -0.15	187.46 5.78 -2.10	176.72 4.62 -0.06
BOWLINE___2 23595	77.53 1.72 0.00	77.30 1.79 0.00	58.20 1.34 0.00	73.13 1.53 0.00	86.21 1.17 0.00	97.80 1.62 0.00	115.92 2.69 0.00	154.08 3.36 0.00	138.61 2.91 0.00	163.47 4.03 0.00	151.74 4.79 0.00	140.00 4.42 0.00	150.01 4.81 0.00	162.43 5.39 0.00	167.32 5.25 0.00	182.43 5.81 0.00	248.52 7.33 0.00	266.30 9.16 0.00	243.88 8.31 0.00	221.56 7.96 0.00	225.65 8.41 0.00	198.68 7.76 -0.15	187.71 6.03 -2.10	176.94 4.84 -0.06
BRADY___115KV_TB2 356060	78.50 2.69 0.00	78.07 2.56 0.00	58.65 1.79 0.00	73.74 2.14 0.00	87.92 2.88 0.00	99.37 3.19 0.00	116.09 2.87 0.00	154.80 4.09 0.00	139.66 3.96 0.00	163.63 4.19 0.00	150.41 3.46 0.00	140.27 4.69 0.00	149.72 4.52 0.00	160.30 3.25 0.00	165.48 3.40 0.00	180.72 4.10 0.00	247.64 6.45 0.00	263.33 6.19 0.00	241.20 5.62 0.00	218.39 4.79 0.00	221.78 4.54 0.00	194.32 3.55 0.00	183.46 3.88 0.00	176.18 4.14 0.00
BRANSCOMB___SOLAR 323811	80.24 4.43 0.00	80.04 4.53 0.00	60.29 3.43 0.00	75.93 4.33 0.00	90.02 4.99 0.00	101.92 5.73 0.00	120.64 7.41 0.00	160.30 9.58 0.00	143.40 7.70 0.00	167.93 8.49 0.00	154.77 7.82 0.00	142.47 6.89 0.00	152.63 7.43 0.00	165.28 8.24 0.00	171.23 9.15 0.00	187.16 10.54 0.00	255.93 14.74 0.00	272.33 15.18 0.00	249.82 14.24 0.00	227.10 13.50 0.00	231.38 14.14 0.00	204.64 12.49 -1.38	210.66 11.88 -19.19	183.70 11.07 -0.59
BRDGHMPT_69_KV_BK1 55812	107.97 3.71 -28.45	122.06 3.31 -43.24	107.43 2.61 -47.95	105.92 3.04 -31.28	119.92 3.05 -31.84	128.44 3.81 -28.44	153.74 5.58 -34.94	210.16 7.34 -52.11	141.70 4.96 -1.05	185.24 7.89 -17.90	181.54 8.55 -26.04	150.48 7.68 -7.21	194.73 8.25 -41.28	188.51 9.12 -22.35	209.35 7.63 -39.65	209.77 7.72 -25.43	272.17 10.72 -20.26	458.74 19.26 -182.34	287.13 17.81 -33.74	230.85 17.25 0.00	238.76 21.52 0.00	212.65 21.71 -0.17	197.81 15.95 -2.27	185.39 11.76 -1.59

BRENTWOD_69_KV_W. BRTWOOD 56703	109.30 4.13 -29.36	123.86 3.72 -44.63	109.38 3.03 -49.50	107.46 3.57 -32.29	121.31 3.42 -32.86	129.20 3.66 -29.35	153.85 5.27 -35.35	209.40 7.01 -51.68	142.29 5.68 -0.91	184.20 7.55 -17.20	180.22 8.30 -24.97	149.99 7.61 -6.80	194.54 8.52 -40.83	187.91 9.33 -21.54	209.74 8.82 -38.85	210.83 9.50 -24.71	273.43 11.64 -20.60	464.94 19.60 -188.20	289.41 18.84 -34.99	231.31 17.71 0.00	235.47 18.23 0.00	207.36 16.43 -0.17	194.87 13.02 -2.27	183.48 10.02 -1.42
BRISTLHL_115KV_TB1 79998	72.66 -3.15 0.00	72.28 -3.24 0.00	54.50 -2.37 0.00	68.73 -2.87 0.00	81.78 -3.26 0.00	92.82 -3.36 0.00	109.40 -3.82 0.00	145.84 -4.88 0.00	131.52 -4.18 0.00	154.45 -4.99 0.00	142.10 -4.85 0.00	131.14 -4.45 0.00	140.24 -4.96 0.00	151.64 -5.40 0.00	156.56 -5.51 0.00	170.74 -5.88 0.00	233.84 -7.35 0.00	249.91 -7.23 0.00	228.89 -6.69 0.00	207.44 -6.16 0.00	210.87 -6.37 0.00	184.73 -6.03 0.00	173.59 -6.00 0.00	166.15 -5.89 0.00
BROOKHAVEN___DRP 24191	108.23 4.00 -28.42	122.33 3.61 -43.20	107.64 2.86 -47.92	106.21 3.35 -31.26	120.11 3.27 -31.81	128.36 3.76 -28.41	153.45 5.25 -34.98	209.67 6.68 -52.28	141.86 5.10 -1.06	184.64 7.19 -18.01	181.04 7.88 -26.21	149.90 7.05 -7.27	194.48 7.85 -41.43	188.06 8.53 -22.49	209.07 7.17 -39.83	209.24 7.05 -25.57	267.32 5.80 -20.34	450.84 11.52 -182.18	281.27 11.98 -33.71	225.41 11.81 0.00	231.47 14.23 0.00	205.95 15.02 -0.17	194.01 12.15 -2.27	182.62 8.97 -1.61
BROOKLYN_NAVY_YARD 23515	78.16 2.35 0.00	77.94 2.43 0.00	58.67 1.81 0.00	73.68 2.08 0.00	86.75 1.72 0.00	98.26 2.09 0.01	105.51 3.31 11.03	153.89 4.24 1.07	139.60 3.91 0.02	73.69 5.38 91.14	153.31 6.36 0.00	141.60 6.02 0.00	152.02 6.81 0.00	164.60 7.56 0.00	169.42 7.35 0.00	184.66 8.04 0.00	251.66 10.47 0.00	269.90 12.76 0.00	247.10 11.52 0.00	224.29 10.69 0.00	228.23 10.99 0.00	201.08 10.14 -0.16	189.69 7.84 -2.27	178.43 6.32 -0.07
BROOKLYN___ARMY_DRP 323595	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.97 2.37 0.00	86.94 1.90 0.00	98.55 2.36 0.00	116.92 3.70 0.00	154.92 4.21 0.00	139.24 3.54 0.00	164.25 4.80 0.00	152.92 5.97 0.00	141.07 5.49 0.00	151.38 6.18 0.00	163.79 6.75 0.00	168.33 6.25 0.00	183.68 7.06 0.00	250.37 9.18 0.00	268.57 11.43 0.00	245.88 10.31 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.12 9.18 -0.16	188.84 6.99 -2.27	177.77 5.66 -0.07
BROOME_2_LFGE 323671	73.86 -1.94 0.00	73.67 -1.84 0.00	55.51 -1.35 0.00	70.03 -1.57 0.00	83.43 -1.61 0.00	95.00 -1.19 0.00	112.03 -1.20 0.00	149.32 -1.40 0.00	134.53 -1.17 0.00	157.66 -1.78 0.00	145.25 -1.70 0.00	134.22 -1.37 0.00	143.28 -1.93 0.00	155.03 -2.01 0.00	160.32 -1.76 0.00	175.64 -1.71 -0.73	242.95 -1.42 -3.18	262.71 -0.28 -5.85	235.43 -0.15 0.00	213.17 -0.43 0.00	216.78 -0.45 0.00	189.84 -0.92 0.00	178.15 -1.44 0.00	173.27 -1.55 -2.78
BROOME___LFGE 323600	73.86 -1.94 0.00	73.67 -1.84 0.00	55.51 -1.35 0.00	70.03 -1.57 0.00	83.43 -1.61 0.00	95.00 -1.19 0.00	112.03 -1.20 0.00	149.32 -1.40 0.00	134.53 -1.17 0.00	157.66 -1.78 0.00	145.25 -1.70 0.00	134.22 -1.37 0.00	143.28 -1.93 0.00	155.03 -2.01 0.00	160.32 -1.76 0.00	175.64 -1.71 -0.73	242.95 -1.42 -3.18	262.71 -0.28 -5.85	235.43 -0.15 0.00	213.17 -0.43 0.00	216.78 -0.45 0.00	189.84 -0.92 0.00	178.15 -1.44 0.00	173.27 -1.55 -2.78
BROWNFLS_115KV_TB 3_5 80003	77.55 1.74 0.00	75.91 0.39 0.00	57.14 0.28 0.00	72.19 0.59 0.00	86.07 1.03 0.00	98.26 2.08 0.00	116.04 2.81 0.00	155.14 4.42 0.00	140.30 4.60 0.00	164.48 5.04 0.00	151.24 4.29 0.00	140.40 4.82 0.00	149.65 4.45 0.00	160.07 3.03 0.00	165.41 3.34 0.00	180.46 3.84 0.00	246.41 5.22 0.00	262.81 5.67 0.00	241.12 5.54 0.00	219.28 5.68 0.00	222.35 5.11 0.00	194.37 3.60 0.00	184.05 4.46 0.00	176.74 4.70 0.00
BROWNSV1_27_KV_LOAD 356125	78.93 3.13 0.00	78.67 3.16 0.00	59.23 2.37 0.00	74.39 2.79 0.00	87.62 2.58 0.00	99.40 3.22 0.00	117.91 4.69 0.00	156.94 6.22 0.00	141.37 5.67 0.00	166.91 7.47 0.00	155.17 8.22 0.00	143.23 7.64 0.00	153.67 8.47 0.00	166.36 9.32 0.00	171.24 9.17 0.00	186.73 10.11 0.00	254.70 13.52 0.00	273.10 15.96 0.00	250.01 14.44 0.00	226.98 13.38 0.00	231.03 13.79 0.00	203.26 12.33 -0.16	191.73 9.88 -2.27	180.31 8.20 -0.07
BURROWS___LYONSDAL 23803	78.70 2.90 0.00	76.52 1.00 0.00	57.72 0.86 0.00	73.07 1.47 0.00	87.22 2.19 0.00	100.12 3.93 0.00	119.48 6.26 0.00	159.86 9.15 0.00	144.34 8.64 0.00	169.20 9.76 0.00	155.68 8.73 0.00	143.89 8.30 0.00	153.31 8.11 0.00	164.98 7.94 0.00	170.60 8.52 0.00	186.29 9.67 0.00	254.72 13.53 0.00	272.45 15.31 0.00	250.13 14.55 0.00	227.84 14.24 0.00	230.85 13.62 0.00	201.69 10.92 0.00	190.03 10.44 0.00	181.80 9.77 0.00
CAITHNESS_CC_1 323624	108.03 3.83 -28.41	122.15 3.46 -43.18	107.49 2.75 -47.88	106.04 3.21 -31.24	119.89 3.07 -31.79	128.06 3.48 -28.40	153.13 4.89 -35.02	209.27 6.13 -52.43	141.51 4.74 -1.08	184.33 6.78 -18.11	180.78 7.48 -26.36	149.62 6.71 -7.32	194.24 7.48 -41.55	187.75 8.11 -22.60	208.90 6.84 -39.98	209.07 6.76 -25.69	267.27 5.68 -20.40	450.71 11.51 -182.05	281.10 11.84 -33.68	225.28 11.68 0.00	230.95 13.72 0.00	205.16 14.23 -0.17	193.17 11.32 -2.27	181.96 8.29 -1.63
CALPINE BETH_PAGE_GT4 24209	115.62 3.50 -36.31	133.95 3.23 -55.20	120.62 2.55 -61.21	114.52 2.99 -39.93	128.43 2.76 -40.64	135.50 3.01 -36.30	155.89 3.63 -39.04	205.51 4.80 -50.00	139.88 4.18 0.00	177.97 5.65 -12.88	171.45 6.18 -18.32	145.41 5.65 -4.18	190.36 6.45 -38.72	180.72 7.12 -16.56	203.26 6.85 -34.34	204.54 7.55 -20.37	269.86 9.21 -19.46	502.63 13.70 -231.78	293.41 13.57 -44.26	226.85 13.25 0.00	231.36 14.12 0.00	204.00 13.06 -0.17	191.75 9.89 -2.27	179.26 7.15 -0.07
CALPINE_BETH_PAGE_GT_4 323586	115.63 3.51 -36.31	133.95 3.23 -55.20	120.63 2.55 -61.21	114.52 2.98 -39.93	128.44 2.77 -40.64	135.50 3.02 -36.30	155.89 3.63 -39.04	205.48 4.77 -50.00	139.83 4.13 0.00	177.98 5.66 -12.88	171.48 6.21 -18.32	145.43 5.67 -4.18	190.38 6.46 -38.72	180.74 7.13 -16.56	203.26 6.85 -34.34	204.52 7.53 -20.37	269.88 9.23 -19.46	502.56 13.63 -231.78	293.42 13.58 -44.27	226.86 13.25 0.00	231.37 14.14 0.00	204.01 13.08 -0.17	191.74 9.89 -2.27	179.28 7.17 -0.07
CALPINE_BP_GT1 23823	115.63 3.51 -36.31	133.95 3.23 -55.20	120.63 2.55 -61.21	114.52 2.98 -39.93	128.44 2.77 -40.64	135.50 3.02 -36.30	155.89 3.63 -39.04	205.48 4.77 -50.00	139.83 4.13 0.00	177.98 5.66 -12.88	171.48 6.21 -18.32	145.43 5.67 -4.18	190.38 6.46 -38.72	180.74 7.13 -16.56	203.26 6.85 -34.34	204.52 7.53 -20.37	269.88 9.23 -19.46	502.56 13.63 -231.78	293.42 13.58 -44.27	226.86 13.25 0.00	231.37 14.14 0.00	204.01 13.08 -0.17	191.74 9.89 -2.27	179.28 7.17 -0.07
CALSPAN___DRP 24200	69.59 -6.21 0.00	69.19 -6.32 0.00	52.31 -4.55 0.00	66.46 -5.15 0.00	80.71 -4.33 0.00	93.00 -3.19 0.00	107.37 -5.86 0.00	142.65 -8.07 0.00	128.92 -6.78 0.00	151.60 -7.84 0.00	138.65 -8.29 0.00	128.86 -6.73 0.00	137.85 -7.35 0.00	148.77 -8.27 0.00	153.65 -8.42 0.00	166.66 -9.97 0.00	230.55 -10.64 0.00	247.17 -9.97 0.00	224.49 -11.08 0.00	202.45 -11.15 0.00	205.04 -12.19 0.00	177.72 -13.05 0.00	167.94 -11.65 0.00	163.02 -9.01 0.00

CALVERTON___SOLAR 323806	108.36 4.12 -28.43	122.44 3.71 -43.22	107.74 2.95 -47.93	106.30 3.44 -31.26	120.25 3.40 -31.82	128.59 3.98 -28.42	153.75 5.56 -34.96	210.03 7.10 -52.21	142.04 5.28 -1.06	184.95 7.54 -17.97	181.31 8.21 -26.14	150.19 7.36 -7.25	194.75 8.17 -41.37	188.40 8.92 -22.44	209.26 7.42 -39.76	209.46 7.32 -25.52	267.66 6.16 -20.31	451.73 12.36 -182.23	281.72 12.43 -33.72	225.85 0.00 0.00	232.23 0.00 0.00	206.89 15.95 -0.17	194.86 13.00 -2.27	183.32 9.67 -1.60
CANDIGU_WT_PWR 323617	69.15 -6.66 0.00	68.89 -6.63 0.00	51.96 -4.90 0.00	65.76 -5.84 0.00	79.52 -5.51 0.00	92.66 -3.53 0.00	109.31 -3.91 0.00	147.90 -2.82 0.00	132.97 -2.73 0.00	155.47 -3.97 0.00	141.76 -5.19 0.00	131.42 -4.17 0.00	140.02 -5.19 0.00	152.03 -5.01 0.00	158.13 -3.94 0.00	175.31 -3.04 -1.73	248.31 -0.46 -7.57	272.75 1.60 -14.01	237.31 1.73 0.00	214.97 1.36 0.00	218.79 1.56 0.00	190.85 0.07 0.00	178.06 -1.53 0.00	176.88 -1.77 -6.62
CARR STREET_E_SYR 24060	73.47 -2.33 0.00	73.15 -2.36 0.00	55.17 -1.69 0.00	69.57 -2.03 0.00	82.83 -2.20 0.00	94.06 -2.13 0.00	110.82 -2.40 0.00	147.73 -2.99 0.00	133.28 -2.42 0.00	156.40 -3.04 0.00	143.85 -3.10 0.00	132.81 -2.78 0.00	142.00 -3.21 0.00	153.56 -3.48 0.00	158.54 -3.53 0.00	172.93 -3.69 0.00	236.95 -4.23 0.00	253.38 -3.77 0.00	231.89 -3.68 0.00	210.14 -3.46 0.00	213.54 -3.69 0.00	187.02 -3.75 0.00	175.61 -3.98 0.00	167.99 -4.05 0.00
CARTHAGE___PAPER 23857	78.45 2.64 0.00	75.61 0.09 0.00	57.04 0.18 0.00	72.56 0.96 0.00	86.79 1.75 0.00	99.92 3.73 0.00	119.49 6.27 0.00	160.00 9.29 0.00	144.63 8.93 0.00	169.32 9.88 0.00	155.60 8.65 0.00	143.98 8.39 0.00	153.35 8.15 0.00	164.72 7.68 0.00	170.01 7.94 0.00	185.94 9.32 0.00	253.93 12.74 0.00	271.58 14.44 0.00	249.50 13.92 0.00	227.53 13.93 0.00	230.49 13.26 0.00	200.93 10.16 0.00	189.77 10.19 0.00	181.65 9.61 0.00
CASSADAGA_WT_PWR 323784	68.91 -6.89 0.00	68.96 -6.55 0.00	52.00 -4.85 0.00	66.07 -5.53 0.00	80.37 -4.67 0.00	93.59 -2.60 0.00	109.23 -3.99 0.00	145.57 -5.14 0.00	132.24 -3.46 0.00	156.35 -3.09 0.00	143.00 -3.95 0.00	133.09 -2.49 0.00	141.88 -3.32 0.00	153.35 -3.69 0.00	158.38 -3.69 0.00	170.38 -3.90 2.34	229.51 -1.43 10.25	238.19 0.00 18.95	234.24 -1.33 0.00	211.33 -2.27 0.00	214.27 -2.96 0.00	184.14 -6.63 0.00	172.75 -6.83 0.00	158.23 -4.85 8.95
CE_DUNWOOD___DRP 24194	78.13 2.32 0.00	77.91 2.39 0.00	58.67 1.80 0.00	73.71 2.11 0.00	86.88 1.84 0.00	98.49 2.30 0.00	116.67 3.44 0.00	155.24 4.52 0.00	139.66 3.96 0.00	164.71 5.27 0.00	152.94 5.99 0.00	141.12 5.53 0.00	151.31 6.11 0.00	163.79 6.75 0.00	168.73 6.66 0.00	183.95 7.33 0.00	250.68 9.49 0.00	268.71 11.56 0.00	246.06 10.49 0.00	223.52 9.92 0.00	227.55 10.31 0.00	200.40 9.46 -0.16	189.36 7.51 -2.26	178.27 6.17 -0.07
CE_MILLWOOD___DRP 24193	77.99 2.19 0.00	77.77 2.25 0.00	58.55 1.69 0.00	73.58 1.98 0.00	86.72 1.69 0.00	98.31 2.13 0.00	116.51 3.28 0.00	154.97 4.26 0.00	139.42 3.72 0.00	164.43 4.99 0.00	152.64 5.69 0.00	140.83 5.24 0.00	150.96 5.76 0.00	163.45 6.41 0.00	168.41 6.33 0.00	183.57 6.95 0.00	250.14 8.96 0.00	268.06 10.92 0.00	245.54 9.96 0.00	223.06 9.46 0.00	227.08 9.84 0.00	199.95 9.02 -0.16	188.96 7.14 -2.24	177.97 5.87 -0.07
CE_NYC2_DRP 24202	78.31 2.51 0.00	78.10 2.59 0.00	58.83 1.97 0.00	73.85 2.25 0.00	86.81 1.78 0.00	98.41 2.23 0.00	116.80 3.57 0.00	155.09 4.38 0.00	139.63 3.93 0.00	164.79 5.35 0.00	153.42 6.47 0.00	141.53 5.94 0.00	151.90 6.70 0.00	164.43 7.39 0.00	169.00 6.93 0.00	184.38 7.75 0.00	251.22 10.03 0.00	269.34 12.20 0.00	246.59 11.01 0.00	223.90 10.29 0.00	227.85 10.62 0.00	200.61 9.68 -0.16	189.29 7.44 -2.27	178.08 5.97 -0.07
CE_NYC_DRP 24195	78.29 2.48 0.00	78.07 2.56 0.00	58.78 1.92 0.00	73.83 2.23 0.00	86.94 1.90 0.00	98.57 2.38 0.00	116.89 3.66 0.00	155.46 4.75 0.00	140.04 4.34 0.00	165.33 5.89 0.00	153.73 6.78 0.00	141.89 6.31 0.00	152.22 7.02 0.00	164.79 7.75 0.00	169.61 7.53 0.00	184.95 8.33 0.00	252.08 10.89 0.00	270.18 13.04 0.00	247.38 11.80 0.00	224.58 10.97 0.00	228.51 11.27 0.00	201.16 10.23 -0.16	189.84 7.99 -2.27	178.59 6.48 -0.07
CHAFFEE___LFGE 323603	70.11 -5.69 0.00	69.71 -5.80 0.00	52.69 -4.17 0.00	66.93 -4.67 0.00	81.25 -3.79 0.00	93.66 -2.52 0.00	108.29 -4.94 0.00	144.25 -6.46 0.00	130.30 -5.40 0.00	153.02 -6.42 0.00	140.31 -6.64 0.00	130.17 -5.42 0.00	139.21 -6.00 0.00	150.24 -6.80 0.00	155.07 -7.01 0.00	166.13 -8.26 2.23	223.39 -8.03 9.77	231.83 -7.25 18.06	226.89 -8.68 0.00	204.73 -8.87 0.00	207.31 -9.93 0.00	179.72 -11.05 0.00	169.65 -9.94 0.00	156.01 -7.49 8.53
CHATEAUG_35_KV_LOAD 355732	77.55 1.74 0.00	77.21 1.69 0.00	57.70 0.84 0.00	71.72 0.12 0.00	85.61 0.57 0.00	96.22 0.03 0.00	112.80 -0.43 0.00	151.47 0.76 0.00	137.56 1.86 0.00	161.76 2.32 0.00	149.13 2.18 0.00	137.82 2.23 0.00	148.30 3.10 0.00	160.36 3.32 0.00	165.75 3.68 0.00	180.66 4.03 0.00	247.16 5.98 0.00	262.14 5.00 0.00	239.57 4.00 0.00	216.49 2.89 0.00	219.45 2.21 0.00	192.42 1.66 0.00	181.79 2.20 0.00	174.58 2.55 0.00
CHATEAUG_WT_PWR 323614	77.20 1.40 0.00	76.85 1.34 0.00	57.46 0.60 0.00	71.47 -0.13 0.00	85.28 0.24 0.00	95.81 -0.37 0.00	112.22 -1.01 0.00	150.53 -0.19 0.00	136.65 0.95 0.00	160.74 1.29 0.00	148.30 1.35 0.00	137.05 1.46 0.00	147.47 2.28 0.00	159.55 2.51 0.00	164.82 2.74 0.00	179.48 2.86 0.00	245.32 4.13 0.00	260.16 3.02 0.00	237.79 2.22 0.00	215.02 1.42 0.00	217.95 0.71 0.00	191.12 0.35 0.00	180.67 1.08 0.00	173.48 1.44 0.00
CHAT_HIGH_FALL_HYD 323578	77.55 1.74 0.00	77.21 1.69 0.00	57.70 0.84 0.00	71.72 0.12 0.00	85.61 0.57 0.00	96.22 0.03 0.00	112.80 -0.43 0.00	151.47 0.76 0.00	137.56 1.86 0.00	161.76 2.32 0.00	149.13 2.18 0.00	137.82 2.23 0.00	148.30 3.10 0.00	160.36 3.32 0.00	165.75 3.68 0.00	180.66 4.03 0.00	247.16 5.98 0.00	262.14 5.00 0.00	239.57 4.00 0.00	216.49 2.89 0.00	219.45 2.21 0.00	192.42 1.66 0.00	181.79 2.20 0.00	174.58 2.55 0.00
CHAUTAUQUA___LFGE 323629	69.32 -6.49 0.00	69.17 -6.35 0.00	52.19 -4.67 0.00	66.29 -5.31 0.00	80.47 -4.56 0.00	93.32 -2.87 0.00	108.51 -4.72 0.00	144.35 -6.36 0.00	131.10 -4.60 0.00	154.47 -4.96 0.00	141.16 -5.79 0.00	131.27 -4.32 0.00	139.84 -5.36 0.00	151.09 -5.95 0.00	156.28 -5.79 0.00	167.75 -6.55 2.32	225.44 -5.58 10.17	234.06 -4.28 18.80	230.41 -5.17 0.00	207.97 -5.63 0.00	211.25 -5.99 0.00	182.20 -8.57 0.00	171.02 -8.56 0.00	156.57 -6.59 8.88
CHERRYST_13_KV_LD 356241	78.48 2.68 0.00	78.27 2.75 0.00	58.91 2.05 0.00	74.01 2.41 0.00	87.18 2.15 0.00	98.85 2.67 0.00	117.24 4.01 0.00	155.94 5.23 0.00	140.49 4.80 0.00	165.92 6.48 0.00	154.26 7.31 0.00	142.39 6.81 0.00	152.76 7.56 0.00	165.32 8.28 0.00	170.19 8.12 0.00	185.59 8.97 0.00	253.00 11.81 0.00	271.14 14.00 0.00	248.19 12.61 0.00	225.29 11.69 0.00	229.23 11.99 0.00	201.79 10.86 -0.16	190.40 8.54 -2.27	179.09 6.98 -0.07

CHESTROR_138KV_BK263 355645	77.49 1.68 0.00	77.28 1.76 0.00	58.20 1.34 0.00	73.17 1.57 0.00	86.32 1.29 0.00	97.84 1.65 0.00	115.87 2.65 0.00	154.10 3.38 0.00	138.59 2.89 0.00	163.23 3.79 0.00	151.33 4.38 0.00	139.59 4.01 0.00	149.47 4.27 0.00	161.88 4.84 0.00	166.94 4.86 0.00	182.06 5.43 0.00	248.11 6.92 0.00	265.68 8.54 0.00	243.40 7.82 0.00	221.00 7.40 0.00	225.00 7.76 0.00	198.14 7.24 -0.13	187.26 5.82 -1.85	176.86 4.76 -0.06
CH_MIDHUDSON___DRP 24192	78.42 2.61 0.00	78.26 2.74 0.00	58.94 2.08 0.00	74.11 2.51 0.00	87.45 2.41 0.00	99.03 2.85 0.00	117.28 4.06 0.00	156.08 5.37 0.00	140.33 4.63 0.00	165.23 5.79 0.00	153.25 6.30 0.00	141.35 5.77 0.00	151.49 6.29 0.00	164.00 6.96 0.00	169.17 7.09 0.00	184.50 7.88 0.00	251.56 10.37 0.00	269.30 12.16 0.00	246.91 11.33 0.00	224.24 10.63 0.00	228.24 11.00 0.00	200.83 9.94 -0.12	189.62 8.29 -1.74	179.19 7.10 -0.05
CH_MISC_IPPS 23765	78.76 2.95 0.00	78.58 3.07 0.00	59.18 2.32 0.00	74.43 2.83 0.00	87.84 2.81 0.00	99.52 3.33 0.00	117.85 4.62 0.00	156.81 6.09 0.00	141.11 5.41 0.00	166.28 6.84 0.00	154.18 7.23 0.00	142.18 6.59 0.00	152.39 7.19 0.00	165.04 8.00 0.00	170.31 8.24 0.00	185.81 9.18 0.00	253.06 11.87 0.00	271.10 13.96 0.00	248.89 13.31 0.00	226.05 12.45 0.00	230.03 12.79 0.00	202.35 11.46 -0.11	190.79 9.61 -1.59	180.32 8.23 -0.05
CH_RES_BVR_FALLS 23983	75.82 0.01 0.00	75.51 0.00 0.00	56.85 -0.01 0.00	71.53 -0.07 0.00	85.03 -0.01 0.00	96.14 -0.04 0.00	113.11 -0.11 0.00	150.57 -0.15 0.00	135.69 -0.01 0.00	159.37 -0.07 0.00	146.82 -0.13 0.00	135.51 -0.08 0.00	145.20 0.00 0.00	157.04 0.00 0.00	162.07 0.00 0.00	176.62 0.00 0.00	241.19 0.00 0.00	257.04 -0.10 0.00	235.34 -0.23 0.00	213.39 -0.21 0.00	217.02 -0.22 0.00	190.54 -0.22 0.00	179.41 -0.18 0.00	171.92 -0.12 0.00
CH_RES_NIAGARA 23895	67.85 -7.95 0.00	67.36 -8.16 0.00	50.99 -5.87 0.00	64.91 -6.68 0.00	78.87 -6.17 0.00	90.60 -5.59 0.00	103.81 -9.41 0.00	137.72 -12.99 0.00	124.60 -11.10 0.00	146.54 -12.90 0.00	133.80 -13.15 0.00	124.44 -11.14 0.00	133.26 -11.94 0.00	143.26 -13.78 0.00	147.60 -14.47 0.00	159.77 -16.85 0.00	221.25 -19.93 0.00	237.10 -20.04 0.00	214.79 -20.79 0.00	193.39 -20.21 0.00	195.74 -21.50 0.00	169.75 -21.02 0.00	161.18 -18.41 0.00	157.47 -14.57 0.00
CH_RES_SYRACUSE 23985	73.91 -1.89 0.00	73.61 -1.90 0.00	55.52 -1.34 0.00	69.96 -1.64 0.00	83.18 -1.85 0.00	94.41 -1.78 0.00	111.02 -2.21 0.00	147.99 -2.73 0.00	134.33 -1.37 0.00	157.55 -1.89 0.00	144.74 -2.21 0.00	133.48 -2.11 0.00	142.77 -2.43 0.00	154.37 -2.67 0.00	159.42 -2.65 0.00	173.97 -2.66 0.00	238.49 -2.70 0.00	255.35 -1.80 0.00	233.61 -1.97 0.00	211.68 -1.92 0.00	215.12 -2.12 0.00	188.26 -2.51 0.00	176.65 -2.94 0.00	169.16 -2.88 0.00
CLINTON_WT_PWR 323605	77.20 1.40 0.00	76.85 1.34 0.00	57.46 0.60 0.00	71.47 -0.13 0.00	85.28 0.24 0.00	95.81 -0.37 0.00	112.22 -1.01 0.00	150.53 -0.19 0.00	136.65 0.95 0.00	160.74 1.29 0.00	148.30 1.35 0.00	137.05 1.46 0.00	147.47 2.28 0.00	159.55 2.51 0.00	164.82 2.74 0.00	179.48 2.86 0.00	245.32 4.13 0.00	260.16 3.02 0.00	237.79 2.22 0.00	215.02 1.42 0.00	217.95 0.71 0.00	191.12 0.35 0.00	180.67 1.08 0.00	173.48 1.44 0.00
CLINTON___LFGE 323618	78.39 2.59 0.00	78.25 2.74 0.00	58.43 1.57 0.00	72.66 1.05 0.00	86.61 1.57 0.00	97.44 1.25 0.00	115.70 2.47 0.00	156.28 5.56 0.00	141.94 6.24 0.00	167.39 7.95 0.00	154.12 7.17 0.00	142.41 6.83 0.00	153.04 7.84 0.00	165.61 8.57 0.00	171.24 9.17 0.00	186.97 10.34 0.00	256.50 15.32 0.00	272.91 15.77 0.00	249.76 14.18 0.00	225.81 12.21 0.00	228.42 11.18 0.00	199.96 9.19 0.00	188.58 8.99 0.00	180.81 8.78 0.00
COBBLENY_34_KV_TB1 80064	70.11 -5.69 0.00	69.71 -5.80 0.00	52.69 -4.17 0.00	66.95 -4.65 0.00	81.25 -3.78 0.00	93.68 -2.51 0.00	108.28 -4.94 0.00	144.18 -6.54 0.00	130.26 -5.44 0.00	153.02 -6.42 0.00	140.33 -6.62 0.00	130.14 -5.45 0.00	139.21 -5.99 0.00	150.24 -6.80 0.00	155.08 -6.99 0.00	168.28 -8.35 0.00	232.91 -8.28 0.00	249.81 -7.33 0.00	226.91 -8.67 0.00	204.73 -8.87 0.00	207.40 -9.84 0.00	179.71 -11.06 0.00	169.57 -10.02 0.00	164.56 -7.48 0.00
COFFEEN___115KV_TB3 355620	77.71 1.90 0.00	74.81 -0.70 0.00	56.49 -0.37 0.00	72.05 0.45 0.00	86.30 1.27 0.00	99.46 3.27 0.00	119.18 5.95 0.00	159.74 9.02 0.00	144.46 8.76 0.00	169.06 9.62 0.00	155.26 8.31 0.00	143.48 7.89 0.00	152.73 7.52 0.00	164.17 7.13 0.00	169.27 7.20 0.00	185.24 8.62 0.00	253.61 12.42 0.00	271.69 14.55 0.00	249.64 14.06 0.00	227.73 14.13 0.00	230.76 13.53 0.00	200.92 10.16 0.00	189.30 9.71 0.00	180.95 8.91 0.00
COLDSPRG_115KV_BK1 355956	70.32 -5.48 0.00	70.28 -5.24 0.00	53.09 -3.77 0.00	67.39 -4.21 0.00	81.67 -3.37 0.00	94.75 -1.44 0.00	110.49 -2.74 0.00	147.62 -3.10 0.00	133.57 -2.13 0.00	157.61 -1.83 0.00	144.47 -2.48 0.00	134.48 -1.10 0.00	143.40 -1.81 0.00	154.88 -2.16 0.00	159.96 -2.11 0.00	174.23 -2.39 0.00	241.50 0.31 0.00	258.62 1.48 0.00	235.48 -0.10 0.00	212.71 -0.89 0.00	215.89 -1.35 0.00	186.79 -3.98 0.00	175.29 -4.30 0.00	169.16 -2.88 0.00
COLONIE_LFGE___ 323577	78.88 3.07 0.00	78.71 3.19 0.00	59.31 2.45 0.00	74.67 3.07 0.00	88.41 3.38 0.00	99.84 3.65 0.00	117.89 4.67 0.00	156.65 5.93 0.00	140.49 4.79 0.00	165.23 5.79 0.00	152.42 5.47 0.00	140.51 4.92 0.00	150.43 5.23 0.00	162.73 5.69 0.00	167.86 5.79 0.00	182.88 6.26 0.00	249.26 8.07 0.00	264.88 7.74 0.00	243.13 7.55 0.00	221.13 7.52 0.00	225.35 8.11 0.00	200.55 7.85 -1.93	214.09 7.69 -26.81	180.01 7.15 -0.82
COOPERNY_115KV_TB1 80082	76.83 1.03 0.00	76.66 1.15 0.00	57.76 0.90 0.00	72.67 1.07 0.00	85.85 0.81 0.00	97.22 1.03 0.00	114.97 1.74 0.00	152.98 2.26 0.00	137.61 1.91 0.00	162.00 2.55 0.00	149.92 2.97 0.00	138.34 2.76 0.00	148.13 2.93 0.00	160.36 3.32 0.00	165.37 3.30 0.00	180.29 3.67 0.00	245.74 4.55 0.00	262.99 5.85 0.00	240.89 5.31 0.00	218.65 5.05 0.00	222.57 5.34 0.00	195.73 4.96 0.00	183.54 3.95 0.00	175.27 3.23 0.00
COPENHAGEN_WT_PWR 323753	76.92 1.11 0.00	73.58 -1.94 0.00	55.59 -1.27 0.00	71.14 -0.46 0.00	85.20 0.17 0.00	98.26 2.07 0.00	117.68 4.45 0.00	157.76 7.04 0.00	142.78 7.08 0.00	167.21 7.77 0.00	153.61 6.66 0.00	141.91 6.33 0.00	151.06 5.86 0.00	162.36 5.32 0.00	167.36 5.28 0.00	183.12 6.50 0.00	250.25 9.06 0.00	267.67 10.53 0.00	246.16 10.59 0.00	224.78 11.18 0.00	227.79 10.55 0.00	198.39 7.62 0.00	187.01 7.42 0.00	178.98 6.95 0.00
CORNELL_____ 23752	75.38 -0.43 0.00	75.01 -0.51 0.00	56.46 -0.41 0.00	71.19 -0.41 0.00	84.95 -0.09 0.00	96.84 0.65 0.00	114.62 1.39 0.00	153.62 2.90 0.00	139.41 3.71 0.00	163.18 3.74 0.00	148.82 1.87 0.00	137.34 1.75 0.00	146.62 1.41 0.00	158.57 1.53 0.00	163.99 1.92 0.00	179.40 2.78 0.00	246.90 5.71 0.00	264.97 7.83 0.00	242.59 7.02 0.00	219.75 6.15 0.00	223.29 6.05 0.00	195.25 4.48 0.00	182.97 3.38 0.00	174.93 2.89 0.00

CORONA V_69_KV_TB1 355595	130.84 3.71 -51.33	157.04 3.51 -78.02	146.13 2.74 -86.53	131.27 3.22 -56.45	145.55 3.07 -57.44	151.02 3.52 -51.31	173.17 4.77 -55.18	227.69 6.31 -70.67	141.36 5.66 0.00	184.82 7.17 -18.21	180.62 7.77 -25.90	148.84 7.34 -5.91	207.84 7.91 -54.72	189.14 8.69 -23.41	219.12 8.51 -48.54	214.86 9.45 -28.79	280.73 12.03 -27.51	601.83 15.71 -328.98	319.23 15.37 -68.27	228.34 14.73 0.00	232.36 15.12 0.00	204.62 13.69 -0.17	192.51 10.65 -2.27	180.41 8.30 -0.07
CORTLAND_115KV_TB3 80093	74.75 -1.05 0.00	74.48 -1.04 0.00	56.12 -0.74 0.00	70.78 -0.82 0.00	84.32 -0.71 0.00	95.92 -0.26 0.00	113.28 0.06 0.00	151.29 0.57 0.00	136.59 0.89 0.00	160.06 0.61 0.00	146.84 -0.11 0.00	135.49 -0.09 0.00	144.74 -0.46 0.00	156.54 -0.50 0.00	161.83 -0.24 0.00	176.82 0.20 0.00	242.63 1.44 0.00	259.95 2.81 0.00	237.98 2.41 0.00	215.65 2.05 0.00	219.25 2.01 0.00	191.95 1.18 0.00	179.96 0.37 0.00	172.16 0.12 0.00
COXSACKIE__GT 23611	81.56 5.75 0.00	81.43 5.91 0.00	61.37 4.51 0.00	77.43 5.83 0.00	91.89 6.85 0.00	103.84 7.66 0.00	122.97 9.75 0.00	164.56 13.84 0.00	147.05 11.35 0.00	170.30 10.86 0.00	155.11 8.16 0.00	142.35 6.76 0.00	152.03 6.82 0.00	164.54 7.50 0.00	170.14 8.06 0.00	188.76 12.13 0.00	260.45 19.27 0.00	277.76 20.62 0.00	254.53 18.95 0.00	230.54 16.94 0.00	234.63 17.39 0.00	204.48 15.57 1.86	168.38 14.60 25.80	184.76 13.52 0.79
CPV_VALLEY__CC1 323721	76.94 1.14 0.00	76.74 1.22 0.00	57.79 0.94 0.00	72.67 1.07 0.00	85.73 0.70 0.00	97.12 0.94 0.00	114.97 1.75 0.00	152.89 2.17 0.00	137.53 1.83 0.00	162.03 2.58 0.00	150.19 3.24 0.00	138.52 2.93 0.00	148.39 3.20 0.00	160.65 3.61 0.00	165.64 3.56 0.00	180.74 3.96 -0.15	246.60 4.74 -0.67	264.59 6.20 -1.24	241.25 5.68 0.00	219.01 5.41 0.00	223.04 5.80 0.00	196.30 5.42 -0.12	185.39 4.17 -1.63	175.99 3.32 -0.64
CPV_VALLEY__CC2 323722	76.94 1.14 0.00	76.74 1.22 0.00	57.79 0.94 0.00	72.67 1.07 0.00	85.73 0.70 0.00	97.12 0.94 0.00	114.97 1.75 0.00	152.89 2.17 0.00	137.53 1.83 0.00	162.03 2.58 0.00	150.19 3.24 0.00	138.52 2.93 0.00	148.39 3.20 0.00	160.65 3.61 0.00	165.64 3.56 0.00	180.74 3.96 -0.15	246.60 4.74 -0.67	264.59 6.20 -1.24	241.25 5.68 0.00	219.01 5.41 0.00	223.04 5.80 0.00	196.30 5.42 -0.12	185.39 4.17 -1.63	175.99 3.32 -0.64
CRESCENT__HYD 24018	78.88 3.07 0.00	78.71 3.19 0.00	59.31 2.45 0.00	74.67 3.07 0.00	88.41 3.38 0.00	99.84 3.65 0.00	117.89 4.67 0.00	156.65 5.93 0.00	140.49 4.79 0.00	165.23 5.79 0.00	152.42 5.47 0.00	140.51 4.92 0.00	150.43 5.23 0.00	162.73 5.69 0.00	167.86 5.79 0.00	182.88 6.26 0.00	249.26 8.07 0.00	264.88 7.74 0.00	243.13 7.55 0.00	221.13 7.52 0.00	225.35 8.11 0.00	200.55 7.85 -1.93	214.09 7.69 -26.81	180.01 7.15 -0.82
CRICKET__VALLEY_CC1 323756	77.74 1.94 0.00	77.59 2.07 0.00	58.43 1.57 0.00	73.45 1.85 0.00	86.61 1.57 0.00	98.06 1.88 0.00	116.13 2.90 0.00	154.36 3.64 0.00	138.77 3.06 0.00	163.30 3.86 0.00	151.44 4.49 0.00	139.64 4.05 0.00	149.48 4.28 0.00	161.92 4.88 0.00	166.94 4.86 0.00	181.82 5.20 0.00	248.05 6.86 0.00	264.97 7.83 0.00	243.07 7.49 0.00	220.89 7.28 0.00	225.03 7.79 0.00	198.29 7.24 -0.28	189.46 5.93 -3.95	177.32 5.16 -0.12
CRICKET__VALLEY_CC2 323757	77.74 1.94 0.00	77.59 2.07 0.00	58.43 1.57 0.00	73.45 1.85 0.00	86.61 1.57 0.00	98.06 1.88 0.00	116.13 2.90 0.00	154.36 3.64 0.00	138.77 3.06 0.00	163.30 3.86 0.00	151.44 4.49 0.00	139.64 4.05 0.00	149.48 4.28 0.00	161.92 4.88 0.00	166.94 4.86 0.00	181.82 5.20 0.00	248.05 6.86 0.00	264.97 7.83 0.00	243.07 7.49 0.00	220.89 7.28 0.00	225.03 7.79 0.00	198.29 7.24 -0.28	189.46 5.93 -3.95	177.32 5.16 -0.12
CRICKET__VALLEY_CC3 323758	77.74 1.94 0.00	77.59 2.07 0.00	58.43 1.57 0.00	73.45 1.85 0.00	86.61 1.57 0.00	98.06 1.88 0.00	116.13 2.90 0.00	154.36 3.64 0.00	138.77 3.06 0.00	163.30 3.86 0.00	151.44 4.49 0.00	139.64 4.05 0.00	149.48 4.28 0.00	161.92 4.88 0.00	166.94 4.86 0.00	181.82 5.20 0.00	248.05 6.86 0.00	264.97 7.83 0.00	243.07 7.49 0.00	220.89 7.28 0.00	225.03 7.79 0.00	198.29 7.24 -0.28	189.46 5.93 -3.95	177.32 5.16 -0.12
CRUCIBLE_METL_DRP 24180	73.91 -1.89 0.00	73.61 -1.91 0.00	55.52 -1.34 0.00	69.96 -1.64 0.00	83.19 -1.85 0.00	94.42 -1.77 0.00	111.02 -2.21 0.00	148.00 -2.72 0.00	134.32 -1.37 0.00	157.55 -1.89 0.00	144.74 -2.21 0.00	133.48 -2.11 0.00	142.77 -2.43 0.00	154.37 -2.67 0.00	159.43 -2.65 0.00	173.95 -2.67 0.00	238.47 -2.72 0.00	255.34 -1.80 0.00	233.62 -1.96 0.00	211.68 -1.92 0.00	215.12 -2.12 0.00	188.26 -2.51 0.00	176.65 -2.93 0.00	169.15 -2.89 0.00
DAHOWA__HYDRO 323763	80.76 4.95 0.00	80.61 5.09 0.00	60.69 3.83 0.00	76.44 4.84 0.00	90.66 5.63 0.00	102.73 6.54 0.00	121.67 8.44 0.00	161.70 10.98 0.00	144.57 8.87 0.00	169.20 9.76 0.00	155.98 9.03 0.00	143.49 7.90 0.00	153.78 8.58 0.00	166.55 9.51 0.00	172.69 10.62 0.00	188.78 12.16 0.00	258.37 17.18 0.00	274.86 17.72 0.00	252.15 16.57 0.00	229.24 15.64 0.00	233.70 16.46 0.00	206.31 14.24 -1.30	211.06 13.48 -17.99	185.18 12.59 -0.55
DANC__LFGE 323619	75.40 -0.41 0.00	73.20 -2.31 0.00	55.26 -1.60 0.00	70.32 -1.28 0.00	84.02 -1.02 0.00	96.26 0.07 0.00	114.56 1.34 0.00	153.24 2.53 0.00	138.54 2.84 0.00	162.42 2.97 0.00	149.37 2.42 0.00	137.94 2.36 0.00	147.06 1.86 0.00	158.44 1.40 0.00	163.36 1.28 0.00	178.49 1.87 0.00	244.01 2.82 0.00	260.97 3.83 0.00	239.60 4.02 0.00	218.20 4.60 0.00	221.35 4.11 0.00	193.20 2.43 0.00	182.08 2.50 0.00	174.30 2.26 0.00
DANSKAMMER__1 23586	78.76 2.95 0.00	78.58 3.07 0.00	59.18 2.32 0.00	74.43 2.83 0.00	87.84 2.81 0.00	99.52 3.33 0.00	117.85 4.62 0.00	156.81 6.09 0.00	141.11 5.41 0.00	166.28 6.84 0.00	154.18 7.23 0.00	142.18 6.59 0.00	152.39 7.19 0.00	165.04 8.00 0.00	170.31 8.24 0.00	185.81 9.18 0.00	253.06 11.87 0.00	271.10 13.96 0.00	248.89 13.31 0.00	226.05 12.45 0.00	230.03 12.79 0.00	202.35 11.46 -0.11	190.79 9.61 -1.59	180.32 8.23 -0.05
DANSKAMMER__2 23589	78.76 2.95 0.00	78.58 3.07 0.00	59.18 2.32 0.00	74.43 2.83 0.00	87.84 2.81 0.00	99.52 3.33 0.00	117.85 4.62 0.00	156.81 6.09 0.00	141.11 5.41 0.00	166.28 6.84 0.00	154.18 7.23 0.00	142.18 6.59 0.00	152.39 7.19 0.00	165.04 8.00 0.00	170.31 8.24 0.00	185.81 9.18 0.00	253.06 11.87 0.00	271.10 13.96 0.00	248.89 13.31 0.00	226.05 12.45 0.00	230.03 12.79 0.00	202.35 11.46 -0.11	190.79 9.61 -1.59	180.32 8.23 -0.05
DANSKAMMER__3 23590	78.76 2.95 0.00	78.58 3.07 0.00	59.18 2.32 0.00	74.43 2.83 0.00	87.84 2.81 0.00	99.52 3.33 0.00	117.85 4.62 0.00	156.81 6.09 0.00	141.11 5.41 0.00	166.28 6.84 0.00	154.18 7.23 0.00	142.18 6.59 0.00	152.39 7.19 0.00	165.04 8.00 0.00	170.31 8.24 0.00	185.81 9.18 0.00	253.06 11.87 0.00	271.10 13.96 0.00	248.89 13.31 0.00	226.05 12.45 0.00	230.03 12.79 0.00	202.35 11.46 -0.11	190.79 9.61 -1.59	180.32 8.23 -0.05

DANSKAMMER___4 23591	78.76 2.95 0.00	78.58 3.07 0.00	59.18 2.32 0.00	74.43 2.83 0.00	87.84 2.81 0.00	99.52 3.33 0.00	117.85 4.62 0.00	156.81 6.09 0.00	141.11 5.41 0.00	166.28 6.84 0.00	154.18 7.23 0.00	142.18 6.59 0.00	152.39 7.19 0.00	165.04 8.00 0.00	170.31 8.24 0.00	185.81 9.18 0.00	253.06 11.87 0.00	271.10 13.96 0.00	248.89 13.31 0.00	226.05 12.45 0.00	230.03 12.79 0.00	202.35 11.46 -0.11	190.79 9.61 -1.59	180.32 8.23 -0.05
DANSKAMMER___DIESEL 23592	78.76 2.96 0.00	78.58 3.07 0.00	59.18 2.32 0.00	74.43 2.83 0.00	87.84 2.81 0.00	99.52 3.34 0.00	117.85 4.62 0.00	156.83 6.12 0.00	141.12 5.42 0.00	166.29 6.84 0.00	154.18 7.23 0.00	142.18 6.59 0.00	152.39 7.19 0.00	165.05 8.01 0.00	170.31 8.24 0.00	185.81 9.19 0.00	253.04 11.85 0.00	271.14 13.99 0.00	248.90 13.32 0.00	226.05 12.45 0.00	230.03 12.79 0.00	202.35 11.47 -0.11	190.78 9.61 -1.59	180.33 8.25 -0.05
DARBY___SOLAR 323810	80.30 4.50 0.00	80.11 4.60 0.00	60.34 3.48 0.00	75.99 4.39 0.00	90.09 5.06 0.00	102.01 5.83 0.00	120.76 7.54 0.00	160.46 9.75 0.00	143.54 7.84 0.00	168.08 8.64 0.00	154.89 7.94 0.00	142.54 6.95 0.00	152.71 7.52 0.00	165.44 8.39 0.00	171.40 9.33 0.00	187.36 10.74 0.00	256.28 15.10 0.00	272.67 15.52 0.00	250.14 14.56 0.00	227.35 13.75 0.00	231.74 14.50 0.00	204.85 12.70 -1.38	210.79 12.06 -19.13	183.85 11.23 -0.59
DASHVILLE___HYD 23610	78.05 2.25 0.00	77.92 2.40 0.00	58.69 1.82 0.00	73.82 2.22 0.00	87.11 2.08 0.00	98.58 2.40 0.00	116.79 3.57 0.00	155.47 4.75 0.00	139.84 4.14 0.00	164.59 5.14 0.00	152.53 5.58 0.00	140.66 5.08 0.00	150.73 5.53 0.00	163.20 6.16 0.00	168.33 6.25 0.00	183.75 7.13 0.00	250.37 9.18 0.00	268.21 11.07 0.00	245.93 10.35 0.00	223.24 9.64 0.00	227.17 9.93 0.00	199.54 9.11 0.34	182.47 7.57 4.69	178.44 6.54 0.14
DELAWARE___LFGE 323621	76.72 0.92 0.00	76.66 1.15 0.00	57.73 0.87 0.00	72.81 1.21 0.00	86.23 1.20 0.00	97.55 1.37 0.00	115.39 2.16 0.00	153.86 3.14 0.00	138.25 2.55 0.00	162.57 3.12 0.00	150.36 3.41 0.00	138.74 3.15 0.00	148.38 3.18 0.00	160.54 3.49 0.00	165.80 3.73 0.00	180.88 4.25 0.00	246.87 5.68 0.00	264.04 6.89 0.00	241.96 6.38 0.00	219.39 5.79 0.00	223.10 5.86 0.00	195.95 5.18 0.00	184.17 4.58 0.00	176.19 4.15 0.00
DERFIELD_115KV_TB7 355931	75.96 0.15 0.00	75.67 0.15 0.00	57.00 0.13 0.00	71.82 0.21 0.00	85.22 0.18 0.00	96.42 0.23 0.00	113.66 0.44 0.00	151.33 0.61 0.00	136.11 0.41 0.00	159.96 0.52 0.00	147.42 0.48 0.00	135.99 0.41 0.00	145.64 0.44 0.00	157.51 0.47 0.00	162.56 0.48 0.00	177.15 0.53 0.00	241.67 0.48 0.00	257.91 0.77 0.00	236.28 0.71 0.00	214.28 0.68 0.00	218.02 0.78 0.00	191.55 0.78 0.00	180.36 0.78 0.00	172.80 0.76 0.00
DOGLEVILLE___HYD 23807	80.85 5.04 0.00	80.78 5.27 0.00	60.81 3.95 0.00	76.53 4.93 0.00	90.69 5.66 0.00	103.18 7.00 0.00	122.51 9.29 0.00	163.60 12.88 0.00	145.42 9.72 0.00	168.49 9.05 0.00	154.72 7.77 0.00	142.65 7.07 0.00	152.39 7.19 0.00	164.98 7.94 0.00	171.72 9.65 0.00	189.48 12.86 0.00	260.70 19.51 0.00	279.07 21.93 0.00	255.87 20.30 0.00	232.22 18.62 0.00	236.45 19.21 0.00	208.21 17.44 0.00	195.90 16.31 0.00	187.21 15.17 0.00
DUNKIRK___115KV_TB_200 55889	69.34 -6.46 0.00	69.17 -6.34 0.00	52.20 -4.66 0.00	66.30 -5.31 0.00	80.45 -4.58 0.00	93.21 -2.98 0.00	108.36 -4.87 0.00	144.05 -6.66 0.00	130.90 -4.80 0.00	154.19 -5.25 0.00	140.87 -6.08 0.00	130.98 -4.60 0.00	139.54 -5.67 0.00	150.76 -6.28 0.00	155.93 -6.14 0.00	169.58 -7.04 0.00	234.81 -6.38 0.00	252.13 -5.01 0.00	229.75 -5.83 0.00	207.42 -6.18 0.00	210.74 -6.49 0.00	181.82 -8.95 0.00	170.68 -8.91 0.00	165.13 -6.91 0.00
DUNKIRK___1 23563	69.34 -6.46 0.00	69.17 -6.34 0.00	52.20 -4.66 0.00	66.30 -5.31 0.00	80.45 -4.58 0.00	93.21 -2.98 0.00	108.36 -4.87 0.00	144.05 -6.66 0.00	130.90 -4.80 0.00	154.19 -5.25 0.00	140.87 -6.08 0.00	130.98 -4.60 0.00	139.54 -5.67 0.00	150.76 -6.28 0.00	155.93 -6.14 0.00	169.58 -7.04 0.00	234.81 -6.38 0.00	252.13 -5.01 0.00	229.75 -5.83 0.00	207.42 -6.18 0.00	210.74 -6.49 0.00	181.82 -8.95 0.00	170.68 -8.91 0.00	165.13 -6.91 0.00
DUNKIRK___2 23564	69.34 -6.46 0.00	69.17 -6.34 0.00	52.20 -4.66 0.00	66.30 -5.31 0.00	80.45 -4.58 0.00	93.21 -2.98 0.00	108.36 -4.87 0.00	144.05 -6.66 0.00	130.90 -4.80 0.00	154.19 -5.25 0.00	140.87 -6.08 0.00	130.98 -4.60 0.00	139.54 -5.67 0.00	150.76 -6.28 0.00	155.93 -6.14 0.00	169.58 -7.04 0.00	234.81 -6.38 0.00	252.13 -5.01 0.00	229.75 -5.83 0.00	207.42 -6.18 0.00	210.74 -6.49 0.00	181.82 -8.95 0.00	170.68 -8.91 0.00	165.13 -6.91 0.00
DUNKIRK___3 23565	69.34 -6.47 0.00	69.08 -6.43 0.00	52.17 -4.69 0.00	66.24 -5.36 0.00	80.32 -4.72 0.00	92.92 -3.26 0.00	107.83 -5.40 0.00	143.31 -7.41 0.00	130.10 -5.60 0.00	153.25 -6.19 0.00	140.05 -6.90 0.00	130.22 -5.37 0.00	138.77 -6.43 0.00	149.95 -7.09 0.00	155.06 -7.02 0.00	168.54 -8.08 0.00	233.18 -8.01 0.00	250.17 -6.97 0.00	227.96 -7.62 0.00	205.80 -7.80 0.00	209.04 -8.20 0.00	180.68 -10.09 0.00	169.81 -9.78 0.00	164.32 -7.72 0.00
DUNKIRK___4 23566	69.34 -6.47 0.00	69.08 -6.43 0.00	52.17 -4.69 0.00	66.24 -5.36 0.00	80.32 -4.72 0.00	92.92 -3.26 0.00	107.83 -5.40 0.00	143.31 -7.41 0.00	130.10 -5.60 0.00	153.25 -6.19 0.00	140.05 -6.90 0.00	130.22 -5.37 0.00	138.77 -6.43 0.00	149.95 -7.09 0.00	155.06 -7.02 0.00	168.54 -8.08 0.00	233.18 -8.01 0.00	250.17 -6.97 0.00	227.96 -7.62 0.00	205.80 -7.80 0.00	209.04 -8.20 0.00	180.68 -10.09 0.00	169.81 -9.78 0.00	164.32 -7.72 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	78.35 2.54 0.00	78.11 2.60 0.00	58.82 1.96 0.00	73.92 2.32 0.00	87.10 2.06 0.00	98.69 2.51 0.00	116.96 3.73 0.00	155.48 4.76 0.00	139.91 4.21 0.00	165.02 5.58 0.00	153.28 6.34 0.00	141.49 5.91 0.00	151.72 6.52 0.00	164.26 7.22 0.00	169.18 7.10 0.00	184.44 7.81 0.00	251.29 10.11 0.00	269.44 12.30 0.00	246.76 11.18 0.00	224.17 10.56 0.00	228.18 10.94 0.00	200.97 10.04 -0.16	189.80 7.95 -2.27	178.65 6.54 -0.07
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	78.03 2.22 0.00	77.84 2.33 0.00	58.62 1.76 0.00	73.70 2.11 0.00	86.96 1.92 0.00	98.57 2.38 0.00	116.74 3.52 0.00	155.33 4.61 0.00	139.69 3.99 0.00	164.54 5.09 0.00	152.53 5.58 0.00	140.68 5.09 0.00	150.71 5.51 0.00	163.19 6.15 0.00	168.41 6.33 0.00	183.70 7.08 0.00	250.40 9.21 0.00	268.25 11.11 0.00	245.87 10.29 0.00	223.29 9.69 0.00	227.31 10.08 0.00	200.02 9.14 -0.10	188.49 7.48 -1.42	178.36 6.28 -0.04
E179THST_138_KV_TB4_REV_LBMP_J 345001	78.27 2.47 0.00	77.97 2.45 0.00	58.68 1.82 0.00	73.66 2.06 0.00	86.63 1.60 0.00	98.25 2.07 0.00	116.70 3.48 0.00	154.40 3.68 0.00	139.05 3.35 0.00	164.07 4.63 0.00	152.93 5.98 0.00	141.16 5.57 0.00	151.50 6.30 0.00	164.14 7.10 0.00	168.61 6.54 0.00	184.03 7.41 0.00	250.71 9.52 0.00	269.04 11.90 0.00	246.34 10.77 0.00	223.68 10.08 0.00	227.62 10.38 0.00	200.36 9.43 -0.16	189.05 7.19 -2.27	178.08 5.97 -0.07

E179THST_13_KV_LOAD 356214	78.60 2.79 0.00	78.25 2.73 0.00	58.91 2.05 0.00	73.94 2.34 0.00	86.96 1.93 0.00	98.63 2.45 0.00	117.21 3.99 0.00	155.14 4.43 0.00	139.75 4.05 0.00	164.95 5.51 0.00	153.67 6.72 0.00	141.92 6.33 0.00	152.35 7.15 0.00	165.06 8.02 0.00	169.52 7.44 0.00	185.04 8.42 0.00	252.26 11.07 0.00	270.65 13.51 0.00	247.82 12.24 0.00	225.07 11.47 0.00	228.92 11.68 0.00	201.46 10.53 -0.16	190.05 8.20 -2.27	179.02 6.92 -0.07
EAST HAMPTON___GT 23717	106.56 2.31 -28.45	120.66 1.90 -43.24	106.34 1.52 -47.96	104.55 1.66 -31.29	118.32 1.45 -31.84	126.73 2.10 -28.44	151.76 3.60 -34.94	207.66 4.84 -52.10	138.93 2.19 -1.04	182.91 5.57 -17.90	179.56 6.57 -26.03	148.71 5.92 -7.21	192.47 5.99 -41.28	186.07 6.68 -22.35	206.86 5.14 -39.65	207.15 5.10 -25.43	272.13 10.68 -20.26	461.60 22.12 -182.34	288.31 18.99 -33.74	232.02 18.42 0.00	241.43 24.19 0.00	214.91 23.97 -0.17	197.62 15.76 -2.27	184.55 10.92 -1.59
EAST RIVER___6 23660	78.21 2.41 0.00	78.00 2.48 0.00	58.72 1.86 0.00	73.76 2.16 0.00	86.85 1.82 0.00	98.49 2.30 0.00	116.86 3.63 0.00	155.42 4.70 0.00	140.04 4.34 0.00	165.44 6.00 0.00	153.83 6.88 0.00	142.03 6.44 0.00	152.34 7.14 0.00	164.93 7.89 0.00	169.73 7.66 0.00	185.11 8.49 0.00	252.38 11.19 0.00	270.48 13.34 0.00	247.55 11.97 0.00	224.74 11.14 0.00	228.69 11.44 0.00	201.25 10.32 -0.16	189.87 8.02 -2.27	178.51 6.40 -0.07
EAST RIVER___7 23524	78.21 2.41 0.00	78.00 2.48 0.00	58.72 1.86 0.00	73.76 2.16 0.00	86.85 1.82 0.00	98.49 2.30 0.00	116.86 3.63 0.00	155.42 4.70 0.00	140.04 4.34 0.00	165.44 6.00 0.00	153.83 6.88 0.00	142.03 6.44 0.00	152.34 7.14 0.00	164.93 7.89 0.00	169.73 7.66 0.00	185.11 8.49 0.00	252.38 11.19 0.00	270.48 13.34 0.00	247.55 11.97 0.00	224.74 11.14 0.00	228.69 11.44 0.00	201.25 10.32 -0.16	189.87 8.02 -2.27	178.51 6.40 -0.07
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	78.13 2.32 0.00	77.91 2.39 0.00	58.67 1.80 0.00	73.71 2.11 0.00	86.88 1.84 0.00	98.49 2.30 0.00	116.67 3.44 0.00	155.24 4.52 0.00	139.66 3.96 0.00	164.71 5.27 0.00	152.94 5.99 0.00	141.12 5.53 0.00	151.31 6.11 0.00	163.79 6.75 0.00	168.73 6.66 0.00	183.95 7.33 0.00	250.68 9.49 0.00	268.71 11.56 0.00	246.06 10.49 0.00	223.52 9.92 0.00	227.55 10.31 0.00	200.40 9.46 -0.16	189.36 7.51 -2.26	178.27 6.17 -0.07
EAST_HAMPTON___DIESEL 23722	106.30 2.05 -28.45	120.41 1.65 -43.24	106.16 1.34 -47.96	104.32 1.43 -31.29	118.06 1.19 -31.84	126.40 1.78 -28.44	151.38 3.22 -34.94	207.15 4.33 -52.10	138.58 1.84 -1.04	182.41 5.06 -17.90	179.13 6.15 -26.03	148.32 5.52 -7.21	192.02 5.54 -41.28	185.57 6.18 -22.35	206.34 4.61 -39.65	206.61 4.56 -25.43	271.86 10.42 -20.26	461.71 22.23 -182.34	288.47 19.15 -33.74	232.14 18.54 0.00	241.46 24.22 0.00	214.94 24.00 -0.17	197.37 15.51 -2.27	184.23 10.61 -1.59
EAST_POINT___SOLAR 323840	78.23 2.43 0.00	77.86 2.34 0.00	58.60 1.74 0.00	73.83 2.23 0.00	87.87 2.83 0.00	100.16 3.97 0.00	118.74 5.52 0.00	158.39 7.67 0.00	139.91 4.21 0.00	160.29 0.85 0.00	147.39 0.44 0.00	136.35 0.77 0.00	146.14 0.94 0.00	158.26 1.22 0.00	164.55 2.48 0.00	183.69 7.06 0.00	255.03 13.84 0.00	273.35 16.21 0.00	250.36 14.79 0.00	226.35 12.75 0.00	229.74 12.51 0.00	201.89 10.54 -0.58	197.13 9.47 -8.07	181.01 8.72 -0.25
EAST_PULASKI___ESR 323781	73.85 -1.95 0.00	72.77 -2.74 0.00	54.90 -1.97 0.00	69.43 -2.17 0.00	82.75 -2.29 0.00	94.27 -1.91 0.00	111.49 -1.74 0.00	148.77 -1.95 0.00	134.34 -1.36 0.00	157.63 -1.82 0.00	145.04 -1.91 0.00	133.87 -1.72 0.00	142.99 -2.21 0.00	154.42 -2.62 0.00	159.33 -2.74 0.00	173.88 -2.74 0.00	237.89 -3.29 0.00	254.41 -2.73 0.00	233.17 -2.40 0.00	211.76 -1.84 0.00	215.07 -2.17 0.00	188.08 -2.69 0.00	177.10 -2.49 0.00	169.60 -2.44 0.00
EAST_RIVER___1 323558	78.29 2.48 0.00	78.07 2.55 0.00	58.78 1.92 0.00	73.83 2.23 0.00	86.94 1.90 0.00	98.57 2.38 0.00	116.88 3.65 0.00	155.44 4.72 0.00	140.04 4.34 0.00	165.32 5.88 0.00	153.74 6.79 0.00	141.90 6.31 0.00	152.22 7.02 0.00	164.77 7.73 0.00	169.60 7.52 0.00	184.92 8.30 0.00	252.04 10.85 0.00	270.16 13.02 0.00	247.40 11.82 0.00	224.57 10.97 0.00	228.52 11.28 0.00	201.14 10.21 -0.16	189.84 7.99 -2.27	178.58 6.47 -0.07
EAST_RIVER___2 323559	78.21 2.41 0.00	78.00 2.48 0.00	58.72 1.86 0.00	73.76 2.16 0.00	86.85 1.82 0.00	98.49 2.30 0.00	116.86 3.63 0.00	155.42 4.70 0.00	140.04 4.34 0.00	165.44 6.00 0.00	153.83 6.88 0.00	142.03 6.44 0.00	152.34 7.14 0.00	164.93 7.89 0.00	169.73 7.66 0.00	185.11 8.49 0.00	252.38 11.19 0.00	270.48 13.34 0.00	247.55 11.97 0.00	224.74 11.14 0.00	228.69 11.44 0.00	201.25 10.32 -0.16	189.87 8.02 -2.27	178.51 6.40 -0.07
EAST___DELAWARE_HYD 23607	76.73 0.92 0.00	76.56 1.04 0.00	57.69 0.83 0.00	72.59 0.99 0.00	85.70 0.67 0.00	97.15 0.97 0.00	115.25 2.03 0.00	153.44 2.73 0.00	137.94 2.24 0.00	162.00 2.56 0.00	149.94 2.99 0.00	138.30 2.71 0.00	148.03 2.83 0.00	160.28 3.24 0.00	165.44 3.36 0.00	180.98 4.36 0.00	247.41 6.22 0.00	265.41 8.27 0.00	243.35 7.77 0.00	220.92 7.32 0.00	224.80 7.56 0.00	197.53 6.76 0.00	184.70 5.11 0.00	176.03 3.99 0.00
EIGHT_POINT___WT_PWR 323820	68.59 -7.22 0.00	68.47 -7.04 0.00	51.74 -5.12 0.00	65.39 -6.21 0.00	79.27 -5.76 0.00	93.26 -2.92 0.00	110.91 -2.32 0.00	150.32 -0.40 0.00	135.22 -0.48 0.00	157.56 -1.88 0.00	143.31 -3.64 0.00	132.63 -2.96 0.00	141.44 -3.77 0.00	154.15 -2.89 0.00	161.13 -0.94 0.00	177.87 0.59 -0.66	249.80 5.71 -2.90	271.79 9.29 -5.36	244.50 8.92 0.00	221.55 7.94 0.00	225.27 8.03 0.00	196.32 5.54 0.00	182.71 3.12 0.00	176.97 2.40 -2.53
ELBRIDGE_115KV_TB2 80188	73.46 -2.35 0.00	73.22 -2.30 0.00	55.21 -1.65 0.00	69.59 -2.01 0.00	82.79 -2.24 0.00	93.99 -2.19 0.00	110.85 -2.38 0.00	147.80 -2.92 0.00	133.53 -2.17 0.00	156.62 -2.82 0.00	143.75 -3.20 0.00	132.56 -3.02 0.00	141.92 -3.28 0.00	153.43 -3.61 0.00	158.48 -3.59 0.00	172.90 -3.72 0.00	237.17 -4.01 0.00	253.85 -3.29 0.00	232.12 -3.45 0.00	210.20 -3.40 0.00	213.91 -3.33 0.00	187.07 -3.70 0.00	175.65 -3.94 0.00	168.34 -3.69 0.00
ELEC_TRO_TEK 24086	129.79 3.27 -50.72	155.70 3.09 -77.10	144.78 2.43 -85.50	130.22 2.84 -55.78	144.40 2.61 -56.76	149.85 2.96 -50.70	171.82 4.07 -54.53	225.83 5.29 -69.83	140.41 4.70 0.00	183.59 6.16 -17.99	179.34 6.80 -25.59	147.78 6.35 -5.84	206.21 6.93 -54.08	187.79 7.61 -23.14	217.50 7.46 -47.97	213.24 8.17 -28.45	278.49 10.12 -27.19	595.61 13.72 -324.75	312.33 13.42 -63.33	226.61 13.00 0.00	230.73 13.49 0.00	203.22 12.29 -0.17	191.27 9.41 -2.27	179.25 7.14 -0.07
ELLENBURG_WT_PWR 323604	77.20 1.40 0.00	76.85 1.34 0.00	57.46 0.60 0.00	71.47 -0.13 0.00	85.28 0.24 0.00	95.81 -0.37 0.00	112.22 -1.01 0.00	150.53 -0.19 0.00	136.65 0.95 0.00	160.74 1.29 0.00	148.30 1.35 0.00	137.05 1.46 0.00	147.47 2.28 0.00	159.55 2.51 0.00	164.82 2.74 0.00	179.48 2.86 0.00	245.32 4.13 0.00	260.16 3.02 0.00	237.79 2.22 0.00	215.02 1.42 0.00	217.95 0.71 0.00	191.12 0.35 0.00	180.67 1.08 0.00	173.48 1.44 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	69.18 -6.62 0.00	68.79 -6.73 0.00	51.99 -4.87 0.00	66.08 -5.52 0.00	80.23 -4.81 0.00	92.41 -3.77 0.00	106.58 -6.64 0.00	141.57 -9.15 0.00	127.97 -7.73 0.00	150.52 -8.92 0.00	137.62 -9.33 0.00	127.88 -7.70 0.00	136.85 -8.35 0.00	147.66 -9.38 0.00	152.46 -9.61 0.00	165.35 -11.27 0.00	228.69 -12.50 0.00	245.07 -12.07 0.00	222.61 -12.97 0.00	200.65 -12.95 0.00	203.23 -14.00 0.00	176.18 -14.59 0.00	166.56 -13.02 0.00	161.82 -10.22 0.00
EMPIRE_CC_1 323656	77.66 1.86 0.00	77.42 1.90 0.00	58.39 1.53 0.00	73.43 1.83 0.00	86.87 1.84 0.00	98.25 2.06 0.00	115.54 2.31 0.00	153.37 2.66 0.00	137.61 1.91 0.00	162.75 3.31 0.00	150.06 3.11 0.00	138.79 3.20 0.00	148.07 2.87 0.00	159.97 2.93 0.00	164.84 2.76 0.00	179.32 2.70 0.00	244.06 2.88 0.00	259.24 2.10 0.00	237.86 2.28 0.00	216.24 2.64 0.00	220.56 3.32 0.00	197.74 4.92 -2.05	213.97 5.93 -28.46	178.43 5.52 -0.87
EMPIRE_CC_2 323658	77.66 1.86 0.00	77.42 1.90 0.00	58.39 1.53 0.00	73.43 1.83 0.00	86.87 1.84 0.00	98.25 2.06 0.00	115.54 2.31 0.00	153.37 2.66 0.00	137.61 1.91 0.00	162.75 3.31 0.00	150.06 3.11 0.00	138.79 3.20 0.00	148.07 2.87 0.00	159.97 2.93 0.00	164.84 2.76 0.00	179.32 2.70 0.00	244.06 2.88 0.00	259.24 2.10 0.00	237.86 2.28 0.00	216.24 2.64 0.00	220.56 3.32 0.00	197.74 4.92 -2.05	213.97 5.93 -28.46	178.43 5.52 -0.87
ENORWICH_115KV_TB1 80156	78.02 2.21 0.00	76.94 1.43 0.00	57.15 0.29 0.00	71.93 0.33 0.00	86.00 0.96 0.00	98.54 2.35 0.00	118.59 5.37 0.00	162.53 11.82 0.00	156.22 20.52 0.00	181.48 22.03 0.00	157.16 10.21 0.00	144.88 9.29 0.00	154.44 9.24 0.00	166.26 9.22 0.00	172.58 10.51 0.00	190.09 13.47 0.00	263.27 22.08 0.00	284.43 27.29 0.00	260.50 24.92 0.00	235.33 21.73 0.00	238.82 21.58 0.00	208.98 18.21 0.00	195.39 15.80 0.00	185.51 13.47 0.00
ERIE_ST__34_KV_TB1-2 80199	70.13 -5.68 0.00	69.73 -5.78 0.00	52.71 -4.16 0.00	66.93 -4.67 0.00	81.17 -3.87 0.00	93.54 -2.64 0.00	108.12 -5.11 0.00	143.91 -6.81 0.00	130.06 -5.64 0.00	153.06 -6.38 0.00	140.15 -6.80 0.00	130.14 -5.45 0.00	139.15 -6.06 0.00	150.16 -6.88 0.00	155.19 -6.88 0.00	168.53 -8.09 0.00	233.31 -7.88 0.00	250.09 -7.05 0.00	227.15 -8.42 0.00	204.96 -8.64 0.00	207.67 -9.57 0.00	180.07 -10.70 0.00	169.91 -9.67 0.00	164.75 -7.29 0.00
ERIE_WT_PWR 323693	69.61 -6.20 0.00	69.22 -6.29 0.00	52.31 -4.55 0.00	66.43 -5.17 0.00	80.74 -4.30 0.00	93.07 -3.12 0.00	107.47 -5.75 0.00	142.87 -7.85 0.00	129.09 -6.61 0.00	151.74 -7.70 0.00	138.78 -8.17 0.00	128.99 -6.59 0.00	137.91 -7.29 0.00	148.85 -8.19 0.00	153.77 -8.30 0.00	164.77 -9.75 2.10	221.76 -10.25 9.19	230.38 -9.77 16.99	224.59 -10.99 0.00	202.61 -10.99 0.00	205.14 -12.10 0.00	177.86 -12.91 0.00	168.06 -11.53 0.00	155.10 -8.91 8.02
ESPRGFLD_115KV_TB1 80157	75.46 -0.34 0.00	75.09 -0.43 0.00	56.46 -0.40 0.00	71.12 -0.48 0.00	84.61 -0.42 0.00	96.30 0.11 0.00	114.15 0.92 0.00	152.62 1.91 0.00	137.37 1.67 0.00	161.22 1.77 0.00	148.80 1.85 0.00	137.42 1.83 0.00	147.15 1.95 0.00	158.98 1.94 0.00	163.99 1.92 0.00	179.54 2.92 0.00	246.99 5.80 0.00	264.46 7.32 0.00	242.34 6.76 0.00	219.09 5.49 0.00	222.45 5.21 0.00	195.08 3.91 -0.41	188.51 3.23 -5.70	175.10 2.89 -0.17
ETNA_115_KV_TB1_REV_LBMP_C 345029	75.26 -0.55 0.00	74.91 -0.61 0.00	56.37 -0.50 0.00	71.09 -0.51 0.00	84.79 -0.24 0.00	96.61 0.43 0.00	114.34 1.11 0.00	153.16 2.44 0.00	138.99 3.29 0.00	162.66 3.22 0.00	148.38 1.43 0.00	136.92 1.34 0.00	146.22 1.02 0.00	158.11 1.07 0.00	163.55 1.47 0.00	178.83 2.21 0.00	245.97 4.78 0.00	263.97 6.83 0.00	241.63 6.05 0.00	218.86 5.26 0.00	222.45 5.21 0.00	194.53 3.76 0.00	182.39 2.80 0.00	174.38 2.34 0.00
ETNA____115KV_TB2 80207	75.26 -0.55 0.00	74.91 -0.61 0.00	56.37 -0.50 0.00	71.09 -0.51 0.00	84.79 -0.24 0.00	96.61 0.43 0.00	114.34 1.11 0.00	153.16 2.44 0.00	138.99 3.29 0.00	162.66 3.22 0.00	148.38 1.43 0.00	136.92 1.34 0.00	146.22 1.02 0.00	158.11 1.07 0.00	163.55 1.47 0.00	178.83 2.21 0.00	245.97 4.78 0.00	263.97 6.83 0.00	241.63 6.05 0.00	218.86 5.26 0.00	222.45 5.21 0.00	194.53 3.76 0.00	182.39 2.80 0.00	174.38 2.34 0.00
EUCLID__115KV_TB2 356179	73.25 -2.55 0.00	72.92 -2.59 0.00	54.99 -1.87 0.00	69.35 -2.25 0.00	82.55 -2.48 0.00	93.71 -2.47 0.00	110.34 -2.88 0.00	147.03 -3.69 0.00	132.58 -3.12 0.00	155.65 -3.79 0.00	143.18 -3.77 0.00	132.15 -3.44 0.00	141.37 -3.84 0.00	152.87 -4.17 0.00	157.82 -4.26 0.00	172.08 -4.54 0.00	235.65 -5.53 0.00	251.94 -5.20 0.00	230.55 -5.02 0.00	208.94 -4.66 0.00	212.32 -4.92 0.00	186.03 -4.73 0.00	174.84 -4.75 0.00	167.39 -4.65 0.00
E_CANADA_CAP_HY 24051	75.77 -0.03 0.00	75.35 -0.16 0.00	56.69 -0.17 0.00	71.34 -0.25 0.00	84.91 -0.12 0.00	96.72 0.53 0.00	114.38 1.15 0.00	152.42 1.70 0.00	136.61 0.90 0.00	159.24 -0.20 0.00	146.74 -0.21 0.00	135.78 0.19 0.00	145.54 0.34 0.00	157.25 0.21 0.00	162.21 0.14 0.00	178.20 1.42 -0.16	246.41 4.53 -0.69	263.97 5.55 -1.28	240.56 4.98 0.00	217.44 3.84 0.00	220.80 3.56 0.00	194.28 2.97 -0.54	189.67 2.66 -7.43	175.47 2.60 -0.83
E_CANADA_MHWK_HY 24050	80.84 5.04 0.00	80.78 5.27 0.00	60.81 3.95 0.00	76.53 4.93 0.00	90.69 5.66 0.00	103.18 7.00 0.00	122.51 9.28 0.00	163.60 12.89 0.00	145.42 9.72 0.00	168.49 9.05 0.00	154.71 7.76 0.00	142.65 7.06 0.00	152.39 7.19 0.00	164.98 7.94 0.00	171.72 9.65 0.00	189.50 12.87 0.00	260.70 19.51 0.00	279.06 21.92 0.00	255.87 20.29 0.00	232.20 18.60 0.00	236.45 19.21 0.00	208.21 17.44 0.00	195.90 16.31 0.00	187.20 15.16 0.00
E_FISHKILL__LBMP 23776	77.91 2.11 0.00	77.74 2.23 0.00	58.55 1.69 0.00	73.60 2.00 0.00	86.79 1.75 0.00	98.22 2.03 0.00	116.29 3.06 0.00	154.70 3.98 0.00	139.13 3.43 0.00	163.95 4.51 0.00	152.11 5.16 0.00	140.33 4.74 0.00	150.38 5.18 0.00	162.84 5.80 0.00	167.76 5.68 0.00	182.83 6.21 0.00	249.02 7.83 0.00	266.59 9.44 0.00	244.30 8.72 0.00	221.87 8.26 0.00	225.89 8.65 0.00	199.03 8.09 -0.17	188.48 6.55 -2.34	177.59 5.48 -0.07
FALCON__SEABRD_CC1 323796	77.69 1.89 0.00	77.57 2.05 0.00	57.96 1.10 0.00	72.02 0.42 0.00	85.78 0.74 0.00	96.22 0.04 0.00	112.44 -0.79 0.00	151.03 0.31 0.00	137.33 1.63 0.00	161.69 2.25 0.00	149.28 2.33 0.00	137.94 2.35 0.00	148.53 3.33 0.00	161.00 3.96 0.00	166.55 4.48 0.00	180.93 4.31 0.00	247.43 6.25 0.00	262.18 5.04 0.00	239.80 4.22 0.00	217.04 3.44 0.00	219.41 2.18 0.00	192.15 1.38 0.00	181.89 2.30 0.00	174.57 2.53 0.00
FALCON__SEABRD_CC2 323797	77.69 1.89 0.00	77.57 2.05 0.00	57.96 1.10 0.00	72.02 0.42 0.00	85.78 0.74 0.00	96.22 0.04 0.00	112.44 -0.79 0.00	151.03 0.31 0.00	137.33 1.63 0.00	161.69 2.25 0.00	149.28 2.33 0.00	137.94 2.35 0.00	148.53 3.33 0.00	161.00 3.96 0.00	166.55 4.48 0.00	180.93 4.31 0.00	247.43 6.25 0.00	262.18 5.04 0.00	239.80 4.22 0.00	217.04 3.44 0.00	219.41 2.18 0.00	192.15 1.38 0.00	181.89 2.30 0.00	174.57 2.53 0.00

FAR ROCKAWAY___4 23548	126.44 4.27 -46.36	150.06 4.07 -70.48	138.17 3.15 -78.16	126.32 3.73 -50.98	140.65 3.73 -51.89	146.84 4.31 -46.35	168.86 5.80 -49.84	222.27 7.71 -63.83	142.62 6.92 0.00	184.57 8.68 -16.44	179.42 9.08 -23.39	149.50 8.57 -5.34	203.95 9.32 -49.43	188.41 10.22 -21.15	216.03 10.10 -43.85	213.85 11.22 -26.00	280.68 18.56 -24.85	573.09 18.13 -297.39	316.59 18.13 -62.88	230.76 17.15 0.00	234.81 17.57 0.00	206.61 15.67 -0.17	194.34 12.48 -2.27	181.98 9.87 -0.07
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	78.36 2.56 0.00	78.13 2.61 0.00	58.83 1.97 0.00	73.90 2.30 0.00	87.02 1.98 0.00	98.64 2.46 0.00	118.01 3.73 -1.05	155.65 4.84 -0.10	140.14 4.43 0.00	174.06 5.97 -8.65	153.74 6.79 0.00	141.90 6.31 0.00	152.26 7.05 0.00	164.80 7.76 0.00	169.62 7.55 0.00	184.97 8.35 0.00	252.14 10.95 0.00	270.29 13.15 0.00	247.44 11.86 0.00	224.63 11.03 0.00	228.63 11.40 0.00	201.29 10.35 -0.16	189.93 8.08 -2.27	178.67 6.56 -0.07
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	78.39 2.59 0.00	78.17 2.66 0.00	58.84 1.98 0.00	73.92 2.32 0.00	87.03 1.99 0.00	98.69 2.50 0.00	117.01 3.78 0.00	155.61 4.90 0.00	140.17 4.47 0.00	165.48 6.04 0.00	153.86 6.91 0.00	141.97 6.39 0.00	152.33 7.13 0.00	164.89 7.85 0.00	169.71 7.63 0.00	185.06 8.43 0.00	252.27 11.08 0.00	270.42 13.28 0.00	247.66 12.08 0.00	224.80 11.20 0.00	228.72 11.49 0.00	201.41 10.48 -0.16	190.07 8.22 -2.27	178.78 6.67 -0.07
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	78.33 2.53 0.00	78.11 2.60 0.00	58.80 1.94 0.00	73.86 2.26 0.00	86.98 1.95 0.00	98.61 2.42 0.00	116.93 3.70 0.00	155.49 4.77 0.00	140.05 4.35 0.00	165.34 5.90 0.00	153.74 6.79 0.00	141.89 6.31 0.00	152.22 7.02 0.00	164.77 7.73 0.00	169.58 7.51 0.00	184.92 8.30 0.00	252.05 10.86 0.00	270.16 13.02 0.00	247.40 11.82 0.00	224.58 10.97 0.00	228.51 11.27 0.00	201.18 10.24 -0.16	189.86 8.01 -2.27	178.61 6.50 -0.07
FARRAGUT___LBMP 323566	78.29 2.48 0.00	78.05 2.54 0.00	58.78 1.91 0.00	73.83 2.23 0.00	86.93 1.90 0.00	98.53 2.34 0.00	116.83 3.60 0.00	155.34 4.62 0.00	139.92 4.22 0.00	165.17 5.73 0.00	153.57 6.62 0.00	141.74 6.15 0.00	152.05 6.85 0.00	164.60 7.56 0.00	169.38 7.31 0.00	184.69 8.07 0.00	251.73 10.54 0.00	269.86 12.72 0.00	247.11 11.53 0.00	224.36 10.76 0.00	228.29 11.05 0.00	201.02 10.09 -0.16	189.69 7.84 -2.27	178.44 6.33 -0.07
FENNER___WINDPWR 24204	75.36 -0.45 0.00	75.05 -0.46 0.00	56.51 -0.35 0.00	71.24 -0.36 0.00	84.88 -0.15 0.00	96.50 0.31 0.00	113.97 0.75 0.00	152.17 1.45 0.00	137.14 1.43 0.00	160.68 1.23 0.00	147.48 0.52 0.00	135.82 0.24 0.00	145.24 0.04 0.00	157.01 -0.03 0.00	162.25 0.18 0.00	177.39 0.58 -0.19	244.04 2.01 -0.84	261.52 2.83 -1.55	238.08 2.50 0.00	215.78 2.17 0.00	219.24 2.01 0.00	192.19 1.42 0.00	180.35 0.76 0.00	173.27 0.50 -0.73
FIBERTEK___ENERGY 23856	73.91 -1.89 0.00	73.61 -1.91 0.00	55.52 -1.34 0.00	69.96 -1.64 0.00	83.19 -1.85 0.00	94.42 -1.77 0.00	111.02 -2.21 0.00	148.00 -2.72 0.00	134.32 -1.37 0.00	157.55 -1.89 0.00	144.74 -2.21 0.00	133.48 -2.11 0.00	142.77 -2.43 0.00	154.37 -2.67 0.00	159.43 -2.65 0.00	173.95 -2.67 0.00	238.47 -2.72 0.00	255.34 -1.80 0.00	233.62 -1.96 0.00	211.68 -1.92 0.00	215.12 -2.12 0.00	188.26 -2.51 0.00	176.65 -2.93 0.00	169.15 -2.89 0.00
FITZPATRICK___ 23598	72.32 -3.49 0.00	72.02 -3.50 0.00	54.29 -2.57 0.00	68.42 -3.18 0.00	81.40 -3.63 0.00	92.32 -3.87 0.00	108.69 -4.53 0.00	144.76 -5.95 0.00	130.53 -5.17 0.00	153.21 -6.23 0.00	140.93 -6.02 0.00	130.09 -5.50 0.00	139.24 -5.96 0.00	150.57 -6.47 0.00	155.42 -6.65 0.00	169.47 -7.15 0.00	231.92 -9.27 0.00	247.71 -9.43 0.00	226.77 -8.81 0.00	205.52 -8.08 0.00	208.95 -8.29 0.00	183.15 -7.62 0.00	172.23 -7.35 0.00	165.00 -7.04 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	78.91 3.11 0.00	78.73 3.22 0.00	59.29 2.43 0.00	74.59 2.99 0.00	88.03 2.99 0.00	99.73 3.54 0.00	118.13 4.91 0.00	157.25 6.53 0.00	141.71 6.01 0.00	167.22 7.78 0.00	155.06 8.11 0.00	142.98 7.40 0.00	153.29 8.08 0.00	166.03 8.99 0.00	171.41 9.33 0.00	186.90 10.28 0.00	253.80 12.61 0.00	272.08 14.94 0.00	250.46 14.88 0.00	227.46 13.86 0.00	231.48 14.24 0.00	203.51 12.63 -0.12	191.89 10.67 -1.64	181.34 9.25 -0.05
FORT ORANGE___ 23900	77.99 2.19 0.00	77.87 2.36 0.00	58.68 1.82 0.00	73.89 2.29 0.00	87.41 2.38 0.00	98.55 2.36 0.00	116.13 2.91 0.00	154.38 3.67 0.00	138.47 2.77 0.00	162.53 3.09 0.00	149.59 2.64 0.00	137.95 2.37 0.00	147.47 2.27 0.00	159.40 2.36 0.00	163.85 1.77 0.00	178.75 2.13 0.00	243.60 2.41 0.00	259.01 1.87 0.00	237.50 1.93 0.00	216.06 2.46 0.00	220.17 2.93 0.00	191.08 3.53 3.22	138.50 3.62 44.71	173.96 3.30 1.37
FORT_DRUM_COGEN 23780	77.62 1.82 0.00	74.66 -0.85 0.00	56.37 -0.49 0.00	71.90 0.30 0.00	86.08 1.05 0.00	99.19 3.01 0.00	118.82 5.59 0.00	159.16 8.45 0.00	144.00 8.30 0.00	168.53 9.09 0.00	154.79 7.84 0.00	143.07 7.48 0.00	152.29 7.09 0.00	163.67 6.63 0.00	168.80 6.73 0.00	184.71 8.09 0.00	252.58 11.39 0.00	270.40 13.26 0.00	248.49 12.92 0.00	226.73 13.13 0.00	229.75 12.51 0.00	200.11 9.34 0.00	188.66 9.07 0.00	180.49 8.45 0.00
FOX_HILLS___ESR 323835	78.63 2.83 0.00	78.42 2.91 0.00	59.03 2.17 0.00	74.11 2.51 0.00	87.03 1.99 0.00	98.52 2.33 0.00	116.82 3.59 0.00	154.12 3.40 0.00	138.67 2.97 0.00	163.61 4.16 0.00	152.30 5.35 0.00	140.48 4.90 0.00	150.75 5.55 0.00	163.07 6.03 0.00	167.58 5.51 0.00	182.87 6.25 0.00	249.31 8.12 0.00	267.50 10.36 0.00	244.88 9.30 0.00	222.38 8.78 0.00	226.80 9.57 0.00	199.67 8.74 -0.16	188.45 6.60 -2.27	177.43 5.32 -0.07
FPL_FAR_ROCK_GT1 24212	126.44 4.26 -46.36	150.05 4.06 -70.48	138.17 3.15 -78.16	126.32 3.73 -50.98	140.64 3.72 -51.89	146.84 4.31 -46.35	168.86 5.79 -49.84	222.24 7.68 -63.83	142.59 6.89 0.00	184.56 8.67 -16.44	179.43 9.09 -23.39	149.50 8.57 -5.34	203.99 9.35 -49.43	188.41 10.22 -21.15	216.04 10.12 -43.85	213.84 11.21 -26.00	280.70 14.66 -24.85	573.01 18.48 -297.39	316.59 18.14 -62.88	230.76 17.15 0.00	234.81 17.57 0.00	206.61 15.67 -0.17	194.31 12.45 -2.27	181.99 9.88 -0.07
FPL_FAR_ROCK_GT2 23815	126.44 4.26 -46.36	150.05 4.06 -70.48	138.17 3.15 -78.16	126.32 3.73 -50.98	140.64 3.72 -51.89	146.84 4.31 -46.35	168.86 5.79 -49.84	222.24 7.68 -63.83	142.59 6.89 0.00	184.56 8.67 -16.44	179.43 9.09 -23.39	149.50 8.57 -5.34	203.99 9.35 -49.43	188.41 10.22 -21.15	216.04 10.12 -43.85	213.84 11.21 -26.00	280.70 14.66 -24.85	573.01 18.48 -297.39	316.59 18.14 -62.88	230.76 17.15 0.00	234.81 17.57 0.00	206.61 15.67 -0.17	194.31 12.45 -2.27	181.99 9.88 -0.07
FRANKLIN_FALL_HYD 24054	78.88 3.07 0.00	78.47 2.96 0.00	58.68 1.82 0.00	73.17 1.57 0.00	87.40 2.36 0.00	98.53 2.35 0.00	115.27 2.05 0.00	155.30 4.58 0.00	141.19 5.49 0.00	166.07 6.63 0.00	153.00 6.05 0.00	141.65 6.06 0.00	151.98 6.78 0.00	163.61 6.57 0.00	169.17 7.09 0.00	184.41 7.79 0.00	252.57 11.38 0.00	268.34 11.20 0.00	245.49 9.91 0.00	221.99 8.39 0.00	225.02 7.79 0.00	197.12 6.35 0.00	186.25 6.66 0.00	178.85 6.81 0.00

FREEPORT_EQUUS_GT1 23764	118.65 3.81 -39.03	138.38 3.54 -59.32	125.42 2.77 -65.78	117.76 3.24 -42.91	131.81 3.10 -43.67	138.69 3.49 -39.01	159.49 4.31 -41.95	210.16 5.72 -53.73	140.77 5.07 0.00	180.40 7.12 -13.84	173.72 7.08 -19.69	146.55 6.47 -4.49	194.16 7.35 -41.60	182.98 8.13 -17.80	206.96 7.98 -36.91	207.30 8.79 -21.89	272.94 10.84 -20.92	519.27 14.51 -247.61	298.73 14.57 -48.58	228.37 14.77 0.00	232.63 15.39 0.00	205.40 14.47 -0.17	193.12 11.27 -2.27	180.73 8.63 -0.07
FREEPORT___CT2 23818	118.65 3.81 -39.03	138.38 3.54 -59.32	125.42 2.77 -65.78	117.76 3.24 -42.91	131.81 3.10 -43.67	138.69 3.49 -39.01	159.49 4.31 -41.95	210.16 5.72 -53.73	140.77 5.07 0.00	180.40 7.12 -13.84	173.72 7.08 -19.69	146.55 6.47 -4.49	194.16 7.35 -41.60	182.98 8.13 -17.80	206.96 7.98 -36.91	207.30 8.79 -21.89	272.94 10.84 -20.92	519.27 14.51 -247.61	298.73 14.57 -48.58	228.37 14.77 0.00	232.63 15.39 0.00	205.40 14.47 -0.17	193.12 11.27 -2.27	180.73 8.63 -0.07
FRESHKLS_33_KV_LOAD 356253	78.96 3.16 0.00	78.81 3.29 0.00	59.31 2.45 0.00	74.48 2.88 0.00	87.35 2.31 0.00	98.80 2.62 0.00	117.02 3.79 0.00	153.70 2.98 0.00	138.32 2.62 0.00	163.24 3.80 0.00	151.94 4.99 0.00	140.15 4.56 0.00	150.39 5.19 0.00	162.64 5.60 0.00	167.13 5.05 0.00	182.46 5.84 0.00	248.77 7.58 0.00	267.03 9.89 0.00	244.29 8.71 0.00	221.92 8.32 0.00	226.82 9.59 0.00	199.67 8.74 -0.16	188.45 6.60 -2.27	177.49 5.38 -0.07
FULTON COGEN____ 23766	72.66 -3.15 0.00	72.28 -3.24 0.00	54.50 -2.37 0.00	68.73 -2.87 0.00	81.78 -3.26 0.00	92.82 -3.36 0.00	109.40 -3.82 0.00	145.84 -4.88 0.00	131.52 -4.18 0.00	154.45 -4.99 0.00	142.10 -4.85 0.00	131.14 -4.45 0.00	140.24 -4.96 0.00	151.64 -5.40 0.00	156.56 -5.51 0.00	170.74 -5.88 0.00	233.84 -7.35 0.00	249.91 -7.23 0.00	228.89 -6.69 0.00	207.44 -6.16 0.00	210.87 -6.37 0.00	184.73 -6.03 0.00	173.59 -6.00 0.00	166.15 -5.89 0.00
FULTON___LFGE 323630	78.00 2.20 0.00	77.68 2.16 0.00	58.47 1.61 0.00	73.65 2.04 0.00	87.57 2.53 0.00	99.56 3.38 0.00	117.91 4.69 0.00	157.23 6.52 0.00	140.00 4.30 0.00	162.08 2.64 0.00	148.97 2.02 0.00	137.36 1.78 0.00	147.17 1.97 0.00	158.98 1.94 0.00	165.04 2.96 0.00	182.73 6.11 0.00	252.86 11.68 0.00	270.24 13.10 0.00	247.90 12.32 0.00	224.12 10.52 0.00	227.63 10.39 0.00	200.22 8.86 -0.59	195.80 7.99 -8.22	179.65 7.36 -0.25
G.F.CEMENT___DRP 24184	81.70 5.89 0.00	81.49 5.98 0.00	61.37 4.51 0.00	77.24 5.64 0.00	91.66 6.62 0.00	104.02 7.84 0.00	123.36 10.13 0.00	164.01 13.30 0.00	146.50 10.81 0.00	171.30 11.85 0.00	157.87 10.92 0.00	145.15 9.56 0.00	155.68 10.48 0.00	168.73 11.69 0.00	175.11 13.04 0.00	191.49 14.87 0.00	262.52 21.33 0.00	279.21 22.07 0.00	256.16 20.59 0.00	232.93 19.33 0.00	237.59 20.35 0.00	209.07 17.14 -1.16	211.79 16.16 -16.04	187.58 15.05 -0.49
GARDENVILLE___LBMP 24039	69.28 -6.53 0.00	68.89 -6.62 0.00	52.08 -4.78 0.00	66.15 -5.45 0.00	80.31 -4.72 0.00	92.60 -3.59 0.00	106.93 -6.30 0.00	142.00 -8.72 0.00	128.36 -7.34 0.00	150.97 -8.48 0.00	138.03 -8.92 0.00	128.28 -7.31 0.00	137.19 -8.02 0.00	148.05 -8.99 0.00	152.91 -9.17 0.00	165.88 -10.74 0.00	229.46 -11.72 0.00	245.97 -11.17 0.00	223.49 -12.09 0.00	201.53 -12.07 0.00	204.12 -13.12 0.00	176.92 -13.84 0.00	167.22 -12.36 0.00	162.35 -9.68 0.00
GARDNVLA_35_KV_LD 355827	69.85 -5.95 0.00	69.44 -6.07 0.00	52.50 -4.36 0.00	66.69 -4.91 0.00	81.01 -4.03 0.00	93.38 -2.80 0.00	107.88 -5.35 0.00	143.47 -7.25 0.00	129.69 -6.01 0.00	152.50 -6.94 0.00	139.50 -7.45 0.00	129.67 -5.92 0.00	138.64 -6.56 0.00	149.63 -7.42 0.00	154.55 -7.52 0.00	167.66 -8.96 0.00	231.95 -9.24 0.00	248.80 -8.34 0.00	226.11 -9.47 0.00	203.89 -9.71 0.00	206.47 -10.76 0.00	178.91 -11.85 0.00	168.90 -10.69 0.00	163.90 -8.14 0.00
GELCKHM___115KV_LOAD 80723	73.52 -2.28 0.00	73.20 -2.31 0.00	55.21 -1.64 0.00	69.60 -2.01 0.00	82.80 -2.24 0.00	93.97 -2.21 0.00	110.59 -2.64 0.00	147.37 -3.35 0.00	133.24 -2.46 0.00	156.40 -3.04 0.00	143.73 -3.22 0.00	132.68 -2.91 0.00	141.91 -3.29 0.00	153.43 -3.61 0.00	158.44 -3.63 0.00	172.80 -3.82 0.00	236.79 -4.40 0.00	253.24 -3.90 0.00	231.73 -3.85 0.00	209.99 -3.61 0.00	213.38 -3.85 0.00	186.87 -3.91 0.00	175.55 -4.04 0.00	168.08 -3.96 0.00
GENERAL___MILLS 23808	69.59 -6.21 0.00	69.19 -6.32 0.00	52.31 -4.55 0.00	66.46 -5.15 0.00	80.71 -4.33 0.00	93.00 -3.19 0.00	107.37 -5.86 0.00	142.65 -8.07 0.00	128.92 -6.78 0.00	151.60 -7.84 0.00	138.65 -8.29 0.00	128.86 -6.73 0.00	137.85 -7.35 0.00	148.77 -8.27 0.00	153.65 -8.42 0.00	166.66 -9.97 0.00	230.55 -10.64 0.00	247.17 -9.97 0.00	224.49 -11.08 0.00	202.45 -11.15 0.00	205.04 -12.19 0.00	177.72 -13.05 0.00	167.94 -11.65 0.00	163.02 -9.01 0.00
GE_PLASTICS___DRP 24183	77.74 1.94 0.00	77.64 2.13 0.00	58.51 1.65 0.00	73.69 2.09 0.00	87.15 2.12 0.00	98.23 2.05 0.00	115.77 2.54 0.00	153.85 3.13 0.00	138.14 2.44 0.00	162.39 2.95 0.00	149.68 2.74 0.00	138.14 2.55 0.00	147.72 2.52 0.00	159.70 2.66 0.00	164.38 2.31 0.00	179.01 2.39 0.00	243.65 2.46 0.00	259.43 2.29 0.00	237.78 2.20 0.00	216.00 2.40 0.00	220.06 2.83 0.00	192.06 3.31 2.02	154.87 3.37 28.08	174.37 3.19 0.86
GILBOA___1 23756	77.34 1.54 0.00	77.61 2.09 0.00	58.48 1.62 0.00	73.83 2.23 0.00	87.11 2.08 0.00	97.56 1.38 0.00	115.20 1.98 0.00	153.23 2.51 0.00	137.78 2.08 0.00	162.08 2.63 0.00	149.76 2.81 0.00	138.18 2.59 0.00	147.93 2.73 0.00	160.03 2.99 0.00	165.06 2.98 0.00	179.59 2.81 -0.16	243.76 1.85 -0.73	260.96 2.48 -1.34	237.99 2.42 0.00	216.12 2.52 0.00	219.95 2.71 0.00	193.79 3.02 0.00	182.77 3.19 0.00	175.98 3.31 -0.63
GILBOA___2 23757	77.34 1.54 0.00	77.61 2.09 0.00	58.48 1.62 0.00	73.83 2.23 0.00	87.11 2.08 0.00	97.56 1.38 0.00	115.20 1.98 0.00	153.23 2.51 0.00	137.78 2.08 0.00	162.08 2.63 0.00	149.76 2.81 0.00	138.18 2.59 0.00	147.93 2.73 0.00	160.03 2.99 0.00	165.06 2.98 0.00	179.59 2.81 -0.16	243.76 1.85 -0.73	260.96 2.48 -1.34	237.99 2.42 0.00	216.12 2.52 0.00	219.95 2.71 0.00	193.79 3.02 0.00	182.77 3.19 0.00	175.98 3.31 -0.63
GILBOA___3 23758	77.34 1.54 0.00	77.61 2.09 0.00	58.48 1.62 0.00	73.83 2.23 0.00	87.11 2.08 0.00	97.56 1.38 0.00	115.20 1.98 0.00	153.23 2.51 0.00	137.78 2.08 0.00	162.08 2.63 0.00	149.76 2.81 0.00	138.18 2.59 0.00	147.93 2.73 0.00	160.03 2.99 0.00	165.06 2.98 0.00	179.59 2.81 -0.16	243.76 1.85 -0.73	260.96 2.48 -1.34	237.99 2.42 0.00	216.12 2.52 0.00	219.95 2.71 0.00	193.79 3.02 0.00	182.77 3.19 0.00	175.98 3.31 -0.63
GILBOA___4 23759	77.34 1.54 0.00	77.61 2.09 0.00	58.48 1.62 0.00	73.83 2.23 0.00	87.11 2.08 0.00	97.56 1.38 0.00	115.20 1.98 0.00	153.23 2.51 0.00	137.78 2.08 0.00	162.08 2.63 0.00	149.76 2.81 0.00	138.18 2.59 0.00	147.93 2.73 0.00	160.03 2.99 0.00	165.06 2.98 0.00	179.59 2.81 -0.16	243.76 1.85 -0.73	260.96 2.48 -1.34	237.99 2.42 0.00	216.12 2.52 0.00	219.95 2.71 0.00	193.79 3.02 0.00	182.77 3.19 0.00	175.98 3.31 -0.63

GILBOA____ 23599	77.34 1.54 0.00	77.61 2.09 0.00	58.49 1.62 0.00	73.84 2.23 0.00	87.11 2.08 0.00	97.57 1.39 0.00	115.20 1.98 0.00	153.25 2.53 0.00	137.80 2.11 0.00	162.08 2.64 0.00	149.76 2.81 0.00	138.18 2.60 0.00	147.92 2.72 0.00	160.04 3.00 0.00	165.06 2.98 0.00	179.47 2.85 0.00	243.03 1.84 0.00	259.62 2.48 0.00	237.99 2.42 0.00	216.09 2.49 0.00	219.93 2.70 0.00	193.81 3.04 0.00	182.79 3.20 0.00	175.34 3.30 0.00
GINNA____ 23603	69.01 -6.79 0.00	68.63 -6.89 0.00	51.82 -5.04 0.00	65.60 -6.00 0.00	78.82 -6.22 0.00	90.13 -6.06 0.00	105.37 -7.86 0.00	140.25 -10.46 0.00	126.55 -9.15 0.00	148.54 -10.90 0.00	135.91 -11.04 0.00	125.74 -9.84 0.00	134.51 -10.69 0.00	145.35 -11.69 0.00	150.28 -11.79 0.00	163.01 -12.86 0.75	222.45 -15.46 3.28	235.43 -15.65 6.06	220.23 -15.35 0.00	198.88 -14.72 0.00	201.53 -15.71 0.00	175.56 -15.21 0.00	165.11 -14.47 0.00	155.74 -13.43 2.86
GLEN PARK____ 23778	77.64 1.83 0.00	74.72 -0.79 0.00	56.42 -0.44 0.00	71.97 0.37 0.00	86.20 1.16 0.00	99.35 3.17 0.00	119.04 5.82 0.00	159.56 8.84 0.00	144.31 8.61 0.00	168.85 9.40 0.00	155.05 8.10 0.00	143.27 7.69 0.00	152.53 7.33 0.00	163.95 6.91 0.00	169.04 6.97 0.00	185.00 8.38 0.00	253.25 12.07 0.00	271.21 14.07 0.00	249.26 13.69 0.00	227.39 13.79 0.00	230.42 13.18 0.00	200.63 9.86 0.00	189.04 9.45 0.00	180.71 8.68 0.00
GLENDALE_27_KV_LOAD 356172	78.62 2.81 0.00	78.40 2.89 0.00	59.03 2.17 0.00	74.12 2.52 0.00	87.14 2.11 0.00	98.82 2.64 0.00	117.36 4.13 0.00	155.86 5.14 0.00	140.33 4.63 0.00	165.72 6.28 0.00	154.20 7.25 0.00	142.27 6.69 0.00	152.67 7.46 0.00	165.28 8.24 0.00	169.89 7.82 0.00	185.36 8.74 0.00	252.67 11.48 0.00	270.86 13.72 0.00	247.98 12.41 0.00	225.14 11.54 0.00	229.11 11.87 0.00	201.70 10.77 -0.16	190.25 8.39 -2.27	178.94 6.84 -0.07
GLENWOOD_IC_1_G5 23712	128.83 3.26 -49.76	154.34 3.18 -75.64	143.20 2.45 -83.89	129.22 2.89 -54.72	143.45 2.73 -55.69	149.12 3.20 -49.74	171.14 4.42 -53.49	225.07 5.84 -68.52	140.86 5.16 0.00	183.88 6.79 -17.65	179.43 7.37 -25.10	148.17 6.85 -5.73	205.81 7.55 -53.05	188.01 8.27 -22.70	217.31 8.17 -47.06	213.53 9.00 -27.91	279.42 11.56 -26.67	590.28 14.81 -318.33	310.18 13.96 -60.65	226.98 13.38 0.00	231.09 13.86 0.00	203.38 12.44 -0.17	191.49 9.64 -2.27	179.76 7.66 -0.07
GLENWOOD_IC_2_G1 23688	80.75 2.83 -2.12	81.54 2.80 -3.22	62.59 2.15 -3.58	76.46 2.53 -2.33	89.70 2.29 -2.37	101.02 2.72 -2.12	119.41 3.90 -2.28	158.70 5.06 -2.92	140.18 4.48 0.00	166.15 5.96 -0.75	154.66 6.64 -1.07	141.99 6.16 -0.24	154.25 6.79 -2.26	165.48 7.47 -0.97	171.42 7.33 -2.01	185.85 8.04 -1.19	252.49 10.16 -1.14	283.68 12.94 -13.60	250.90 12.32 -3.00	225.48 11.88 0.00	229.57 12.33 0.00	202.15 11.21 -0.17	190.50 8.65 -2.27	179.04 6.93 -0.07
GLENWOOD_IC_3_G1 23689	80.75 2.83 -2.12	81.54 2.80 -3.22	62.59 2.15 -3.58	76.46 2.53 -2.33	89.70 2.29 -2.37	101.02 2.72 -2.12	119.41 3.90 -2.28	158.70 5.06 -2.92	140.18 4.48 0.00	166.15 5.96 -0.75	154.66 6.64 -1.07	141.99 6.16 -0.24	154.25 6.79 -2.26	165.48 7.47 -0.97	171.42 7.33 -2.01	185.85 8.04 -1.19	252.49 10.16 -1.14	283.68 12.94 -13.60	250.90 12.32 -3.00	225.48 11.88 0.00	229.57 12.33 0.00	202.15 11.21 -0.17	190.50 8.65 -2.27	179.04 6.93 -0.07
GLENWOOD____4 23550	128.83 3.26 -49.76	154.34 3.18 -75.64	143.20 2.45 -83.89	129.22 2.89 -54.72	143.45 2.73 -55.69	149.12 3.20 -49.74	171.14 4.42 -53.49	225.07 5.84 -68.52	140.86 5.16 0.00	183.88 6.79 -17.65	179.43 7.37 -25.10	148.17 6.85 -5.73	205.81 7.55 -53.05	188.01 8.27 -22.70	217.31 8.17 -47.06	213.53 9.00 -27.91	279.42 11.56 -26.67	590.28 14.81 -318.33	310.18 13.96 -60.65	226.98 13.38 0.00	231.09 13.86 0.00	203.38 12.44 -0.17	191.49 9.64 -2.27	179.76 7.66 -0.07
GLENWOOD____5 23614	128.83 3.26 -49.76	154.34 3.18 -75.64	143.20 2.45 -83.89	129.22 2.89 -54.72	143.45 2.73 -55.69	149.12 3.20 -49.74	171.14 4.42 -53.49	225.07 5.84 -68.52	140.86 5.16 0.00	183.88 6.79 -17.65	179.43 7.37 -25.10	148.17 6.85 -5.73	205.81 7.55 -53.05	188.01 8.27 -22.70	217.31 8.17 -47.06	213.53 9.00 -27.91	279.42 11.56 -26.67	590.28 14.81 -318.33	310.18 13.96 -60.65	226.98 13.38 0.00	231.09 13.86 0.00	203.38 12.44 -0.17	191.49 9.64 -2.27	179.76 7.66 -0.07
GLOBAL GREEN_PORT_GT1 23814	107.53 3.27 -28.45	121.62 2.86 -43.24	107.09 2.27 -47.96	105.50 2.62 -31.29	119.46 2.59 -31.84	127.98 3.36 -28.44	153.20 5.04 -34.94	209.38 6.57 -52.10	139.13 2.39 -1.04	184.73 7.39 -17.90	181.16 8.18 -26.03	150.17 7.38 -7.21	194.21 7.73 -41.27	187.99 8.61 -22.35	208.79 7.07 -39.64	209.27 7.22 -25.43	273.10 11.66 -20.26	461.20 21.71 -182.34	288.63 19.31 -33.75	232.21 18.61 0.00	240.71 23.47 0.00	214.22 23.28 -0.17	198.27 16.42 -2.27	185.56 11.94 -1.59
GLOBE____DSASP 323697	67.78 -8.02 0.00	67.29 -8.22 0.00	50.95 -5.92 0.00	64.85 -6.75 0.00	78.81 -6.23 0.00	90.50 -5.68 0.00	103.70 -9.53 0.00	137.54 -13.17 0.00	124.45 -11.25 0.00	146.38 -13.06 0.00	133.66 -13.29 0.00	124.29 -11.30 0.00	133.09 -12.11 0.00	143.05 -13.99 0.00	147.36 -14.72 0.00	159.48 -17.14 0.00	220.89 -20.30 0.00	236.70 -20.45 0.00	214.39 -21.19 0.00	193.03 -20.57 0.00	195.34 -21.90 0.00	169.48 -21.29 0.00	160.93 -18.65 0.00	157.28 -14.76 0.00
GOETHSLN____LBMP 323567	77.80 2.00 0.00	77.59 2.07 0.00	58.40 1.54 0.00	73.36 1.76 0.00	86.34 1.31 0.00	97.92 1.73 0.00	116.08 2.86 0.00	154.50 3.78 0.00	139.10 3.40 0.00	164.22 4.78 0.00	152.65 5.70 0.00	140.86 5.27 0.00	151.08 5.88 0.00	163.54 6.50 0.00	168.37 6.29 0.00	183.61 6.99 0.00	250.28 9.09 0.00	268.25 11.11 0.00	245.55 9.98 0.00	222.92 9.32 0.00	226.84 9.61 0.00	199.76 8.83 -0.16	188.51 6.66 -2.27	177.35 5.24 -0.07
GOLAH____69_KV_TB 1_2 80279	72.09 -3.72 0.00	71.62 -3.90 0.00	54.15 -2.71 0.00	68.65 -2.95 0.00	82.72 -2.32 0.00	94.73 -1.46 0.00	110.09 -3.13 0.00	146.42 -4.29 0.00	132.25 -3.45 0.00	155.12 -4.33 0.00	141.41 -5.54 0.00	130.78 -4.80 0.00	140.02 -5.18 0.00	151.14 -5.90 0.00	156.14 -5.94 0.00	170.06 -6.56 0.00	235.47 -5.72 0.00	252.57 -4.57 0.00	230.11 -5.47 0.00	207.66 -5.94 0.00	210.29 -6.95 0.00	182.85 -7.91 0.00	172.25 -7.34 0.00	165.96 -6.08 0.00
GOODYEAR_LAKE_HYD 323669	76.61 0.80 0.00	76.43 0.91 0.00	57.51 0.65 0.00	72.52 0.93 0.00	86.05 1.02 0.00	97.58 1.40 0.00	115.65 2.42 0.00	154.52 3.80 0.00	138.97 3.27 0.00	163.39 3.95 0.00	150.98 4.03 0.00	139.32 3.74 0.00	149.04 3.83 0.00	161.19 4.15 0.00	166.48 4.40 0.00	181.85 5.23 0.00	249.01 7.83 0.00	266.58 9.44 0.00	244.37 8.79 0.00	221.31 7.71 0.00	224.82 7.58 0.00	197.33 6.38 -0.17	187.53 5.51 -2.43	177.04 4.93 -0.07
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	73.83 -1.97 0.00	73.65 -1.87 0.00	55.49 -1.37 0.00	70.00 -1.60 0.00	83.41 -1.62 0.00	94.98 -1.20 0.00	111.98 -1.24 0.00	149.46 -1.26 0.00	134.76 -0.94 0.00	157.71 -1.74 0.00	145.28 -1.67 0.00	134.32 -1.27 0.00	143.35 -1.85 0.00	155.07 -1.96 0.00	160.36 -1.72 0.00	174.93 -1.70 0.00	239.90 -1.29 0.00	256.81 -0.34 0.00	235.28 -0.30 0.00	213.23 -0.37 0.00	216.98 -0.25 0.00	189.98 -0.79 0.00	178.22 -1.37 0.00	170.60 -1.44 0.00

GOUDEY___7 23579	73.83 -1.97 0.00	73.65 -1.87 0.00	55.49 -1.37 0.00	70.00 -1.60 0.00	83.41 -1.62 0.00	94.98 -1.20 0.00	111.98 -1.24 0.00	149.46 -1.26 0.00	134.76 -0.94 0.00	157.71 -1.74 0.00	145.28 -1.67 0.00	134.32 -1.27 0.00	143.35 -1.85 0.00	155.07 -1.96 0.00	160.36 -1.72 0.00	174.93 -1.70 0.00	239.90 -1.29 0.00	256.81 -0.34 0.00	235.28 -0.30 0.00	213.23 -0.37 0.00	216.98 -0.25 0.00	189.98 -0.79 0.00	178.22 -1.37 0.00	170.60 -1.44 0.00
GOUDEY___8 23580	73.83 -1.97 0.00	73.65 -1.87 0.00	55.49 -1.37 0.00	70.00 -1.60 0.00	83.41 -1.62 0.00	94.98 -1.20 0.00	111.98 -1.24 0.00	149.46 -1.26 0.00	134.76 -0.94 0.00	157.71 -1.74 0.00	145.28 -1.67 0.00	134.32 -1.27 0.00	143.35 -1.85 0.00	155.07 -1.96 0.00	160.36 -1.72 0.00	174.93 -1.70 0.00	239.90 -1.29 0.00	256.81 -0.34 0.00	235.28 -0.30 0.00	213.23 -0.37 0.00	216.98 -0.25 0.00	189.98 -0.79 0.00	178.22 -1.37 0.00	170.60 -1.44 0.00
GOWANUS_GT1_1 24077	78.47 2.67 0.00	78.23 2.72 0.00	58.89 2.03 0.00	73.94 2.34 0.00	86.89 1.85 0.00	98.51 2.32 0.00	116.86 3.63 0.00	154.90 4.18 0.00	139.21 3.51 0.00	164.19 4.75 0.00	152.86 5.91 0.00	141.01 5.42 0.00	151.31 6.11 0.00	163.71 6.67 0.00	168.25 6.17 0.00	183.58 6.96 0.00	250.26 9.07 0.00	268.39 11.25 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.20 9.97 0.00	200.02 9.09 -0.16	188.69 6.84 -2.27	177.63 5.52 -0.07
GOWANUS_GT1_2 24078	78.47 2.67 0.00	78.23 2.72 0.00	58.89 2.03 0.00	73.94 2.34 0.00	86.89 1.85 0.00	98.51 2.32 0.00	116.86 3.63 0.00	154.90 4.18 0.00	139.21 3.51 0.00	164.19 4.75 0.00	152.86 5.91 0.00	141.01 5.42 0.00	151.31 6.11 0.00	163.71 6.67 0.00	168.25 6.17 0.00	183.58 6.96 0.00	250.26 9.07 0.00	268.39 11.25 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.20 9.97 0.00	200.02 9.09 -0.16	188.69 6.84 -2.27	177.63 5.52 -0.07
GOWANUS_GT1_3 24079	78.47 2.67 0.00	78.23 2.72 0.00	58.89 2.03 0.00	73.94 2.34 0.00	86.89 1.85 0.00	98.51 2.32 0.00	116.86 3.63 0.00	154.90 4.18 0.00	139.21 3.51 0.00	164.19 4.75 0.00	152.86 5.91 0.00	141.01 5.42 0.00	151.31 6.11 0.00	163.71 6.67 0.00	168.25 6.17 0.00	183.58 6.96 0.00	250.26 9.07 0.00	268.39 11.25 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.20 9.97 0.00	200.02 9.09 -0.16	188.69 6.84 -2.27	177.63 5.52 -0.07
GOWANUS_GT1_4 24080	78.47 2.67 0.00	78.23 2.72 0.00	58.89 2.03 0.00	73.94 2.34 0.00	86.89 1.85 0.00	98.51 2.32 0.00	116.86 3.63 0.00	154.90 4.18 0.00	139.21 3.51 0.00	164.19 4.75 0.00	152.86 5.91 0.00	141.01 5.42 0.00	151.31 6.11 0.00	163.71 6.67 0.00	168.25 6.17 0.00	183.58 6.96 0.00	250.26 9.07 0.00	268.39 11.25 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.20 9.97 0.00	200.02 9.09 -0.16	188.69 6.84 -2.27	177.63 5.52 -0.07
GOWANUS_GT1_5 24084	78.47 2.67 0.00	78.23 2.72 0.00	58.89 2.03 0.00	73.94 2.34 0.00	86.89 1.85 0.00	98.51 2.32 0.00	116.86 3.63 0.00	154.90 4.18 0.00	139.21 3.51 0.00	164.19 4.75 0.00	152.86 5.91 0.00	141.01 5.42 0.00	151.31 6.11 0.00	163.71 6.67 0.00	168.25 6.17 0.00	183.58 6.96 0.00	250.26 9.07 0.00	268.39 11.25 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.20 9.97 0.00	200.02 9.09 -0.16	188.69 6.84 -2.27	177.63 5.52 -0.07
GOWANUS_GT1_6 24111	78.47 2.67 0.00	78.23 2.72 0.00	58.89 2.03 0.00	73.94 2.34 0.00	86.89 1.85 0.00	98.51 2.32 0.00	116.86 3.63 0.00	154.90 4.18 0.00	139.21 3.51 0.00	164.19 4.75 0.00	152.86 5.91 0.00	141.01 5.42 0.00	151.31 6.11 0.00	163.71 6.67 0.00	168.25 6.17 0.00	183.58 6.96 0.00	250.26 9.07 0.00	268.39 11.25 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.20 9.97 0.00	200.02 9.09 -0.16	188.69 6.84 -2.27	177.63 5.52 -0.07
GOWANUS_GT1_7 24112	78.47 2.67 0.00	78.23 2.72 0.00	58.89 2.03 0.00	73.94 2.34 0.00	86.89 1.85 0.00	98.51 2.32 0.00	116.86 3.63 0.00	154.90 4.18 0.00	139.21 3.51 0.00	164.19 4.75 0.00	152.86 5.91 0.00	141.01 5.42 0.00	151.31 6.11 0.00	163.71 6.67 0.00	168.25 6.17 0.00	183.58 6.96 0.00	250.26 9.07 0.00	268.39 11.25 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.20 9.97 0.00	200.02 9.09 -0.16	188.69 6.84 -2.27	177.63 5.52 -0.07
GOWANUS_GT1_8 24113	78.47 2.67 0.00	78.23 2.72 0.00	58.89 2.03 0.00	73.94 2.34 0.00	86.89 1.85 0.00	98.51 2.32 0.00	116.86 3.63 0.00	154.90 4.18 0.00	139.21 3.51 0.00	164.19 4.75 0.00	152.86 5.91 0.00	141.01 5.42 0.00	151.31 6.11 0.00	163.71 6.67 0.00	168.25 6.17 0.00	183.58 6.96 0.00	250.26 9.07 0.00	268.39 11.25 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.20 9.97 0.00	200.02 9.09 -0.16	188.69 6.84 -2.27	177.63 5.52 -0.07
GOWANUS_GT2_1 24114	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
GOWANUS_GT2_2 24115	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
GOWANUS_GT2_3 24116	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
GOWANUS_GT2_4 24117	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
GOWANUS_GT2_5 24118	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07

GOWANUS_GT2_6 24119	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
GOWANUS_GT2_7 24120	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
GOWANUS_GT2_8 24121	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
GOWANUS_GT3_1 24122	78.47 2.66 0.00	78.24 2.73 0.00	58.89 2.03 0.00	73.93 2.33 0.00	86.88 1.85 0.00	98.50 2.32 0.00	116.86 3.63 0.00	154.81 4.10 0.00	139.19 3.49 0.00	164.15 4.71 0.00	152.86 5.91 0.00	141.00 5.41 0.00	151.32 6.12 0.00	163.67 6.63 0.00	168.22 6.14 0.00	183.56 6.95 0.00	250.20 9.02 0.00	268.37 11.23 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.21 9.97 0.00	200.00 9.07 -0.16	188.72 6.87 -2.27	177.64 5.54 -0.07
GOWANUS_GT3_2 24123	78.47 2.66 0.00	78.24 2.73 0.00	58.89 2.03 0.00	73.93 2.33 0.00	86.88 1.85 0.00	98.50 2.32 0.00	116.86 3.63 0.00	154.81 4.10 0.00	139.19 3.49 0.00	164.15 4.71 0.00	152.86 5.91 0.00	141.00 5.41 0.00	151.32 6.12 0.00	163.67 6.63 0.00	168.22 6.14 0.00	183.56 6.95 0.00	250.20 9.02 0.00	268.37 11.23 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.21 9.97 0.00	200.00 9.07 -0.16	188.72 6.87 -2.27	177.64 5.54 -0.07
GOWANUS_GT3_3 24124	78.47 2.66 0.00	78.24 2.73 0.00	58.89 2.03 0.00	73.93 2.33 0.00	86.88 1.85 0.00	98.50 2.32 0.00	116.86 3.63 0.00	154.81 4.10 0.00	139.19 3.49 0.00	164.15 4.71 0.00	152.86 5.91 0.00	141.00 5.41 0.00	151.32 6.12 0.00	163.67 6.63 0.00	168.22 6.14 0.00	183.56 6.95 0.00	250.20 9.02 0.00	268.37 11.23 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.21 9.97 0.00	200.00 9.07 -0.16	188.72 6.87 -2.27	177.64 5.54 -0.07
GOWANUS_GT3_4 24125	78.47 2.66 0.00	78.24 2.73 0.00	58.89 2.03 0.00	73.93 2.33 0.00	86.88 1.85 0.00	98.50 2.32 0.00	116.86 3.63 0.00	154.81 4.10 0.00	139.19 3.49 0.00	164.15 4.71 0.00	152.86 5.91 0.00	141.00 5.41 0.00	151.32 6.12 0.00	163.67 6.63 0.00	168.22 6.14 0.00	183.56 6.95 0.00	250.20 9.02 0.00	268.37 11.23 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.21 9.97 0.00	200.00 9.07 -0.16	188.72 6.87 -2.27	177.64 5.54 -0.07
GOWANUS_GT3_5 24126	78.47 2.66 0.00	78.24 2.73 0.00	58.89 2.03 0.00	73.93 2.33 0.00	86.88 1.85 0.00	98.50 2.32 0.00	116.86 3.63 0.00	154.81 4.10 0.00	139.19 3.49 0.00	164.15 4.71 0.00	152.86 5.91 0.00	141.00 5.41 0.00	151.32 6.12 0.00	163.67 6.63 0.00	168.22 6.14 0.00	183.56 6.95 0.00	250.20 9.02 0.00	268.37 11.23 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.21 9.97 0.00	200.00 9.07 -0.16	188.72 6.87 -2.27	177.64 5.54 -0.07
GOWANUS_GT3_6 24127	78.47 2.66 0.00	78.24 2.73 0.00	58.89 2.03 0.00	73.93 2.33 0.00	86.88 1.85 0.00	98.50 2.32 0.00	116.86 3.63 0.00	154.81 4.10 0.00	139.19 3.49 0.00	164.15 4.71 0.00	152.86 5.91 0.00	141.00 5.41 0.00	151.32 6.12 0.00	163.67 6.63 0.00	168.22 6.14 0.00	183.56 6.95 0.00	250.20 9.02 0.00	268.37 11.23 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.21 9.97 0.00	200.00 9.07 -0.16	188.72 6.87 -2.27	177.64 5.54 -0.07
GOWANUS_GT3_7 24128	78.47 2.66 0.00	78.24 2.73 0.00	58.89 2.03 0.00	73.93 2.33 0.00	86.88 1.85 0.00	98.50 2.32 0.00	116.86 3.63 0.00	154.81 4.10 0.00	139.19 3.49 0.00	164.15 4.71 0.00	152.86 5.91 0.00	141.00 5.41 0.00	151.32 6.12 0.00	163.67 6.63 0.00	168.22 6.14 0.00	183.56 6.95 0.00	250.20 9.02 0.00	268.37 11.23 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.21 9.97 0.00	200.00 9.07 -0.16	188.72 6.87 -2.27	177.64 5.54 -0.07
GOWANUS_GT3_8 24129	78.47 2.66 0.00	78.24 2.73 0.00	58.89 2.03 0.00	73.93 2.33 0.00	86.88 1.85 0.00	98.50 2.32 0.00	116.86 3.63 0.00	154.81 4.10 0.00	139.19 3.49 0.00	164.15 4.71 0.00	152.86 5.91 0.00	141.00 5.41 0.00	151.32 6.12 0.00	163.67 6.63 0.00	168.22 6.14 0.00	183.56 6.95 0.00	250.20 9.02 0.00	268.37 11.23 0.00	245.71 10.13 0.00	223.14 9.54 0.00	227.21 9.97 0.00	200.00 9.07 -0.16	188.72 6.87 -2.27	177.64 5.54 -0.07
GOWANUS_GT4_1 24130	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.97 2.37 0.00	86.94 1.90 0.00	98.55 2.36 0.00	116.92 3.70 0.00	154.92 4.21 0.00	139.24 3.54 0.00	164.23 4.79 0.00	152.92 5.97 0.00	141.07 5.49 0.00	151.38 6.18 0.00	163.79 6.75 0.00	168.33 6.25 0.00	183.68 7.06 0.00	250.37 9.18 0.00	268.57 11.43 0.00	245.88 10.31 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.12 9.18 -0.16	188.84 6.99 -2.27	177.77 5.66 -0.07
GOWANUS_GT4_2 24131	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.97 2.37 0.00	86.94 1.90 0.00	98.55 2.36 0.00	116.92 3.70 0.00	154.92 4.21 0.00	139.24 3.54 0.00	164.23 4.79 0.00	152.92 5.97 0.00	141.07 5.49 0.00	151.38 6.18 0.00	163.79 6.75 0.00	168.33 6.25 0.00	183.68 7.06 0.00	250.37 9.18 0.00	268.57 11.43 0.00	245.88 10.31 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.12 9.18 -0.16	188.84 6.99 -2.27	177.77 5.66 -0.07
GOWANUS_GT4_3 24132	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.97 2.37 0.00	86.94 1.90 0.00	98.55 2.36 0.00	116.92 3.70 0.00	154.92 4.21 0.00	139.24 3.54 0.00	164.23 4.79 0.00	152.92 5.97 0.00	141.07 5.49 0.00	151.38 6.18 0.00	163.79 6.75 0.00	168.33 6.25 0.00	183.68 7.06 0.00	250.37 9.18 0.00	268.57 11.43 0.00	245.88 10.31 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.12 9.18 -0.16	188.84 6.99 -2.27	177.77 5.66 -0.07
GOWANUS_GT4_4 24133	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.97 2.37 0.00	86.94 1.90 0.00	98.55 2.36 0.00	116.92 3.70 0.00	154.92 4.21 0.00	139.24 3.54 0.00	164.23 4.79 0.00	152.92 5.97 0.00	141.07 5.49 0.00	151.38 6.18 0.00	163.79 6.75 0.00	168.33 6.25 0.00	183.68 7.06 0.00	250.37 9.18 0.00	268.57 11.43 0.00	245.88 10.31 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.12 9.18 -0.16	188.84 6.99 -2.27	177.77 5.66 -0.07

GOWANUS_GT4_5 24134	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.97 2.37 0.00	86.94 1.90 0.00	98.55 2.36 0.00	116.92 3.70 0.00	154.92 4.21 0.00	139.24 3.54 0.00	164.23 4.79 0.00	152.92 5.97 0.00	141.07 5.49 0.00	151.38 6.18 0.00	163.79 6.75 0.00	168.33 6.25 0.00	183.68 7.06 0.00	250.37 9.18 0.00	268.57 11.43 0.00	245.88 10.31 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.12 9.18 -0.16	188.84 6.99 -2.27	177.77 5.66 -0.07
GOWANUS_GT4_6 24135	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.97 2.37 0.00	86.94 1.90 0.00	98.55 2.36 0.00	116.92 3.70 0.00	154.92 4.21 0.00	139.24 3.54 0.00	164.23 4.79 0.00	152.92 5.97 0.00	141.07 5.49 0.00	151.38 6.18 0.00	163.79 6.75 0.00	168.33 6.25 0.00	183.68 7.06 0.00	250.37 9.18 0.00	268.57 11.43 0.00	245.88 10.31 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.12 9.18 -0.16	188.84 6.99 -2.27	177.77 5.66 -0.07
GOWANUS_GT4_7 24136	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.97 2.37 0.00	86.94 1.90 0.00	98.55 2.36 0.00	116.92 3.70 0.00	154.92 4.21 0.00	139.24 3.54 0.00	164.23 4.79 0.00	152.92 5.97 0.00	141.07 5.49 0.00	151.38 6.18 0.00	163.79 6.75 0.00	168.33 6.25 0.00	183.68 7.06 0.00	250.37 9.18 0.00	268.57 11.43 0.00	245.88 10.31 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.12 9.18 -0.16	188.84 6.99 -2.27	177.77 5.66 -0.07
GOWANUS_GT4_8 24137	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.97 2.37 0.00	86.94 1.90 0.00	98.55 2.36 0.00	116.92 3.70 0.00	154.92 4.21 0.00	139.24 3.54 0.00	164.23 4.79 0.00	152.92 5.97 0.00	141.07 5.49 0.00	151.38 6.18 0.00	163.79 6.75 0.00	168.33 6.25 0.00	183.68 7.06 0.00	250.37 9.18 0.00	268.57 11.43 0.00	245.88 10.31 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.12 9.18 -0.16	188.84 6.99 -2.27	177.77 5.66 -0.07
GREATVRV_69_KV_BK1 356245	110.06 4.52 -29.74	124.85 4.12 -45.21	110.30 3.30 -50.14	108.20 3.89 -32.71	122.18 3.86 -33.28	130.24 4.33 -29.73	154.64 6.22 -35.19	209.52 8.30 -50.50	143.13 6.66 -0.77	184.65 8.89 -16.31	180.04 9.47 -23.63	150.50 8.59 -6.33	194.70 9.70 -39.79	188.10 10.57 -20.49	209.63 10.02 -37.54	211.12 10.82 -23.68	274.17 13.15 -19.82	469.15 21.60 -190.41	292.02 20.96 -35.48	233.21 19.61 0.00	237.57 20.33 0.00	209.42 18.48 -0.17	196.67 14.82 -2.27	184.85 11.59 -1.22
GREENBSH_115KV_TB3 55895	77.95 2.15 0.00	77.82 2.30 0.00	58.65 1.79 0.00	73.85 2.25 0.00	87.35 2.31 0.00	98.42 2.23 0.00	115.89 2.66 0.00	153.93 3.22 0.00	138.17 2.48 0.00	162.55 3.11 0.00	149.78 2.83 0.00	138.34 2.75 0.00	147.81 2.61 0.00	159.70 2.66 0.00	164.02 1.94 0.00	178.51 1.89 0.00	242.86 1.68 0.00	258.38 1.24 0.00	236.82 1.24 0.00	215.20 1.60 0.00	219.36 2.12 0.00	190.26 2.91 3.42	135.23 3.08 47.44	173.48 2.90 1.45
GREENDGE_115KV_TB5 80291	73.20 -2.61 0.00	72.89 -2.63 0.00	54.92 -1.94 0.00	69.42 -2.18 0.00	83.56 -1.47 0.00	96.61 0.43 0.00	114.52 1.30 0.00	155.10 4.38 0.00	139.52 3.82 0.00	163.09 3.64 0.00	149.20 2.25 0.00	138.11 2.52 0.00	146.74 1.54 0.00	158.86 1.82 0.00	164.34 2.27 0.00	180.19 3.57 0.00	249.43 8.24 0.00	268.43 11.29 0.00	246.32 10.74 0.00	223.31 9.71 0.00	226.92 9.68 0.00	197.81 7.04 0.00	184.51 4.92 0.00	176.16 4.13 0.00
GREENIDGE___3 23582	73.20 -2.61 0.00	72.89 -2.63 0.00	54.92 -1.94 0.00	69.42 -2.18 0.00	83.56 -1.47 0.00	96.61 0.43 0.00	114.52 1.30 0.00	155.10 4.38 0.00	139.52 3.82 0.00	163.09 3.64 0.00	149.20 2.25 0.00	138.11 2.52 0.00	146.74 1.54 0.00	158.86 1.82 0.00	164.34 2.27 0.00	180.19 3.57 0.00	249.43 8.24 0.00	268.43 11.29 0.00	246.32 10.74 0.00	223.31 9.71 0.00	226.92 9.68 0.00	197.81 7.04 0.00	184.51 4.92 0.00	176.16 4.13 0.00
GREENIDGE___4 23583	73.18 -2.62 0.00	72.88 -2.63 0.00	54.92 -1.95 0.00	69.42 -2.18 0.00	83.56 -1.47 0.00	96.62 0.44 0.00	114.52 1.30 0.00	155.12 4.41 0.00	139.52 3.82 0.00	163.08 3.64 0.00	149.21 2.26 0.00	138.11 2.52 0.00	146.74 1.54 0.00	158.87 1.83 0.00	164.34 2.27 0.00	181.65 3.56 -1.47	255.88 8.26 -6.44	280.32 11.28 -11.90	246.33 10.76 0.00	223.31 9.71 0.00	226.94 9.70 0.00	197.80 7.03 0.00	184.52 4.93 0.00	181.80 4.14 -5.62
GREENLWN_69_KV_BK 3 55738	108.85 3.71 -29.33	123.49 3.39 -44.59	109.04 2.74 -49.44	107.07 3.21 -32.25	120.80 2.94 -32.83	128.54 3.03 -29.32	144.93 3.97 -27.73	184.83 5.02 -29.10	139.15 4.36 0.91	168.79 5.75 -3.59	158.05 6.50 -4.60	141.50 5.97 0.06	173.55 6.63 -21.72	169.50 7.26 -5.20	185.45 6.75 -16.62	192.03 7.23 -8.18	260.30 8.26 -10.86	459.48 14.34 -188.01	284.81 14.30 -34.93	227.35 13.75 0.00	231.67 14.43 0.00	204.10 13.16 -0.17	191.85 9.99 -2.27	177.74 6.96 1.26
GREENWD_138_KV_38B11_REV_LBMP_J 345004	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.97 2.37 0.00	86.94 1.90 0.00	98.55 2.36 0.00	116.92 3.70 0.00	154.92 4.21 0.00	139.24 3.54 0.00	164.25 4.80 0.00	152.92 5.97 0.00	141.07 5.49 0.00	151.38 6.18 0.00	163.79 6.75 0.00	168.33 6.25 0.00	183.68 7.06 0.00	250.37 9.18 0.00	268.57 11.43 0.00	245.88 10.31 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.12 9.18 -0.16	188.84 6.99 -2.27	177.77 5.66 -0.07
GRISSOM___SOLAR 323813	78.43 2.63 0.00	78.14 2.62 0.00	58.83 1.97 0.00	74.09 2.49 0.00	88.03 3.00 0.00	100.01 3.83 0.00	118.40 5.18 0.00	157.89 7.17 0.00	140.34 4.64 0.00	162.32 2.88 0.00	149.02 2.07 0.00	137.35 1.76 0.00	147.12 1.92 0.00	158.82 1.78 0.00	165.19 3.11 0.00	183.11 6.49 0.00	253.40 12.21 0.00	270.81 13.67 0.00	248.29 12.71 0.00	224.71 11.11 0.00	228.28 11.04 0.00	200.85 9.48 -0.60	196.68 8.71 -8.38	180.29 8.00 -0.26
GROVEVILLE___HYD 323602	78.91 3.11 0.00	78.73 3.22 0.00	59.29 2.43 0.00	74.59 2.99 0.00	88.03 2.99 0.00	99.73 3.54 0.00	118.13 4.91 0.00	157.25 6.53 0.00	141.71 6.01 0.00	167.22 7.78 0.00	155.06 8.11 0.00	142.98 7.40 0.00	153.29 8.08 0.00	166.03 8.99 0.00	171.41 9.33 0.00	186.90 10.28 0.00	253.80 12.61 0.00	272.08 14.94 0.00	250.46 14.88 0.00	227.46 13.86 0.00	231.48 14.24 0.00	203.51 12.63 -0.12	191.89 10.67 -1.64	181.34 9.25 -0.05
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	73.91 -1.89 0.00	73.61 -1.91 0.00	55.52 -1.34 0.00	69.96 -1.64 0.00	83.19 -1.85 0.00	94.42 -1.77 0.00	111.02 -2.21 0.00	148.00 -2.72 0.00	134.32 -1.37 0.00	157.55 -1.89 0.00	144.74 -2.21 0.00	133.48 -2.11 0.00	142.77 -2.43 0.00	154.37 -2.67 0.00	159.43 -2.65 0.00	173.95 -2.67 0.00	238.47 -2.72 0.00	255.34 -1.80 0.00	233.62 -1.96 0.00	211.68 -1.92 0.00	215.12 -2.12 0.00	188.26 -2.51 0.00	176.65 -2.93 0.00	169.15 -2.89 0.00
HAMLTNNY_34_KV_TB 80303	73.90 -1.91 0.00	73.62 -1.89 0.00	55.51 -1.35 0.00	70.00 -1.60 0.00	83.42 -1.61 0.00	94.78 -1.40 0.00	111.76 -1.47 0.00	148.99 -1.72 0.00	134.61 -1.09 0.00	157.81 -1.63 0.00	144.64 -2.31 0.00	133.48 -2.10 0.00	142.84 -2.36 0.00	154.49 -2.55 0.00	159.66 -2.42 0.00	174.10 -2.52 0.00	239.20 -1.99 0.00	256.08 -1.06 0.00	234.13 -1.45 0.00	211.95 -1.65 0.00	215.54 -1.70 0.00	188.42 -2.34 0.00	176.85 -2.74 0.00	169.44 -2.60 0.00

HAMPSHIRE___PAPER_HYD 323593	77.55 1.74 0.00	75.91 0.39 0.00	57.14 0.28 0.00	72.19 0.59 0.00	86.07 1.04 0.00	98.27 2.08 0.00	116.03 2.81 0.00	155.13 4.42 0.00	140.30 4.60 0.00	164.48 5.04 0.00	151.24 4.29 0.00	140.41 4.82 0.00	149.65 4.45 0.00	160.07 3.03 0.00	165.41 3.34 0.00	180.46 3.84 0.00	246.41 5.22 0.00	262.81 5.67 0.00	241.12 5.54 0.00	219.28 5.67 0.00	222.34 5.11 0.00	194.37 3.60 0.00	184.05 4.46 0.00	176.73 4.69 0.00
HARDSCRABBLE_WT_PWR 323673	79.55 3.74 0.00	79.42 3.91 0.00	59.77 2.91 0.00	75.16 3.56 0.00	89.10 4.07 0.00	101.49 5.31 0.00	120.41 7.18 0.00	160.89 10.18 0.00	143.51 7.81 0.00	166.92 7.48 0.00	153.35 6.41 0.00	141.41 5.83 0.00	151.15 5.94 0.00	163.56 6.52 0.00	169.88 7.81 0.00	187.00 10.38 0.00	256.82 15.63 0.00	274.68 17.53 0.00	251.68 16.10 0.00	228.35 14.75 0.00	232.57 15.33 0.00	204.53 13.76 0.00	192.49 12.90 0.00	184.22 12.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	78.09 2.28 0.00	77.84 2.32 0.00	58.61 1.75 0.00	73.69 2.09 0.00	86.92 1.89 0.00	98.65 2.47 0.00	116.95 3.72 0.00	155.54 4.82 0.00	139.91 4.21 0.00	164.86 5.42 0.00	152.98 6.03 0.00	141.08 5.50 0.00	151.13 5.93 0.00	163.74 6.70 0.00	168.87 6.79 0.00	184.22 7.60 0.00	251.23 10.04 0.00	269.17 12.03 0.00	246.48 10.90 0.00	223.79 10.19 0.00	227.82 10.58 0.00	200.46 9.56 -0.14	189.28 7.78 -1.91	178.55 6.45 -0.06
HARSNRAD_115KV_TB1 81005	67.92 -7.88 0.00	67.46 -8.05 0.00	50.98 -5.88 0.00	64.78 -6.82 0.00	78.74 -6.30 0.00	90.45 -5.73 0.00	103.72 -9.51 0.00	137.61 -13.10 0.00	124.51 -11.19 0.00	146.45 -12.99 0.00	133.71 -13.24 0.00	124.11 -11.47 0.00	132.89 -12.31 0.00	143.45 -13.59 0.00	148.02 -14.06 0.00	160.31 -16.31 0.00	222.01 -19.18 0.00	237.89 -19.25 0.00	216.07 -19.51 0.00	194.76 -18.84 0.00	197.12 -20.12 0.00	170.82 -19.95 0.00	162.03 -17.56 0.00	158.04 -13.99 0.00
HARZA MOOSE___RIVER 24016	78.70 2.90 0.00	76.52 1.00 0.00	57.72 0.86 0.00	73.07 1.47 0.00	87.22 2.19 0.00	100.12 3.93 0.00	119.48 6.26 0.00	159.86 9.15 0.00	144.34 8.64 0.00	169.20 9.76 0.00	155.68 8.73 0.00	143.89 8.30 0.00	153.31 8.11 0.00	164.98 7.94 0.00	170.60 8.52 0.00	186.29 9.67 0.00	254.72 13.53 0.00	272.45 15.31 0.00	250.13 14.55 0.00	227.84 14.24 0.00	230.85 13.62 0.00	201.69 10.92 0.00	190.03 10.44 0.00	181.80 9.77 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	73.42 -2.39 0.00	73.10 -2.41 0.00	55.16 -1.71 0.00	69.55 -2.05 0.00	82.80 -2.24 0.00	94.00 -2.18 0.00	110.75 -2.47 0.00	147.63 -3.08 0.00	133.16 -2.54 0.00	156.29 -3.15 0.00	143.76 -3.19 0.00	132.69 -2.89 0.00	141.90 -3.30 0.00	153.45 -3.58 0.00	158.45 -3.62 0.00	172.83 -3.79 0.00	236.81 -4.38 0.00	253.28 -3.86 0.00	231.77 -3.80 0.00	210.01 -3.60 0.00	213.47 -3.76 0.00	186.96 -3.81 0.00	175.55 -4.04 0.00	167.99 -4.05 0.00
HELLGATE_13_KV_LD 55870	78.70 2.89 0.00	78.49 2.97 0.00	59.11 2.25 0.00	74.21 2.61 0.00	87.22 2.19 0.00	98.92 2.73 0.00	117.49 4.27 0.00	156.02 5.31 0.00	140.49 4.79 0.00	165.90 6.45 0.00	154.45 7.50 0.00	142.52 6.93 0.00	152.94 7.74 0.00	165.58 8.54 0.00	170.14 8.06 0.00	185.63 9.01 0.00	252.99 11.81 0.00	271.20 14.06 0.00	248.42 12.84 0.00	225.50 11.89 0.00	229.40 12.16 0.00	201.88 10.95 -0.16	190.41 8.56 -2.27	179.17 7.06 -0.07
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	78.70 2.89 0.00	78.49 2.97 0.00	59.11 2.25 0.00	74.21 2.61 0.00	87.22 2.19 0.00	98.92 2.73 0.00	117.49 4.27 0.00	156.02 5.31 0.00	140.49 4.79 0.00	165.90 6.45 0.00	154.45 7.50 0.00	142.52 6.93 0.00	152.94 7.74 0.00	165.58 8.54 0.00	170.14 8.06 0.00	185.63 9.01 0.00	252.99 11.81 0.00	271.20 14.06 0.00	248.42 12.84 0.00	225.50 11.89 0.00	229.40 12.16 0.00	201.88 10.95 -0.16	190.41 8.56 -2.27	179.17 7.06 -0.07
HEMPSTEAD___ 23647	122.04 3.16 -43.08	144.00 3.00 -65.49	131.82 2.34 -72.62	121.69 2.72 -47.37	135.71 2.47 -48.21	142.08 2.83 -43.07	163.36 3.82 -46.31	215.01 4.98 -59.31	140.10 4.40 0.00	180.70 5.98 -15.28	175.18 6.50 -21.73	146.54 6.00 -4.96	197.90 6.76 -45.93	184.11 7.42 -19.65	210.11 7.29 -40.74	208.82 8.04 -24.16	274.28 10.00 -23.09	545.78 13.64 -275.00	301.82 13.37 -52.87	226.52 12.92 0.00	230.71 13.47 0.00	203.29 12.35 -0.17	191.25 9.39 -2.27	179.17 7.06 -0.07
HICKLING___1 23621	71.63 -4.18 0.00	71.38 -4.14 0.00	53.81 -3.05 0.00	68.00 -3.61 0.00	81.75 -3.29 0.00	94.31 -1.87 0.00	111.29 -1.94 0.00	149.39 -1.33 0.00	134.20 -1.50 0.00	157.25 -2.19 0.00	144.18 -2.77 0.00	133.70 -1.88 0.00	142.18 -3.02 0.00	154.05 -2.99 0.00	159.70 -2.38 0.00	174.65 -1.97 0.00	241.06 -0.13 0.00	258.81 1.67 0.00	237.27 1.69 0.00	214.98 1.38 0.00	218.87 1.63 0.00	190.94 0.17 0.00	178.40 -1.19 0.00	170.58 -1.45 0.00
HICKLING___2 23622	71.63 -4.18 0.00	71.38 -4.14 0.00	53.81 -3.05 0.00	68.00 -3.61 0.00	81.75 -3.29 0.00	94.31 -1.87 0.00	111.29 -1.94 0.00	149.39 -1.33 0.00	134.20 -1.50 0.00	157.25 -2.19 0.00	144.18 -2.77 0.00	133.70 -1.88 0.00	142.18 -3.02 0.00	154.05 -2.99 0.00	159.70 -2.38 0.00	174.65 -1.97 0.00	241.06 -0.13 0.00	258.81 1.67 0.00	237.27 1.69 0.00	214.98 1.38 0.00	218.87 1.63 0.00	190.94 0.17 0.00	178.40 -1.19 0.00	170.58 -1.45 0.00
HIGH FALLS___HY 23754	78.50 2.69 0.00	78.30 2.79 0.00	58.99 2.13 0.00	74.20 2.60 0.00	87.58 2.54 0.00	99.38 3.19 0.00	117.96 4.74 0.00	157.09 6.37 0.00	141.36 5.66 0.00	166.17 6.73 0.00	153.94 6.99 0.00	142.07 6.49 0.00	152.12 6.92 0.00	164.67 7.63 0.00	170.02 7.94 0.00	186.03 9.41 0.00	254.33 13.14 0.00	273.15 16.01 0.00	250.42 14.85 0.00	227.29 13.69 0.00	231.31 14.07 0.00	202.97 12.42 0.22	186.69 10.14 3.04	180.63 8.69 0.09
HIGH_RIVER___SOLAR 323847	77.98 2.17 0.00	77.69 2.17 0.00	58.49 1.62 0.00	73.67 2.07 0.00	87.50 2.47 0.00	99.31 3.12 0.00	117.55 4.33 0.00	156.61 5.90 0.00	139.37 3.67 0.00	161.57 2.13 0.00	148.63 1.68 0.00	137.15 1.56 0.00	146.94 1.74 0.00	158.85 1.81 0.00	164.16 2.08 0.00	181.70 5.08 0.00	251.51 10.32 0.00	269.04 11.90 0.00	246.17 10.59 0.00	222.87 9.27 0.00	226.52 9.28 0.00	199.31 7.92 -0.62	195.42 7.28 -8.56	179.07 6.77 -0.26
HILLBURN___GT 23639	77.73 1.93 0.00	77.48 1.96 0.00	58.33 1.47 0.00	73.29 1.69 0.00	86.41 1.38 0.00	98.12 1.94 0.00	116.32 3.10 0.00	154.58 3.87 0.00	139.10 3.40 0.00	164.11 4.67 0.00	152.31 5.36 0.00	140.52 4.94 0.00	150.61 5.41 0.00	163.07 6.03 0.00	168.03 5.96 0.00	183.21 6.59 0.00	249.69 8.51 0.00	267.56 10.42 0.00	245.01 9.43 0.00	222.58 8.98 0.00	226.68 9.44 0.00	199.50 8.59 -0.14	188.34 6.76 -1.99	177.61 5.51 -0.06
HILLSIDE_115KV_TB1 80332	71.20 -4.61 0.00	71.02 -4.50 0.00	53.51 -3.35 0.00	67.57 -4.03 0.00	80.97 -4.07 0.00	93.01 -3.18 0.00	109.69 -3.53 0.00	146.57 -4.14 0.00	131.58 -4.12 0.00	154.46 -4.98 0.00	141.90 -5.05 0.00	131.62 -3.96 0.00	139.99 -5.21 0.00	151.48 -5.56 0.00	156.95 -5.12 0.00	171.32 -5.30 0.00	235.72 -5.46 0.00	252.87 -4.28 0.00	231.91 -3.67 0.00	210.19 -3.41 0.00	214.09 -3.15 0.00	186.90 -3.87 0.00	174.81 -4.78 0.00	167.25 -4.79 0.00

HISHELDN_WT_PWR 323625	68.73 -7.08 0.00	68.37 -7.14 0.00	51.65 -5.21 0.00	65.61 -5.99 0.00	79.71 -5.33 0.00	92.26 -3.93 0.00	106.94 -6.29 0.00	141.19 -9.52 0.00	127.61 -8.09 0.00	150.06 -9.38 0.00	137.19 -9.76 0.00	127.51 -8.08 0.00	136.37 -8.83 0.00	147.19 -9.85 0.00	151.97 -10.10 0.00	162.95 -11.71 1.96	219.68 -12.91 8.60	228.50 -12.73 15.91	221.94 -13.64 0.00	200.07 -13.53 0.00	202.54 -14.69 0.00	175.62 -15.15 0.00	166.10 -13.49 0.00	153.81 -10.71 7.51
HOLTSVILLE_IC_1 23690	108.02 3.84 -28.37	122.11 3.47 -43.12	107.47 2.79 -47.82	106.04 3.23 -31.20	119.86 3.08 -31.75	127.98 3.43 -28.36	153.10 4.77 -35.10	209.52 6.06 -52.74	141.65 4.85 -1.10	184.44 6.68 -18.32	181.03 7.42 -26.67	149.73 6.72 -7.43	194.50 7.47 -41.83	187.89 8.00 -22.85	209.36 6.98 -40.31	209.58 7.03 -25.93	268.21 6.48 -20.54	451.30 12.32 -181.84	281.90 12.68 -33.64	226.00 12.40 0.00	231.18 13.94 0.00	204.64 13.70 -0.17	192.60 10.75 -2.27	181.56 7.85 -1.67
HOLTSVILLE_IC_10 23699	108.73 4.22 -28.70	122.97 3.83 -43.63	108.28 3.04 -48.38	106.73 3.56 -31.56	120.65 3.49 -32.12	128.83 3.96 -28.69	153.30 5.49 -34.59	208.37 7.02 -50.63	142.25 5.65 -0.90	184.04 7.71 -16.89	179.81 8.34 -24.52	149.83 7.56 -6.68	193.61 8.40 -40.01	187.18 9.00 -21.15	208.12 7.95 -38.09	208.96 8.10 -24.24	267.66 6.86 -19.62	454.00 12.90 -183.96	283.39 13.73 -34.09	227.09 13.49 0.00	232.67 15.43 0.00	206.08 15.15 -0.17	194.01 12.15 -2.27	182.55 9.13 -1.38
HOLTSVILLE_IC_2 23691	108.02 3.84 -28.37	122.11 3.47 -43.12	107.47 2.79 -47.82	106.04 3.23 -31.20	119.86 3.08 -31.75	127.98 3.43 -28.36	153.10 4.77 -35.10	209.52 6.06 -52.74	141.65 4.85 -1.10	184.44 6.68 -18.32	181.03 7.42 -26.67	149.73 6.72 -7.43	194.50 7.47 -41.83	187.89 8.00 -22.85	209.36 6.98 -40.31	209.58 7.03 -25.93	268.21 6.48 -20.54	451.30 12.32 -181.84	281.90 12.68 -33.64	226.00 12.40 0.00	231.18 13.94 0.00	204.64 13.70 -0.17	192.60 10.75 -2.27	181.56 7.85 -1.67
HOLTSVILLE_IC_3 23692	108.02 3.84 -28.37	122.11 3.47 -43.12	107.47 2.79 -47.82	106.04 3.23 -31.20	119.86 3.08 -31.75	127.98 3.43 -28.36	153.10 4.77 -35.10	209.52 6.06 -52.74	141.65 4.85 -1.10	184.44 6.68 -18.32	181.03 7.42 -26.67	149.73 6.72 -7.43	194.50 7.47 -41.83	187.89 8.00 -22.85	209.36 6.98 -40.31	209.58 7.03 -25.93	268.21 6.48 -20.54	451.30 12.32 -181.84	281.90 12.68 -33.64	226.00 12.40 0.00	231.18 13.94 0.00	204.64 13.70 -0.17	192.60 10.75 -2.27	181.56 7.85 -1.67
HOLTSVILLE_IC_4 23693	108.02 3.84 -28.37	122.11 3.47 -43.12	107.47 2.79 -47.82	106.04 3.23 -31.20	119.86 3.08 -31.75	127.98 3.43 -28.36	153.10 4.77 -35.10	209.52 6.06 -52.74	141.65 4.85 -1.10	184.44 6.68 -18.32	181.03 7.42 -26.67	149.73 6.72 -7.43	194.50 7.47 -41.83	187.89 8.00 -22.85	209.36 6.98 -40.31	209.58 7.03 -25.93	268.21 6.48 -20.54	451.30 12.32 -181.84	281.90 12.68 -33.64	226.00 12.40 0.00	231.18 13.94 0.00	204.64 13.70 -0.17	192.60 10.75 -2.27	181.56 7.85 -1.67
HOLTSVILLE_IC_5 23694	108.02 3.84 -28.37	122.11 3.47 -43.12	107.47 2.79 -47.82	106.04 3.23 -31.20	119.86 3.08 -31.75	127.98 3.43 -28.36	153.10 4.77 -35.10	209.52 6.06 -52.74	141.65 4.85 -1.10	184.44 6.68 -18.32	181.03 7.42 -26.67	149.73 6.72 -7.43	194.50 7.47 -41.83	187.89 8.00 -22.85	209.36 6.98 -40.31	209.58 7.03 -25.93	268.21 6.48 -20.54	451.30 12.32 -181.84	281.90 12.68 -33.64	226.00 12.40 0.00	231.18 13.94 0.00	204.64 13.70 -0.17	192.60 10.75 -2.27	181.56 7.85 -1.67
HOLTSVILLE_IC_6 23695	108.73 4.22 -28.70	122.97 3.83 -43.63	108.28 3.04 -48.38	106.73 3.56 -31.56	120.65 3.49 -32.12	128.83 3.96 -28.69	153.30 5.49 -34.59	208.37 7.02 -50.63	142.25 5.65 -0.90	184.04 7.71 -16.89	179.81 8.34 -24.52	149.83 7.56 -6.68	193.61 8.40 -40.01	187.18 9.00 -21.15	208.12 7.95 -38.09	208.96 8.10 -24.24	267.66 6.86 -19.62	454.00 12.90 -183.96	283.39 13.73 -34.09	227.09 13.49 0.00	232.67 15.43 0.00	206.08 15.15 -0.17	194.01 12.15 -2.27	182.55 9.13 -1.38
HOLTSVILLE_IC_7 23696	108.73 4.22 -28.70	122.97 3.83 -43.63	108.28 3.04 -48.38	106.73 3.56 -31.56	120.65 3.49 -32.12	128.83 3.96 -28.69	153.30 5.49 -34.59	208.37 7.02 -50.63	142.25 5.65 -0.90	184.04 7.71 -16.89	179.81 8.34 -24.52	149.83 7.56 -6.68	193.61 8.40 -40.01	187.18 9.00 -21.15	208.12 7.95 -38.09	208.96 8.10 -24.24	267.66 6.86 -19.62	454.00 12.90 -183.96	283.39 13.73 -34.09	227.09 13.49 0.00	232.67 15.43 0.00	206.08 15.15 -0.17	194.01 12.15 -2.27	182.55 9.13 -1.38
HOLTSVILLE_IC_8 23697	108.73 4.22 -28.70	122.97 3.83 -43.63	108.28 3.04 -48.38	106.73 3.56 -31.56	120.65 3.49 -32.12	128.83 3.96 -28.69	153.30 5.49 -34.59	208.37 7.02 -50.63	142.25 5.65 -0.90	184.04 7.71 -16.89	179.81 8.34 -24.52	149.83 7.56 -6.68	193.61 8.40 -40.01	187.18 9.00 -21.15	208.12 7.95 -38.09	208.96 8.10 -24.24	267.66 6.86 -19.62	454.00 12.90 -183.96	283.39 13.73 -34.09	227.09 13.49 0.00	232.67 15.43 0.00	206.08 15.15 -0.17	194.01 12.15 -2.27	182.55 9.13 -1.38
HOLTSVILLE_IC_9 23698	108.73 4.22 -28.70	122.97 3.83 -43.63	108.28 3.04 -48.38	106.73 3.56 -31.56	120.65 3.49 -32.12	128.83 3.96 -28.69	153.30 5.49 -34.59	208.37 7.02 -50.63	142.25 5.65 -0.90	184.04 7.71 -16.89	179.81 8.34 -24.52	149.83 7.56 -6.68	193.61 8.40 -40.01	187.18 9.00 -21.15	208.12 7.95 -38.09	208.96 8.10 -24.24	267.66 6.86 -19.62	454.00 12.90 -183.96	283.39 13.73 -34.09	227.09 13.49 0.00	232.67 15.43 0.00	206.08 15.15 -0.17	194.01 12.15 -2.27	182.55 9.13 -1.38
HOMER_HL_115KV_TB2 355744	69.77 -6.03 0.00	69.71 -5.81 0.00	52.74 -4.13 0.00	66.86 -4.74 0.00	80.62 -4.42 0.00	93.07 -3.11 0.00	108.14 -5.09 0.00	144.06 -6.65 0.00	129.76 -5.93 0.00	153.24 -6.20 0.00	140.80 -6.15 0.00	131.26 -4.33 0.00	140.03 -5.17 0.00	151.21 -5.84 0.00	156.08 -5.99 0.00	169.90 -6.72 0.00	235.17 -6.02 0.00	250.74 -6.40 0.00	228.10 -7.48 0.00	206.35 -7.25 0.00	209.73 -7.50 0.00	182.96 -7.80 0.00	172.17 -7.41 0.00	165.66 -6.37 0.00
HOWARD_WT_PWR 323690	68.66 -7.14 0.00	68.53 -6.98 0.00	51.84 -5.02 0.00	65.52 -6.08 0.00	79.42 -5.61 0.00	93.56 -2.63 0.00	111.20 -2.03 0.00	150.30 -0.41 0.00	135.20 -0.50 0.00	157.55 -1.89 0.00	143.30 -3.65 0.00	132.61 -2.98 0.00	141.44 -3.77 0.00	154.28 -2.76 0.00	161.51 -0.56 0.00	178.34 0.96 -0.77	250.81 6.27 -3.35	273.17 9.82 -6.21	244.92 9.34 0.00	221.87 8.27 0.00	225.54 8.30 0.00	196.55 5.78 0.00	182.95 3.36 0.00	177.68 2.71 -2.93
HQ_GEN_CEDARS 23644	77.71 1.90 0.00	77.24 1.73 0.00	58.02 1.16 0.00	72.91 1.31 0.00	86.88 1.84 0.00	98.14 1.95 0.00	114.65 1.42 0.00	152.78 2.06 0.00	137.94 2.24 0.00	161.91 2.47 0.00	149.10 2.15 0.00	139.10 3.52 0.00	148.24 3.03 0.00	158.01 0.96 0.00	164.34 2.27 0.00	179.12 2.50 0.00	244.87 3.69 0.00	260.10 2.96 0.00	238.20 2.62 0.00	215.72 2.12 0.00	219.14 1.90 0.00	192.20 1.43 0.00	181.55 1.96 0.00	174.35 2.31 0.00
HQ_GEN_CEDARS_PROXY 323590	77.71 1.90 0.00	77.24 1.73 0.00	58.01 1.16 0.00	72.91 1.31 0.00	86.88 1.84 0.00	98.14 1.95 0.00	114.65 1.42 0.00	152.78 2.06 0.00	137.93 2.23 0.00	161.91 2.47 0.00	149.10 2.15 0.00	139.11 3.52 0.00	148.23 3.03 0.00	158.01 0.96 0.00	164.35 2.27 0.00	179.12 2.50 0.00	244.87 3.69 0.00	260.11 2.97 0.00	238.21 2.63 0.00	215.72 2.12 0.00	219.13 1.90 0.00	192.21 1.44 0.00	181.55 1.97 0.00	174.35 2.31 0.00

HQ_GEN_IMPORT 323601	76.65 0.85 0.00	76.28 0.76 0.00	57.35 0.49 0.00	72.13 0.53 0.00	85.84 0.81 0.00	96.98 0.79 0.00	113.76 0.54 0.00	151.44 0.72 0.00	136.51 0.81 0.00	160.38 0.94 0.00	147.76 0.82 0.00	136.32 0.74 0.00	146.20 1.00 0.00	158.23 1.05 -0.13	163.16 1.09 0.00	177.75 1.13 0.00	242.89 1.71 0.00	258.34 1.20 0.00	236.72 1.14 0.00	214.46 0.86 0.00	217.91 0.67 0.00	191.29 0.53 0.00	180.28 0.69 0.00	172.85 0.81 0.00
HQ_GEN_WHEEL 23651	76.65 0.85 0.00	76.28 0.76 0.00	57.35 0.49 0.00	72.13 0.53 0.00	85.84 0.81 0.00	96.98 0.79 0.00	113.76 0.54 0.00	151.44 0.72 0.00	136.51 0.81 0.00	160.38 0.94 0.00	147.76 0.82 0.00	136.32 0.74 0.00	146.20 1.00 0.00	158.23 1.05 -0.13	163.16 1.09 0.00	177.75 1.13 0.00	242.89 1.71 0.00	258.34 1.20 0.00	236.72 1.14 0.00	214.46 0.86 0.00	217.91 0.67 0.00	191.29 0.53 0.00	180.28 0.69 0.00	172.85 0.81 0.00
HUDSON AVE_GT_3 23810	78.33 2.53 0.00	78.05 2.54 0.00	58.78 1.91 0.00	73.83 2.23 0.00	86.93 1.90 0.00	98.53 2.34 0.00	116.83 3.60 0.00	155.34 4.62 0.00	139.92 4.22 0.00	165.17 5.73 0.00	153.57 6.62 0.00	141.74 6.15 0.00	152.05 6.85 0.00	164.60 7.56 0.00	169.38 7.31 0.00	184.69 8.07 0.00	251.73 10.54 0.00	269.86 12.72 0.00	247.11 11.53 0.00	224.36 10.76 0.00	228.29 11.05 0.00	201.02 10.09 -0.16	189.69 7.84 -2.27	178.44 6.33 -0.07
HUDSON AVE_GT_4 23540	78.33 2.53 0.00	78.05 2.54 0.00	58.78 1.91 0.00	73.83 2.23 0.00	86.93 1.90 0.00	98.53 2.34 0.00	116.83 3.60 0.00	155.34 4.62 0.00	139.92 4.22 0.00	165.17 5.73 0.00	153.57 6.62 0.00	141.74 6.15 0.00	152.05 6.85 0.00	164.60 7.56 0.00	169.38 7.31 0.00	184.69 8.07 0.00	251.73 10.54 0.00	269.86 12.72 0.00	247.11 11.53 0.00	224.36 10.76 0.00	228.29 11.05 0.00	201.02 10.09 -0.16	189.69 7.84 -2.27	178.44 6.33 -0.07
HUDSON AVE_GT_5 23657	78.33 2.53 0.00	78.05 2.54 0.00	58.78 1.91 0.00	73.83 2.23 0.00	86.93 1.90 0.00	98.53 2.34 0.00	116.83 3.60 0.00	155.34 4.62 0.00	139.92 4.22 0.00	165.17 5.73 0.00	153.57 6.62 0.00	141.74 6.15 0.00	152.05 6.85 0.00	164.60 7.56 0.00	169.38 7.31 0.00	184.69 8.07 0.00	251.73 10.54 0.00	269.86 12.72 0.00	247.11 11.53 0.00	224.36 10.76 0.00	228.29 11.05 0.00	201.02 10.09 -0.16	189.69 7.84 -2.27	178.44 6.33 -0.07
HUDSON_AVE_10 24168	78.16 2.36 0.00	77.94 2.43 0.00	58.67 1.80 0.00	73.68 2.08 0.00	86.75 1.72 0.00	98.27 2.10 0.01	105.51 3.31 11.03	153.94 4.29 1.07	139.61 3.92 0.02	73.69 5.38 91.14	153.30 6.35 0.00	141.61 6.02 0.00	152.01 6.81 0.00	164.62 7.58 0.00	169.43 7.36 0.00	184.67 8.05 0.00	251.73 10.54 0.00	269.91 12.77 0.00	247.10 11.53 0.00	224.29 10.69 0.00	228.22 10.98 0.00	201.08 10.15 -0.16	189.68 7.82 -2.27	178.42 6.31 -0.07
HUDSON___115KV_TB 4 355613	79.47 3.67 0.00	79.37 3.85 0.00	59.81 2.95 0.00	75.37 3.77 0.00	89.28 4.25 0.00	100.74 4.55 0.00	118.94 5.72 0.00	158.46 7.74 0.00	141.90 6.20 0.00	165.69 6.25 0.00	151.89 4.94 0.00	139.82 4.24 0.00	149.51 4.31 0.00	161.74 4.70 0.00	166.60 4.53 0.00	182.99 6.37 0.00	250.62 9.43 0.00	266.91 9.77 0.00	244.65 9.08 0.00	222.29 8.69 0.00	226.36 9.13 0.00	197.07 8.70 2.40	154.57 8.37 33.39	178.80 7.78 1.02
HUNTER MOUNT___DRP 323613	80.12 4.31 0.00	80.03 4.52 0.00	60.31 3.45 0.00	76.04 4.44 0.00	90.17 5.14 0.00	101.77 5.58 0.00	120.20 6.97 0.00	160.31 9.59 0.00	143.45 7.75 0.00	167.18 7.73 0.00	153.07 6.12 0.00	140.79 5.20 0.00	150.50 5.30 0.00	162.81 5.77 0.00	167.90 5.82 0.00	184.69 8.07 0.00	253.26 12.07 0.00	269.68 12.54 0.00	247.23 11.65 0.00	224.48 10.88 0.00	228.50 11.27 0.00	199.41 10.50 1.86	163.92 10.13 25.80	180.78 9.53 0.79
HUNTINGTON_RES_REC 323705	108.66 3.98 -28.88	123.02 3.61 -43.90	108.44 2.90 -48.68	106.73 3.37 -31.75	120.54 3.19 -32.32	128.50 3.44 -28.87	147.89 4.64 -30.03	193.41 5.95 -36.74	140.36 4.90 0.24	174.40 6.54 -8.42	166.09 7.29 -11.84	144.62 6.63 -2.41	180.81 7.38 -28.23	175.92 7.90 -10.98	193.56 7.15 -24.33	198.18 7.58 -13.98	262.10 7.95 -12.97	456.61 14.38 -185.09	284.42 14.52 -34.32	227.61 14.01 0.00	232.32 15.09 0.00	205.06 14.12 -0.17	192.88 11.03 -2.27	179.72 7.97 0.29
HUNTLEY___63 23557	68.62 -7.18 0.00	68.17 -7.34 0.00	51.55 -5.31 0.00	65.54 -6.06 0.00	79.64 -5.39 0.00	91.69 -4.49 0.00	105.40 -7.83 0.00	139.97 -10.74 0.00	126.70 -9.00 0.00	148.90 -10.54 0.00	136.12 -10.83 0.00	126.50 -9.09 0.00	135.36 -9.84 0.00	145.90 -11.15 0.00	150.53 -11.54 0.00	163.11 -13.51 0.00	225.65 -15.54 0.00	242.14 -15.00 0.00	219.68 -15.90 0.00	197.88 -15.72 0.00	200.35 -16.88 0.00	173.58 -17.18 0.00	164.54 -15.04 0.00	160.30 -11.74 0.00
HUNTLEY___64 23558	68.62 -7.18 0.00	68.17 -7.34 0.00	51.55 -5.31 0.00	65.54 -6.06 0.00	79.64 -5.39 0.00	91.69 -4.49 0.00	105.40 -7.83 0.00	139.97 -10.74 0.00	126.70 -9.00 0.00	148.90 -10.54 0.00	136.12 -10.83 0.00	126.50 -9.09 0.00	135.36 -9.84 0.00	145.90 -11.15 0.00	150.53 -11.54 0.00	163.11 -13.51 0.00	225.65 -15.54 0.00	242.14 -15.00 0.00	219.68 -15.90 0.00	197.88 -15.72 0.00	200.35 -16.88 0.00	173.58 -17.18 0.00	164.54 -15.04 0.00	160.30 -11.74 0.00
HUNTLEY___65 23559	68.62 -7.18 0.00	68.17 -7.34 0.00	51.55 -5.31 0.00	65.54 -6.06 0.00	79.64 -5.39 0.00	91.69 -4.49 0.00	105.40 -7.83 0.00	139.97 -10.74 0.00	126.70 -9.00 0.00	148.90 -10.54 0.00	136.12 -10.83 0.00	126.50 -9.09 0.00	135.36 -9.84 0.00	145.90 -11.15 0.00	150.53 -11.54 0.00	163.11 -13.51 0.00	225.65 -15.54 0.00	242.14 -15.00 0.00	219.68 -15.90 0.00	197.88 -15.72 0.00	200.35 -16.88 0.00	173.58 -17.18 0.00	164.54 -15.04 0.00	160.30 -11.74 0.00
HUNTLEY___66 23560	68.62 -7.18 0.00	68.17 -7.34 0.00	51.55 -5.31 0.00	65.54 -6.06 0.00	79.64 -5.39 0.00	91.69 -4.49 0.00	105.40 -7.83 0.00	139.97 -10.74 0.00	126.70 -9.00 0.00	148.90 -10.54 0.00	136.12 -10.83 0.00	126.50 -9.09 0.00	135.36 -9.84 0.00	145.90 -11.15 0.00	150.53 -11.54 0.00	163.11 -13.51 0.00	225.65 -15.54 0.00	242.14 -15.00 0.00	219.68 -15.90 0.00	197.88 -15.72 0.00	200.35 -16.88 0.00	173.58 -17.18 0.00	164.54 -15.04 0.00	160.30 -11.74 0.00
HUNTLEY___67 23561	68.78 -7.02 0.00	68.36 -7.16 0.00	51.70 -5.16 0.00	65.72 -5.88 0.00	79.81 -5.23 0.00	91.86 -4.33 0.00	105.72 -7.50 0.00	140.34 -10.37 0.00	126.90 -8.80 0.00	149.31 -10.13 0.00	136.38 -10.57 0.00	126.77 -8.82 0.00	135.67 -9.53 0.00	146.38 -10.66 0.00	151.14 -10.94 0.00	163.86 -12.77 0.00	226.54 -14.65 0.00	242.72 -14.42 0.00	220.53 -15.05 0.00	198.73 -14.87 0.00	201.24 -15.99 0.00	174.50 -16.27 0.00	165.14 -14.45 0.00	160.51 -11.53 0.00
HUNTLEY___68 23562	68.78 -7.02 0.00	68.36 -7.16 0.00	51.70 -5.16 0.00	65.72 -5.88 0.00	79.81 -5.23 0.00	91.86 -4.33 0.00	105.72 -7.50 0.00	140.34 -10.37 0.00	126.90 -8.80 0.00	149.31 -10.13 0.00	136.38 -10.57 0.00	126.77 -8.82 0.00	135.67 -9.53 0.00	146.38 -10.66 0.00	151.14 -10.94 0.00	163.86 -12.77 0.00	226.54 -14.65 0.00	242.72 -14.42 0.00	220.53 -15.05 0.00	198.73 -14.87 0.00	201.24 -15.99 0.00	174.50 -16.27 0.00	165.14 -14.45 0.00	160.51 -11.53 0.00

HYLAND___LFGE 323620	68.39 -7.42 0.00	67.95 -7.57 0.00	51.32 -5.54 0.00	65.16 -6.44 0.00	78.63 -6.41 0.00	90.71 -5.47 0.00	106.00 -7.23 0.00	141.78 -8.94 0.00	127.63 -8.07 0.00	148.09 -11.35 0.00	132.96 -13.99 0.00	121.94 -13.65 0.00	129.81 -15.39 0.00	140.21 -16.83 0.00	146.71 -15.37 0.00	163.15 -13.90 -0.42	231.06 -11.98 -1.85	251.25 -9.32 -3.43	226.50 -9.08 0.00	204.95 -8.65 0.00	207.61 -9.63 0.00	180.38 -10.39 0.00	168.25 -11.33 0.00	162.66 -10.99 -1.62
INDECK___CORINTH 23802	81.33 5.52 0.00	81.14 5.63 0.00	61.09 4.23 0.00	76.93 5.33 0.00	91.28 6.24 0.00	103.55 7.36 0.00	122.78 9.55 0.00	163.23 12.52 0.00	145.94 10.24 0.00	170.68 11.24 0.00	157.33 10.38 0.00	144.72 9.13 0.00	155.17 9.96 0.00	167.95 10.91 0.00	174.26 12.18 0.00	190.54 13.92 0.00	260.97 19.78 0.00	277.81 20.67 0.00	254.81 19.23 0.00	231.59 17.99 0.00	236.32 19.08 0.00	207.99 16.14 -1.08	209.85 15.29 -14.97	186.72 14.22 -0.46
INDECK___ILION 23567	78.01 2.21 0.00	77.81 2.29 0.00	58.57 1.71 0.00	73.74 2.14 0.00	87.48 2.45 0.00	99.31 3.12 0.00	117.48 4.25 0.00	156.68 5.97 0.00	140.27 4.57 0.00	163.88 4.44 0.00	150.80 3.85 0.00	139.07 3.49 0.00	148.74 3.53 0.00	160.93 3.89 0.00	166.68 4.61 0.00	182.68 6.06 0.00	250.21 9.02 0.00	267.31 10.17 0.00	244.95 9.37 0.00	222.20 8.60 0.00	226.18 8.94 0.00	198.80 8.03 0.00	187.13 7.54 0.00	179.03 7.00 0.00
INDECK___OLEAN 23982	69.79 -6.02 0.00	69.71 -5.81 0.00	52.73 -4.13 0.00	66.86 -4.74 0.00	80.62 -4.41 0.00	93.07 -3.11 0.00	108.14 -5.08 0.00	144.14 -6.57 0.00	129.79 -5.91 0.00	153.22 -6.22 0.00	140.79 -6.16 0.00	131.26 -4.33 0.00	140.01 -5.19 0.00	151.20 -5.84 0.00	156.08 -5.99 0.00	167.57 -6.66 2.40	224.90 -5.79 10.50	231.35 -6.38 19.41	228.08 -7.50 0.00	206.35 -7.25 0.00	209.71 -7.53 0.00	182.98 -7.79 0.00	172.19 -7.40 0.00	156.49 -6.38 9.17
INDECK___OSWEGO 23783	72.13 -3.68 0.00	71.64 -3.88 0.00	54.02 -2.84 0.00	68.13 -3.47 0.00	81.05 -3.99 0.00	92.01 -4.17 0.00	108.50 -4.73 0.00	144.60 -6.12 0.00	130.46 -5.24 0.00	153.14 -6.30 0.00	140.94 -6.01 0.00	130.08 -5.51 0.00	139.12 -6.08 0.00	150.40 -6.64 0.00	155.26 -6.82 0.00	169.30 -7.32 0.00	231.68 -9.51 0.00	247.56 -9.58 0.00	226.77 -8.81 0.00	205.68 -7.92 0.00	209.02 -8.22 0.00	183.13 -7.63 0.00	172.22 -7.37 0.00	164.92 -7.12 0.00
INDECK___YERKES 23781	68.57 -7.23 0.00	68.11 -7.41 0.00	51.50 -5.36 0.00	65.49 -6.11 0.00	79.59 -5.44 0.00	91.66 -4.53 0.00	105.35 -7.87 0.00	140.00 -10.71 0.00	126.69 -9.00 0.00	148.84 -10.60 0.00	136.05 -10.90 0.00	126.46 -9.13 0.00	135.31 -9.89 0.00	145.81 -11.23 0.00	150.47 -11.60 0.00	161.30 -13.46 1.86	217.76 -15.29 8.14	227.06 -15.03 15.05	219.56 -16.02 0.00	197.79 -15.81 0.00	200.25 -16.99 0.00	173.50 -17.27 0.00	164.51 -15.07 0.00	153.10 -11.83 7.11
INDIAN POINT_GT_1 24139	77.88 2.07 0.00	77.65 2.13 0.00	58.46 1.60 0.00	73.48 1.88 0.00	86.60 1.56 0.00	98.20 2.01 0.00	116.38 3.15 0.00	154.77 4.06 0.00	139.26 3.56 0.00	164.18 4.74 0.00	152.41 5.46 0.00	140.60 5.01 0.00	150.74 5.54 0.00	163.23 6.19 0.00	168.12 6.05 0.00	183.32 6.70 0.00	249.83 8.64 0.00	267.74 10.60 0.00	245.24 9.67 0.00	222.71 9.11 0.00	226.77 9.53 0.00	199.69 8.76 -0.16	188.73 6.93 -2.21	177.75 5.64 -0.07
INDIAN POINT_GT_2 23659	77.88 2.07 0.00	77.65 2.13 0.00	58.46 1.60 0.00	73.48 1.88 0.00	86.60 1.56 0.00	98.20 2.01 0.00	116.38 3.15 0.00	154.77 4.06 0.00	139.26 3.56 0.00	164.18 4.74 0.00	152.41 5.46 0.00	140.60 5.01 0.00	150.74 5.54 0.00	163.23 6.19 0.00	168.12 6.05 0.00	183.32 6.70 0.00	249.83 8.64 0.00	267.74 10.60 0.00	245.24 9.67 0.00	222.71 9.11 0.00	226.77 9.53 0.00	199.69 8.76 -0.16	188.73 6.93 -2.21	177.75 5.64 -0.07
INDIAN POINT_GT_3 24019	77.88 2.07 0.00	77.65 2.13 0.00	58.46 1.60 0.00	73.48 1.88 0.00	86.60 1.56 0.00	98.20 2.01 0.00	116.38 3.15 0.00	154.77 4.06 0.00	139.26 3.56 0.00	164.18 4.74 0.00	152.41 5.46 0.00	140.60 5.01 0.00	150.74 5.54 0.00	163.23 6.19 0.00	168.12 6.05 0.00	183.32 6.70 0.00	249.83 8.64 0.00	267.74 10.60 0.00	245.24 9.67 0.00	222.71 9.11 0.00	226.77 9.53 0.00	199.69 8.76 -0.16	188.73 6.93 -2.21	177.75 5.64 -0.07
INDIAN POINT___2 23530	77.74 1.93 0.00	77.51 2.00 0.00	58.36 1.50 0.00	73.34 1.74 0.00	86.43 1.40 0.00	98.04 1.86 0.00	116.19 2.96 0.00	154.47 3.75 0.00	138.97 3.27 0.00	163.93 4.49 0.00	152.18 5.23 0.00	140.41 4.82 0.00	150.49 5.28 0.00	162.94 5.90 0.00	167.82 5.75 0.00	182.99 6.37 0.00	249.27 8.08 0.00	267.20 10.06 0.00	244.69 9.12 0.00	222.26 8.66 0.00	226.35 9.12 0.00	199.30 8.38 -0.15	188.29 6.57 -2.13	177.43 5.33 -0.07
INDIAN POINT___3 23531	77.80 2.00 0.00	77.57 2.06 0.00	58.41 1.55 0.00	73.42 1.82 0.00	86.52 1.48 0.00	98.10 1.92 0.00	116.24 3.02 0.00	154.58 3.87 0.00	139.06 3.36 0.00	164.00 4.56 0.00	152.22 5.27 0.00	140.44 4.85 0.00	150.56 5.36 0.00	163.00 5.95 0.00	167.94 5.86 0.00	183.07 6.45 0.00	249.45 8.26 0.00	267.27 10.13 0.00	244.83 9.25 0.00	222.39 8.79 0.00	226.43 9.19 0.00	199.39 8.46 -0.16	188.49 6.69 -2.22	177.56 5.45 -0.07
INGHAM_C_115KV_TB7 356103	80.85 5.04 0.00	80.78 5.27 0.00	60.81 3.95 0.00	76.53 4.93 0.00	90.69 5.66 0.00	103.18 7.00 0.00	122.51 9.29 0.00	163.60 12.88 0.00	145.42 9.72 0.00	168.49 9.05 0.00	154.72 7.77 0.00	142.65 7.07 0.00	152.39 7.19 0.00	164.98 7.94 0.00	171.72 9.65 0.00	189.48 12.86 0.00	260.70 19.51 0.00	279.07 21.93 0.00	255.87 20.30 0.00	232.22 18.62 0.00	236.45 19.21 0.00	208.21 17.44 0.00	195.90 16.31 0.00	187.21 15.17 0.00
IP CORINTH___1 23988	81.32 5.52 0.00	81.14 5.62 0.00	61.09 4.23 0.00	76.93 5.33 0.00	91.28 6.24 0.00	103.55 7.36 0.00	122.78 9.56 0.00	163.25 12.53 0.00	145.94 10.24 0.00	170.68 11.24 0.00	157.33 10.38 0.00	144.72 9.13 0.00	155.17 9.97 0.00	167.94 10.90 0.00	174.26 12.19 0.00	190.52 13.90 0.00	260.98 19.79 0.00	277.81 20.67 0.00	254.81 19.23 0.00	231.60 18.00 0.00	236.32 19.08 0.00	207.99 16.14 -1.08	209.86 15.29 -14.97	186.73 14.23 -0.46
IP___TICONDEROGA 23804	84.70 8.90 0.00	84.48 8.96 0.00	63.63 6.76 0.00	79.89 8.29 0.00	94.90 9.87 0.00	108.22 12.03 0.00	129.06 15.84 0.00	171.57 20.86 0.00	152.25 16.55 0.00	176.60 17.16 0.00	163.06 16.11 0.00	149.21 13.62 0.00	160.79 15.59 0.00	175.16 18.12 0.00	183.03 20.96 0.00	199.98 23.36 0.00	277.43 36.24 0.00	293.56 36.42 0.00	269.95 34.37 0.00	246.29 32.69 0.00	251.09 33.85 0.00	218.80 26.90 -1.13	220.00 24.68 -15.73	195.95 23.43 -0.48
ISLIP_RES_REC 323679	109.21 4.49 -28.92	123.53 4.06 -43.96	108.84 3.23 -48.75	107.19 3.79 -31.80	121.19 3.80 -32.36	129.44 4.34 -28.91	153.97 6.03 -34.71	209.10 7.79 -50.59	142.90 6.34 -0.87	184.75 8.55 -16.76	180.46 9.19 -24.32	150.50 8.31 -6.61	194.39 9.23 -39.95	187.93 9.89 -21.00	208.95 8.91 -37.97	209.96 9.22 -24.11	269.51 8.67 -19.66	457.63 15.13 -185.35	285.54 15.57 -34.39	228.75 15.15 0.00	234.18 16.94 0.00	207.34 16.40 -0.17	195.06 13.20 -2.27	183.47 10.09 -1.35

JAMAICA__27_KV_LOAD 355505	78.52 2.71 0.00	78.30 2.78 0.00	58.82 1.96 0.00	73.89 2.29 0.00	86.92 1.88 0.00	98.18 2.00 0.01	105.40 3.21 11.03	153.80 4.15 1.07	139.52 3.83 0.02	73.06 4.76 91.14	152.66 5.71 0.00	141.78 6.19 0.00	152.71 7.50 0.00	165.78 8.74 0.00	170.59 8.52 0.00	185.69 9.07 0.00	252.99 11.80 0.00	271.56 14.41 0.00	248.68 13.10 0.00	225.52 11.92 0.00	229.29 12.05 0.00	202.88 11.95 -0.16	191.16 9.31 -2.27	179.76 7.65 -0.07
JANIS__SOLAR 323808	76.79 0.99 0.00	76.05 0.54 0.00	56.91 0.04 0.00	71.70 0.10 0.00	85.72 0.68 0.00	98.07 1.89 0.00	116.98 3.75 0.00	158.49 7.78 0.00	147.70 12.00 0.00	172.04 12.60 0.00	152.64 5.69 0.00	141.12 5.54 0.00	150.39 5.19 0.00	162.26 5.22 0.00	168.26 6.19 0.00	185.30 8.06 -0.62	258.23 14.31 -2.72	280.27 18.09 -5.04	252.01 16.44 0.00	227.97 14.37 0.00	231.45 14.21 0.00	202.32 11.55 0.00	189.32 9.73 0.00	182.76 8.34 -2.38
JARVIS____ 23743	75.96 0.15 0.00	75.67 0.15 0.00	57.00 0.13 0.00	71.82 0.22 0.00	85.22 0.18 0.00	96.42 0.23 0.00	113.66 0.44 0.00	151.33 0.62 0.00	136.11 0.41 0.00	159.97 0.52 0.00	147.43 0.48 0.00	135.99 0.41 0.00	145.64 0.44 0.00	157.51 0.47 0.00	162.56 0.49 0.00	177.15 0.53 0.00	241.67 0.48 0.00	257.91 0.77 0.00	236.29 0.71 0.00	214.28 0.68 0.00	218.02 0.78 0.00	191.55 0.78 0.00	180.37 0.78 0.00	172.80 0.76 0.00
JENNISON____1 23625	75.56 -0.25 0.00	75.12 -0.40 0.00	56.20 -0.66 0.00	71.00 -0.60 0.00	84.23 -0.80 0.00	96.22 0.03 0.00	115.12 1.90 0.00	155.74 5.03 0.00	137.59 1.89 0.00	162.22 2.78 0.00	152.48 5.53 0.00	140.59 5.00 0.00	150.08 4.88 0.00	161.47 4.43 0.00	167.74 5.66 0.00	184.22 7.60 0.00	254.05 12.86 0.00	273.99 16.85 0.00	251.57 15.99 0.00	227.10 13.50 0.00	230.45 13.22 0.00	202.11 11.34 0.00	189.36 9.77 0.00	180.52 8.48 0.00
JENNISON____2 23626	75.56 -0.25 0.00	75.12 -0.40 0.00	56.20 -0.66 0.00	71.00 -0.60 0.00	84.23 -0.80 0.00	96.22 0.03 0.00	115.12 1.90 0.00	155.74 5.03 0.00	137.59 1.89 0.00	162.22 2.78 0.00	152.48 5.53 0.00	140.59 5.00 0.00	150.08 4.88 0.00	161.47 4.43 0.00	167.74 5.66 0.00	184.22 7.60 0.00	254.05 12.86 0.00	273.99 16.85 0.00	251.57 15.99 0.00	227.10 13.50 0.00	230.45 13.22 0.00	202.11 11.34 0.00	189.36 9.77 0.00	180.52 8.48 0.00
JERICOHO_RISE_WT_PWR 323719	77.31 1.51 0.00	76.97 1.45 0.00	57.52 0.66 0.00	71.52 -0.08 0.00	85.37 0.33 0.00	95.93 -0.25 0.00	112.39 -0.83 0.00	150.85 0.14 0.00	136.98 1.28 0.00	161.21 1.77 0.00	148.69 1.74 0.00	137.48 1.89 0.00	147.91 2.71 0.00	159.93 2.89 0.00	165.28 3.20 0.00	180.02 3.39 0.00	246.14 4.96 0.00	260.95 3.81 0.00	238.44 2.87 0.00	215.58 1.98 0.00	218.49 1.26 0.00	191.63 0.86 0.00	181.10 1.51 0.00	173.98 1.94 0.00
KATONAH__115KV_46KV_TB4 355592	78.51 2.71 0.00	78.30 2.79 0.00	58.96 2.10 0.00	74.13 2.53 0.00	87.41 2.38 0.00	99.09 2.90 0.00	117.46 4.24 0.00	156.33 5.62 0.00	140.63 4.93 0.00	165.79 6.35 0.00	153.84 6.89 0.00	141.95 6.36 0.00	152.18 6.98 0.00	164.73 7.69 0.00	169.75 7.67 0.00	185.13 8.51 0.00	252.51 11.32 0.00	270.72 13.58 0.00	248.07 12.50 0.00	225.23 11.63 0.00	229.20 11.96 0.00	201.79 10.86 -0.16	190.71 8.83 -2.29	179.54 7.43 -0.07
KCE_NY_1 323755	80.14 4.33 0.00	79.86 4.35 0.00	60.17 3.31 0.00	75.81 4.21 0.00	89.93 4.90 0.00	101.84 5.65 0.00	120.54 7.32 0.00	160.12 9.40 0.00	143.34 7.64 0.00	167.93 8.49 0.00	154.91 7.96 0.00	142.59 7.00 0.00	152.69 7.49 0.00	165.33 8.29 0.00	171.17 9.10 0.00	187.06 10.44 0.00	255.42 14.23 0.00	272.32 15.18 0.00	249.78 14.21 0.00	226.87 13.27 0.00	231.08 13.84 0.00	204.19 12.23 -1.19	207.67 11.54 -16.54	183.32 10.77 -0.51
KCE_NY_6_ESR 323823	69.61 -6.20 0.00	69.22 -6.29 0.00	52.31 -4.55 0.00	66.43 -5.17 0.00	80.74 -4.30 0.00	93.07 -3.12 0.00	107.47 -5.75 0.00	142.87 -7.85 0.00	129.09 -6.61 0.00	151.74 -7.70 0.00	138.78 -8.17 0.00	128.99 -6.59 0.00	137.91 -7.29 0.00	148.85 -8.19 0.00	153.77 -8.30 0.00	164.77 -9.75 2.10	221.76 -10.25 9.19	230.38 -9.77 16.99	224.59 -10.99 0.00	202.61 -10.99 0.00	205.14 -12.10 0.00	177.86 -12.91 0.00	168.06 -11.53 0.00	155.10 -8.91 8.02
KEDC_PORT_JEFF_GT2 24210	108.50 4.11 -28.59	122.67 3.69 -43.45	108.01 2.96 -48.19	106.48 3.44 -31.44	120.36 3.33 -31.99	128.53 3.77 -28.58	152.73 5.22 -34.29	207.31 6.67 -49.93	141.91 5.36 -0.85	183.25 7.29 -16.52	178.92 8.00 -23.97	149.32 7.23 -6.50	192.68 8.05 -39.42	185.97 8.23 -20.70	206.73 7.21 -37.45	207.62 7.22 -23.77	266.26 5.82 -19.25	452.10 11.73 -183.23	281.72 12.21 -33.93	225.62 12.02 0.00	230.90 13.67 0.00	204.54 13.61 -0.17	193.08 11.22 -2.27	182.01 8.66 -1.31
KEDC_PORT_JEFF_GT3 24211	108.50 4.11 -28.59	122.67 3.69 -43.45	108.01 2.96 -48.19	106.48 3.44 -31.44	120.36 3.33 -31.99	128.53 3.77 -28.58	152.73 5.22 -34.29	207.31 6.67 -49.93	141.91 5.36 -0.85	183.25 7.29 -16.52	178.92 8.00 -23.97	149.32 7.23 -6.50	192.68 8.05 -39.42	185.97 8.23 -20.70	206.73 7.21 -37.45	207.62 7.22 -23.77	266.26 5.82 -19.25	452.10 11.73 -183.23	281.72 12.21 -33.93	225.62 12.02 0.00	230.90 13.67 0.00	204.54 13.61 -0.17	193.08 11.22 -2.27	182.01 8.66 -1.31
KEDC_GLWD_GT4 24219	128.83 3.26 -49.76	154.33 3.18 -75.64	143.20 2.45 -83.89	129.22 2.90 -54.72	143.45 2.72 -55.69	149.13 3.20 -49.74	171.14 4.42 -53.49	225.03 5.80 -68.52	140.85 5.15 0.00	183.88 6.79 -17.65	179.43 7.37 -25.10	148.19 6.87 -5.73	205.80 7.54 -53.05	188.00 8.26 -22.70	217.30 8.17 -47.06	213.52 8.99 -27.91	279.38 11.52 -26.67	590.26 14.79 -318.33	310.18 13.95 -60.65	226.99 13.38 0.00	231.11 13.88 0.00	203.39 12.45 -0.17	191.49 9.63 -2.27	179.75 7.65 -0.07
KEDC_GLWD_GT5 24220	128.83 3.26 -49.76	154.33 3.18 -75.64	143.20 2.45 -83.89	129.22 2.90 -54.72	143.45 2.72 -55.69	149.13 3.20 -49.74	171.14 4.42 -53.49	225.03 5.80 -68.52	140.85 5.15 0.00	183.88 6.79 -17.65	179.43 7.37 -25.10	148.19 6.87 -5.73	205.80 7.54 -53.05	188.00 8.26 -22.70	217.30 8.17 -47.06	213.52 8.99 -27.91	279.38 11.52 -26.67	590.26 14.79 -318.33	310.18 13.95 -60.65	226.99 13.38 0.00	231.11 13.88 0.00	203.39 12.45 -0.17	191.49 9.63 -2.27	179.75 7.65 -0.07
KENSICO____ 23655	78.13 2.32 0.00	77.91 2.39 0.00	58.67 1.80 0.00	73.71 2.11 0.00	86.88 1.84 0.00	98.49 2.30 0.00	116.67 3.44 0.00	155.24 4.52 0.00	139.66 3.96 0.00	164.71 5.27 0.00	152.94 5.99 0.00	141.12 5.53 0.00	151.31 6.11 0.00	163.79 6.75 0.00	168.73 6.66 0.00	183.95 7.33 0.00	250.68 9.49 0.00	268.71 11.56 0.00	246.06 10.49 0.00	223.52 9.92 0.00	227.55 10.31 0.00	200.40 9.46 -0.16	189.36 7.51 -2.26	178.27 6.17 -0.07
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	78.55 2.75 0.00	78.37 2.85 0.00	59.04 2.18 0.00	74.25 2.65 0.00	87.69 2.65 0.00	99.47 3.29 0.00	118.00 4.78 0.00	157.16 6.45 0.00	141.30 5.60 0.00	166.00 6.56 0.00	153.61 6.66 0.00	141.79 6.20 0.00	151.80 6.60 0.00	164.28 7.25 0.00	169.64 7.56 0.00	185.69 9.07 0.00	253.89 12.70 0.00	272.51 15.37 0.00	249.83 14.26 0.00	226.85 13.25 0.00	230.79 13.55 0.00	202.68 12.00 0.09	188.16 9.89 1.32	180.53 8.54 0.04

KIAC_JFK_GT1 23816	77.77 1.97 0.00	77.65 2.14 0.00	58.34 1.48 0.00	73.27 1.67 0.00	86.20 1.16 0.00	97.31 1.13 0.01	104.18 1.98 11.03	152.19 2.54 1.07	138.08 2.40 0.02	71.41 3.11 91.14	151.12 4.17 0.00	140.35 4.77 0.00	151.16 5.96 0.00	164.08 7.04 0.00	168.83 6.76 0.00	183.78 7.15 0.00	250.32 9.13 0.00	268.56 11.42 0.00	245.94 10.36 0.00	223.03 9.43 0.00	226.77 9.54 0.00	200.78 9.85 -0.16	189.17 7.32 -2.27	177.90 5.79 -0.07
KIAC_JFK_GT2 23817	77.77 1.97 0.00	77.65 2.14 0.00	58.34 1.48 0.00	73.27 1.67 0.00	86.20 1.16 0.00	97.31 1.13 0.01	104.18 1.98 11.03	152.19 2.54 1.07	138.08 2.40 0.02	71.41 3.11 91.14	151.12 4.17 0.00	140.35 4.77 0.00	151.16 5.96 0.00	164.08 7.04 0.00	168.83 6.76 0.00	183.78 7.15 0.00	250.32 9.13 0.00	268.56 11.42 0.00	245.94 10.36 0.00	223.03 9.43 0.00	226.77 9.54 0.00	200.78 9.85 -0.16	189.17 7.32 -2.27	177.90 5.79 -0.07
KIAC_JFK____ 323774	77.77 1.96 0.00	77.65 2.14 0.00	58.34 1.48 0.00	73.27 1.67 0.00	86.20 1.17 0.00	97.31 1.13 0.01	104.17 1.97 11.03	152.15 2.50 1.07	138.07 2.38 0.02	71.42 3.11 91.14	151.12 4.17 0.00	140.36 4.78 0.00	151.16 5.96 0.00	164.07 7.03 0.00	168.82 6.75 0.00	183.76 7.14 0.00	250.24 9.06 0.00	268.56 11.42 0.00	245.94 10.36 0.00	223.05 9.44 0.00	226.79 9.55 0.00	200.78 9.85 -0.16	189.17 7.32 -2.27	177.92 5.82 -0.07
KINTIGH__24_KV_GSU 356498	69.41 -6.39 0.00	68.98 -6.53 0.00	52.17 -4.69 0.00	66.25 -5.35 0.00	80.12 -4.91 0.00	91.94 -4.24 0.00	106.10 -7.12 0.00	140.39 -10.33 0.00	126.98 -8.72 0.00	149.39 -10.05 0.00	136.16 -10.79 0.00	126.36 -9.22 0.00	135.30 -9.90 0.00	146.00 -11.04 0.00	150.74 -11.33 0.00	162.24 -12.94 1.45	219.66 -15.19 6.33	229.92 -15.51 11.71	219.84 -15.74 0.00	198.25 -15.35 0.00	200.78 -16.45 0.00	174.63 -16.14 0.00	165.18 -14.40 0.00	154.27 -12.23 5.53
KINTIGH____ 23543	69.35 -6.45 0.00	68.95 -6.56 0.00	52.14 -4.72 0.00	66.20 -5.40 0.00	80.08 -4.95 0.00	91.85 -4.34 0.00	106.05 -7.18 0.00	140.35 -10.36 0.00	126.94 -8.76 0.00	149.39 -10.05 0.00	136.25 -10.70 0.00	126.47 -9.12 0.00	135.40 -9.81 0.00	146.14 -10.90 0.00	150.84 -11.23 0.00	163.67 -12.95 0.00	225.95 -15.24 0.00	241.75 -15.39 0.00	219.99 -15.59 0.00	198.39 -15.21 0.00	201.01 -16.23 0.00	174.76 -16.01 0.00	165.25 -14.34 0.00	159.94 -12.10 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	78.39 2.59 0.00	78.25 2.74 0.00	58.43 1.57 0.00	72.66 1.05 0.00	86.61 1.57 0.00	97.43 1.25 0.00	115.70 2.47 0.00	156.28 5.56 0.00	141.94 6.24 0.00	167.40 7.95 0.00	154.12 7.18 0.00	142.42 6.83 0.00	153.04 7.84 0.00	165.61 8.57 0.00	171.25 9.17 0.00	186.96 10.33 0.00	256.50 15.31 0.00	272.91 15.77 0.00	249.76 14.18 0.00	225.82 12.22 0.00	228.43 11.19 0.00	199.96 9.19 0.00	188.58 9.00 0.00	180.81 8.78 0.00
LACHUTE____HYDRO 323717	84.70 8.89 0.00	84.48 8.96 0.00	63.62 6.76 0.00	79.88 8.28 0.00	94.90 9.86 0.00	108.22 12.03 0.00	129.06 15.83 0.00	171.57 20.85 0.00	152.24 16.54 0.00	176.60 17.16 0.00	163.06 16.11 0.00	149.21 13.62 0.00	160.79 15.59 0.00	175.15 18.11 0.00	183.04 20.97 0.00	200.00 23.38 0.00	277.43 36.24 0.00	293.56 36.42 0.00	269.95 34.37 0.00	246.28 32.68 0.00	251.08 33.85 0.00	218.80 26.90 -1.13	219.99 24.67 -15.73	195.95 23.43 -0.48
LAWRNCALV_115KV_TB1 80681	77.69 1.88 0.00	77.17 1.65 0.00	57.97 1.11 0.00	72.87 1.27 0.00	86.74 1.70 0.00	98.09 1.91 0.00	114.40 1.17 0.00	152.69 1.98 0.00	137.97 2.27 0.00	161.87 2.43 0.00	148.97 2.02 0.00	138.78 3.20 0.00	147.99 2.79 0.00	157.72 0.68 0.00	163.32 1.24 0.00	177.95 1.33 0.00	243.31 2.12 0.00	258.66 1.52 0.00	236.93 1.35 0.00	214.69 1.09 0.00	217.93 0.69 0.00	191.01 0.24 0.00	180.95 1.37 0.00	174.19 2.15 0.00
LEDERLE____ 23769	78.01 2.21 0.00	77.77 2.25 0.00	58.55 1.69 0.00	73.57 1.97 0.00	86.74 1.71 0.00	98.46 2.28 0.00	116.76 3.54 0.00	155.25 4.54 0.00	139.72 4.02 0.00	164.78 5.34 0.00	152.95 6.01 0.00	141.09 5.51 0.00	151.24 6.04 0.00	163.77 6.73 0.00	168.76 6.69 0.00	184.03 7.41 0.00	250.81 9.62 0.00	268.75 11.61 0.00	246.09 10.51 0.00	223.52 9.92 0.00	227.64 10.40 0.00	200.36 9.44 -0.15	189.17 7.51 -2.07	178.27 6.17 -0.06
LIGHTHSE_115KV_TB6 355974	74.28 -1.53 0.00	73.02 -2.49 0.00	55.07 -1.79 0.00	69.74 -1.86 0.00	83.18 -1.85 0.00	94.81 -1.37 0.00	112.23 -0.99 0.00	149.83 -0.88 0.00	135.29 -0.40 0.00	158.86 -0.58 0.00	146.20 -0.75 0.00	134.93 -0.65 0.00	144.08 -1.12 0.00	155.54 -1.51 0.00	160.44 -1.64 0.00	175.05 -1.57 0.00	239.36 -1.83 0.00	255.98 -1.16 0.00	234.69 -0.89 0.00	213.27 -0.32 0.00	216.48 -0.76 0.00	189.33 -1.44 0.00	178.36 -1.23 0.00	170.85 -1.19 0.00
LINDEN COGEN____ 23786	77.76 1.95 0.00	77.54 2.03 0.00	58.38 1.52 0.00	73.33 1.72 0.00	86.31 1.28 0.00	97.87 1.69 0.00	116.02 2.80 0.00	154.38 3.67 0.00	139.00 3.30 0.00	164.15 4.71 0.00	152.53 5.58 0.00	140.77 5.18 0.00	151.02 5.82 0.00	163.44 6.40 0.00	168.24 6.17 0.00	183.52 6.90 0.00	250.09 8.90 0.00	268.07 10.93 0.00	245.40 9.82 0.00	222.86 9.26 0.00	226.77 9.53 0.00	199.65 8.72 -0.16	188.43 6.58 -2.27	177.25 5.14 -0.07
LINDHRST_69_KV_BK1 356055	113.66 4.43 -33.43	130.39 4.07 -50.81	116.42 3.21 -56.35	112.14 3.79 -36.76	126.19 3.74 -37.41	133.86 4.27 -33.42	155.72 5.71 -36.79	206.89 7.63 -48.55	142.44 6.53 -0.20	181.27 8.44 -13.38	174.84 8.74 -19.15	148.16 7.96 -4.62	192.03 9.05 -37.78	184.06 9.94 -17.08	205.84 9.66 -34.11	207.88 10.66 -20.60	273.73 13.55 -18.98	490.29 19.70 -213.45	295.21 19.14 -40.49	231.78 18.18 0.00	236.18 18.94 0.00	208.08 17.15 -0.17	195.47 13.62 -2.27	182.97 10.43 -0.51
LIPA_MISC_IPP 23656	108.23 4.00 -28.42	122.33 3.61 -43.20	107.64 2.86 -47.92	106.21 3.35 -31.26	120.11 3.27 -31.81	128.36 3.76 -28.41	153.45 5.25 -34.98	209.67 6.68 -52.28	141.86 5.10 -1.06	184.64 7.19 -18.01	181.04 7.88 -26.21	149.90 7.05 -7.27	194.48 7.85 -41.43	188.06 8.53 -22.49	209.07 7.17 -39.83	209.24 7.05 -25.57	267.32 5.80 -20.34	450.84 11.52 -182.18	281.27 11.98 -33.71	225.41 11.81 0.00	231.47 14.23 0.00	205.95 15.02 -0.17	194.01 12.15 -2.27	182.62 8.97 -1.61
LISF____SOLAR 323691	108.48 4.19 -28.49	122.59 3.78 -43.30	107.88 3.00 -48.02	106.43 3.51 -31.33	120.39 3.48 -31.88	128.70 4.04 -28.48	153.69 5.58 -34.89	209.71 7.08 -51.91	142.10 5.37 -1.02	184.73 7.52 -17.76	180.96 8.19 -25.83	149.99 7.27 -7.14	194.46 8.15 -41.11	188.13 8.91 -22.19	209.02 7.51 -39.44	209.34 7.45 -25.27	267.74 6.38 -20.17	452.14 12.43 -182.57	282.00 12.63 -33.79	225.96 12.36 0.00	231.99 14.75 0.00	206.45 15.51 -0.17	194.45 12.59 -2.27	183.03 9.43 -1.56
LITTLE FALLS____HYD 24013	80.85 5.04 0.00	80.78 5.27 0.00	60.81 3.95 0.00	76.53 4.93 0.00	90.69 5.66 0.00	103.18 7.00 0.00	122.51 9.29 0.00	163.60 12.88 0.00	145.42 9.72 0.00	168.49 9.05 0.00	154.72 7.77 0.00	142.65 7.07 0.00	152.39 7.19 0.00	164.98 7.94 0.00	171.72 9.65 0.00	189.48 12.86 0.00	260.70 19.51 0.00	279.07 21.93 0.00	255.87 20.30 0.00	232.22 18.62 0.00	236.45 19.21 0.00	208.21 17.44 0.00	195.90 16.31 0.00	187.21 15.17 0.00

LITTLRIV_115KV_TB1 356100	78.57 2.76 0.00	78.14 2.63 0.00	58.77 1.90 0.00	73.89 2.29 0.00	87.98 2.94 0.00	99.53 3.34 0.00	115.96 2.74 0.00	154.84 4.13 0.00	139.77 4.07 0.00	163.69 4.25 0.00	150.45 3.50 0.00	140.21 4.63 0.00	149.49 4.29 0.00	159.50 2.46 0.00	164.87 2.80 0.00	180.01 3.39 0.00	246.54 5.35 0.00	262.23 5.08 0.00	240.17 4.59 0.00	217.61 4.01 0.00	220.90 3.66 0.00	193.42 2.65 0.00	183.06 3.47 0.00	176.09 4.06 0.00
LI_NEWBRDGE___DRP 323616	105.42 3.10 -26.51	118.70 2.89 -40.30	103.86 2.31 -44.69	103.42 2.66 -29.16	117.08 2.38 -29.67	125.31 2.62 -26.50	145.38 3.65 -28.50	191.89 4.67 -36.50	139.76 4.06 0.00	174.28 5.43 -9.40	166.49 6.17 -13.38	144.35 5.71 -3.05	179.79 6.33 -28.27	176.05 6.92 -12.09	193.74 6.59 -25.07	198.65 7.16 -14.87	263.86 8.46 -14.21	439.83 12.56 -170.13	279.27 12.55 -31.15	225.77 12.17 0.00	229.95 12.71 0.00	202.69 11.75 -0.17	190.77 8.92 -2.27	178.57 6.46 -0.07
LOCKPORT_115KV_TB60_63_64 80432	68.23 -7.58 0.00	67.74 -7.77 0.00	51.18 -5.68 0.00	65.03 -6.57 0.00	79.04 -5.99 0.00	90.77 -5.41 0.00	104.10 -9.13 0.00	138.15 -12.56 0.00	124.99 -10.71 0.00	146.94 -12.50 0.00	134.14 -12.81 0.00	124.46 -11.13 0.00	133.23 -11.97 0.00	143.89 -13.15 0.00	148.45 -13.63 0.00	160.88 -15.74 0.00	222.84 -18.35 0.00	238.99 -18.15 0.00	217.01 -18.56 0.00	195.58 -18.02 0.00	197.91 -19.33 0.00	171.50 -19.27 0.00	162.67 -16.91 0.00	158.77 -13.27 0.00
LOCKPORT___CC1 323769	67.94 -7.86 0.00	67.46 -8.06 0.00	50.98 -5.88 0.00	64.78 -6.82 0.00	78.74 -6.30 0.00	90.49 -5.70 0.00	103.72 -9.51 0.00	137.69 -13.02 0.00	124.54 -11.16 0.00	146.46 -12.98 0.00	133.71 -13.24 0.00	124.13 -11.46 0.00	132.88 -12.33 0.00	143.45 -13.59 0.00	148.02 -14.05 0.00	158.73 -16.20 1.69	214.87 -18.90 7.42	224.26 -19.16 13.72	216.07 -19.50 0.00	194.76 -18.84 0.00	197.04 -20.20 0.00	170.81 -19.95 0.00	162.09 -17.50 0.00	151.55 -14.00 6.48
LOCKPORT___CC2 323770	67.94 -7.86 0.00	67.46 -8.06 0.00	50.98 -5.88 0.00	64.78 -6.82 0.00	78.74 -6.30 0.00	90.49 -5.70 0.00	103.72 -9.51 0.00	137.69 -13.02 0.00	124.54 -11.16 0.00	146.46 -12.98 0.00	133.71 -13.24 0.00	124.13 -11.46 0.00	132.88 -12.33 0.00	143.45 -13.59 0.00	148.02 -14.05 0.00	158.73 -16.20 1.69	214.87 -18.90 7.42	224.26 -19.16 13.72	216.07 -19.50 0.00	194.76 -18.84 0.00	197.04 -20.20 0.00	170.81 -19.95 0.00	162.09 -17.50 0.00	151.55 -14.00 6.48
LOCKPORT___CC3 323771	67.94 -7.86 0.00	67.46 -8.06 0.00	50.98 -5.88 0.00	64.78 -6.82 0.00	78.74 -6.30 0.00	90.49 -5.70 0.00	103.72 -9.51 0.00	137.69 -13.02 0.00	124.54 -11.16 0.00	146.46 -12.98 0.00	133.71 -13.24 0.00	124.13 -11.46 0.00	132.88 -12.33 0.00	143.45 -13.59 0.00	148.02 -14.05 0.00	158.73 -16.20 1.69	214.87 -18.90 7.42	224.26 -19.16 13.72	216.07 -19.50 0.00	194.76 -18.84 0.00	197.04 -20.20 0.00	170.81 -19.95 0.00	162.09 -17.50 0.00	151.55 -14.00 6.48
LOCUSVLY_69_KV_BK2 55797	123.63 3.65 -44.17	146.13 3.47 -67.15	134.02 2.70 -74.47	123.38 3.20 -48.58	137.51 3.04 -49.43	143.83 3.48 -44.16	164.46 4.71 -46.53	214.84 6.15 -57.97	140.87 5.40 0.23	180.50 7.11 -13.95	174.31 7.65 -19.71	146.91 7.10 -4.22	197.72 7.84 -44.68	183.70 8.57 -18.09	209.42 8.37 -38.97	208.53 9.22 -22.69	275.27 11.66 -22.43	555.70 15.97 -282.58	304.59 15.36 -53.66	228.28 14.68 0.00	232.42 15.18 0.00	204.58 13.64 -0.17	192.44 10.58 -2.27	180.00 8.21 0.24
LONG_LAKE_PHOENIX 24014	72.66 -3.15 0.00	72.28 -3.24 0.00	54.50 -2.37 0.00	68.73 -2.87 0.00	81.78 -3.26 0.00	92.82 -3.36 0.00	109.40 -3.82 0.00	145.84 -4.88 0.00	131.52 -4.18 0.00	154.45 -4.99 0.00	142.10 -4.85 0.00	131.14 -4.45 0.00	140.24 -4.96 0.00	151.64 -5.40 0.00	156.56 -5.51 0.00	170.74 -5.88 0.00	233.84 -7.35 0.00	249.91 -7.23 0.00	228.89 -6.69 0.00	207.44 -6.16 0.00	210.87 -6.37 0.00	184.73 -6.03 0.00	173.59 -6.00 0.00	166.15 -5.89 0.00
LOVETT___3 23632	77.65 1.85 0.00	77.41 1.89 0.00	58.28 1.42 0.00	73.23 1.63 0.00	86.32 1.29 0.00	97.92 1.73 0.00	116.05 2.83 0.00	154.32 3.61 0.00	138.85 3.15 0.00	163.75 4.31 0.00	152.01 5.06 0.00	140.24 4.65 0.00	150.31 5.11 0.00	162.76 5.72 0.00	167.64 5.56 0.00	182.77 6.15 0.00	249.06 7.87 0.00	266.84 9.70 0.00	244.36 8.78 0.00	222.03 8.43 0.00	226.08 8.84 0.00	199.04 8.12 -0.15	188.07 6.37 -2.11	177.23 5.12 -0.06
LOVETT___4 23642	77.65 1.85 0.00	77.41 1.89 0.00	58.28 1.42 0.00	73.23 1.63 0.00	86.32 1.29 0.00	97.92 1.73 0.00	116.05 2.83 0.00	154.32 3.61 0.00	138.85 3.15 0.00	163.75 4.31 0.00	152.01 5.06 0.00	140.24 4.65 0.00	150.31 5.11 0.00	162.76 5.72 0.00	167.64 5.56 0.00	182.77 6.15 0.00	249.06 7.87 0.00	266.84 9.70 0.00	244.36 8.78 0.00	222.03 8.43 0.00	226.08 8.84 0.00	199.04 8.12 -0.15	188.07 6.37 -2.11	177.23 5.12 -0.06
LOVETT___5 23593	77.65 1.85 0.00	77.41 1.89 0.00	58.28 1.42 0.00	73.23 1.63 0.00	86.32 1.29 0.00	97.92 1.73 0.00	116.05 2.83 0.00	154.32 3.61 0.00	138.85 3.15 0.00	163.75 4.31 0.00	152.01 5.06 0.00	140.24 4.65 0.00	150.31 5.11 0.00	162.76 5.72 0.00	167.64 5.56 0.00	182.77 6.15 0.00	249.06 7.87 0.00	266.84 9.70 0.00	244.36 8.78 0.00	222.03 8.43 0.00	226.08 8.84 0.00	199.04 8.12 -0.15	188.07 6.37 -2.11	177.23 5.12 -0.06
LOWER RAQUET___HYD 24057	77.67 1.87 0.00	77.15 1.64 0.00	57.95 1.09 0.00	72.85 1.25 0.00	86.68 1.65 0.00	98.08 1.89 0.00	114.30 1.07 0.00	152.67 1.96 0.00	137.99 2.29 0.00	161.86 2.42 0.00	148.93 1.99 0.00	138.64 3.06 0.00	147.90 2.70 0.00	157.63 0.58 0.00	162.97 0.90 0.00	177.60 0.98 0.00	242.79 1.60 0.00	258.20 1.05 0.00	236.52 0.94 0.00	214.35 0.75 0.00	217.51 0.27 0.00	190.62 -0.15 0.00	180.78 1.19 0.00	174.15 2.11 0.00
LOWER___HUDSON 24059	78.88 3.07 0.00	78.71 3.19 0.00	59.31 2.45 0.00	74.67 3.07 0.00	88.41 3.38 0.00	99.84 3.65 0.00	117.89 4.67 0.00	156.65 5.93 0.00	140.49 4.79 0.00	165.23 5.79 0.00	152.42 5.47 0.00	140.51 4.92 0.00	150.43 5.23 0.00	162.73 5.69 0.00	167.86 5.79 0.00	182.88 6.26 0.00	249.26 8.07 0.00	264.88 7.74 0.00	243.13 7.55 0.00	221.13 7.52 0.00	225.35 8.11 0.00	200.55 7.85 -1.93	214.09 7.69 -26.81	180.01 7.15 -0.82
LOWVILLE_115KV_TB2 356335	78.39 2.59 0.00	75.50 -0.01 0.00	56.97 0.11 0.00	72.25 0.65 0.00	86.33 1.30 0.00	99.49 3.30 0.00	119.13 5.90 0.00	159.55 8.84 0.00	144.22 8.52 0.00	168.98 9.54 0.00	155.39 8.44 0.00	143.72 8.13 0.00	153.06 7.86 0.00	164.34 7.30 0.00	169.95 7.87 0.00	185.59 8.96 0.00	253.45 12.26 0.00	271.03 13.89 0.00	248.90 13.32 0.00	227.07 13.47 0.00	229.93 12.70 0.00	200.68 9.91 0.00	189.46 9.88 0.00	181.43 9.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	80.08 4.28 0.00	79.88 4.37 0.00	60.17 3.31 0.00	75.81 4.21 0.00	89.88 4.84 0.00	101.74 5.55 0.00	120.39 7.16 0.00	159.97 9.25 0.00	143.23 7.53 0.00	167.84 8.40 0.00	154.74 7.80 0.00	142.52 6.94 0.00	152.63 7.43 0.00	165.26 8.22 0.00	171.05 8.97 0.00	186.91 10.29 0.00	255.42 14.23 0.00	272.08 14.94 0.00	249.50 13.92 0.00	226.65 13.05 0.00	230.85 13.62 0.00	203.99 12.03 -1.19	207.53 11.40 -16.54	183.20 10.65 -0.51

LUTHERNY_35_KV_BK2 355980	80.14 4.33 0.00	79.86 4.35 0.00	60.17 3.31 0.00	75.81 4.21 0.00	89.93 4.90 0.00	101.84 5.65 0.00	120.54 7.32 0.00	160.12 9.40 0.00	143.33 7.63 0.00	167.94 8.50 0.00	154.92 7.97 0.00	142.59 7.01 0.00	152.69 7.50 0.00	165.34 8.30 0.00	171.18 9.10 0.00	187.06 10.44 0.00	255.42 14.23 0.00	272.32 15.18 0.00	249.78 14.20 0.00	226.86 13.26 0.00	231.07 13.83 0.00	204.18 12.22 -1.19	207.67 11.54 -16.54	183.29 10.75 -0.51
LWR___OSWEGATCHIE_HYD 23850	77.55 1.74 0.00	75.91 0.39 0.00	57.14 0.28 0.00	72.19 0.59 0.00	86.07 1.03 0.00	98.26 2.08 0.00	116.04 2.81 0.00	155.14 4.42 0.00	140.30 4.60 0.00	164.48 5.04 0.00	151.24 4.29 0.00	140.40 4.82 0.00	149.65 4.45 0.00	160.07 3.03 0.00	165.41 3.34 0.00	180.46 3.84 0.00	246.41 5.22 0.00	262.81 5.67 0.00	241.12 5.54 0.00	219.28 5.68 0.00	222.35 5.11 0.00	194.37 3.60 0.00	184.05 4.46 0.00	176.74 4.70 0.00
LYONS_FALL_HYD 23570	78.70 2.90 0.00	76.51 1.00 0.00	57.72 0.85 0.00	73.07 1.47 0.00	87.22 2.18 0.00	100.12 3.94 0.00	119.48 6.25 0.00	159.86 9.15 0.00	144.35 8.65 0.00	169.21 9.77 0.00	155.68 8.73 0.00	143.89 8.31 0.00	153.30 8.11 0.00	164.98 7.94 0.00	170.59 8.52 0.00	186.29 9.66 0.00	254.73 13.55 0.00	272.45 15.31 0.00	250.13 14.55 0.00	227.84 14.24 0.00	230.86 13.62 0.00	201.69 10.92 0.00	190.04 10.46 0.00	181.80 9.76 0.00
MADISON___COUNTY_LFGE 323628	75.66 -0.15 0.00	75.41 -0.10 0.00	56.81 -0.05 0.00	71.63 0.03 0.00	85.33 0.29 0.00	96.95 0.77 0.00	114.56 1.34 0.00	152.84 2.13 0.00	137.61 1.91 0.00	161.04 1.60 0.00	147.79 0.84 0.00	135.98 0.40 0.00	145.42 0.22 0.00	157.20 0.16 0.00	162.43 0.35 0.00	177.45 0.83 0.00	243.66 2.48 0.00	260.25 3.11 0.00	238.31 2.74 0.00	216.02 2.43 0.00	219.56 2.32 0.00	192.52 1.75 0.00	180.69 1.11 0.00	172.88 0.84 0.00
MALONE___115KV_TB1 356076	78.88 3.07 0.00	78.47 2.96 0.00	58.68 1.82 0.00	73.17 1.57 0.00	87.40 2.36 0.00	98.53 2.35 0.00	115.27 2.05 0.00	155.30 4.58 0.00	141.19 5.49 0.00	166.07 6.63 0.00	153.00 6.05 0.00	141.65 6.06 0.00	151.98 6.78 0.00	163.61 6.57 0.00	169.17 7.09 0.00	184.41 7.79 0.00	252.57 11.38 0.00	268.34 11.20 0.00	245.49 9.91 0.00	221.99 8.39 0.00	225.02 7.79 0.00	197.12 6.35 0.00	186.25 6.66 0.00	178.85 6.81 0.00
MAPLEWOD_115KV_TB3 80458	78.58 2.77 0.00	78.41 2.90 0.00	59.08 2.22 0.00	74.39 2.79 0.00	88.05 3.01 0.00	99.38 3.19 0.00	117.17 3.94 0.00	155.79 5.08 0.00	139.80 4.10 0.00	164.50 5.06 0.00	151.62 4.67 0.00	139.97 4.38 0.00	149.62 4.41 0.00	161.76 4.72 0.00	166.54 4.47 0.00	181.43 4.81 0.00	247.09 5.91 0.00	262.99 5.85 0.00	241.12 5.54 0.00	219.09 5.49 0.00	223.23 6.00 0.00	198.50 6.22 -1.51	206.72 6.12 -21.01	178.37 5.69 -0.64
MAPLE_RIDGE_WT_1 323574	75.83 0.02 0.00	74.70 -0.82 0.00	56.11 -0.75 0.00	70.72 -0.89 0.00	84.53 -0.50 0.00	95.74 -0.44 0.00	113.13 -0.09 0.00	150.95 0.23 0.00	135.97 0.27 0.00	159.70 0.25 0.00	147.11 0.16 0.00	135.68 0.09 0.00	145.15 -0.05 0.00	156.96 -0.08 0.00	162.15 0.08 0.00	176.67 0.05 0.00	241.08 -0.11 0.00	256.46 -0.68 0.00	234.92 -0.66 0.00	213.46 -0.14 0.00	216.77 -0.47 0.00	189.89 -0.88 0.00	178.89 -0.70 0.00	171.91 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	75.83 0.02 0.00	74.70 -0.82 0.00	56.11 -0.75 0.00	70.72 -0.89 0.00	84.53 -0.50 0.00	95.74 -0.44 0.00	113.13 -0.09 0.00	150.95 0.23 0.00	135.97 0.27 0.00	159.70 0.25 0.00	147.11 0.16 0.00	135.68 0.09 0.00	145.15 -0.05 0.00	156.96 -0.08 0.00	162.15 0.08 0.00	176.67 0.05 0.00	241.08 -0.11 0.00	256.46 -0.68 0.00	234.92 -0.66 0.00	213.46 -0.14 0.00	216.77 -0.47 0.00	189.89 -0.88 0.00	178.89 -0.70 0.00	171.91 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	77.19 1.38 0.00	76.85 1.33 0.00	57.45 0.59 0.00	71.42 -0.18 0.00	85.22 0.19 0.00	95.75 -0.43 0.00	112.14 -1.09 0.00	150.37 -0.34 0.00	136.53 0.83 0.00	160.71 1.27 0.00	148.27 1.32 0.00	137.10 1.51 0.00	147.49 2.29 0.00	159.56 2.52 0.00	164.84 2.77 0.00	179.53 2.91 0.00	245.37 4.18 0.00	260.18 3.04 0.00	237.79 2.22 0.00	214.98 1.38 0.00	217.86 0.62 0.00	191.06 0.29 0.00	180.58 0.99 0.00	173.46 1.43 0.00
MARSHVLE_115KV_TB1 80742	76.36 0.55 0.00	75.93 0.42 0.00	57.13 0.27 0.00	71.91 0.31 0.00	85.57 0.54 0.00	97.49 1.30 0.00	115.37 2.15 0.00	153.76 3.04 0.00	137.53 1.83 0.00	159.89 0.44 0.00	147.25 0.30 0.00	136.16 0.58 0.00	145.95 0.75 0.00	157.67 0.63 0.00	162.91 0.84 0.00	179.38 2.76 0.00	247.86 6.67 0.00	265.10 7.96 0.00	242.77 7.19 0.00	219.43 5.83 0.00	222.82 5.58 0.00	195.94 4.62 -0.55	191.37 4.18 -7.61	176.18 3.91 -0.23
MARSH_HILL_WT_PWR 323713	68.59 -7.22 0.00	68.47 -7.04 0.00	51.74 -5.12 0.00	65.39 -6.21 0.00	79.27 -5.76 0.00	93.26 -2.92 0.00	110.91 -2.32 0.00	150.32 -0.40 0.00	135.22 -0.48 0.00	157.55 -1.89 0.00	143.31 -3.64 0.00	132.63 -2.96 0.00	141.44 -3.77 0.00	154.15 -2.89 0.00	161.13 -0.94 0.00	177.87 0.59 -0.66	249.80 5.71 -2.90	271.77 9.27 -5.37	244.49 8.91 0.00	221.55 7.94 0.00	225.27 8.03 0.00	196.30 5.53 0.00	182.71 3.12 0.00	176.97 2.40 -2.54
MCINTYRE_115KV_TB2 80467	79.24 3.44 0.00	78.81 3.30 0.00	59.24 2.38 0.00	74.48 2.88 0.00	88.85 3.81 0.00	100.46 4.27 0.00	117.24 4.02 0.00	156.38 5.67 0.00	141.02 5.32 0.00	164.98 5.53 0.00	151.48 4.53 0.00	141.25 5.66 0.00	150.64 5.44 0.00	160.91 3.87 0.00	166.33 4.26 0.00	181.93 5.31 0.00	249.54 8.35 0.00	265.45 8.30 0.00	243.13 7.55 0.00	220.19 6.59 0.00	223.56 6.32 0.00	195.66 4.89 0.00	184.83 5.24 0.00	177.53 5.49 0.00
MECO_____69_KV_BK1 80468	78.79 2.98 0.00	78.44 2.93 0.00	59.06 2.20 0.00	74.39 2.79 0.00	88.48 3.45 0.00	100.67 4.49 0.00	119.39 6.16 0.00	159.29 8.58 0.00	141.76 6.06 0.00	163.90 4.46 0.00	150.43 3.48 0.00	138.57 2.98 0.00	148.44 3.24 0.00	160.19 3.15 0.00	166.20 4.13 0.00	184.21 7.59 0.00	255.42 14.23 0.00	273.36 16.22 0.00	251.27 15.69 0.00	227.30 13.70 0.00	230.83 13.60 0.00	202.73 11.37 -0.59	198.03 10.25 -8.19	181.76 9.47 -0.25
MENANDS___115KV_TB5 355628	78.35 2.54 0.00	78.20 2.69 0.00	58.94 2.08 0.00	74.19 2.59 0.00	87.80 2.77 0.00	98.99 2.81 0.00	116.62 3.39 0.00	155.01 4.30 0.00	139.12 3.42 0.00	163.73 4.28 0.00	150.91 3.96 0.00	139.38 3.80 0.00	148.98 3.78 0.00	160.98 3.94 0.00	165.54 3.47 0.00	180.15 3.53 0.00	245.11 3.92 0.00	260.81 3.67 0.00	239.11 3.53 0.00	217.25 3.65 0.00	221.42 4.18 0.00	196.33 4.66 -0.89	196.74 4.73 -12.42	176.83 4.41 -0.38
MG INDUSTRY___DRP 24185	78.13 2.33 0.00	78.04 2.53 0.00	58.81 1.94 0.00	74.08 2.48 0.00	87.70 2.67 0.00	98.78 2.60 0.00	116.38 3.15 0.00	154.62 3.91 0.00	138.61 2.92 0.00	162.44 3.00 0.00	149.61 2.66 0.00	138.06 2.47 0.00	147.62 2.42 0.00	159.66 2.62 0.00	164.56 2.49 0.00	179.60 2.99 0.00	244.79 3.60 0.00	260.50 3.36 0.00	238.68 3.10 0.00	216.72 3.12 0.00	220.81 3.57 0.00	192.98 3.97 1.75	159.39 4.16 24.36	175.35 4.06 0.75

MID___OSWEGATCHIE_HYD 23849	77.55 1.74 0.00	75.91 0.39 0.00	57.14 0.28 0.00	72.19 0.59 0.00	86.07 1.03 0.00	98.26 2.08 0.00	116.04 2.81 0.00	155.14 4.42 0.00	140.30 4.60 0.00	164.48 5.04 0.00	151.24 4.29 0.00	140.40 4.82 0.00	149.65 4.45 0.00	160.07 3.03 0.00	165.41 3.34 0.00	180.46 3.84 0.00	246.41 5.22 0.00	262.81 5.67 0.00	241.12 5.54 0.00	219.28 5.68 0.00	222.35 5.11 0.00	194.37 3.60 0.00	184.05 4.46 0.00	176.74 4.70 0.00
MID___RAQUETTE_HYD 23851	77.68 1.87 0.00	77.16 1.64 0.00	57.96 1.09 0.00	72.85 1.25 0.00	86.69 1.65 0.00	98.08 1.89 0.00	114.30 1.07 0.00	152.67 1.96 0.00	137.99 2.29 0.00	161.87 2.43 0.00	148.94 1.99 0.00	138.64 3.06 0.00	147.90 2.70 0.00	157.63 0.58 0.00	162.97 0.89 0.00	177.60 0.98 0.00	242.81 1.62 0.00	258.19 1.05 0.00	236.51 0.94 0.00	214.35 0.75 0.00	217.51 0.27 0.00	190.62 -0.15 0.00	180.77 1.19 0.00	174.15 2.11 0.00
MILLIKEN___1 23584	75.29 -0.52 0.00	74.96 -0.55 0.00	56.43 -0.43 0.00	71.16 -0.44 0.00	84.87 -0.16 0.00	96.66 0.48 0.00	114.42 1.20 0.00	153.16 2.44 0.00	138.86 3.16 0.00	162.55 3.11 0.00	148.25 1.31 0.00	136.73 1.15 0.00	146.17 0.97 0.00	158.06 1.02 0.00	163.45 1.38 0.00	178.77 2.15 0.00	245.93 4.75 0.00	263.90 6.76 0.00	241.33 5.76 0.00	218.54 4.93 0.00	222.29 5.05 0.00	194.23 3.46 0.00	182.14 2.56 0.00	174.28 2.25 0.00
MILLIKEN___2 23585	75.29 -0.52 0.00	74.96 -0.55 0.00	56.43 -0.43 0.00	71.16 -0.44 0.00	84.87 -0.16 0.00	96.66 0.48 0.00	114.42 1.20 0.00	153.16 2.44 0.00	138.86 3.16 0.00	162.55 3.11 0.00	148.25 1.31 0.00	136.73 1.15 0.00	146.17 0.97 0.00	158.06 1.02 0.00	163.45 1.38 0.00	178.77 2.15 0.00	245.93 4.75 0.00	263.90 6.76 0.00	241.33 5.76 0.00	218.54 4.93 0.00	222.29 5.05 0.00	194.23 3.46 0.00	182.14 2.56 0.00	174.28 2.25 0.00
MILLIKEN___DIESEL 23629	75.29 -0.52 0.00	74.96 -0.55 0.00	56.43 -0.43 0.00	71.16 -0.44 0.00	84.87 -0.16 0.00	96.66 0.48 0.00	114.42 1.20 0.00	153.16 2.44 0.00	138.86 3.16 0.00	162.55 3.11 0.00	148.25 1.31 0.00	136.73 1.15 0.00	146.17 0.97 0.00	158.06 1.02 0.00	163.45 1.38 0.00	178.77 2.15 0.00	245.93 4.75 0.00	263.90 6.76 0.00	241.33 5.76 0.00	218.54 4.93 0.00	222.29 5.05 0.00	194.23 3.46 0.00	182.14 2.56 0.00	174.28 2.25 0.00
MILLSEAT___LFGE 323607	70.18 -5.62 0.00	69.69 -5.82 0.00	52.66 -4.20 0.00	66.89 -4.70 0.00	81.07 -3.97 0.00	92.79 -3.39 0.00	106.39 -6.84 0.00	141.58 -9.13 0.00	127.99 -7.71 0.00	150.07 -9.37 0.00	136.71 -10.24 0.00	126.58 -9.01 0.00	135.37 -9.83 0.00	146.27 -10.77 0.00	150.99 -11.08 0.00	162.84 -12.26 1.52	221.87 -12.66 6.66	233.10 -11.72 12.32	222.85 -12.72 0.00	200.83 -12.77 0.00	203.12 -14.11 0.00	176.07 -14.70 0.00	166.49 -13.10 0.00	155.90 -10.32 5.82
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	77.99 2.19 0.00	77.77 2.25 0.00	58.55 1.69 0.00	73.58 1.98 0.00	86.72 1.69 0.00	98.31 2.13 0.00	116.51 3.28 0.00	154.97 4.26 0.00	139.42 3.72 0.00	164.43 4.99 0.00	152.64 5.69 0.00	140.83 5.24 0.00	150.96 5.76 0.00	163.45 6.41 0.00	168.41 6.33 0.00	183.57 6.95 0.00	250.14 8.96 0.00	268.06 10.92 0.00	245.54 9.96 0.00	223.06 9.46 0.00	227.08 9.84 0.00	199.95 9.02 -0.16	188.96 7.14 -2.24	177.97 5.87 -0.07
MILLWOOD_13_KV_LOAD 356217	78.16 2.35 0.00	77.93 2.41 0.00	58.67 1.80 0.00	73.74 2.14 0.00	86.92 1.88 0.00	98.57 2.38 0.00	116.80 3.58 0.00	155.39 4.67 0.00	139.83 4.13 0.00	164.84 5.40 0.00	153.03 6.08 0.00	141.21 5.62 0.00	151.34 6.13 0.00	163.88 6.84 0.00	168.83 6.75 0.00	184.08 7.46 0.00	251.02 9.83 0.00	269.03 11.88 0.00	246.42 10.84 0.00	223.77 10.17 0.00	227.82 10.58 0.00	200.57 9.64 -0.16	189.49 7.66 -2.24	178.45 6.34 -0.07
MODEL_CITY_ENERGY 24167	67.84 -7.96 0.00	67.33 -8.19 0.00	50.85 -6.01 0.00	64.59 -7.01 0.00	78.54 -6.50 0.00	90.16 -6.03 0.00	103.36 -9.87 0.00	137.12 -13.59 0.00	124.02 -11.68 0.00	145.79 -13.65 0.00	133.10 -13.84 0.00	123.50 -12.08 0.00	132.22 -12.98 0.00	142.82 -14.22 0.00	147.34 -14.73 0.00	158.00 -16.86 1.75	213.61 -19.90 7.68	222.75 -20.19 14.21	215.07 -20.51 0.00	193.76 -19.84 0.00	195.99 -21.24 0.00	169.95 -20.81 0.00	161.49 -18.10 0.00	151.08 -14.24 6.71
MODERN_LFGE___ 323580	67.84 -7.96 0.00	67.33 -8.19 0.00	50.85 -6.01 0.00	64.59 -7.01 0.00	78.54 -6.50 0.00	90.16 -6.03 0.00	103.36 -9.87 0.00	137.12 -13.59 0.00	124.02 -11.68 0.00	145.79 -13.65 0.00	133.10 -13.84 0.00	123.50 -12.08 0.00	132.22 -12.98 0.00	142.82 -14.22 0.00	147.34 -14.73 0.00	158.00 -16.86 1.75	213.61 -19.90 7.68	222.75 -20.19 14.21	215.07 -20.51 0.00	193.76 -19.84 0.00	195.99 -21.24 0.00	169.95 -20.81 0.00	161.49 -18.10 0.00	151.08 -14.24 6.71
MOHAWK_PAPER___DRP 24187	78.58 2.77 0.00	78.41 2.90 0.00	59.08 2.22 0.00	74.39 2.79 0.00	88.05 3.01 0.00	99.38 3.19 0.00	117.17 3.94 0.00	155.79 5.08 0.00	139.80 4.10 0.00	164.50 5.06 0.00	151.62 4.67 0.00	139.97 4.38 0.00	149.62 4.41 0.00	161.76 4.72 0.00	166.54 4.47 0.00	181.43 4.81 0.00	247.09 5.91 0.00	262.99 5.85 0.00	241.12 5.54 0.00	219.09 5.49 0.00	223.23 6.00 0.00	198.50 6.22 -1.51	206.72 6.12 -21.01	178.37 5.69 -0.64
MOHICAN___35_KV_115KV_LD 80490	81.70 5.89 0.00	81.49 5.98 0.00	61.37 4.51 0.00	77.24 5.64 0.00	91.66 6.62 0.00	104.02 7.84 0.00	123.36 10.13 0.00	164.01 13.30 0.00	146.50 10.81 0.00	171.30 11.85 0.00	157.87 10.92 0.00	145.15 9.56 0.00	155.68 10.48 0.00	168.73 11.69 0.00	175.11 13.04 0.00	191.49 14.87 0.00	262.52 21.33 0.00	279.21 22.07 0.00	256.16 20.59 0.00	232.93 19.33 0.00	237.59 20.35 0.00	209.07 17.14 -1.16	211.79 16.16 -16.04	187.58 15.05 -0.49
MONGAUP___HYD 23641	78.45 2.65 0.00	78.23 2.72 0.00	58.94 2.07 0.00	74.13 2.53 0.00	87.55 2.51 0.00	99.29 3.11 0.00	117.72 4.49 0.00	156.72 6.01 0.00	140.52 4.82 0.00	164.81 5.37 0.00	152.45 5.49 0.00	140.40 4.81 0.00	149.66 4.46 0.00	162.48 5.44 0.00	167.73 5.66 0.00	182.69 6.07 0.00	247.97 6.78 0.00	266.32 9.18 0.00	244.30 8.72 0.00	221.80 8.19 0.00	226.04 8.80 0.00	201.25 10.35 -0.13	190.54 9.15 -1.80	179.77 7.68 -0.05
MONTAUK___DIESEL 23721	106.56 2.31 -28.45	120.65 1.90 -43.24	106.34 1.52 -47.96	104.55 1.66 -31.29	118.34 1.47 -31.84	126.73 2.11 -28.44	151.76 3.60 -34.94	207.70 4.88 -52.10	138.97 2.22 -1.04	182.92 5.58 -17.90	179.56 6.57 -26.03	148.66 5.87 -7.21	192.46 5.98 -41.28	186.07 6.68 -22.35	206.86 5.14 -39.65	207.19 5.13 -25.43	272.19 10.75 -20.26	461.33 21.84 -182.34	288.31 18.99 -33.74	232.01 18.42 0.00	241.42 24.18 0.00	214.89 23.96 -0.17	197.65 15.80 -2.27	184.53 10.90 -1.59
MOONROAD_115KV_HARTFLD_TB1-2 355988	68.90 -6.90 0.00	68.96 -6.55 0.00	52.01 -4.85 0.00	66.07 -5.53 0.00	80.37 -4.67 0.00	93.58 -2.60 0.00	109.25 -3.98 0.00	145.51 -5.20 0.00	132.18 -3.52 0.00	156.35 -3.09 0.00	143.00 -3.95 0.00	133.07 -2.52 0.00	141.89 -3.31 0.00	153.32 -3.72 0.00	158.38 -3.69 0.00	172.66 -3.96 0.00	239.56 -1.63 0.00	257.12 -0.02 0.00	234.26 -1.32 0.00	211.34 -2.26 0.00	214.33 -2.91 0.00	184.13 -6.64 0.00	172.71 -6.88 0.00	167.20 -4.84 0.00

MORRIS_RIDGE___SOLAR 323848	68.92 -6.89 0.00	68.63 -6.88 0.00	51.80 -5.06 0.00	65.67 -5.92 0.00	79.61 -5.42 0.00	92.58 -3.60 0.00	108.67 -4.55 0.00	148.10 -2.62 0.00	133.02 -2.68 0.00	155.12 -4.33 0.00	140.86 -6.09 0.00	130.49 -5.09 0.00	139.24 -5.96 0.00	151.37 -5.67 0.00	157.89 -4.18 0.00	175.33 -2.84 -1.56	248.53 0.52 -6.83	272.61 2.84 -12.62	238.48 2.91 0.00	216.07 2.47 0.00	219.81 2.57 0.00	191.70 0.94 0.00	178.73 -0.86 0.00	176.80 -1.21 -5.96
MORTIMER_115KV_TB3 55949	71.84 -3.97 0.00	71.42 -4.10 0.00	53.97 -2.89 0.00	68.40 -3.20 0.00	82.36 -2.68 0.00	94.26 -1.92 0.00	109.75 -3.48 0.00	145.92 -4.80 0.00	131.84 -3.86 0.00	154.77 -4.67 0.00	141.35 -5.60 0.00	130.82 -4.76 0.00	140.07 -5.13 0.00	151.27 -5.77 0.00	156.22 -5.85 0.00	170.02 -6.61 0.00	234.73 -6.46 0.00	251.37 -5.78 0.00	229.11 -6.47 0.00	206.81 -6.79 0.00	209.57 -7.67 0.00	182.38 -8.39 0.00	171.76 -7.83 0.00	165.32 -6.71 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	78.32 2.51 0.00	78.09 2.58 0.00	58.79 1.92 0.00	73.87 2.26 0.00	87.01 1.97 0.00	98.61 2.42 0.00	116.89 3.66 0.00	155.45 4.74 0.00	139.95 4.25 0.00	165.15 5.70 0.00	153.46 6.51 0.00	141.60 6.01 0.00	151.88 6.68 0.00	164.43 7.39 0.00	169.27 7.20 0.00	184.54 7.92 0.00	251.49 10.30 0.00	269.60 12.46 0.00	246.95 11.37 0.00	224.20 10.60 0.00	228.24 11.00 0.00	200.99 10.05 -0.16	189.72 7.87 -2.27	178.52 6.42 -0.07
MUNSVILLE_WIND_PWR 323609	78.67 2.87 0.00	77.36 1.85 0.00	57.26 0.40 0.00	71.97 0.36 0.00	86.19 1.15 0.00	98.87 2.68 0.00	119.34 6.11 0.00	164.03 13.31 0.00	157.65 21.95 0.00	183.15 23.71 0.00	158.72 11.77 0.00	146.28 10.69 0.00	155.87 10.66 0.00	167.74 10.70 0.00	174.06 11.98 0.00	192.61 15.39 -0.60	268.80 24.98 -2.63	292.61 30.61 -4.86	263.37 27.79 0.00	237.97 24.37 0.00	241.53 24.29 0.00	211.29 20.52 0.00	197.41 17.82 0.00	189.47 15.13 -2.30
N SALMON___HYD 24042	78.88 3.07 0.00	78.47 2.96 0.00	58.68 1.82 0.00	73.17 1.57 0.00	87.40 2.36 0.00	98.53 2.35 0.00	115.27 2.05 0.00	155.31 4.60 0.00	141.19 5.49 0.00	166.07 6.63 0.00	153.00 6.05 0.00	141.65 6.06 0.00	151.98 6.78 0.00	163.60 6.57 0.00	169.17 7.09 0.00	184.40 7.79 0.00	252.57 11.39 0.00	268.34 11.20 0.00	245.49 9.91 0.00	221.99 8.39 0.00	225.02 7.78 0.00	197.11 6.34 0.00	186.25 6.66 0.00	178.85 6.81 0.00
N.AKRON__115KV_KNAPP 355671	69.65 -6.16 0.00	69.14 -6.37 0.00	52.25 -4.61 0.00	66.38 -5.22 0.00	80.55 -4.48 0.00	92.36 -3.82 0.00	106.00 -7.23 0.00	140.95 -9.76 0.00	127.48 -8.22 0.00	149.66 -9.78 0.00	136.42 -10.53 0.00	126.35 -9.24 0.00	135.13 -10.07 0.00	145.97 -11.06 0.00	150.68 -11.39 0.00	163.68 -12.94 0.00	227.21 -13.98 0.00	244.09 -13.05 0.00	221.70 -13.88 0.00	199.83 -13.77 0.00	202.13 -15.11 0.00	175.14 -15.63 0.00	165.77 -13.82 0.00	161.32 -10.72 0.00
N.E_GEN_SANDY PD 24062	80.40 2.60 -2.00	78.33 2.78 -0.04	72.35 2.13 -13.36	74.80 2.58 -0.62	94.81 2.61 -7.16	105.96 2.86 -6.91	128.81 3.81 -11.76	159.21 4.72 -3.78	139.53 3.83 0.00	160.37 4.72 3.78	153.49 4.90 -1.64	138.39 4.38 1.57	149.94 4.72 -0.02	162.42 5.25 -0.13	167.34 5.26 0.00	182.24 5.62 0.00	248.30 7.11 0.00	264.13 6.99 0.00	242.42 6.84 0.00	220.38 6.78 0.00	224.55 7.31 0.00	202.31 7.25 -4.30	202.12 6.69 -15.84	178.59 6.06 -0.49
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	77.71 1.91 0.00	77.47 1.96 0.00	58.32 1.46 0.00	73.28 1.68 0.00	86.39 1.36 0.00	98.04 1.85 0.00	116.21 2.98 0.00	154.50 3.78 0.00	139.01 3.31 0.00	163.94 4.50 0.00	152.19 5.24 0.00	140.41 4.83 0.00	150.49 5.29 0.00	162.96 5.91 0.00	167.87 5.79 0.00	183.05 6.43 0.00	249.46 8.27 0.00	267.30 10.16 0.00	244.79 9.21 0.00	222.35 8.75 0.00	226.44 9.21 0.00	199.37 8.45 -0.15	188.27 6.60 -2.09	177.47 5.37 -0.06
N.QUEENS_27_KV_LOAD 356247	78.15 2.34 0.00	77.78 2.27 0.00	58.55 1.69 0.00	73.49 1.89 0.00	86.39 1.36 0.00	97.91 1.73 0.01	105.31 3.11 11.02	153.02 3.36 1.06	138.70 3.01 0.01	163.84 4.40 0.01	152.94 5.99 0.00	141.49 5.91 0.00	151.82 6.62 0.00	164.78 7.74 0.00	169.11 7.04 0.00	184.56 7.94 0.00	251.43 10.24 0.00	269.93 12.79 0.00	247.14 11.56 0.00	224.30 10.69 0.00	228.21 10.98 0.00	201.04 10.10 -0.16	189.53 7.67 -2.27	178.67 6.56 -0.07
N.TROY___115KV_TB1 355778	78.88 3.07 0.00	78.71 3.19 0.00	59.31 2.45 0.00	74.67 3.07 0.00	88.41 3.38 0.00	99.85 3.66 0.00	117.89 4.67 0.00	156.64 5.93 0.00	140.50 4.80 0.00	165.23 5.79 0.00	152.42 5.47 0.00	140.50 4.91 0.00	150.42 5.22 0.00	162.73 5.69 0.00	167.87 5.79 0.00	182.90 6.28 0.00	249.29 8.10 0.00	264.90 7.76 0.00	243.13 7.55 0.00	221.13 7.53 0.00	225.33 8.10 0.00	200.55 7.85 -1.93	214.12 7.72 -26.81	180.01 7.15 -0.82
NARROWS_GT1_1 24228	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT1_2 24229	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT1_3 24230	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT1_4 24231	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT1_5 24232	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07

NARROWS_GT1_6 24233	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT1_7 24234	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT1_8 24235	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT2_1 24236	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT2_2 24237	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT2_3 24238	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT2_4 24239	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT2_5 24240	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT2_6 24241	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT2_7 24242	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NARROWS_GT2_8 24243	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.98 2.38 0.00	86.95 1.91 0.00	98.54 2.35 0.00	116.92 3.70 0.00	154.87 4.15 0.00	139.24 3.54 0.00	164.22 4.78 0.00	152.93 5.98 0.00	141.06 5.48 0.00	151.38 6.18 0.00	163.76 6.73 0.00	168.32 6.24 0.00	183.68 7.06 0.00	250.30 9.11 0.00	268.59 11.45 0.00	245.88 10.30 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.13 9.20 -0.16	188.84 6.99 -2.27	177.76 5.65 -0.07
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	80.12 4.31 0.00	80.03 4.52 0.00	60.31 3.45 0.00	76.04 4.44 0.00	90.17 5.14 0.00	101.77 5.58 0.00	120.20 6.97 0.00	160.31 9.59 0.00	143.45 7.75 0.00	167.18 7.73 0.00	153.07 6.12 0.00	140.79 5.20 0.00	150.50 5.30 0.00	162.81 5.77 0.00	167.90 5.82 0.00	184.69 8.07 0.00	253.26 12.07 0.00	269.68 12.54 0.00	247.23 11.65 0.00	224.48 10.88 0.00	228.50 11.27 0.00	199.41 10.50 1.86	163.92 10.13 25.80	180.78 9.53 0.79
NCHELSEA_115KV_TR2 355582	78.82 3.02 0.00	78.63 3.12 0.00	59.22 2.36 0.00	74.48 2.88 0.00	87.89 2.86 0.00	99.58 3.39 0.00	117.96 4.74 0.00	156.99 6.27 0.00	141.29 5.59 0.00	166.53 7.09 0.00	154.40 7.45 0.00	142.39 6.81 0.00	152.66 7.45 0.00	165.30 8.26 0.00	170.60 8.52 0.00	186.06 9.44 0.00	253.32 12.13 0.00	271.43 14.29 0.00	249.29 13.71 0.00	226.39 12.79 0.00	230.39 13.16 0.00	202.65 11.77 -0.12	191.07 9.85 -1.64	180.58 8.49 -0.05
NEG CAPITAL___MECHNVIL 23645	80.14 4.34 0.00	79.93 4.42 0.00	60.22 3.36 0.00	75.86 4.26 0.00	89.91 4.88 0.00	101.67 5.48 0.00	120.43 7.20 0.00	160.10 9.38 0.00	143.41 7.71 0.00	168.08 8.64 0.00	154.95 8.00 0.00	142.74 7.16 0.00	152.81 7.61 0.00	165.48 8.44 0.00	171.21 9.14 0.00	187.06 10.44 0.00	255.68 14.49 0.00	272.30 15.16 0.00	249.74 14.16 0.00	226.83 13.23 0.00	230.97 13.73 0.00	204.44 12.27 -1.40	210.63 11.59 -19.46	183.39 10.75 -0.60
NEG CENTRAL_HIGH_ACRES 23767	70.99 -4.81 0.00	70.61 -4.91 0.00	53.31 -3.56 0.00	67.50 -4.10 0.00	81.04 -3.99 0.00	92.62 -3.57 0.00	108.28 -4.95 0.00	144.21 -6.50 0.00	130.19 -5.51 0.00	152.92 -6.52 0.00	139.82 -7.13 0.00	129.29 -6.30 0.00	138.35 -6.85 0.00	149.47 -7.57 0.00	154.50 -7.58 0.00	167.66 -8.28 0.68	229.03 -9.18 2.97	242.73 -8.91 5.50	226.35 -9.22 0.00	204.50 -9.10 0.00	207.34 -9.89 0.00	180.66 -10.11 0.00	169.99 -9.59 0.00	160.65 -8.79 2.60

NEG CENTRAL___DRP 24199	73.58 -2.22 0.00	73.26 -2.25 0.00	55.26 -1.60 0.00	69.79 -1.81 0.00	83.40 -1.64 0.00	95.02 -1.16 0.00	111.85 -1.38 0.00	149.18 -1.54 0.00	134.69 -1.01 0.00	157.90 -1.54 0.00	144.69 -2.26 0.00	133.43 -2.16 0.00	142.76 -2.45 0.00	154.36 -2.68 0.00	159.47 -2.61 0.00	174.00 -2.62 0.00	239.45 -1.73 0.00	256.62 -0.52 0.00	234.33 -1.25 0.00	211.90 -1.70 0.00	215.25 -1.99 0.00	187.82 -2.95 0.00	176.35 -3.23 0.00	169.10 -2.94 0.00
NEG CENTRAL___INDECK 23768	68.78 -7.02 0.00	68.37 -7.14 0.00	51.66 -5.20 0.00	65.53 -6.07 0.00	79.10 -5.93 0.00	91.37 -4.82 0.00	106.87 -6.36 0.00	143.45 -7.26 0.00	129.21 -6.49 0.00	150.58 -8.86 0.00	136.28 -10.67 0.00	125.50 -10.08 0.00	133.88 -11.32 0.00	145.02 -12.02 0.00	151.01 -11.06 0.00	166.71 -10.34 -0.43	234.43 -8.64 -1.88	253.91 -6.71 -3.48	228.67 -6.90 0.00	206.82 -6.78 0.00	209.63 -7.61 0.00	182.33 -8.44 0.00	170.34 -9.25 0.00	164.85 -8.83 -1.64
NEG CENTRAL___SENECA 23627	73.31 -2.49 0.00	72.97 -2.54 0.00	55.07 -1.79 0.00	69.60 -2.00 0.00	83.36 -1.67 0.00	95.16 -1.03 0.00	111.73 -1.49 0.00	149.03 -1.68 0.00	134.50 -1.20 0.00	157.70 -1.75 0.00	144.40 -2.55 0.00	133.31 -2.27 0.00	142.59 -2.62 0.00	154.15 -2.89 0.00	159.32 -2.76 0.00	173.78 -2.84 0.00	239.42 -1.77 0.00	256.59 -0.55 0.00	234.16 -1.42 0.00	211.62 -1.99 0.00	214.74 -2.49 0.00	187.20 -3.57 0.00	175.83 -3.76 0.00	168.74 -3.30 0.00
NEG CENTRAL___STATE_STREET 24147	74.24 -1.56 0.00	74.11 -1.40 0.00	55.86 -1.00 0.00	70.43 -1.17 0.00	83.85 -1.18 0.00	95.31 -0.87 0.00	112.74 -0.49 0.00	150.52 -0.19 0.00	136.10 0.40 0.00	159.54 0.10 0.00	145.72 -1.23 0.00	134.17 -1.41 0.00	143.83 -1.37 0.00	155.52 -1.52 0.00	160.68 -1.39 0.00	175.47 -1.15 0.00	241.38 0.20 0.00	258.94 1.80 0.00	236.11 0.53 0.00	213.64 0.04 0.00	217.76 0.52 0.00	189.91 -0.86 0.00	178.03 -1.56 0.00	170.87 -1.17 0.00
NEG MILLWOOD___DRP 24198	78.98 3.18 0.00	78.79 3.28 0.00	59.33 2.47 0.00	74.62 3.02 0.00	88.04 3.01 0.00	99.81 3.63 0.00	118.30 5.07 0.00	157.53 6.81 0.00	141.62 5.92 0.00	166.79 7.35 0.00	154.72 7.77 0.00	142.72 7.14 0.00	152.97 7.77 0.00	165.65 8.61 0.00	170.85 8.78 0.00	186.41 9.79 0.00	254.59 13.41 0.00	272.95 15.81 0.00	250.04 14.46 0.00	227.05 13.45 0.00	231.01 13.77 0.00	203.24 12.32 -0.15	191.84 10.22 -2.03	180.83 8.73 -0.06
NEG NORTH_FLCN_SEA 23793	77.70 1.89 0.00	77.57 2.06 0.00	57.97 1.11 0.00	72.02 0.42 0.00	85.78 0.75 0.00	96.22 0.04 0.00	112.44 -0.79 0.00	151.02 0.31 0.00	137.33 1.63 0.00	161.69 2.25 0.00	149.28 2.33 0.00	137.94 2.35 0.00	148.54 3.34 0.00	161.00 3.97 0.00	166.56 4.48 0.00	180.93 4.31 0.00	247.44 6.25 0.00	262.18 5.04 0.00	239.80 4.22 0.00	217.04 3.44 0.00	219.41 2.18 0.00	192.15 1.38 0.00	181.89 2.30 0.00	174.57 2.53 0.00
NEG NORTH_KES_CHATEGAY 23792	77.55 1.74 0.00	77.21 1.69 0.00	57.70 0.84 0.00	71.72 0.12 0.00	85.61 0.57 0.00	96.22 0.03 0.00	112.80 -0.43 0.00	151.47 0.76 0.00	137.56 1.86 0.00	161.76 2.32 0.00	149.13 2.18 0.00	137.82 2.23 0.00	148.30 3.10 0.00	160.36 3.32 0.00	165.75 3.68 0.00	180.66 4.03 0.00	247.16 5.98 0.00	262.14 5.00 0.00	239.57 4.00 0.00	216.49 2.89 0.00	219.45 2.21 0.00	192.42 1.66 0.00	181.79 2.20 0.00	174.58 2.55 0.00
NEG NORTH___ALICE_FALLS 23915	78.39 2.59 0.00	78.25 2.74 0.00	58.43 1.57 0.00	72.66 1.05 0.00	86.61 1.57 0.00	97.43 1.25 0.00	115.70 2.47 0.00	156.28 5.56 0.00	141.94 6.24 0.00	167.40 7.95 0.00	154.12 7.18 0.00	142.42 6.83 0.00	153.04 7.84 0.00	165.61 8.57 0.00	171.25 9.17 0.00	186.96 10.33 0.00	256.50 15.31 0.00	272.91 15.77 0.00	249.76 14.18 0.00	225.82 12.22 0.00	228.43 11.19 0.00	199.96 9.19 0.00	188.58 9.00 0.00	180.81 8.78 0.00
NEG NORTH___LWR_SARANAC 23913	78.39 2.59 0.00	78.25 2.74 0.00	58.43 1.57 0.00	72.66 1.05 0.00	86.61 1.57 0.00	97.43 1.25 0.00	115.70 2.47 0.00	156.28 5.56 0.00	141.94 6.24 0.00	167.40 7.95 0.00	154.12 7.18 0.00	142.42 6.83 0.00	153.04 7.84 0.00	165.61 8.57 0.00	171.25 9.17 0.00	186.96 10.33 0.00	256.50 15.31 0.00	272.91 15.77 0.00	249.76 14.18 0.00	225.82 12.22 0.00	228.43 11.19 0.00	199.96 9.19 0.00	188.58 9.00 0.00	180.81 8.78 0.00
NEG NORTH___PLATTSBURG 23628	78.39 2.59 0.00	78.25 2.74 0.00	58.43 1.57 0.00	72.66 1.05 0.00	86.61 1.57 0.00	97.44 1.25 0.00	115.70 2.47 0.00	156.28 5.56 0.00	141.94 6.24 0.00	167.39 7.95 0.00	154.12 7.17 0.00	142.41 6.83 0.00	153.04 7.84 0.00	165.61 8.57 0.00	171.24 9.17 0.00	186.97 10.34 0.00	256.50 15.32 0.00	272.91 15.77 0.00	249.76 14.18 0.00	225.81 12.21 0.00	228.42 11.18 0.00	199.96 9.19 0.00	188.58 8.99 0.00	180.81 8.78 0.00
NEG WEST_LEA_LOCKPORT 23791	67.92 -7.88 0.00	67.46 -8.05 0.00	50.98 -5.88 0.00	64.78 -6.82 0.00	78.74 -6.30 0.00	90.45 -5.73 0.00	103.72 -9.51 0.00	137.61 -13.10 0.00	124.51 -11.19 0.00	146.45 -12.99 0.00	133.71 -13.24 0.00	124.11 -11.47 0.00	132.89 -12.31 0.00	143.45 -13.59 0.00	148.02 -14.06 0.00	160.31 -16.31 0.00	222.01 -19.18 0.00	237.89 -19.25 0.00	216.07 -19.51 0.00	194.76 -18.84 0.00	197.12 -20.12 0.00	170.82 -19.95 0.00	162.03 -17.56 0.00	158.04 -13.99 0.00
NEG WEST___LANCASTR 23811	69.94 -5.86 0.00	69.61 -5.91 0.00	52.63 -4.23 0.00	66.81 -4.79 0.00	80.90 -4.14 0.00	93.18 -3.01 0.00	107.81 -5.41 0.00	143.38 -7.34 0.00	129.40 -6.30 0.00	152.26 -7.18 0.00	139.56 -7.39 0.00	129.78 -5.81 0.00	138.74 -6.47 0.00	149.78 -7.26 0.00	154.80 -7.28 0.00	168.07 -8.55 0.00	232.65 -8.53 0.00	249.14 -8.00 0.00	226.29 -9.29 0.00	204.28 -9.32 0.00	207.18 -10.06 0.00	179.89 -10.87 0.00	169.54 -10.05 0.00	164.19 -7.85 0.00
NEG_PENN_ALLEGHNY 23528	74.01 -1.80 0.00	73.79 -1.72 0.00	55.59 -1.27 0.00	70.13 -1.48 0.00	83.58 -1.46 0.00	95.18 -1.01 0.00	112.33 -0.90 0.00	150.74 0.03 0.00	135.83 0.13 0.00	159.00 -0.44 0.00	146.51 -0.44 0.00	135.41 -0.18 0.00	144.49 -0.71 0.00	156.34 -0.70 0.00	161.74 -0.34 0.00	177.19 -0.12 -0.69	245.14 0.93 -3.02	264.21 1.30 -5.78	236.12 0.54 0.00	214.99 1.39 0.00	219.14 1.90 0.00	191.82 1.05 0.00	179.85 0.27 0.00	174.65 -0.02 -2.64
NEG___GEN_MONROE 24207	72.09 -3.72 0.00	71.62 -3.90 0.00	54.15 -2.71 0.00	68.65 -2.95 0.00	82.72 -2.32 0.00	94.73 -1.46 0.00	110.09 -3.13 0.00	146.42 -4.29 0.00	132.25 -3.45 0.00	155.12 -4.33 0.00	141.41 -5.54 0.00	130.78 -4.80 0.00	140.02 -5.18 0.00	151.14 -5.90 0.00	156.14 -5.94 0.00	170.06 -6.56 0.00	235.47 -5.72 0.00	252.57 -4.57 0.00	230.11 -5.47 0.00	207.66 -5.94 0.00	210.29 -6.95 0.00	182.85 -7.91 0.00	172.25 -7.34 0.00	165.96 -6.08 0.00
NEPA___ENERGY 23901	69.37 -6.44 0.00	69.16 -6.36 0.00	52.17 -4.69 0.00	66.15 -5.45 0.00	80.05 -4.98 0.00	92.57 -3.62 0.00	107.77 -5.46 0.00	143.09 -7.63 0.00	129.42 -6.28 0.00	152.51 -6.94 0.00	139.24 -7.71 0.00	129.50 -6.08 0.00	137.67 -7.53 0.00	148.83 -8.21 0.00	154.03 -8.04 0.00	167.37 -9.25 0.00	231.21 -9.97 0.00	248.03 -9.11 0.00	226.39 -9.19 0.00	204.66 -8.94 0.00	208.39 -8.85 0.00	180.37 -10.40 0.00	169.19 -10.39 0.00	163.31 -8.72 0.00

NEVERSINK___HYD 23608	77.37 1.56 0.00	77.23 1.71 0.00	58.20 1.34 0.00	73.22 1.62 0.00	86.47 1.43 0.00	98.04 1.85 0.00	116.27 3.04 0.00	154.80 4.08 0.00	139.14 3.44 0.00	163.42 3.98 0.00	151.26 4.31 0.00	139.47 3.89 0.00	149.34 4.14 0.00	161.69 4.65 0.00	166.87 4.79 0.00	182.57 5.95 0.00	249.58 8.39 0.00	267.70 10.56 0.00	245.38 9.80 0.00	222.81 9.21 0.00	226.73 9.50 0.00	199.18 8.41 0.00	186.23 6.64 0.00	177.55 5.51 0.00
NEWKRMKL_115KV_TB1 55635	78.35 2.54 0.00	78.21 2.70 0.00	58.94 2.08 0.00	74.22 2.61 0.00	87.81 2.77 0.00	98.90 2.71 0.00	116.49 3.27 0.00	154.77 4.06 0.00	138.96 3.26 0.00	163.43 3.98 0.00	150.61 3.66 0.00	139.14 3.55 0.00	148.63 3.43 0.00	160.59 3.55 0.00	164.86 2.78 0.00	179.32 2.70 0.00	243.93 2.75 0.00	259.57 2.42 0.00	237.93 2.35 0.00	216.14 2.54 0.00	220.32 3.08 0.00	193.71 3.68 0.74	173.05 3.69 10.22	175.19 3.47 0.31
NEWTON___FALLS_HYD 23847	77.55 1.74 0.00	75.91 0.39 0.00	57.14 0.28 0.00	72.19 0.59 0.00	86.07 1.03 0.00	98.26 2.08 0.00	116.04 2.81 0.00	155.14 4.42 0.00	140.30 4.60 0.00	164.48 5.04 0.00	151.24 4.29 0.00	140.40 4.82 0.00	149.65 4.45 0.00	160.07 3.03 0.00	165.41 3.34 0.00	180.46 3.84 0.00	246.41 5.22 0.00	262.81 5.67 0.00	241.12 5.54 0.00	219.28 5.68 0.00	222.35 5.11 0.00	194.37 3.60 0.00	184.05 4.46 0.00	176.74 4.70 0.00
NGRID_A1_DSASP 323792	67.85 -7.95 0.00	67.36 -8.16 0.00	50.99 -5.87 0.00	64.91 -6.68 0.00	78.87 -6.17 0.00	90.60 -5.59 0.00	103.81 -9.41 0.00	137.72 -12.99 0.00	124.60 -11.10 0.00	146.54 -12.90 0.00	133.80 -13.15 0.00	124.44 -11.14 0.00	133.26 -11.94 0.00	143.26 -13.78 0.00	147.60 -14.47 0.00	159.77 -16.85 0.00	221.25 -19.93 0.00	237.10 -20.04 0.00	214.79 -20.79 0.00	193.39 -20.21 0.00	195.74 -21.50 0.00	169.75 -21.02 0.00	161.18 -18.41 0.00	157.47 -14.57 0.00
NGRID_A2_DSASP 323793	67.85 -7.95 0.00	67.36 -8.16 0.00	50.99 -5.87 0.00	64.91 -6.68 0.00	78.87 -6.17 0.00	90.60 -5.59 0.00	103.81 -9.41 0.00	137.72 -12.99 0.00	124.60 -11.10 0.00	146.54 -12.90 0.00	133.80 -13.15 0.00	124.44 -11.14 0.00	133.26 -11.94 0.00	143.26 -13.78 0.00	147.60 -14.47 0.00	159.77 -16.85 0.00	221.25 -19.93 0.00	237.10 -20.04 0.00	214.79 -20.79 0.00	193.39 -20.21 0.00	195.74 -21.50 0.00	169.75 -21.02 0.00	161.18 -18.41 0.00	157.47 -14.57 0.00
NGRID_A4_DSASP 323807	67.85 -7.95 0.00	67.36 -8.16 0.00	50.99 -5.87 0.00	64.91 -6.68 0.00	78.87 -6.17 0.00	90.60 -5.59 0.00	103.81 -9.41 0.00	137.72 -12.99 0.00	124.60 -11.10 0.00	146.54 -12.90 0.00	133.80 -13.15 0.00	124.44 -11.14 0.00	133.26 -11.94 0.00	143.26 -13.78 0.00	147.60 -14.47 0.00	159.77 -16.85 0.00	221.25 -19.93 0.00	237.10 -20.04 0.00	214.79 -20.79 0.00	193.39 -20.21 0.00	195.74 -21.50 0.00	169.75 -21.02 0.00	161.18 -18.41 0.00	157.47 -14.57 0.00
NIAGARA_115E_LBMP 323715	67.62 -8.19 0.00	67.10 -8.42 0.00	50.67 -6.19 0.00	64.33 -7.27 0.00	78.25 -6.78 0.00	89.79 -6.40 0.00	102.90 -10.33 0.00	136.43 -14.29 0.00	123.37 -12.32 0.00	145.04 -14.40 0.00	132.44 -14.51 0.00	122.94 -12.65 0.00	131.62 -13.58 0.00	142.22 -14.82 0.00	146.71 -15.37 0.00	157.29 -17.54 1.80	212.29 -21.04 7.86	221.17 -21.43 14.54	213.95 -21.63 0.00	192.71 -20.89 0.00	194.89 -22.35 0.00	169.02 -21.75 0.00	160.75 -18.83 0.00	150.41 -14.75 6.87
NIAGARA_115W_LBMP 323714	67.79 -8.01 0.00	67.31 -8.21 0.00	50.93 -5.93 0.00	64.86 -6.75 0.00	78.80 -6.24 0.00	90.51 -5.68 0.00	103.71 -9.52 0.00	137.63 -13.08 0.00	124.49 -11.21 0.00	146.39 -13.05 0.00	133.63 -13.31 0.00	124.31 -11.28 0.00	133.08 -12.12 0.00	143.04 -14.00 0.00	147.34 -14.73 0.00	157.79 -17.02 1.81	213.33 -19.92 7.93	222.11 -20.36 14.67	214.39 -21.19 0.00	193.00 -20.60 0.00	195.28 -21.95 0.00	169.49 -21.28 0.00	161.01 -18.58 0.00	150.38 -14.72 6.93
NIAGARA_230_LBMP 323716	68.19 -7.61 0.00	67.72 -7.80 0.00	51.23 -5.63 0.00	65.15 -6.45 0.00	79.11 -5.92 0.00	90.87 -5.31 0.00	104.26 -8.97 0.00	138.37 -12.34 0.00	125.10 -10.60 0.00	147.16 -12.28 0.00	134.33 -12.62 0.00	124.88 -10.71 0.00	133.70 -11.50 0.00	144.25 -12.79 0.00	148.89 -13.18 0.00	159.61 -15.23 1.78	215.40 -17.99 7.79	224.41 -18.32 14.41	216.81 -18.76 0.00	195.35 -18.25 0.00	197.73 -19.51 0.00	171.64 -19.13 0.00	162.76 -16.82 0.00	151.46 -13.77 6.81
NIAGARA___115KV_198_GIBSON 55903	67.78 -8.02 0.00	67.29 -8.22 0.00	50.95 -5.92 0.00	64.85 -6.75 0.00	78.81 -6.23 0.00	90.50 -5.68 0.00	103.70 -9.53 0.00	137.54 -13.17 0.00	124.45 -11.25 0.00	146.38 -13.06 0.00	133.66 -13.29 0.00	124.29 -11.30 0.00	133.09 -12.11 0.00	143.05 -13.99 0.00	147.36 -14.72 0.00	159.48 -17.14 0.00	220.89 -20.30 0.00	236.70 -20.45 0.00	214.39 -21.19 0.00	193.03 -20.57 0.00	195.34 -21.90 0.00	169.48 -21.29 0.00	160.93 -18.65 0.00	157.28 -14.76 0.00
NIAGARA___ 23760	68.19 -7.61 0.00	67.72 -7.80 0.00	51.23 -5.63 0.00	65.15 -6.45 0.00	79.11 -5.92 0.00	90.87 -5.31 0.00	104.26 -8.97 0.00	138.37 -12.34 0.00	125.10 -10.60 0.00	147.16 -12.28 0.00	134.33 -12.62 0.00	124.88 -10.71 0.00	133.70 -11.50 0.00	144.25 -12.79 0.00	148.89 -13.18 0.00	159.60 -15.23 1.79	215.37 -17.99 7.82	224.36 -18.32 14.46	216.81 -18.76 0.00	195.35 -18.25 0.00	197.73 -19.51 0.00	171.64 -19.13 0.00	162.76 -16.82 0.00	151.43 -13.77 6.84
NINE_MILE_1 23575	72.31 -3.49 0.00	72.00 -3.52 0.00	54.28 -2.58 0.00	68.41 -3.19 0.00	81.38 -3.66 0.00	92.30 -3.88 0.00	108.67 -4.55 0.00	144.76 -5.95 0.00	130.50 -5.20 0.00	153.20 -6.25 0.00	140.93 -6.02 0.00	130.09 -5.50 0.00	139.23 -5.97 0.00	150.56 -6.48 0.00	155.42 -6.65 0.00	169.47 -7.15 0.00	231.92 -9.27 0.00	247.69 -9.45 0.00	226.77 -8.81 0.00	205.48 -8.12 0.00	208.93 -8.31 0.00	183.12 -7.65 0.00	172.20 -7.38 0.00	164.98 -7.06 0.00
NINE_MILE_2 23744	72.31 -3.49 0.00	72.02 -3.50 0.00	54.29 -2.57 0.00	68.42 -3.18 0.00	81.39 -3.64 0.00	92.31 -3.88 0.00	108.67 -4.55 0.00	144.76 -5.95 0.00	130.51 -5.19 0.00	153.21 -6.23 0.00	140.93 -6.02 0.00	130.09 -5.50 0.00	139.23 -5.97 0.00	150.56 -6.48 0.00	155.42 -6.65 0.00	169.47 -7.15 0.00	231.92 -9.27 0.00	247.71 -9.43 0.00	226.77 -8.81 0.00	205.50 -8.10 0.00	208.93 -8.31 0.00	183.13 -7.63 0.00	172.22 -7.37 0.00	164.99 -7.05 0.00
NM_CAPITAL___DRP 24208	78.23 2.43 0.00	78.10 2.59 0.00	58.85 1.99 0.00	74.10 2.50 0.00	87.66 2.63 0.00	98.84 2.66 0.00	116.39 3.16 0.00	154.66 3.94 0.00	138.82 3.12 0.00	163.38 3.94 0.00	150.60 3.65 0.00	139.08 3.49 0.00	148.62 3.42 0.00	160.61 3.57 0.00	165.07 3.00 0.00	179.61 3.00 0.00	244.36 3.17 0.00	259.98 2.84 0.00	238.33 2.75 0.00	216.56 2.96 0.00	220.73 3.50 0.00	195.85 4.14 -0.94	196.96 4.25 -13.11	176.39 3.96 -0.40
NM_CENTRAL___DRP 24181	73.54 -2.27 0.00	73.20 -2.31 0.00	55.21 -1.64 0.00	69.63 -1.97 0.00	82.89 -2.14 0.00	94.13 -2.05 0.00	110.92 -2.31 0.00	147.85 -2.86 0.00	133.37 -2.33 0.00	156.56 -2.88 0.00	143.97 -2.98 0.00	132.86 -2.72 0.00	142.13 -3.08 0.00	153.68 -3.36 0.00	158.67 -3.40 0.00	173.03 -3.59 0.00	237.09 -4.10 0.00	253.56 -3.58 0.00	232.03 -3.55 0.00	210.22 -3.38 0.00	213.67 -3.57 0.00	187.13 -3.64 0.00	175.76 -3.83 0.00	168.20 -3.84 0.00

NM_FRONTIER___DRP 24179	67.78 -8.02 0.00	67.29 -8.22 0.00	50.95 -5.92 0.00	64.85 -6.75 0.00	78.81 -6.23 0.00	90.50 -5.68 0.00	103.70 -9.53 0.00	137.54 -13.17 0.00	124.45 -11.25 0.00	146.38 -13.06 0.00	133.66 -13.29 0.00	124.29 -11.30 0.00	133.09 -12.11 0.00	143.05 -13.99 0.00	147.36 -14.72 0.00	159.48 -17.14 0.00	220.89 -20.30 0.00	236.70 -20.45 0.00	214.39 -21.19 0.00	193.03 -20.57 0.00	195.34 -21.90 0.00	169.48 -21.29 0.00	160.93 -18.65 0.00	157.28 -14.76 0.00
NM_ST_REGIS___HYD 24053	78.07 2.27 0.00	77.58 2.07 0.00	58.21 1.34 0.00	72.99 1.39 0.00	86.94 1.91 0.00	98.25 2.07 0.00	114.63 1.41 0.00	153.48 2.77 0.00	138.99 3.29 0.00	163.16 3.72 0.00	150.15 3.20 0.00	139.61 4.02 0.00	149.17 3.97 0.00	159.35 2.31 0.00	164.76 2.69 0.00	179.60 2.98 0.00	245.68 4.49 0.00	261.17 4.03 0.00	239.19 3.61 0.00	216.61 3.01 0.00	219.73 2.50 0.00	192.51 1.74 0.00	182.40 2.81 0.00	175.59 3.55 0.00
NORTHPORT___1 23551	107.54 3.60 -28.14	121.54 3.25 -42.77	106.97 2.67 -47.43	105.64 3.09 -30.94	119.28 2.76 -31.49	127.05 2.73 -28.13	124.55 3.62 -7.70	127.03 4.57 28.25	134.15 3.85 5.40	134.18 5.20 30.46	106.66 6.01 46.30	123.95 5.50 17.13	124.68 6.18 26.70	128.04 6.70 35.70	128.78 6.09 39.39	149.69 6.37 33.30	233.89 6.94 14.24	450.59 13.10 -180.35	281.77 12.88 -33.31	226.10 12.50 0.00	230.56 13.33 0.00	203.32 12.39 -0.17	191.05 9.20 -2.27	170.59 6.45 7.89
NORTHPORT___2 23552	107.54 3.60 -28.14	121.54 3.25 -42.77	106.97 2.67 -47.43	105.64 3.09 -30.94	119.28 2.76 -31.49	127.05 2.73 -28.13	124.55 3.62 -7.70	127.03 4.57 28.25	134.15 3.85 5.40	134.18 5.20 30.46	106.66 6.01 46.30	123.95 5.50 17.13	124.68 6.18 26.70	128.04 6.70 35.70	128.78 6.09 39.39	149.69 6.37 33.30	233.89 6.94 14.24	450.59 13.10 -180.35	281.77 12.88 -33.31	226.10 12.50 0.00	230.56 13.33 0.00	203.32 12.39 -0.17	191.05 9.20 -2.27	170.59 6.45 7.89
NORTHPORT___3 23553	107.66 3.57 -28.28	121.75 3.25 -42.99	107.20 2.67 -47.67	105.78 3.08 -31.10	119.44 2.76 -31.65	127.21 2.75 -28.27	133.98 3.60 -17.16	154.76 4.47 0.42	136.30 3.77 3.17	150.87 5.16 13.73	131.61 5.93 21.27	132.36 5.49 8.71	148.12 6.09 3.16	148.08 6.66 15.62	156.05 6.01 12.03	170.01 6.37 12.97	246.15 7.01 2.05	451.85 13.45 -181.26	282.44 13.37 -33.49	226.53 12.93 0.00	230.89 13.65 0.00	203.49 12.56 -0.17	191.22 9.36 -2.27	173.84 6.40 4.61
NORTHPORT___4 23650	107.66 3.57 -28.28	121.75 3.25 -42.99	107.20 2.67 -47.67	105.78 3.08 -31.10	119.44 2.76 -31.65	127.21 2.75 -28.27	133.98 3.60 -17.16	154.76 4.47 0.42	136.30 3.77 3.17	150.87 5.16 13.73	131.61 5.93 21.27	132.36 5.49 8.71	148.12 6.09 3.16	148.08 6.66 15.62	156.05 6.01 12.03	170.01 6.37 12.97	246.15 7.01 2.05	451.85 13.45 -181.26	282.44 13.37 -33.49	226.53 12.93 0.00	230.89 13.65 0.00	203.49 12.56 -0.17	191.22 9.36 -2.27	173.84 6.40 4.61
NORTHPORT___IC 23718	107.54 3.60 -28.14	121.53 3.25 -42.77	106.97 2.67 -47.43	105.64 3.09 -30.94	119.30 2.77 -31.49	127.03 2.72 -28.13	124.55 3.62 -7.70	127.06 4.60 28.25	134.17 3.87 5.40	134.18 5.20 30.46	106.67 6.02 46.30	123.94 5.48 17.13	124.64 6.15 26.70	128.04 6.70 35.70	128.79 6.10 39.39	149.71 6.39 33.30	233.90 6.95 14.24	450.54 13.04 -180.35	281.77 12.88 -33.31	226.10 12.50 0.00	230.55 13.31 0.00	203.30 12.37 -0.17	191.07 9.22 -2.27	170.57 6.42 7.89
NORTH___COUNTRY_ESR 323785	77.31 1.51 0.00	76.97 1.45 0.00	57.52 0.66 0.00	71.52 -0.08 0.00	85.37 0.33 0.00	95.93 -0.25 0.00	112.39 -0.83 0.00	150.85 0.14 0.00	136.98 1.28 0.00	161.21 1.77 0.00	148.69 1.74 0.00	137.48 1.89 0.00	147.91 2.71 0.00	159.93 2.89 0.00	165.28 3.20 0.00	180.02 3.39 0.00	246.14 4.96 0.00	260.95 3.81 0.00	238.44 2.87 0.00	215.58 1.98 0.00	218.49 1.26 0.00	191.63 0.86 0.00	181.10 1.51 0.00	173.98 1.94 0.00
NPX_GEN_1385_PROXY 323591	165.94 5.28 -84.85	156.32 4.92 -75.88	108.23 3.93 -47.43	107.00 4.45 -30.94	121.13 4.60 -31.49	128.29 3.97 -28.13	125.68 4.75 -7.70	129.14 6.68 28.25	136.94 6.64 5.40	159.66 8.77 8.55	108.20 7.55 46.30	125.19 6.73 17.13	126.59 8.09 26.70	131.00 9.66 35.70	132.37 9.68 39.39	153.70 10.38 33.30	238.44 11.49 14.24	454.88 17.39 -180.35	283.49 14.60 -33.31	227.71 14.11 0.00	232.63 15.39 0.00	205.72 14.78 -0.17	192.70 10.85 -2.27	173.90 9.75 7.89
NPX_GEN_CSC 323557	108.46 4.22 -28.43	122.56 3.83 -43.22	107.81 3.02 -47.93	106.39 3.53 -31.26	120.39 3.54 -31.82	128.76 4.15 -28.42	153.95 5.78 -34.95	210.25 7.36 -52.17	142.27 5.52 -1.05	185.23 7.85 -17.95	181.55 8.50 -26.11	150.40 7.58 -7.23	194.98 8.44 -41.34	188.64 9.20 -22.41	209.13 7.33 -39.72	209.13 7.02 -25.49	266.07 4.60 -20.29	449.99 10.61 -182.24	280.08 10.78 -33.72	224.41 10.81 0.00	231.29 14.06 0.00	206.90 15.96 -0.17	195.27 13.41 -2.27	183.71 10.08 -1.60
NSINS_S_GLNS_FALLS 23858	81.57 5.76 0.00	81.37 5.86 0.00	61.28 4.42 0.00	77.15 5.55 0.00	91.54 6.51 0.00	103.84 7.65 0.00	123.17 9.95 0.00	163.76 13.05 0.00	146.34 10.65 0.00	171.14 11.70 0.00	157.72 10.77 0.00	145.05 9.46 0.00	155.53 10.33 0.00	168.49 11.45 0.00	174.86 12.78 0.00	191.20 14.58 0.00	262.05 20.86 0.00	278.88 21.73 0.00	255.83 20.25 0.00	232.52 18.92 0.00	237.22 19.98 0.00	208.77 16.87 -1.13	211.07 15.85 -15.63	187.27 14.75 -0.48
NUCOR_STEEL___DRP 24197	74.20 -1.61 0.00	74.09 -1.42 0.00	55.84 -1.02 0.00	70.42 -1.18 0.00	83.77 -1.27 0.00	95.18 -1.01 0.00	112.62 -0.61 0.00	150.35 -0.37 0.00	135.87 0.16 0.00	159.25 -0.19 0.00	145.50 -1.45 0.00	134.00 -1.59 0.00	143.75 -1.45 0.00	155.40 -1.64 0.00	160.56 -1.51 0.00	175.35 -1.27 0.00	241.08 -0.11 0.00	258.44 1.30 0.00	235.59 0.02 0.00	213.19 -0.41 0.00	217.42 0.18 0.00	189.56 -1.21 0.00	177.77 -1.81 0.00	170.74 -1.30 0.00
NUMBER_THREE_WT_PWR 323818	78.28 2.47 0.00	75.30 -0.21 0.00	56.82 -0.04 0.00	72.09 0.49 0.00	86.14 1.11 0.00	99.29 3.10 0.00	118.91 5.68 0.00	159.27 8.56 0.00	144.01 8.32 0.00	168.75 9.31 0.00	155.16 8.21 0.00	143.57 7.98 0.00	152.85 7.65 0.00	164.10 7.07 0.00	169.67 7.59 0.00	185.34 8.71 0.00	252.96 11.78 0.00	270.47 13.33 0.00	248.38 12.80 0.00	226.64 13.04 0.00	229.49 12.25 0.00	200.28 9.51 0.00	189.13 9.54 0.00	181.20 9.17 0.00
NYISO_LBMP_REFERENCE 24008	75.81 0.00 0.00	75.51 0.00 0.00	56.86 0.00 0.00	71.60 0.00 0.00	85.03 0.00 0.00	96.18 0.00 0.00	113.23 0.00 0.00	150.71 0.00 0.00	135.70 0.00 0.00	159.44 0.00 0.00	146.95 0.00 0.00	135.59 0.00 0.00	145.20 0.00 0.00	157.04 0.00 0.00	162.07 0.00 0.00	176.62 0.00 0.00	241.19 0.00 0.00	257.14 0.00 0.00	235.58 0.00 0.00	213.60 0.00 0.00	217.24 0.00 0.00	190.77 0.00 0.00	179.59 0.00 0.00	172.04 0.00 0.00
NYPA_BRENTWD____GT 24164	109.29 4.13 -29.36	123.87 3.72 -44.63	109.38 3.02 -49.50	107.46 3.57 -32.29	121.30 3.40 -32.86	129.19 3.66 -29.35	153.85 5.28 -35.35	209.37 6.98 -51.68	142.26 5.65 -0.91	184.20 7.55 -17.20	180.23 8.31 -24.97	150.01 7.62 -6.80	194.55 8.53 -40.83	187.94 9.35 -21.54	209.74 8.81 -38.85	210.80 9.47 -24.71	273.38 11.60 -20.60	464.67 19.33 -188.20	289.31 18.73 -34.99	231.31 17.71 0.00	235.47 18.23 0.00	207.37 16.43 -0.17	194.86 13.01 -2.27	183.49 10.04 -1.42

NYPA_GOWANUS____GT5 24156	78.48 2.67 0.00	78.26 2.74 0.00	58.89 2.03 0.00	73.93 2.34 0.00	86.91 1.88 0.00	98.52 2.34 0.00	116.89 3.66 0.00	154.83 4.11 0.00	139.23 3.53 0.00	164.19 4.75 0.00	152.87 5.92 0.00	141.02 5.44 0.00	151.35 6.14 0.00	163.72 6.68 0.00	168.28 6.20 0.00	183.59 6.97 0.00	250.26 9.08 0.00	268.51 11.37 0.00	245.80 10.22 0.00	223.22 9.62 0.00	227.31 10.07 0.00	200.10 9.16 -0.16	188.76 6.91 -2.27	177.67 5.56 -0.07
NYPA_GOWANUS____GT6 24157	78.48 2.67 0.00	78.26 2.74 0.00	58.89 2.03 0.00	73.93 2.34 0.00	86.91 1.88 0.00	98.52 2.34 0.00	116.89 3.66 0.00	154.83 4.11 0.00	139.23 3.53 0.00	164.19 4.75 0.00	152.87 5.92 0.00	141.02 5.44 0.00	151.35 6.14 0.00	163.72 6.68 0.00	168.28 6.20 0.00	183.59 6.97 0.00	250.26 9.08 0.00	268.51 11.37 0.00	245.80 10.22 0.00	223.22 9.62 0.00	227.31 10.07 0.00	200.10 9.16 -0.16	188.76 6.91 -2.27	177.67 5.56 -0.07
NYPA_HARLEM__RVR__GT1 24160	78.11 2.30 0.00	77.75 2.24 0.00	58.52 1.66 0.00	73.47 1.87 0.00	86.37 1.34 0.00	97.88 1.71 0.01	101.51 3.04 14.75	151.77 3.06 2.01	138.51 2.82 0.02	163.48 4.04 0.01	152.68 5.73 0.00	141.12 5.53 0.00	151.49 6.29 0.00	164.23 7.19 0.00	168.64 6.56 0.00	184.04 7.42 0.00	250.69 9.50 0.00	269.16 12.01 0.00	246.47 10.90 0.00	223.76 10.16 0.00	227.67 10.43 0.00	200.52 9.59 -0.16	189.14 7.28 -2.27	178.26 6.15 -0.07
NYPA_HARLEM__RVR__GT2 24161	78.11 2.30 0.00	77.75 2.24 0.00	58.52 1.66 0.00	73.47 1.87 0.00	86.37 1.34 0.00	97.88 1.71 0.01	101.51 3.04 14.75	151.77 3.06 2.01	138.51 2.82 0.02	163.48 4.04 0.01	152.68 5.73 0.00	141.12 5.53 0.00	151.49 6.29 0.00	164.23 7.19 0.00	168.64 6.56 0.00	184.04 7.42 0.00	250.69 9.50 0.00	269.16 12.01 0.00	246.47 10.90 0.00	223.76 10.16 0.00	227.67 10.43 0.00	200.52 9.59 -0.16	189.14 7.28 -2.27	178.26 6.15 -0.07
NYPA_KENT____GT 24152	78.40 2.60 0.00	78.19 2.68 0.00	58.86 1.99 0.00	73.91 2.31 0.00	86.86 1.82 0.00	98.48 2.30 0.00	116.84 3.61 0.00	154.93 4.22 0.00	139.44 3.74 0.00	164.51 5.07 0.00	153.16 6.21 0.00	141.28 5.69 0.00	151.62 6.42 0.00	164.05 7.01 0.00	168.65 6.58 0.00	183.97 7.35 0.00	250.72 9.53 0.00	268.88 11.74 0.00	246.24 10.66 0.00	223.57 9.97 0.00	227.58 10.35 0.00	200.35 9.42 -0.16	189.04 7.18 -2.27	177.90 5.79 -0.07
NYPA_POUCH1____GT 24155	78.63 2.82 0.00	78.42 2.91 0.00	59.03 2.16 0.00	74.11 2.52 0.00	87.03 1.99 0.00	98.53 2.34 0.00	116.82 3.59 0.00	154.06 3.35 0.00	138.65 2.95 0.00	163.59 4.15 0.00	152.31 5.36 0.00	140.47 4.89 0.00	150.75 5.55 0.00	163.07 6.03 0.00	167.57 5.50 0.00	182.87 6.25 0.00	249.23 8.05 0.00	267.50 10.36 0.00	244.88 9.30 0.00	222.38 8.78 0.00	226.83 9.59 0.00	199.66 8.72 -0.16	188.46 6.61 -2.27	177.41 5.30 -0.07
NYPA_VERNON____GT2 24162	78.36 2.56 0.00	78.18 2.66 0.00	58.86 2.00 0.00	73.91 2.31 0.00	86.88 1.85 0.00	98.51 2.32 0.00	116.91 3.68 0.00	155.14 4.42 0.00	139.71 4.01 0.00	164.95 5.51 0.00	153.54 6.59 0.00	141.64 6.06 0.00	152.04 6.84 0.00	164.53 7.48 0.00	169.14 7.06 0.00	184.50 7.87 0.00	251.35 10.16 0.00	269.54 12.39 0.00	246.81 11.23 0.00	224.07 10.47 0.00	228.02 10.78 0.00	200.75 9.81 -0.16	189.45 7.60 -2.27	178.26 6.15 -0.07
NYPA_VERNON____GT3 24163	78.36 2.56 0.00	78.18 2.66 0.00	58.86 2.00 0.00	73.91 2.31 0.00	86.88 1.85 0.00	98.51 2.32 0.00	116.91 3.68 0.00	155.14 4.42 0.00	139.71 4.01 0.00	164.95 5.51 0.00	153.54 6.59 0.00	141.64 6.06 0.00	152.04 6.84 0.00	164.53 7.48 0.00	169.14 7.06 0.00	184.50 7.87 0.00	251.35 10.16 0.00	269.54 12.39 0.00	246.81 11.23 0.00	224.07 10.47 0.00	228.02 10.78 0.00	200.75 9.81 -0.16	189.45 7.60 -2.27	178.26 6.15 -0.07
NYPA____ASTORIA_CC1 323568	78.24 2.44 0.00	78.06 2.54 0.00	58.79 1.93 0.00	73.79 2.19 0.00	86.74 1.70 0.00	98.32 2.14 0.00	116.69 3.46 0.00	154.83 4.12 0.00	139.43 3.73 0.00	164.57 5.13 0.00	153.31 6.36 0.00	141.40 5.82 0.00	151.76 6.56 0.00	164.29 7.25 0.00	168.80 6.73 0.00	184.16 7.54 0.00	250.85 9.66 0.00	268.90 11.76 0.00	246.32 10.74 0.00	223.67 10.07 0.00	227.60 10.36 0.00	200.40 9.46 -0.16	189.09 7.24 -2.27	177.92 5.81 -0.07
NYPA____ASTORIA_CC2 323569	78.24 2.44 0.00	78.06 2.54 0.00	58.79 1.93 0.00	73.79 2.19 0.00	86.74 1.70 0.00	98.32 2.14 0.00	116.69 3.46 0.00	154.83 4.12 0.00	139.43 3.73 0.00	164.57 5.13 0.00	153.31 6.36 0.00	141.40 5.82 0.00	151.76 6.56 0.00	164.29 7.25 0.00	168.80 6.73 0.00	184.16 7.54 0.00	250.85 9.66 0.00	268.90 11.76 0.00	246.32 10.74 0.00	223.67 10.07 0.00	227.60 10.36 0.00	200.40 9.46 -0.16	189.09 7.24 -2.27	177.92 5.81 -0.07
NYPA____HOLTSVILL 23794	108.02 3.84 -28.37	122.11 3.47 -43.12	107.47 2.79 -47.82	106.04 3.23 -31.20	119.86 3.08 -31.75	127.98 3.43 -28.36	153.10 4.77 -35.10	209.52 6.06 -52.74	141.65 4.85 -1.10	184.44 6.68 -18.32	181.03 7.42 -26.67	149.73 6.72 -7.43	194.48 7.46 -41.83	187.89 8.00 -22.85	209.29 6.91 -40.31	209.49 6.94 -25.93	268.15 6.42 -20.54	451.19 12.21 -181.84	281.76 12.55 -33.64	225.89 12.29 0.00	231.02 13.78 0.00	204.56 13.62 -0.17	192.51 10.66 -2.27	181.52 7.81 -1.67
NYPA____HELLGATE_GT1 24158	78.11 2.30 0.00	77.75 2.24 0.00	58.52 1.66 0.00	73.47 1.87 0.00	86.38 1.34 0.00	97.89 1.71 0.00	108.98 3.04 7.29	153.68 3.06 0.10	138.52 2.82 0.00	163.48 4.04 0.00	152.68 5.73 0.00	141.12 5.53 0.00	151.49 6.29 0.00	164.23 7.19 0.00	168.64 6.56 0.00	184.04 7.42 0.00	250.69 9.50 0.00	269.16 12.01 0.00	246.47 10.90 0.00	223.76 10.16 0.00	227.67 10.43 0.00	200.52 9.59 -0.16	189.14 7.28 -2.27	178.26 6.15 -0.07
NYPA____HELLGATE_GT2 24159	78.11 2.30 0.00	77.75 2.24 0.00	58.52 1.66 0.00	73.47 1.87 0.00	86.38 1.34 0.00	97.89 1.71 0.00	108.98 3.04 7.29	153.68 3.06 0.10	138.52 2.82 0.00	163.48 4.04 0.00	152.68 5.73 0.00	141.12 5.53 0.00	151.49 6.29 0.00	164.23 7.19 0.00	168.64 6.56 0.00	184.04 7.42 0.00	250.69 9.50 0.00	269.16 12.01 0.00	246.47 10.90 0.00	223.76 10.16 0.00	227.67 10.43 0.00	200.52 9.59 -0.16	189.14 7.28 -2.27	178.26 6.15 -0.07
NYS_BARGE____HYD 23848	68.24 -7.56 0.00	67.75 -7.76 0.00	51.19 -5.67 0.00	65.03 -6.57 0.00	79.03 -6.00 0.00	90.78 -5.40 0.00	104.11 -9.11 0.00	138.27 -12.45 0.00	125.05 -10.65 0.00	146.94 -12.50 0.00	134.12 -12.83 0.00	124.45 -11.13 0.00	133.21 -11.99 0.00	143.90 -13.13 0.00	148.44 -13.64 0.00	159.33 -15.62 1.67	215.86 -18.01 7.31	225.54 -18.08 13.52	217.01 -18.56 0.00	195.56 -18.04 0.00	197.82 -19.42 0.00	171.50 -19.27 0.00	162.73 -16.86 0.00	152.40 -13.25 6.39
OAK ORCHARD____HYD 24046	71.85 -3.96 0.00	71.42 -4.10 0.00	53.97 -2.89 0.00	68.40 -3.20 0.00	82.36 -2.68 0.00	94.27 -1.91 0.00	109.75 -3.47 0.00	146.00 -4.72 0.00	131.86 -3.84 0.00	154.77 -4.67 0.00	141.35 -5.60 0.00	130.83 -4.75 0.00	140.07 -5.13 0.00	151.27 -5.77 0.00	156.23 -5.84 0.00	169.18 -6.54 0.90	230.94 -6.29 3.96	244.09 -5.73 7.33	229.11 -6.47 0.00	206.81 -6.79 0.00	209.51 -7.72 0.00	182.37 -8.40 0.00	171.79 -7.80 0.00	161.85 -6.72 3.46

OAKDALE___35_KV_LOAD 356122	73.78 -2.03 0.00	73.58 -1.94 0.00	55.44 -1.43 0.00	69.94 -1.66 0.00	83.32 -1.71 0.00	94.84 -1.35 0.00	111.80 -1.43 0.00	149.08 -1.64 0.00	134.31 -1.39 0.00	157.41 -2.03 0.00	145.06 -1.89 0.00	134.06 -1.53 0.00	143.13 -2.07 0.00	154.84 -2.20 0.00	160.11 -1.96 0.00	174.65 -1.97 0.00	239.34 -1.85 0.00	256.29 -0.85 0.00	234.72 -0.86 0.00	212.71 -0.89 0.00	216.44 -0.80 0.00	189.52 -1.25 0.00	177.86 -1.72 0.00	170.25 -1.78 0.00
OCC_CHEM___DRP 24175	67.85 -7.95 0.00	67.36 -8.16 0.00	50.99 -5.87 0.00	64.91 -6.68 0.00	78.87 -6.17 0.00	90.60 -5.59 0.00	103.81 -9.41 0.00	137.72 -12.99 0.00	124.60 -11.10 0.00	146.54 -12.90 0.00	133.80 -13.15 0.00	124.44 -11.14 0.00	133.26 -11.94 0.00	143.26 -13.78 0.00	147.60 -14.47 0.00	159.77 -16.85 0.00	221.25 -19.93 0.00	237.10 -20.04 0.00	214.79 -20.79 0.00	193.39 -20.21 0.00	195.74 -21.50 0.00	169.75 -21.02 0.00	161.18 -18.41 0.00	157.47 -14.57 0.00
OH_GEN_PROXY 24063	68.25 -7.55 0.00	67.80 -7.72 0.00	51.29 -5.57 0.00	65.24 -6.36 0.00	79.16 -5.88 0.00	111.21 -5.22 -20.24	104.56 -8.67 0.00	138.75 -11.96 0.00	125.44 -10.26 0.00	147.54 -11.90 0.00	134.74 -12.21 0.00	125.24 -10.35 0.00	134.09 -11.11 0.00	144.65 -12.39 0.00	149.34 -12.73 0.00	160.09 -14.69 1.84	215.91 -17.20 8.07	224.64 -17.57 14.93	217.60 -17.98 0.00	196.06 -17.54 0.00	198.47 -18.77 0.00	172.31 -18.46 0.00	163.24 -16.35 0.00	151.40 -13.58 7.05
OLIN_CORP_DRP 24177	67.74 -8.06 0.00	67.24 -8.27 0.00	50.78 -6.08 0.00	64.51 -7.09 0.00	78.43 -6.60 0.00	90.03 -6.16 0.00	103.17 -10.06 0.00	136.78 -13.93 0.00	123.71 -11.99 0.00	145.50 -13.94 0.00	132.87 -14.08 0.00	123.32 -12.26 0.00	132.05 -13.15 0.00	142.62 -14.42 0.00	147.19 -14.88 0.00	159.41 -17.21 0.00	220.47 -20.72 0.00	236.35 -20.79 0.00	214.62 -20.96 0.00	193.28 -20.32 0.00	195.58 -21.66 0.00	169.56 -21.21 0.00	161.10 -18.49 0.00	157.55 -14.48 0.00
OLIN_CORP_DSASP 323712	67.85 -7.95 0.00	67.36 -8.16 0.00	50.99 -5.87 0.00	64.91 -6.68 0.00	78.87 -6.17 0.00	90.60 -5.59 0.00	103.81 -9.41 0.00	137.72 -12.99 0.00	124.60 -11.10 0.00	146.54 -12.90 0.00	133.80 -13.15 0.00	124.44 -11.14 0.00	133.26 -11.94 0.00	143.26 -13.78 0.00	147.60 -14.47 0.00	159.77 -16.85 0.00	221.25 -19.93 0.00	237.10 -20.04 0.00	214.79 -20.79 0.00	193.39 -20.21 0.00	195.74 -21.50 0.00	169.75 -21.02 0.00	161.18 -18.41 0.00	157.47 -14.57 0.00
ONEIDA_HERK_LFGE 323681	78.90 3.09 0.00	77.12 1.60 0.00	58.16 1.30 0.00	73.57 1.97 0.00	87.75 2.72 0.00	100.50 4.31 0.00	119.63 6.40 0.00	159.93 9.22 0.00	144.35 8.65 0.00	169.28 9.84 0.00	155.79 8.84 0.00	143.85 8.27 0.00	153.39 8.19 0.00	165.26 8.22 0.00	170.88 8.80 0.00	186.58 9.96 0.00	255.28 14.10 0.00	273.04 15.90 0.00	250.64 15.06 0.00	228.02 14.42 0.00	231.15 13.91 0.00	202.14 11.37 0.00	190.29 10.70 0.00	181.94 9.90 0.00
ONEIDA___115KV_TB4 55905	75.66 -0.15 0.00	75.41 -0.10 0.00	56.81 -0.05 0.00	71.63 0.03 0.00	85.33 0.29 0.00	96.95 0.77 0.00	114.56 1.34 0.00	152.84 2.13 0.00	137.61 1.91 0.00	161.04 1.60 0.00	147.79 0.84 0.00	135.98 0.40 0.00	145.42 0.22 0.00	157.20 0.16 0.00	162.43 0.35 0.00	177.45 0.83 0.00	243.66 2.48 0.00	260.25 3.11 0.00	238.31 2.74 0.00	216.02 2.43 0.00	219.56 2.32 0.00	192.52 1.75 0.00	180.69 1.11 0.00	172.88 0.84 0.00
ONONDAGA_REF_OCCRA 23987	74.02 -1.79 0.00	73.68 -1.84 0.00	55.66 -1.20 0.00	70.21 -1.39 0.00	83.61 -1.43 0.00	94.94 -1.24 0.00	111.89 -1.34 0.00	149.20 -1.52 0.00	134.76 -0.94 0.00	158.06 -1.38 0.00	145.29 -1.66 0.00	134.05 -1.54 0.00	143.30 -1.90 0.00	154.98 -2.05 0.00	160.06 -2.01 0.00	174.70 -1.92 0.00	239.50 -1.69 0.00	256.31 -0.82 0.00	234.58 -1.00 0.00	212.57 -1.03 0.00	216.06 -1.18 0.00	189.16 -1.62 0.00	177.19 -2.39 0.00	169.50 -2.54 0.00
ONONDAGA___COGEN 23986	73.91 -1.89 0.00	73.61 -1.91 0.00	55.52 -1.34 0.00	69.96 -1.64 0.00	83.19 -1.85 0.00	94.42 -1.77 0.00	111.02 -2.21 0.00	148.00 -2.72 0.00	134.32 -1.37 0.00	157.55 -1.89 0.00	144.74 -2.21 0.00	133.48 -2.11 0.00	142.77 -2.43 0.00	154.37 -2.67 0.00	159.43 -2.65 0.00	173.95 -2.67 0.00	238.47 -2.72 0.00	255.34 -1.80 0.00	233.62 -1.96 0.00	211.68 -1.92 0.00	215.12 -2.12 0.00	188.26 -2.51 0.00	176.65 -2.93 0.00	169.15 -2.89 0.00
ONTARIO___LFGE 23819	73.32 -2.48 0.00	72.97 -2.54 0.00	55.06 -1.80 0.00	69.60 -2.00 0.00	83.36 -1.68 0.00	95.15 -1.04 0.00	111.72 -1.50 0.00	149.06 -1.66 0.00	134.51 -1.19 0.00	157.70 -1.74 0.00	144.40 -2.55 0.00	133.34 -2.25 0.00	142.58 -2.61 0.00	154.15 -2.89 0.00	159.32 -2.76 0.00	173.28 -2.81 0.53	237.16 -1.72 2.31	252.35 -0.53 4.27	234.16 -1.42 0.00	211.61 -1.99 0.00	214.73 -2.51 0.00	187.21 -3.55 0.00	175.85 -3.74 0.00	166.72 -3.30 2.01
ORANGEVILLE_WT_PWR 323706	68.68 -7.12 0.00	68.32 -7.20 0.00	51.60 -5.26 0.00	65.53 -6.07 0.00	79.62 -5.42 0.00	92.31 -3.88 0.00	107.71 -5.51 0.00	147.81 -2.91 0.00	132.89 -2.81 0.00	155.06 -4.38 0.00	140.85 -6.10 0.00	130.48 -5.11 0.00	139.23 -5.97 0.00	151.36 -5.68 0.00	157.88 -4.20 0.00	175.34 -2.85 -1.56	248.52 0.51 -6.83	272.57 2.80 -12.62	238.46 2.88 0.00	216.07 2.47 0.00	219.81 2.57 0.00	191.67 0.91 0.00	178.67 -0.92 0.00	176.71 -1.30 -5.96
ORANGEVILLE___ESR 323794	68.68 -7.12 0.00	68.32 -7.20 0.00	51.60 -5.26 0.00	65.53 -6.07 0.00	79.62 -5.42 0.00	92.31 -3.88 0.00	107.71 -5.51 0.00	147.81 -2.91 0.00	132.89 -2.81 0.00	155.06 -4.38 0.00	140.85 -6.10 0.00	130.48 -5.11 0.00	139.23 -5.97 0.00	151.36 -5.68 0.00	157.88 -4.20 0.00	175.34 -2.85 -1.56	248.52 0.51 -6.83	272.57 2.80 -12.62	238.46 2.88 0.00	216.07 2.47 0.00	219.81 2.57 0.00	191.67 0.91 0.00	178.67 -0.92 0.00	176.71 -1.30 -5.96
OSWEGATCHIE___HYD 24044	77.55 1.74 0.00	75.91 0.39 0.00	57.14 0.28 0.00	72.19 0.59 0.00	86.07 1.04 0.00	98.27 2.08 0.00	116.03 2.81 0.00	155.13 4.42 0.00	140.30 4.60 0.00	164.48 5.04 0.00	151.24 4.29 0.00	140.41 4.82 0.00	149.65 4.45 0.00	160.07 3.03 0.00	165.41 3.34 0.00	180.46 3.84 0.00	246.41 5.22 0.00	262.81 5.67 0.00	241.12 5.54 0.00	219.28 5.67 0.00	222.34 5.11 0.00	194.37 3.60 0.00	184.05 4.46 0.00	176.73 4.69 0.00
OSWEGO___5 23606	72.83 -2.97 0.00	72.51 -3.01 0.00	54.67 -2.20 0.00	68.92 -2.69 0.00	82.01 -3.03 0.00	93.02 -3.17 0.00	109.52 -3.70 0.00	145.93 -4.78 0.00	131.59 -4.11 0.00	154.47 -4.98 0.00	142.08 -4.87 0.00	131.15 -4.44 0.00	140.30 -4.90 0.00	151.74 -5.30 0.00	156.66 -5.42 0.00	170.83 -5.79 0.00	233.87 -7.32 0.00	249.87 -7.27 0.00	228.69 -6.89 0.00	207.25 -6.35 0.00	210.72 -6.51 0.00	184.63 -6.13 0.00	173.62 -5.97 0.00	166.34 -5.70 0.00
OSWEGO___6 23613	72.83 -2.97 0.00	72.51 -3.01 0.00	54.67 -2.20 0.00	68.92 -2.69 0.00	82.01 -3.03 0.00	93.02 -3.17 0.00	109.52 -3.70 0.00	145.93 -4.78 0.00	131.59 -4.11 0.00	154.47 -4.98 0.00	142.08 -4.87 0.00	131.15 -4.44 0.00	140.30 -4.90 0.00	151.74 -5.30 0.00	156.66 -5.42 0.00	170.83 -5.79 0.00	233.87 -7.32 0.00	249.87 -7.27 0.00	228.69 -6.89 0.00	207.25 -6.35 0.00	210.72 -6.51 0.00	184.63 -6.13 0.00	173.62 -5.97 0.00	166.34 -5.70 0.00

OUTOKUMPU-AB___DRP 24206	68.62 -7.18 0.00	68.17 -7.34 0.00	51.55 -5.31 0.00	65.54 -6.06 0.00	79.64 -5.39 0.00	91.69 -4.49 0.00	105.40 -7.83 0.00	139.97 -10.74 0.00	126.70 -9.00 0.00	148.90 -10.54 0.00	136.12 -10.83 0.00	126.50 -9.09 0.00	135.36 -9.84 0.00	145.90 -11.15 0.00	150.53 -11.54 0.00	163.11 -13.51 0.00	225.65 -15.54 0.00	242.14 -15.00 0.00	219.68 -15.90 0.00	197.88 -15.72 0.00	200.35 -16.88 0.00	173.58 -17.18 0.00	164.54 -15.04 0.00	160.30 -11.74 0.00
OXBOW___BTM 323836	67.93 -7.87 0.00	67.44 -8.07 0.00	51.03 -5.84 0.00	64.93 -6.67 0.00	78.88 -6.15 0.00	90.75 -5.43 0.00	104.14 -9.08 0.00	138.31 -12.41 0.00	125.20 -10.50 0.00	147.16 -12.28 0.00	134.41 -12.53 0.00	124.99 -10.60 0.00	133.78 -11.42 0.00	143.98 -13.06 0.00	148.49 -13.58 0.00	159.06 -15.72 1.84	214.82 -18.32 8.04	223.82 -18.44 14.88	216.32 -19.26 0.00	194.82 -18.78 0.00	197.15 -20.08 0.00	170.91 -19.85 0.00	162.27 -17.32 0.00	151.17 -13.84 7.03
OXBOW___ 24026	67.93 -7.88 0.00	67.44 -8.08 0.00	51.03 -5.84 0.00	64.92 -6.68 0.00	78.90 -6.13 0.00	90.75 -5.43 0.00	104.12 -9.11 0.00	138.23 -12.49 0.00	125.16 -10.54 0.00	147.15 -12.29 0.00	134.42 -12.53 0.00	125.00 -10.59 0.00	133.78 -11.42 0.00	143.98 -13.06 0.00	148.49 -13.58 0.00	160.77 -15.85 0.00	222.54 -18.65 0.00	238.61 -18.53 0.00	216.32 -19.26 0.00	194.80 -18.80 0.00	197.22 -20.02 0.00	170.90 -19.87 0.00	162.21 -17.38 0.00	158.19 -13.85 0.00
OXY_CHEM_DSASP 323612	67.85 -7.95 0.00	67.36 -8.16 0.00	50.99 -5.87 0.00	64.91 -6.68 0.00	78.87 -6.17 0.00	90.60 -5.59 0.00	103.81 -9.41 0.00	137.72 -12.99 0.00	124.60 -11.10 0.00	146.54 -12.90 0.00	133.80 -13.15 0.00	124.44 -11.14 0.00	133.26 -11.94 0.00	143.26 -13.78 0.00	147.60 -14.47 0.00	159.77 -16.85 0.00	221.25 -19.93 0.00	237.10 -20.04 0.00	214.79 -20.79 0.00	193.39 -20.21 0.00	195.74 -21.50 0.00	169.75 -21.02 0.00	161.18 -18.41 0.00	157.47 -14.57 0.00
OZONE_PARK_ESR 323760	78.95 3.15 0.00	78.71 3.20 0.00	59.24 2.37 0.00	74.39 2.79 0.00	87.62 2.58 0.00	99.41 3.23 0.00	117.91 4.69 0.00	156.95 6.23 0.00	141.37 5.67 0.00	166.91 7.47 0.00	155.17 8.22 0.00	143.20 7.61 0.00	153.63 8.43 0.00	166.33 9.29 0.00	171.22 9.14 0.00	186.73 10.11 0.00	254.72 13.53 0.00	273.12 15.98 0.00	250.09 14.52 0.00	227.10 13.50 0.00	231.06 13.82 0.00	203.34 12.40 -0.16	191.82 9.96 -2.27	180.33 8.22 -0.07
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	67.85 -7.95 0.00	67.36 -8.16 0.00	50.99 -5.87 0.00	64.91 -6.68 0.00	78.87 -6.17 0.00	90.60 -5.59 0.00	103.81 -9.41 0.00	137.72 -12.99 0.00	124.60 -11.10 0.00	146.54 -12.90 0.00	133.80 -13.15 0.00	124.44 -11.14 0.00	133.26 -11.94 0.00	143.26 -13.78 0.00	147.60 -14.47 0.00	159.77 -16.85 0.00	221.25 -19.93 0.00	237.10 -20.04 0.00	214.79 -20.79 0.00	193.39 -20.21 0.00	195.74 -21.50 0.00	169.75 -21.02 0.00	161.18 -18.41 0.00	157.47 -14.57 0.00
PACKARD__115KV_DUPONT_184 80571	67.84 -7.96 0.00	67.34 -8.17 0.00	50.99 -5.87 0.00	64.91 -6.69 0.00	78.87 -6.16 0.00	90.61 -5.57 0.00	103.82 -9.40 0.00	137.82 -12.89 0.00	124.64 -11.06 0.00	146.55 -12.90 0.00	133.80 -13.14 0.00	124.46 -11.13 0.00	133.23 -11.97 0.00	143.28 -13.76 0.00	147.58 -14.49 0.00	158.08 -16.73 1.82	213.66 -19.58 7.95	222.44 -19.99 14.70	214.79 -20.79 0.00	193.39 -20.21 0.00	195.66 -21.57 0.00	169.76 -21.00 0.00	161.24 -18.35 0.00	150.54 -14.55 6.94
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	78.25 2.45 0.00	77.94 2.43 0.00	58.67 1.81 0.00	73.65 2.05 0.00	86.61 1.57 0.00	98.20 2.01 0.00	116.68 3.45 0.00	154.41 3.70 0.00	139.07 3.37 0.00	164.15 4.70 0.00	152.93 5.98 0.00	141.15 5.56 0.00	151.48 6.28 0.00	164.14 7.10 0.00	168.60 6.52 0.00	183.97 7.35 0.00	250.71 9.52 0.00	269.02 11.88 0.00	246.34 10.77 0.00	223.68 10.08 0.00	227.60 10.36 0.00	200.33 9.40 -0.16	189.05 7.19 -2.27	178.06 5.96 -0.07
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	79.71 3.90 0.00	79.31 3.80 0.00	59.79 2.93 0.00	75.02 3.42 0.00	88.40 3.37 0.00	100.31 4.12 0.00	119.18 5.96 0.00	157.83 7.11 0.00	141.96 6.26 0.00	167.42 7.98 0.00	155.93 8.98 0.00	143.92 8.34 0.00	154.53 9.33 0.00	167.41 10.37 0.00	171.96 9.89 0.00	187.77 11.15 0.00	256.13 14.95 0.00	274.76 17.62 0.00	251.53 15.95 0.00	228.18 14.58 0.00	232.16 14.92 0.00	204.20 13.27 -0.16	192.61 10.75 -2.27	181.59 9.48 -0.07
PATROON__115KV_TB1 80586	78.53 2.73 0.00	78.41 2.89 0.00	59.08 2.22 0.00	74.39 2.79 0.00	88.01 2.98 0.00	99.19 3.00 0.00	116.83 3.60 0.00	155.29 4.57 0.00	139.36 3.66 0.00	163.98 4.54 0.00	151.16 4.21 0.00	139.57 3.99 0.00	149.19 3.99 0.00	161.14 4.10 0.00	165.49 3.42 0.00	180.00 3.38 0.00	244.90 3.71 0.00	260.64 3.50 0.00	238.87 3.29 0.00	217.02 3.42 0.00	221.17 3.93 0.00	195.10 4.44 0.11	182.51 4.40 1.48	176.08 4.09 0.05
PATTRSNVILLE___SOLAR 323815	78.00 2.20 0.00	77.77 2.25 0.00	58.56 1.70 0.00	73.77 2.17 0.00	87.50 2.46 0.00	99.11 2.93 0.00	117.19 3.97 0.00	156.00 5.28 0.00	139.40 3.71 0.00	162.51 3.07 0.00	149.69 2.75 0.00	138.14 2.55 0.00	147.93 2.73 0.00	160.01 2.97 0.00	165.39 3.31 0.00	181.81 5.19 0.00	249.93 8.75 0.00	266.91 9.77 0.00	244.41 8.83 0.00	221.54 7.95 0.00	225.32 8.08 0.00	198.49 7.08 -0.65	195.16 6.60 -8.97	178.49 6.18 -0.28
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	69.97 -5.84 0.00	69.58 -5.93 0.00	52.61 -4.25 0.00	66.80 -4.80 0.00	81.00 -4.04 0.00	93.29 -2.90 0.00	107.86 -5.37 0.00	143.48 -7.23 0.00	129.60 -6.10 0.00	152.54 -6.90 0.00	139.71 -7.24 0.00	129.80 -5.79 0.00	138.77 -6.43 0.00	149.82 -7.22 0.00	154.80 -7.28 0.00	168.06 -8.56 0.00	232.57 -8.62 0.00	249.26 -7.88 0.00	226.36 -9.21 0.00	204.30 -9.30 0.00	207.11 -10.13 0.00	179.69 -11.08 0.00	169.47 -10.12 0.00	164.29 -7.75 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	78.98 3.18 0.00	78.79 3.28 0.00	59.33 2.47 0.00	74.62 3.02 0.00	88.04 3.01 0.00	99.81 3.63 0.00	118.30 5.07 0.00	157.53 6.81 0.00	141.62 5.92 0.00	166.79 7.35 0.00	154.72 7.77 0.00	142.72 7.14 0.00	152.97 7.77 0.00	165.65 8.61 0.00	170.85 8.78 0.00	186.41 9.79 0.00	254.59 13.41 0.00	272.95 15.81 0.00	250.04 14.46 0.00	227.05 13.45 0.00	231.01 13.77 0.00	203.24 12.32 -0.15	191.84 10.22 -2.03	180.83 8.73 -0.06
PEEKSKILL___ 23653	77.87 2.07 0.00	77.65 2.13 0.00	58.46 1.60 0.00	73.47 1.87 0.00	86.60 1.57 0.00	98.20 2.01 0.00	116.36 3.14 0.00	154.72 4.00 0.00	139.23 3.53 0.00	164.18 4.73 0.00	152.42 5.47 0.00	140.60 5.01 0.00	150.74 5.54 0.00	163.23 6.19 0.00	168.12 6.05 0.00	183.29 6.67 0.00	249.74 8.55 0.00	267.72 10.58 0.00	245.25 9.67 0.00	222.72 9.12 0.00	226.79 9.55 0.00	199.71 8.78 -0.16	188.71 6.91 -2.21	177.76 5.65 -0.07
PGE MADISON___WINDPWR 24146	78.67 2.86 0.00	77.36 1.85 0.00	57.26 0.40 0.00	71.96 0.36 0.00	86.19 1.16 0.00	98.87 2.69 0.00	119.35 6.12 0.00	164.01 13.30 0.00	157.61 21.91 0.00	183.17 23.73 0.00	158.72 11.77 0.00	146.28 10.69 0.00	155.88 10.68 0.00	167.74 10.70 0.00	174.06 11.98 0.00	191.99 15.37 0.00	266.18 24.99 0.00	287.76 30.62 0.00	263.38 27.81 0.00	237.98 24.38 0.00	241.48 24.24 0.00	211.29 20.52 0.00	197.41 17.82 0.00	187.15 15.11 0.00

PIERCEFIELD___HYD 23852	77.68 1.87 0.00	77.16 1.64 0.00	57.96 1.09 0.00	72.85 1.25 0.00	86.69 1.65 0.00	98.08 1.89 0.00	114.30 1.07 0.00	152.67 1.96 0.00	137.99 2.29 0.00	161.87 2.43 0.00	148.94 1.99 0.00	138.64 3.06 0.00	147.90 2.70 0.00	157.63 0.58 0.00	162.97 0.89 0.00	177.60 0.98 0.00	242.81 1.62 0.00	258.19 1.05 0.00	236.51 0.94 0.00	214.35 0.75 0.00	217.51 0.27 0.00	190.62 -0.15 0.00	180.77 1.19 0.00	174.15 2.11 0.00
PINELAWN_CC_1 323563	111.84 3.84 -32.19	127.98 3.53 -48.94	113.93 2.80 -54.27	110.28 3.28 -35.40	124.14 3.08 -36.03	131.86 3.49 -32.18	153.32 4.73 -35.36	203.51 6.24 -46.55	141.17 5.29 -0.18	179.21 7.01 -12.76	172.79 7.59 -18.25	146.90 6.93 -4.39	189.18 7.77 -36.21	181.83 8.48 -16.30	202.83 8.11 -32.64	205.18 8.87 -19.69	270.44 11.05 -18.20	479.61 16.65 -205.82	290.71 16.41 -38.72	229.20 15.60 0.00	233.54 16.30 0.00	205.80 14.87 -0.17	193.39 11.54 -2.27	181.07 8.64 -0.40
PJM_GEN_HTTP_PROXY 323702	78.21 2.41 0.00	78.00 2.48 0.00	58.72 1.86 0.00	73.78 2.18 0.00	86.87 1.83 0.00	98.49 2.30 0.00	116.75 3.53 0.00	155.26 4.55 0.00	139.82 4.12 0.00	165.04 5.60 0.00	153.42 6.47 0.00	141.61 6.02 0.00	151.91 6.70 0.00	164.58 7.41 -0.13	169.27 7.20 0.00	184.53 7.90 0.00	251.44 10.26 0.00	269.62 12.47 0.00	246.93 11.35 0.00	224.14 10.54 0.00	228.09 10.85 0.00	200.84 9.91 -0.16	189.59 7.74 -2.27	178.38 6.27 -0.07
PJM_GEN_KEystone 24065	56.12 -2.43 17.25	39.66 -2.36 33.50	45.54 -1.71 9.61	49.15 -2.05 20.39	82.74 -2.29 0.00	94.49 -1.69 0.00	111.04 -2.19 0.00	147.48 -3.23 0.00	127.23 -2.98 5.48	156.54 -2.90 0.00	143.00 -2.38 1.57	133.85 -1.74 0.00	143.13 -2.07 0.00	148.14 -2.20 6.69	152.63 -2.34 7.10	140.32 -2.64 33.66	206.71 -2.93 31.55	0.93 -2.17 254.05	143.65 -2.56 89.38	135.90 -2.33 75.37	179.90 -2.18 35.16	116.65 -2.27 71.86	104.49 -2.88 72.22	110.15 -2.92 58.96
PJM_GEN_NEPTUNE_PROXY 323594	105.36 3.04 -26.51	118.67 2.86 -40.30	103.83 2.27 -44.69	103.38 2.63 -29.16	117.01 2.30 -29.67	125.25 2.56 -26.50	145.31 3.58 -28.50	191.79 4.57 -36.50	139.64 3.95 0.00	174.16 5.31 -9.40	166.39 6.07 -13.38	144.28 5.65 -3.05	179.68 6.21 -28.27	176.08 6.81 -12.23	193.62 6.47 -25.07	198.51 7.02 -14.87	263.59 8.19 -14.21	439.67 12.40 -170.13	278.98 12.32 -31.08	225.58 11.98 0.00	229.82 12.58 0.00	202.59 11.66 -0.17	190.59 8.74 -2.27	178.42 6.32 -0.07
PJM_GEN_VFT_PROXY 323633	77.76 1.95 0.00	77.54 2.03 0.00	58.38 1.52 0.00	73.33 1.72 0.00	86.31 1.28 0.00	97.87 1.69 0.00	116.02 2.80 0.00	154.38 3.67 0.00	139.00 3.30 0.00	164.15 4.71 0.00	152.53 5.58 0.00	140.77 5.18 0.00	151.02 5.82 0.00	163.57 6.40 -0.13	168.24 6.17 0.00	183.52 6.90 0.00	250.09 8.90 0.00	268.07 10.93 0.00	245.40 9.82 0.00	222.86 9.26 0.00	226.77 9.53 0.00	199.65 8.72 -0.16	188.43 6.58 -2.27	177.25 5.14 -0.07
PLATSBURG_115KV_PMLD1 355749	77.83 2.02 0.00	77.68 2.17 0.00	58.07 1.21 0.00	72.15 0.55 0.00	85.96 0.92 0.00	96.50 0.32 0.00	112.75 -0.48 0.00	151.42 0.71 0.00	137.63 1.93 0.00	162.05 2.61 0.00	149.62 2.67 0.00	138.21 2.62 0.00	148.84 3.64 0.00	161.30 4.27 0.00	166.83 4.76 0.00	181.36 4.74 0.00	248.04 6.85 0.00	262.70 5.56 0.00	240.27 4.70 0.00	217.56 3.96 0.00	219.88 2.65 0.00	192.58 1.81 0.00	182.31 2.72 0.00	174.95 2.91 0.00
PLEASANTVLY___LBMP 24000	77.91 2.11 0.00	77.75 2.24 0.00	58.55 1.69 0.00	73.61 2.01 0.00	86.79 1.76 0.00	98.27 2.09 0.00	116.35 3.12 0.00	154.72 4.01 0.00	139.17 3.47 0.00	163.97 4.53 0.00	152.10 5.15 0.00	140.33 4.74 0.00	150.34 5.14 0.00	162.75 5.72 0.00	167.73 5.66 0.00	182.79 6.17 0.00	249.03 7.85 0.00	266.50 9.36 0.00	244.26 8.68 0.00	221.82 8.21 0.00	225.92 8.68 0.00	199.02 8.06 -0.19	188.74 6.55 -2.60	177.65 5.54 -0.08
PLSNTVLE_13_KV_13.8KVDIST 80602	78.25 2.45 0.00	78.06 2.54 0.00	58.78 1.92 0.00	73.87 2.26 0.00	87.07 2.03 0.00	98.68 2.49 0.00	116.90 3.67 0.00	155.54 4.82 0.00	139.93 4.24 0.00	164.98 5.53 0.00	153.13 6.18 0.00	141.30 5.72 0.00	151.49 6.29 0.00	163.96 6.92 0.00	168.95 6.87 0.00	184.17 7.55 0.00	251.02 9.83 0.00	268.98 11.84 0.00	246.48 10.90 0.00	223.84 10.24 0.00	227.84 10.60 0.00	200.60 9.67 -0.16	189.69 7.81 -2.29	178.60 6.50 -0.07
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	78.25 2.45 0.00	78.06 2.54 0.00	58.78 1.92 0.00	73.87 2.26 0.00	87.07 2.03 0.00	98.68 2.49 0.00	116.90 3.67 0.00	155.54 4.82 0.00	139.93 4.24 0.00	164.98 5.53 0.00	153.13 6.18 0.00	141.30 5.72 0.00	151.49 6.29 0.00	163.96 6.92 0.00	168.95 6.87 0.00	184.17 7.55 0.00	251.02 9.83 0.00	268.98 11.84 0.00	246.48 10.90 0.00	223.84 10.24 0.00	227.84 10.60 0.00	200.60 9.67 -0.16	189.69 7.81 -2.29	178.60 6.50 -0.07
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	78.79 2.99 0.00	78.62 3.10 0.00	59.22 2.36 0.00	74.46 2.86 0.00	87.89 2.85 0.00	99.58 3.39 0.00	117.97 4.74 0.00	157.04 6.32 0.00	141.21 5.51 0.00	166.19 6.75 0.00	154.00 7.05 0.00	142.02 6.43 0.00	152.22 7.02 0.00	164.77 7.73 0.00	170.06 7.98 0.00	185.57 8.95 0.00	253.28 12.10 0.00	271.32 14.18 0.00	248.80 13.22 0.00	225.91 12.31 0.00	229.92 12.68 0.00	202.28 11.39 -0.13	190.85 9.50 -1.76	180.34 8.25 -0.05
POLETTI____ 23519	77.55 1.74 0.00	77.19 1.68 0.00	58.10 1.24 0.00	72.93 1.33 0.00	85.69 0.65 0.00	96.98 0.80 0.01	104.12 1.91 11.02	151.10 1.45 1.06	137.02 1.33 0.01	161.61 2.17 0.01	150.95 4.00 0.00	139.96 4.37 0.00	150.51 5.31 0.00	163.37 6.33 0.00	167.65 5.58 0.00	182.77 6.15 0.00	248.97 7.78 0.00	266.51 9.37 0.00	244.14 8.56 0.00	221.34 7.74 0.00	225.19 7.95 0.00	199.06 8.13 -0.16	187.43 5.58 -2.27	176.96 4.86 -0.07
POMONA___ESR 323819	77.70 1.90 0.00	77.47 1.96 0.00	58.32 1.46 0.00	73.28 1.68 0.00	86.40 1.36 0.00	98.04 1.86 0.00	116.21 2.98 0.00	154.47 3.75 0.00	138.98 3.28 0.00	163.94 4.49 0.00	152.19 5.24 0.00	140.41 4.82 0.00	150.49 5.28 0.00	162.94 5.90 0.00	167.87 5.79 0.00	183.03 6.41 0.00	249.43 8.25 0.00	267.30 10.16 0.00	244.79 9.21 0.00	222.37 8.77 0.00	226.46 9.22 0.00	199.36 8.45 -0.15	188.29 6.61 -2.09	177.44 5.34 -0.06
PORT_JEFF_3 23555	108.15 3.92 -28.42	122.26 3.54 -43.20	107.61 2.84 -47.91	106.15 3.30 -31.25	119.99 3.15 -31.80	128.15 3.56 -28.41	153.03 4.92 -34.88	208.96 6.25 -51.99	141.75 5.02 -1.04	184.21 6.92 -17.85	180.51 7.61 -25.95	149.67 6.90 -7.18	194.07 7.68 -41.19	187.44 8.12 -22.28	208.70 7.07 -39.55	209.16 7.18 -25.36	267.82 6.44 -20.20	451.62 12.31 -182.16	281.97 12.68 -33.71	226.07 12.47 0.00	231.21 13.97 0.00	204.75 13.82 -0.17	192.84 10.98 -2.27	181.82 8.20 -1.58
PORT_JEFF_4 23616	108.15 3.92 -28.42	122.26 3.54 -43.20	107.61 2.84 -47.91	106.15 3.30 -31.25	119.99 3.15 -31.80	128.15 3.56 -28.41	153.03 4.92 -34.88	208.96 6.25 -51.99	141.75 5.02 -1.04	184.21 6.92 -17.85	180.51 7.61 -25.95	149.67 6.90 -7.18	194.07 7.68 -41.19	187.44 8.12 -22.28	208.70 7.07 -39.55	209.16 7.18 -25.36	267.82 6.44 -20.20	451.62 12.31 -182.16	281.97 12.68 -33.71	226.07 12.47 0.00	231.21 13.97 0.00	204.75 13.82 -0.17	192.84 10.98 -2.27	181.82 8.20 -1.58

PORT_JEFF_IC 23713	108.50 4.11 -28.59	122.66 3.70 -43.45	108.01 2.96 -48.19	106.48 3.44 -31.44	120.37 3.34 -31.99	128.52 3.76 -28.58	152.73 5.22 -34.29	207.32 6.68 -49.93	141.94 5.39 -0.85	183.24 7.28 -16.52	178.92 8.01 -23.97	149.30 7.21 -6.50	192.66 8.03 -39.42	185.99 8.25 -20.70	206.72 7.20 -37.45	207.62 7.22 -23.77	266.29 5.85 -19.25	452.01 11.65 -183.23	281.73 12.22 -33.93	225.63 12.03 0.00	230.91 13.67 0.00	204.53 13.59 -0.17	193.10 11.24 -2.27	181.99 8.65 -1.31
PPL PILGRIM_ST_GT1 24216	109.29 4.13 -29.36	123.87 3.72 -44.63	109.38 3.02 -49.50	107.46 3.57 -32.29	121.30 3.40 -32.86	129.19 3.66 -29.35	153.85 5.28 -35.35	209.37 6.98 -51.68	142.26 5.65 -0.91	184.20 7.55 -17.20	180.23 8.31 -24.97	150.01 7.62 -6.80	194.55 8.53 -40.83	187.94 9.35 -21.54	209.74 8.81 -38.85	210.80 9.47 -24.71	273.38 11.60 -20.60	464.67 19.33 -188.20	289.31 18.73 -34.99	231.31 17.71 0.00	235.47 18.23 0.00	207.37 16.43 -0.17	194.86 13.01 -2.27	183.49 10.04 -1.42
PPL PILGRIM_ST_GT2 24217	109.29 4.13 -29.36	123.87 3.72 -44.63	109.38 3.02 -49.50	107.46 3.57 -32.29	121.30 3.40 -32.86	129.19 3.66 -29.35	153.85 5.28 -35.35	209.37 6.98 -51.68	142.26 5.65 -0.91	184.20 7.55 -17.20	180.23 8.31 -24.97	150.01 7.62 -6.80	194.55 8.53 -40.83	187.94 9.35 -21.54	209.74 8.81 -38.85	210.80 9.47 -24.71	273.38 11.60 -20.60	464.67 19.33 -188.20	289.31 18.73 -34.99	231.31 17.71 0.00	235.47 18.23 0.00	207.37 16.43 -0.17	194.86 13.01 -2.27	183.49 10.04 -1.42
PPL_SHRM_GT3 24213	108.56 4.25 -28.50	122.68 3.84 -43.33	107.95 3.03 -48.05	106.51 3.56 -31.34	120.49 3.56 -31.90	128.85 4.17 -28.49	153.79 5.80 -34.76	209.62 7.42 -51.48	142.24 5.55 -0.99	184.81 7.87 -17.50	180.93 8.54 -25.43	150.23 7.64 -7.00	194.34 8.39 -40.75	188.13 9.22 -21.87	208.50 7.42 -39.02	208.69 7.12 -24.95	266.33 5.17 -19.97	450.71 10.88 -182.70	280.67 11.27 -33.82	224.82 11.22 0.00	231.53 14.29 0.00	206.93 16.00 -0.17	195.24 13.38 -2.27	183.54 9.99 -1.51
PPL_SHRM_GT4 24214	108.56 4.25 -28.50	122.68 3.84 -43.33	107.95 3.03 -48.05	106.51 3.56 -31.34	120.49 3.56 -31.90	128.85 4.17 -28.49	153.79 5.80 -34.76	209.62 7.42 -51.48	142.24 5.55 -0.99	184.81 7.87 -17.50	180.93 8.54 -25.43	150.23 7.64 -7.00	194.34 8.39 -40.75	188.13 9.22 -21.87	208.50 7.42 -39.02	208.69 7.12 -24.95	266.33 5.17 -19.97	450.71 10.88 -182.70	280.67 11.27 -33.82	224.82 11.22 0.00	231.53 14.29 0.00	206.93 16.00 -0.17	195.24 13.38 -2.27	183.54 9.99 -1.51
PROJECT___ORANGE 1 24174	73.55 -2.25 0.00	73.23 -2.29 0.00	55.23 -1.63 0.00	69.64 -1.96 0.00	82.93 -2.11 0.00	94.16 -2.02 0.00	110.97 -2.26 0.00	147.91 -2.81 0.00	133.42 -2.28 0.00	156.59 -2.85 0.00	144.03 -2.92 0.00	132.96 -2.63 0.00	142.17 -3.03 0.00	153.76 -3.28 0.00	158.78 -3.30 0.00	173.17 -3.45 0.00	237.25 -3.93 0.00	253.71 -3.43 0.00	232.20 -3.37 0.00	210.40 -3.20 0.00	213.82 -3.42 0.00	187.25 -3.52 0.00	175.83 -3.76 0.00	168.25 -3.79 0.00
PROJECT___ORANGE 2 24166	73.55 -2.25 0.00	73.23 -2.29 0.00	55.23 -1.63 0.00	69.64 -1.96 0.00	82.93 -2.11 0.00	94.16 -2.02 0.00	110.97 -2.26 0.00	147.91 -2.81 0.00	133.42 -2.28 0.00	156.59 -2.85 0.00	144.03 -2.92 0.00	132.96 -2.63 0.00	142.17 -3.03 0.00	153.76 -3.28 0.00	158.78 -3.30 0.00	173.17 -3.45 0.00	237.25 -3.93 0.00	253.71 -3.43 0.00	232.20 -3.37 0.00	210.40 -3.20 0.00	213.82 -3.42 0.00	187.25 -3.52 0.00	175.83 -3.76 0.00	168.25 -3.79 0.00
PUCKETT___SOLAR 323809	74.71 -1.10 0.00	74.43 -1.09 0.00	55.96 -0.91 0.00	70.64 -0.96 0.00	84.08 -0.96 0.00	95.85 -0.34 0.00	113.60 0.38 0.00	152.34 1.63 0.00	136.28 0.58 0.00	159.80 0.36 0.00	148.04 1.09 0.00	136.44 0.86 0.00	145.59 0.39 0.00	157.20 0.15 0.00	162.98 0.91 0.00	179.14 1.84 -0.68	248.66 4.49 -2.98	269.31 6.65 -5.51	241.90 6.33 0.00	218.89 5.29 0.00	222.48 5.25 0.00	194.94 4.17 0.00	182.76 3.17 0.00	177.31 2.67 -2.60
PYRITES___HYD 24023	79.01 3.20 0.00	78.57 3.06 0.00	59.08 2.22 0.00	74.28 2.68 0.00	88.52 3.49 0.00	100.16 3.97 0.00	116.75 3.52 0.00	155.91 5.20 0.00	140.63 4.93 0.00	164.62 5.18 0.00	151.21 4.26 0.00	141.01 5.43 0.00	150.32 5.12 0.00	160.40 3.36 0.00	165.84 3.77 0.00	181.16 4.54 0.00	248.31 7.12 0.00	264.10 6.96 0.00	241.92 6.34 0.00	219.17 5.57 0.00	222.47 5.23 0.00	194.72 3.95 0.00	184.14 4.55 0.00	177.04 5.00 0.00
QUAKERRD_115KV_BK1 80622	70.65 -5.15 0.00	70.29 -5.23 0.00	53.08 -3.78 0.00	67.19 -4.41 0.00	80.68 -4.35 0.00	92.18 -4.01 0.00	107.67 -5.56 0.00	143.20 -7.52 0.00	129.27 -6.43 0.00	151.86 -7.59 0.00	138.94 -8.01 0.00	128.56 -7.02 0.00	137.58 -7.63 0.00	148.65 -8.39 0.00	153.55 -8.53 0.00	167.22 -9.41 0.00	230.27 -10.92 0.00	246.41 -10.73 0.00	224.78 -10.80 0.00	203.05 -10.55 0.00	205.85 -11.38 0.00	179.45 -11.32 0.00	168.89 -10.70 0.00	162.35 -9.69 0.00
QUENSBRY_115KV_TB8 356137	82.08 6.28 0.00	81.88 6.37 0.00	61.65 4.79 0.00	77.60 6.00 0.00	92.10 7.07 0.00	104.62 8.44 0.00	124.21 10.98 0.00	165.13 14.42 0.00	147.42 11.72 0.00	172.26 12.82 0.00	158.82 11.87 0.00	145.93 10.35 0.00	156.61 11.41 0.00	169.79 12.74 0.00	176.38 14.31 0.00	192.89 16.27 0.00	264.69 23.50 0.00	281.42 24.28 0.00	258.27 22.69 0.00	234.85 21.25 0.00	239.61 22.37 0.00	210.47 18.59 -1.11	212.50 17.46 -15.44	188.75 16.24 -0.47
RAMAPO___LBMP 323565	77.46 1.66 0.00	77.24 1.72 0.00	58.14 1.28 0.00	73.07 1.46 0.00	86.13 1.10 0.00	97.75 1.57 0.00	115.85 2.62 0.00	153.94 3.23 0.00	138.51 2.81 0.00	163.35 3.90 0.00	151.59 4.64 0.00	139.86 4.27 0.00	149.87 4.67 0.00	162.27 5.23 0.00	167.17 5.09 0.00	182.30 5.68 0.00	248.40 7.21 0.00	266.07 8.93 0.00	243.65 8.07 0.00	221.35 7.75 0.00	225.43 8.19 0.00	198.49 7.57 -0.15	187.51 5.88 -2.04	176.82 4.72 -0.06
RANKINE___ 23646	69.59 -6.21 0.00	69.19 -6.32 0.00	52.31 -4.55 0.00	66.46 -5.15 0.00	80.71 -4.33 0.00	93.00 -3.19 0.00	107.37 -5.86 0.00	142.65 -8.07 0.00	128.92 -6.78 0.00	151.60 -7.84 0.00	138.65 -8.29 0.00	128.86 -6.73 0.00	137.85 -7.35 0.00	148.77 -8.27 0.00	153.65 -8.42 0.00	166.66 -9.97 0.00	230.55 -10.64 0.00	247.17 -9.97 0.00	224.49 -11.08 0.00	202.45 -11.15 0.00	205.04 -12.19 0.00	177.72 -13.05 0.00	167.94 -11.65 0.00	163.02 -9.01 0.00
RAVENSWOOD_GT2_1 24244	78.30 2.50 0.00	78.09 2.58 0.00	58.79 1.92 0.00	73.86 2.26 0.00	86.95 1.91 0.00	98.57 2.38 0.00	116.85 3.62 0.00	155.33 4.61 0.00	139.89 4.19 0.00	165.12 5.68 0.00	153.51 6.55 0.00	141.63 6.04 0.00	151.95 6.75 0.00	164.48 7.44 0.00	169.30 7.23 0.00	184.61 7.99 0.00	251.62 10.43 0.00	269.73 12.59 0.00	246.97 11.39 0.00	224.20 10.60 0.00	228.20 10.96 0.00	200.94 10.01 -0.16	189.66 7.81 -2.27	178.42 6.31 -0.07
RAVENSWOOD_GT2_2 24245	78.30 2.50 0.00	78.09 2.58 0.00	58.79 1.92 0.00	73.86 2.26 0.00	86.95 1.91 0.00	98.57 2.38 0.00	116.85 3.62 0.00	155.33 4.61 0.00	139.89 4.19 0.00	165.12 5.68 0.00	153.51 6.55 0.00	141.63 6.04 0.00	151.95 6.75 0.00	164.48 7.44 0.00	169.30 7.23 0.00	184.61 7.99 0.00	251.62 10.43 0.00	269.73 12.59 0.00	246.97 11.39 0.00	224.20 10.60 0.00	228.20 10.96 0.00	200.94 10.01 -0.16	189.66 7.81 -2.27	178.42 6.31 -0.07

RAVENSWOOD_GT2_3 24246	78.34 2.54 0.00	78.11 2.60 0.00	58.82 1.96 0.00	73.88 2.28 0.00	86.99 1.96 0.00	98.61 2.42 0.00	116.90 3.67 0.00	155.43 4.71 0.00	139.95 4.25 0.00	165.20 5.76 0.00	153.58 6.63 0.00	141.73 6.14 0.00	152.04 6.84 0.00	164.59 7.55 0.00	169.38 7.31 0.00	184.67 8.05 0.00	251.73 10.54 0.00	269.86 12.72 0.00	247.13 11.55 0.00	224.36 10.76 0.00	228.29 11.05 0.00	201.03 10.10 -0.16	189.71 7.85 -2.27	178.49 6.39 -0.07
RAVENSWOOD_GT2_4 24247	78.34 2.54 0.00	78.11 2.60 0.00	58.82 1.96 0.00	73.88 2.28 0.00	86.99 1.96 0.00	98.61 2.42 0.00	116.90 3.67 0.00	155.43 4.71 0.00	139.95 4.25 0.00	165.20 5.76 0.00	153.58 6.63 0.00	141.73 6.14 0.00	152.04 6.84 0.00	164.59 7.55 0.00	169.38 7.31 0.00	184.67 8.05 0.00	251.73 10.54 0.00	269.86 12.72 0.00	247.13 11.55 0.00	224.36 10.76 0.00	228.29 11.05 0.00	201.03 10.10 -0.16	189.71 7.85 -2.27	178.49 6.39 -0.07
RAVENSWOOD_GT3_1 24248	78.30 2.50 0.00	78.09 2.58 0.00	58.79 1.92 0.00	73.86 2.26 0.00	86.95 1.91 0.00	98.57 2.38 0.00	116.85 3.62 0.00	155.33 4.61 0.00	139.89 4.19 0.00	165.12 5.68 0.00	153.51 6.55 0.00	141.63 6.04 0.00	151.95 6.75 0.00	164.48 7.44 0.00	169.31 7.24 0.00	184.61 7.99 0.00	251.62 10.43 0.00	269.73 12.59 0.00	246.97 11.39 0.00	224.20 10.60 0.00	228.20 10.96 0.00	200.94 10.01 -0.16	189.66 7.81 -2.27	178.42 6.31 -0.07
RAVENSWOOD_GT3_2 24249	78.30 2.50 0.00	78.09 2.58 0.00	58.79 1.92 0.00	73.86 2.26 0.00	86.95 1.91 0.00	98.57 2.38 0.00	116.85 3.62 0.00	155.33 4.61 0.00	139.89 4.19 0.00	165.12 5.68 0.00	153.51 6.55 0.00	141.63 6.04 0.00	151.95 6.75 0.00	164.48 7.44 0.00	169.31 7.24 0.00	184.61 7.99 0.00	251.62 10.43 0.00	269.73 12.59 0.00	246.97 11.39 0.00	224.20 10.60 0.00	228.20 10.96 0.00	200.94 10.01 -0.16	189.66 7.81 -2.27	178.42 6.31 -0.07
RAVENSWOOD_GT3_3 24250	78.42 2.62 0.00	78.19 2.68 0.00	58.87 2.00 0.00	73.94 2.34 0.00	87.07 2.04 0.00	98.70 2.52 0.00	117.01 3.78 0.00	155.61 4.90 0.00	140.14 4.44 0.00	165.44 6.00 0.00	153.79 6.84 0.00	141.90 6.31 0.00	152.22 7.02 0.00	164.79 7.75 0.00	169.62 7.55 0.00	184.95 8.33 0.00	252.07 10.88 0.00	270.18 13.04 0.00	247.44 11.86 0.00	224.63 11.03 0.00	228.63 11.40 0.00	201.29 10.35 -0.16	189.96 8.11 -2.27	178.69 6.58 -0.07
RAVENSWOOD_GT3_4 24251	78.42 2.62 0.00	78.19 2.68 0.00	58.87 2.00 0.00	73.94 2.34 0.00	87.07 2.04 0.00	98.70 2.52 0.00	117.01 3.78 0.00	155.61 4.90 0.00	140.14 4.44 0.00	165.44 6.00 0.00	153.79 6.84 0.00	141.90 6.31 0.00	152.22 7.02 0.00	164.79 7.75 0.00	169.62 7.55 0.00	184.95 8.33 0.00	252.07 10.88 0.00	270.18 13.04 0.00	247.44 11.86 0.00	224.63 11.03 0.00	228.63 11.40 0.00	201.29 10.35 -0.16	189.96 8.11 -2.27	178.69 6.58 -0.07
RAVENSWOOD_GT_1 23729	78.36 2.56 0.00	78.18 2.66 0.00	58.86 2.00 0.00	73.91 2.31 0.00	86.88 1.85 0.00	98.51 2.32 0.00	116.91 3.68 0.00	155.20 4.49 0.00	139.73 4.03 0.00	164.94 5.50 0.00	153.53 6.58 0.00	141.64 6.06 0.00	152.04 6.84 0.00	164.55 7.51 0.00	169.17 7.09 0.00	184.51 7.89 0.00	251.46 10.27 0.00	269.54 12.40 0.00	246.80 11.23 0.00	224.06 10.46 0.00	228.02 10.78 0.00	200.75 9.82 -0.16	189.45 7.60 -2.27	178.25 6.15 -0.07
RAVENSWOOD_GT_10 24258	78.31 2.50 0.00	78.09 2.58 0.00	58.79 1.93 0.00	73.86 2.26 0.00	86.95 1.91 0.00	98.58 2.39 0.00	116.86 3.63 0.00	155.39 4.67 0.00	139.91 4.21 0.00	165.15 5.70 0.00	153.53 6.58 0.00	141.65 6.06 0.00	151.95 6.75 0.00	164.50 7.46 0.00	169.31 7.24 0.00	184.63 8.01 0.00	251.62 10.43 0.00	269.78 12.64 0.00	246.99 11.41 0.00	224.25 10.65 0.00	228.24 11.00 0.00	200.96 10.02 -0.16	189.66 7.81 -2.27	178.45 6.34 -0.07
RAVENSWOOD_GT_11 24259	78.31 2.50 0.00	78.09 2.58 0.00	58.79 1.93 0.00	73.86 2.26 0.00	86.95 1.91 0.00	98.58 2.39 0.00	116.86 3.63 0.00	155.39 4.67 0.00	139.91 4.21 0.00	165.15 5.70 0.00	153.53 6.58 0.00	141.65 6.06 0.00	151.95 6.75 0.00	164.50 7.46 0.00	169.31 7.24 0.00	184.63 8.01 0.00	251.62 10.43 0.00	269.78 12.64 0.00	246.99 11.41 0.00	224.25 10.65 0.00	228.24 11.00 0.00	200.96 10.02 -0.16	189.66 7.81 -2.27	178.45 6.34 -0.07
RAVENSWOOD_GT_4 24252	78.28 2.47 0.00	78.06 2.55 0.00	58.78 1.92 0.00	73.83 2.23 0.00	86.88 1.84 0.00	98.49 2.31 0.00	116.78 3.56 0.00	155.23 4.51 0.00	139.79 4.09 0.00	164.99 5.55 0.00	153.43 6.48 0.00	141.57 5.99 0.00	151.89 6.69 0.00	164.43 7.39 0.00	169.18 7.10 0.00	184.47 7.84 0.00	251.45 10.26 0.00	269.54 12.40 0.00	246.77 11.19 0.00	224.07 10.47 0.00	228.02 10.78 0.00	200.78 9.85 -0.16	189.50 7.65 -2.27	178.27 6.17 -0.07
RAVENSWOOD_GT_5 24254	78.28 2.47 0.00	78.06 2.55 0.00	58.78 1.92 0.00	73.83 2.23 0.00	86.88 1.84 0.00	98.49 2.31 0.00	116.78 3.56 0.00	155.23 4.51 0.00	139.79 4.09 0.00	164.99 5.55 0.00	153.43 6.48 0.00	141.57 5.99 0.00	151.89 6.69 0.00	164.43 7.39 0.00	169.18 7.10 0.00	184.47 7.84 0.00	251.45 10.26 0.00	269.54 12.40 0.00	246.77 11.19 0.00	224.07 10.47 0.00	228.02 10.78 0.00	200.78 9.85 -0.16	189.50 7.65 -2.27	178.27 6.17 -0.07
RAVENSWOOD_GT_6 24253	78.28 2.47 0.00	78.06 2.55 0.00	58.78 1.92 0.00	73.83 2.23 0.00	86.88 1.84 0.00	98.49 2.31 0.00	116.78 3.56 0.00	155.23 4.51 0.00	139.79 4.09 0.00	164.99 5.55 0.00	153.43 6.48 0.00	141.57 5.99 0.00	151.89 6.69 0.00	164.43 7.39 0.00	169.18 7.10 0.00	184.47 7.84 0.00	251.45 10.26 0.00	269.54 12.40 0.00	246.77 11.19 0.00	224.07 10.47 0.00	228.02 10.78 0.00	200.78 9.85 -0.16	189.50 7.65 -2.27	178.27 6.17 -0.07
RAVENSWOOD_GT_7 24255	78.28 2.47 0.00	78.06 2.55 0.00	58.78 1.92 0.00	73.83 2.23 0.00	86.88 1.84 0.00	98.49 2.31 0.00	116.78 3.56 0.00	155.23 4.51 0.00	139.79 4.09 0.00	164.99 5.55 0.00	153.43 6.48 0.00	141.57 5.99 0.00	151.89 6.69 0.00	164.43 7.39 0.00	169.18 7.10 0.00	184.47 7.84 0.00	251.45 10.26 0.00	269.54 12.40 0.00	246.77 11.19 0.00	224.07 10.47 0.00	228.02 10.78 0.00	200.78 9.85 -0.16	189.50 7.65 -2.27	178.27 6.17 -0.07
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	78.31 2.50 0.00	78.09 2.58 0.00	58.79 1.93 0.00	73.86 2.26 0.00	86.95 1.91 0.00	98.58 2.39 0.00	116.86 3.63 0.00	155.39 4.67 0.00	139.91 4.21 0.00	165.15 5.70 0.00	153.53 6.58 0.00	141.65 6.06 0.00	151.95 6.75 0.00	164.50 7.46 0.00	169.31 7.24 0.00	184.63 8.01 0.00	251.62 10.43 0.00	269.78 12.64 0.00	246.99 11.41 0.00	224.25 10.65 0.00	228.24 11.00 0.00	200.96 10.02 -0.16	189.66 7.81 -2.27	178.45 6.34 -0.07
RAVENSWOOD_GT_9 24257	78.31 2.50 0.00	78.09 2.58 0.00	58.79 1.93 0.00	73.86 2.26 0.00	86.95 1.91 0.00	98.58 2.39 0.00	116.86 3.63 0.00	155.39 4.67 0.00	139.91 4.21 0.00	165.15 5.70 0.00	153.53 6.58 0.00	141.65 6.06 0.00	151.95 6.75 0.00	164.50 7.46 0.00	169.31 7.24 0.00	184.63 8.01 0.00	251.62 10.43 0.00	269.78 12.64 0.00	246.99 11.41 0.00	224.25 10.65 0.00	228.24 11.00 0.00	200.96 10.02 -0.16	189.66 7.81 -2.27	178.45 6.34 -0.07

RAVENSWOOD___1 23533	78.26 2.45 0.00	78.04 2.53 0.00	58.79 1.93 0.00	73.79 2.19 0.00	86.78 1.74 0.00	98.39 2.21 0.00	116.73 3.51 0.00	154.97 4.26 0.00	139.57 3.87 0.00	164.78 5.34 0.00	153.32 6.37 0.00	141.45 5.87 0.00	151.82 6.62 0.00	164.33 7.29 0.00	168.96 6.88 0.00	184.29 7.66 0.00	251.11 9.92 0.00	269.16 12.02 0.00	246.56 10.98 0.00	223.81 10.21 0.00	227.78 10.54 0.00	200.54 9.61 -0.16	189.26 7.41 -2.27	178.05 5.95 -0.07
RAVENSWOOD___2 23534	78.26 2.45 0.00	78.04 2.53 0.00	58.79 1.93 0.00	73.79 2.19 0.00	86.78 1.74 0.00	98.39 2.21 0.00	116.73 3.51 0.00	154.97 4.26 0.00	139.57 3.87 0.00	164.78 5.34 0.00	153.32 6.37 0.00	141.45 5.87 0.00	151.82 6.62 0.00	164.33 7.29 0.00	168.96 6.88 0.00	184.29 7.66 0.00	251.11 9.92 0.00	269.16 12.02 0.00	246.56 10.98 0.00	223.81 10.21 0.00	227.78 10.54 0.00	200.54 9.61 -0.16	189.26 7.41 -2.27	178.05 5.95 -0.07
RAVENSWOOD___3 23535	78.30 2.50 0.00	78.09 2.58 0.00	58.79 1.93 0.00	73.85 2.25 0.00	86.96 1.92 0.00	98.57 2.38 0.00	116.85 3.62 0.00	155.31 4.60 0.00	139.89 4.19 0.00	165.13 5.69 0.00	153.52 6.57 0.00	141.62 6.04 0.00	151.97 6.77 0.00	164.48 7.45 0.00	169.30 7.23 0.00	184.61 7.99 0.00	251.55 10.37 0.00	269.73 12.59 0.00	246.97 11.39 0.00	224.25 10.65 0.00	228.23 10.99 0.00	200.95 10.02 -0.16	189.65 7.79 -2.27	178.45 6.35 -0.07
RAVENSWOOD___4 23820	78.26 2.45 0.00	78.04 2.53 0.00	58.79 1.93 0.00	73.79 2.19 0.00	86.78 1.74 0.00	98.39 2.21 0.00	116.73 3.51 0.00	154.97 4.26 0.00	139.57 3.87 0.00	164.78 5.34 0.00	153.32 6.37 0.00	141.45 5.87 0.00	151.82 6.62 0.00	164.33 7.29 0.00	168.96 6.88 0.00	184.29 7.66 0.00	251.11 9.92 0.00	269.16 12.02 0.00	246.56 10.98 0.00	223.81 10.21 0.00	227.78 10.54 0.00	200.54 9.61 -0.16	189.26 7.41 -2.27	178.05 5.95 -0.07
RCPL_TRUST___DRP 24196	78.29 2.48 0.00	78.06 2.55 0.00	58.78 1.92 0.00	73.85 2.25 0.00	86.94 1.91 0.00	98.59 2.41 0.00	116.89 3.66 0.00	155.46 4.75 0.00	140.01 4.31 0.00	165.30 5.85 0.00	153.64 6.69 0.00	141.80 6.21 0.00	152.11 6.91 0.00	164.65 7.61 0.00	169.47 7.40 0.00	184.79 8.17 0.00	251.92 10.73 0.00	270.01 12.87 0.00	247.19 11.61 0.00	224.42 10.82 0.00	228.40 11.16 0.00	201.06 10.13 -0.16	189.78 7.93 -2.27	178.55 6.44 -0.07
RED___ROCHESTER 323720	72.34 -3.46 0.00	71.91 -3.60 0.00	54.33 -2.53 0.00	68.86 -2.75 0.00	82.92 -2.12 0.00	94.97 -1.21 0.00	110.64 -2.59 0.00	147.28 -3.44 0.00	133.02 -2.68 0.00	156.13 -3.32 0.00	142.52 -4.43 0.00	132.02 -3.57 0.00	141.35 -3.85 0.00	152.59 -4.45 0.00	157.49 -4.58 0.00	170.47 -5.25 0.90	232.61 -4.61 3.96	246.04 -3.77 7.33	230.85 -4.72 0.00	208.40 -5.20 0.00	211.05 -6.19 0.00	183.70 -7.07 0.00	172.94 -6.65 0.00	162.87 -5.70 3.46
REGAN___SOLAR 323812	78.75 2.95 0.00	78.44 2.93 0.00	59.06 2.20 0.00	74.40 2.80 0.00	88.43 3.39 0.00	100.53 4.35 0.00	119.14 5.91 0.00	158.85 8.13 0.00	141.12 5.42 0.00	162.52 3.08 0.00	149.03 2.08 0.00	137.22 1.63 0.00	146.97 1.77 0.00	158.49 1.45 0.00	164.97 2.90 0.00	183.47 6.84 0.00	254.71 13.52 0.00	272.44 15.29 0.00	250.27 14.70 0.00	226.47 12.87 0.00	230.05 12.81 0.00	202.20 10.83 -0.60	197.73 9.82 -8.32	181.35 9.06 -0.25
RENSSELAER___COGEN 23796	77.95 2.15 0.00	77.82 2.30 0.00	58.66 1.80 0.00	73.84 2.24 0.00	87.34 2.31 0.00	98.42 2.23 0.00	115.89 2.66 0.00	153.93 3.21 0.00	138.17 2.48 0.00	162.54 3.10 0.00	149.77 2.82 0.00	138.33 2.74 0.00	147.81 2.61 0.00	159.70 2.66 0.00	164.02 1.95 0.00	178.50 1.88 0.00	242.84 1.65 0.00	258.36 1.22 0.00	236.82 1.24 0.00	215.21 1.61 0.00	219.35 2.12 0.00	190.26 2.91 3.42	135.23 3.08 47.44	173.46 2.88 1.45
REPUBLIC_115KV_BARTNBRK 55605	85.43 9.63 0.00	85.22 9.70 0.00	64.16 7.30 0.00	80.60 9.00 0.00	95.75 10.72 0.00	109.26 13.08 0.00	130.42 17.20 0.00	173.51 22.79 0.00	154.00 18.30 0.00	178.61 19.17 0.00	164.88 17.93 0.00	150.88 15.30 0.00	162.56 17.36 0.00	177.00 19.96 0.00	185.02 22.94 0.00	202.24 25.62 0.00	280.85 39.66 0.00	297.30 40.16 0.00	273.45 37.87 0.00	249.36 35.76 0.00	254.09 36.86 0.00	221.29 29.38 -1.13	222.15 26.83 -15.73	198.19 25.67 -0.48
REVERE_CPPR_DRP 24186	81.49 5.69 0.00	79.48 3.97 0.00	59.99 3.13 0.00	75.94 4.33 0.00	90.74 5.70 0.00	104.22 8.03 0.00	124.45 11.22 0.00	166.58 15.86 0.00	150.60 14.90 0.00	176.46 17.01 0.00	162.46 15.51 0.00	149.87 14.29 0.00	159.63 14.43 0.00	172.18 15.14 0.00	178.03 15.95 0.00	194.56 17.94 0.00	267.02 25.84 0.00	286.27 29.13 0.00	262.95 27.37 0.00	239.23 25.63 0.00	242.01 24.77 0.00	211.35 20.58 0.00	198.41 18.83 0.00	189.27 17.23 0.00
REYNLDPA_13_KV_LD 356490	77.65 1.84 0.00	77.21 1.70 0.00	57.99 1.13 0.00	72.84 1.24 0.00	86.84 1.81 0.00	97.89 1.70 0.00	114.44 1.21 0.00	150.35 -0.36 0.00	135.16 -0.54 0.00	158.70 -0.75 0.00	146.20 -0.75 0.00	134.83 -0.75 0.00	144.72 -0.48 0.00	156.48 -0.56 0.00	161.47 -0.60 0.00	175.96 -0.66 0.00	240.60 -0.59 0.00	255.46 -1.68 0.00	233.93 -1.65 0.00	211.75 -1.85 0.00	215.19 -2.05 0.00	188.77 -2.00 0.00	178.12 -1.47 0.00	170.89 -1.15 0.00
REYNOLDS_115KV_TB3 80639	78.15 2.35 0.00	77.98 2.47 0.00	58.80 1.93 0.00	73.99 2.38 0.00	87.53 2.50 0.00	98.75 2.56 0.00	116.30 3.07 0.00	154.48 3.77 0.00	138.67 2.97 0.00	163.35 3.91 0.00	150.58 3.62 0.00	139.05 3.46 0.00	148.65 3.45 0.00	160.66 3.62 0.00	165.34 3.27 0.00	179.93 3.31 0.00	244.79 3.60 0.00	260.22 3.08 0.00	238.60 3.03 0.00	216.89 3.29 0.00	221.12 3.88 0.00	198.45 4.68 -3.00	226.32 5.00 -41.73	177.98 4.66 -1.28
RIVERBAY____ 323610	79.71 3.90 0.00	79.31 3.80 0.00	59.79 2.93 0.00	75.02 3.42 0.00	88.40 3.37 0.00	100.31 4.12 0.00	119.18 5.96 0.00	157.83 7.11 0.00	141.96 6.26 0.00	167.42 7.98 0.00	155.93 8.98 0.00	143.92 8.34 0.00	154.53 9.33 0.00	167.41 10.37 0.00	171.96 9.89 0.00	187.77 11.15 0.00	256.13 14.95 0.00	274.76 17.62 0.00	251.53 15.95 0.00	228.18 14.58 0.00	232.16 14.92 0.00	204.20 13.27 -0.16	192.61 10.75 -2.27	181.59 9.48 -0.07
RIVERSDE_115KV_TB3 55908	78.23 2.43 0.00	78.10 2.59 0.00	58.85 1.99 0.00	74.10 2.50 0.00	87.66 2.63 0.00	98.84 2.66 0.00	116.39 3.16 0.00	154.66 3.94 0.00	138.82 3.12 0.00	163.38 3.94 0.00	150.60 3.65 0.00	139.08 3.49 0.00	148.62 3.42 0.00	160.61 3.57 0.00	165.07 3.00 0.00	179.61 3.00 0.00	244.36 3.17 0.00	259.98 2.84 0.00	238.33 2.75 0.00	216.56 2.96 0.00	220.73 3.50 0.00	195.85 4.14 -0.94	196.96 4.25 -13.11	176.39 3.96 -0.40
ROARING___BROOK_WT_PWR 323790	75.83 0.02 0.00	74.70 -0.82 0.00	56.11 -0.75 0.00	70.72 -0.89 0.00	84.53 -0.50 0.00	95.74 -0.44 0.00	113.13 -0.09 0.00	150.95 0.23 0.00	135.97 0.27 0.00	159.70 0.25 0.00	147.11 0.16 0.00	135.68 0.09 0.00	145.15 -0.05 0.00	156.96 -0.08 0.00	162.15 0.08 0.00	176.67 0.05 0.00	241.08 -0.11 0.00	256.46 -0.68 0.00	234.92 -0.66 0.00	213.46 -0.14 0.00	216.77 -0.47 0.00	189.89 -0.88 0.00	178.89 -0.70 0.00	171.91 -0.13 0.00

ROCHESRG_115KV_T4 355643	71.47 -4.33 0.00	71.07 -4.45 0.00	53.70 -3.16 0.00	68.05 -3.56 0.00	81.91 -3.13 0.00	93.71 -2.47 0.00	109.08 -4.15 0.00	145.00 -5.71 0.00	130.96 -4.74 0.00	153.80 -5.64 0.00	140.51 -6.44 0.00	130.12 -5.47 0.00	139.32 -5.88 0.00	150.46 -6.58 0.00	155.37 -6.70 0.00	169.01 -7.61 0.00	233.09 -8.10 0.00	249.54 -7.60 0.00	227.46 -8.12 0.00	205.37 -8.23 0.00	208.14 -9.10 0.00	181.22 -9.55 0.00	170.77 -8.82 0.00	164.43 -7.60 0.00
ROCHESTER_9_IC 23652	72.02 -3.79 0.00	71.59 -3.92 0.00	54.10 -2.76 0.00	68.55 -3.05 0.00	82.54 -2.50 0.00	94.51 -1.67 0.00	110.06 -3.17 0.00	146.36 -4.36 0.00	132.24 -3.46 0.00	155.26 -4.18 0.00	141.80 -5.14 0.00	131.29 -4.30 0.00	140.59 -4.61 0.00	151.82 -5.22 0.00	156.72 -5.35 0.00	170.53 -6.09 0.00	235.27 -5.92 0.00	252.06 -5.09 0.00	229.73 -5.84 0.00	207.36 -6.24 0.00	210.09 -7.15 0.00	182.84 -7.93 0.00	172.18 -7.41 0.00	165.68 -6.36 0.00
ROCKVIEW_13_KV_LD 356306	78.58 2.78 0.00	78.34 2.83 0.00	58.98 2.12 0.00	74.13 2.53 0.00	87.34 2.30 0.00	99.01 2.83 0.00	117.35 4.12 0.00	156.07 5.35 0.00	140.41 4.71 0.00	165.63 6.19 0.00	153.84 6.89 0.00	142.02 6.44 0.00	152.30 7.10 0.00	164.88 7.84 0.00	169.85 7.78 0.00	185.19 8.57 0.00	252.47 11.28 0.00	270.71 13.57 0.00	247.92 12.34 0.00	225.22 11.61 0.00	229.22 11.98 0.00	201.78 10.85 -0.16	190.55 8.69 -2.27	179.31 7.20 -0.07
ROME____115KV_TB2 80656	81.49 5.69 0.00	79.48 3.97 0.00	59.99 3.13 0.00	75.94 4.33 0.00	90.74 5.70 0.00	104.22 8.03 0.00	124.45 11.22 0.00	166.58 15.86 0.00	150.60 14.90 0.00	176.46 17.01 0.00	162.46 15.51 0.00	149.87 14.29 0.00	159.63 14.43 0.00	172.18 15.14 0.00	178.03 15.95 0.00	194.56 17.94 0.00	267.02 25.84 0.00	286.27 29.13 0.00	262.95 27.37 0.00	239.23 25.63 0.00	242.01 24.77 0.00	211.35 20.58 0.00	198.41 18.83 0.00	189.27 17.23 0.00
ROSETON___1 23587	77.76 1.96 0.00	77.60 2.08 0.00	58.43 1.57 0.00	73.47 1.87 0.00	86.62 1.59 0.00	98.02 1.84 0.00	116.00 2.78 0.00	154.24 3.53 0.00	138.78 3.08 0.00	163.47 4.03 0.00	151.67 4.72 0.00	139.91 4.32 0.00	149.92 4.71 0.00	162.31 5.27 0.00	167.26 5.18 0.00	182.24 5.62 0.00	247.87 6.69 0.00	265.40 8.26 0.00	243.23 7.65 0.00	220.88 7.28 0.00	224.90 7.66 0.00	198.16 7.25 -0.15	187.57 5.94 -2.04	177.05 4.95 -0.06
ROSETON___2 23588	77.76 1.96 0.00	77.60 2.08 0.00	58.43 1.57 0.00	73.47 1.87 0.00	86.62 1.59 0.00	98.02 1.84 0.00	116.00 2.78 0.00	154.24 3.53 0.00	138.78 3.08 0.00	163.47 4.03 0.00	151.67 4.72 0.00	139.91 4.32 0.00	149.92 4.71 0.00	162.31 5.27 0.00	167.26 5.18 0.00	182.24 5.62 0.00	247.87 6.69 0.00	265.40 8.26 0.00	243.23 7.65 0.00	220.88 7.28 0.00	224.90 7.66 0.00	198.16 7.25 -0.15	187.57 5.94 -2.04	177.05 4.95 -0.06
ROTRDAM_115KV_TB3 80664	78.00 2.20 0.00	77.84 2.33 0.00	58.64 1.77 0.00	73.88 2.28 0.00	87.52 2.48 0.00	98.92 2.74 0.00	116.81 3.58 0.00	155.34 4.63 0.00	139.42 3.71 0.00	163.55 4.11 0.00	150.84 3.89 0.00	139.11 3.52 0.00	148.92 3.72 0.00	161.17 4.14 0.00	166.49 4.42 0.00	181.79 5.17 0.00	248.21 7.02 0.00	264.68 7.54 0.00	242.55 6.97 0.00	220.11 6.51 0.00	224.06 6.83 0.00	197.71 6.26 -0.68	194.91 5.93 -9.39	177.87 5.55 -0.29
RUSSELL___1 23602	72.33 -3.47 0.00	71.92 -3.60 0.00	54.33 -2.53 0.00	68.86 -2.74 0.00	82.92 -2.12 0.00	94.97 -1.21 0.00	110.62 -2.61 0.00	147.23 -3.49 0.00	133.00 -2.70 0.00	156.13 -3.32 0.00	142.54 -4.41 0.00	132.02 -3.56 0.00	141.35 -3.85 0.00	152.61 -4.43 0.00	157.49 -4.59 0.00	171.33 -5.29 0.00	236.40 -4.79 0.00	253.28 -3.86 0.00	230.87 -4.71 0.00	208.41 -5.19 0.00	211.10 -6.13 0.00	183.70 -7.07 0.00	172.88 -6.70 0.00	166.32 -5.71 0.00
RUSSELL___2 23532	72.33 -3.47 0.00	71.92 -3.60 0.00	54.33 -2.53 0.00	68.86 -2.74 0.00	82.92 -2.12 0.00	94.97 -1.21 0.00	110.62 -2.61 0.00	147.23 -3.49 0.00	133.00 -2.70 0.00	156.13 -3.32 0.00	142.54 -4.41 0.00	132.02 -3.56 0.00	141.35 -3.85 0.00	152.61 -4.43 0.00	157.49 -4.59 0.00	171.33 -5.29 0.00	236.40 -4.79 0.00	253.28 -3.86 0.00	230.87 -4.71 0.00	208.41 -5.19 0.00	211.10 -6.13 0.00	183.70 -7.07 0.00	172.88 -6.70 0.00	166.32 -5.71 0.00
RUSSELL___3 23549	72.33 -3.47 0.00	71.92 -3.60 0.00	54.33 -2.53 0.00	68.86 -2.74 0.00	82.92 -2.12 0.00	94.97 -1.21 0.00	110.62 -2.61 0.00	147.23 -3.49 0.00	133.00 -2.70 0.00	156.13 -3.32 0.00	142.54 -4.41 0.00	132.02 -3.56 0.00	141.35 -3.85 0.00	152.61 -4.43 0.00	157.49 -4.59 0.00	171.33 -5.29 0.00	236.40 -4.79 0.00	253.28 -3.86 0.00	230.87 -4.71 0.00	208.41 -5.19 0.00	211.10 -6.13 0.00	183.70 -7.07 0.00	172.88 -6.70 0.00	166.32 -5.71 0.00
RUSSELL___4 23556	72.33 -3.47 0.00	71.92 -3.60 0.00	54.33 -2.53 0.00	68.86 -2.74 0.00	82.92 -2.12 0.00	94.97 -1.21 0.00	110.62 -2.61 0.00	147.23 -3.49 0.00	133.00 -2.70 0.00	156.13 -3.32 0.00	142.54 -4.41 0.00	132.02 -3.56 0.00	141.35 -3.85 0.00	152.61 -4.43 0.00	157.49 -4.59 0.00	171.33 -5.29 0.00	236.40 -4.79 0.00	253.28 -3.86 0.00	230.87 -4.71 0.00	208.41 -5.19 0.00	211.10 -6.13 0.00	183.70 -7.07 0.00	172.88 -6.70 0.00	166.32 -5.71 0.00
RUSSELL___STATION 23914	72.33 -3.47 0.00	71.92 -3.60 0.00	54.33 -2.53 0.00	68.86 -2.74 0.00	82.92 -2.12 0.00	94.97 -1.21 0.00	110.62 -2.61 0.00	147.23 -3.49 0.00	133.00 -2.70 0.00	156.13 -3.32 0.00	142.54 -4.41 0.00	132.02 -3.56 0.00	141.35 -3.85 0.00	152.61 -4.43 0.00	157.49 -4.59 0.00	171.33 -5.29 0.00	236.40 -4.79 0.00	253.28 -3.86 0.00	230.87 -4.71 0.00	208.41 -5.19 0.00	211.10 -6.13 0.00	183.70 -7.07 0.00	172.88 -6.70 0.00	166.32 -5.71 0.00
S SALMON___HYD 24043	74.28 -1.53 0.00	73.02 -2.49 0.00	55.07 -1.79 0.00	69.74 -1.86 0.00	83.18 -1.85 0.00	94.81 -1.38 0.00	112.23 -0.99 0.00	149.85 -0.87 0.00	135.30 -0.40 0.00	158.86 -0.58 0.00	146.21 -0.74 0.00	134.95 -0.63 0.00	144.08 -1.12 0.00	155.53 -1.51 0.00	160.45 -1.62 0.00	175.05 -1.57 0.00	239.36 -1.83 0.00	255.98 -1.16 0.00	234.69 -0.89 0.00	213.28 -0.32 0.00	216.48 -0.76 0.00	189.33 -1.44 0.00	178.37 -1.22 0.00	170.88 -1.16 0.00
S.PERRY___115KV_TB1 80734	68.77 -7.03 0.00	68.37 -7.14 0.00	51.66 -5.20 0.00	65.54 -6.06 0.00	79.16 -5.88 0.00	91.38 -4.80 0.00	106.85 -6.38 0.00	143.41 -7.31 0.00	129.22 -6.48 0.00	150.60 -8.84 0.00	136.29 -10.66 0.00	125.46 -10.13 0.00	133.89 -11.31 0.00	145.04 -12.00 0.00	151.02 -11.05 0.00	166.25 -10.37 0.00	232.41 -8.77 0.00	250.41 -6.74 0.00	228.69 -6.89 0.00	206.84 -6.76 0.00	209.65 -7.58 0.00	182.32 -8.45 0.00	170.32 -9.27 0.00	163.23 -8.81 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	68.98 -6.83 0.00	68.56 -6.95 0.00	51.85 -5.02 0.00	65.89 -5.71 0.00	80.03 -5.01 0.00	92.09 -4.09 0.00	106.04 -7.18 0.00	140.88 -9.84 0.00	127.37 -8.33 0.00	149.81 -9.63 0.00	136.88 -10.07 0.00	127.23 -8.36 0.00	136.16 -9.04 0.00	146.91 -10.12 0.00	151.66 -10.41 0.00	164.43 -12.19 0.00	227.42 -13.77 0.00	243.71 -13.44 0.00	221.43 -14.15 0.00	199.55 -14.05 0.00	202.04 -15.20 0.00	175.19 -15.58 0.00	165.77 -13.82 0.00	161.05 -10.99 0.00

SAWYER___23_KV_LOAD 55526	68.98 -6.83 0.00	68.56 -6.95 0.00	51.85 -5.02 0.00	65.89 -5.71 0.00	80.03 -5.01 0.00	92.09 -4.09 0.00	106.04 -7.18 0.00	140.88 -9.84 0.00	127.37 -8.33 0.00	149.81 -9.63 0.00	136.88 -10.07 0.00	127.23 -8.36 0.00	136.16 -9.04 0.00	146.91 -10.12 0.00	151.66 -10.41 0.00	164.43 -12.19 0.00	227.42 -13.77 0.00	243.71 -13.44 0.00	221.43 -14.15 0.00	199.55 -14.05 0.00	202.04 -15.20 0.00	175.19 -15.58 0.00	165.77 -13.82 0.00	161.05 -10.99 0.00
SELKIRK___I 23801	78.13 2.33 0.00	78.04 2.53 0.00	58.81 1.94 0.00	74.08 2.48 0.00	87.70 2.67 0.00	98.78 2.60 0.00	116.38 3.15 0.00	154.62 3.91 0.00	138.61 2.91 0.00	162.46 3.01 0.00	149.61 2.66 0.00	138.06 2.47 0.00	147.62 2.42 0.00	159.66 2.61 0.00	164.56 2.49 0.00	179.62 2.99 0.00	244.79 3.60 0.00	260.50 3.36 0.00	238.67 3.10 0.00	216.72 3.12 0.00	220.80 3.57 0.00	192.96 3.95 1.75	159.39 4.16 24.36	175.34 4.05 0.75
SELKIRK___II 23799	77.74 1.94 0.00	77.65 2.13 0.00	58.51 1.65 0.00	73.69 2.09 0.00	87.16 2.13 0.00	98.24 2.05 0.00	115.77 2.54 0.00	153.83 3.11 0.00	138.12 2.42 0.00	162.39 2.95 0.00	149.69 2.74 0.00	138.14 2.55 0.00	147.71 2.52 0.00	159.69 2.65 0.00	164.38 2.31 0.00	178.98 2.36 0.00	243.62 2.43 0.00	259.43 2.29 0.00	237.78 2.20 0.00	215.99 2.39 0.00	220.08 2.84 0.00	192.04 3.29 2.02	154.89 3.38 28.08	174.37 3.19 0.86
SENECA OSWGO___HYD 24041	72.66 -3.15 0.00	72.28 -3.24 0.00	54.50 -2.36 0.00	68.73 -2.87 0.00	81.78 -3.26 0.00	92.82 -3.36 0.00	109.40 -3.82 0.00	145.84 -4.87 0.00	131.52 -4.18 0.00	154.44 -5.00 0.00	142.12 -4.83 0.00	131.15 -4.44 0.00	140.24 -4.96 0.00	151.62 -5.42 0.00	156.56 -5.51 0.00	170.74 -5.88 0.00	233.84 -7.35 0.00	249.91 -7.23 0.00	228.89 -6.69 0.00	207.44 -6.16 0.00	210.86 -6.37 0.00	184.73 -6.04 0.00	173.59 -6.00 0.00	166.17 -5.87 0.00
SENECA___115KV_TB3 355854	69.73 -6.08 0.00	69.33 -6.19 0.00	52.39 -4.47 0.00	66.56 -5.04 0.00	80.83 -4.20 0.00	93.18 -3.00 0.00	107.59 -5.63 0.00	143.02 -7.69 0.00	129.22 -6.48 0.00	151.90 -7.54 0.00	138.92 -8.02 0.00	129.13 -6.46 0.00	138.07 -7.13 0.00	149.02 -8.02 0.00	153.93 -8.14 0.00	164.95 -9.57 2.10	222.07 -9.93 9.19	230.75 -9.40 16.99	224.95 -10.63 0.00	202.85 -10.75 0.00	205.39 -11.85 0.00	178.08 -12.69 0.00	168.26 -11.32 0.00	155.30 -8.71 8.02
SENECA___ENERGY 23797	73.23 -2.58 0.00	72.92 -2.59 0.00	55.02 -1.85 0.00	69.45 -2.15 0.00	82.96 -2.08 0.00	94.60 -1.58 0.00	111.39 -1.84 0.00	148.51 -2.20 0.00	134.17 -1.53 0.00	157.25 -2.19 0.00	144.04 -2.90 0.00	132.93 -2.65 0.00	142.31 -2.89 0.00	153.84 -3.20 0.00	158.93 -3.15 0.00	173.10 -3.29 0.24	237.44 -2.70 1.04	253.55 -2.25 1.93	233.33 -2.77 0.00	210.83 -2.77 0.00	214.20 -3.04 0.00	186.90 -3.87 0.00	175.47 -4.12 0.00	167.35 -3.77 0.91
SHOEMAKER___GT 23640	77.44 1.63 0.00	77.25 1.74 0.00	58.20 1.34 0.00	73.18 1.58 0.00	86.40 1.36 0.00	97.87 1.69 0.00	115.86 2.64 0.00	154.13 3.42 0.00	138.56 2.86 0.00	163.01 3.56 0.00	151.11 4.16 0.00	139.27 3.69 0.00	149.04 3.83 0.00	161.45 4.41 0.00	166.57 4.49 0.00	181.73 5.11 0.00	247.71 6.52 0.00	265.24 8.10 0.00	242.99 7.41 0.00	220.62 7.02 0.00	224.60 7.36 0.00	197.83 6.93 -0.13	187.04 5.65 -1.80	176.83 4.73 -0.05
SHOEMAKR_138KV_BK 111 55601	77.39 1.58 0.00	77.20 1.68 0.00	58.15 1.29 0.00	73.13 1.53 0.00	86.31 1.28 0.00	97.79 1.60 0.00	115.77 2.54 0.00	154.02 3.31 0.00	138.45 2.75 0.00	162.98 3.54 0.00	151.03 4.09 0.00	139.26 3.68 0.00	149.05 3.85 0.00	161.44 4.40 0.00	166.55 4.47 0.00	181.65 5.02 0.00	247.57 6.38 0.00	265.09 7.95 0.00	242.83 7.25 0.00	220.50 6.90 0.00	224.47 7.24 0.00	197.67 6.77 -0.13	186.83 5.48 -1.77	176.64 4.55 -0.05
SHOREHAM_IC_1 23715	108.56 4.25 -28.50	122.68 3.84 -43.33	107.95 3.03 -48.05	106.51 3.56 -31.34	120.49 3.56 -31.90	128.85 4.17 -28.49	153.79 5.80 -34.76	209.62 7.42 -51.48	142.24 5.55 -0.99	184.81 7.87 -17.50	180.93 8.54 -25.43	150.23 7.64 -7.00	194.34 8.39 -40.75	188.13 9.22 -21.87	208.50 7.42 -39.02	208.69 7.12 -24.95	266.33 5.17 -19.97	450.71 10.88 -182.70	280.67 11.27 -33.82	224.82 11.22 0.00	231.53 14.29 0.00	206.93 16.00 -0.17	195.24 13.38 -2.27	183.54 9.99 -1.51
SHOREHAM_IC_2 23716	108.56 4.25 -28.50	122.68 3.84 -43.33	107.95 3.03 -48.05	106.51 3.57 -31.34	120.49 3.56 -31.90	128.85 4.17 -28.49	153.79 5.81 -34.76	209.65 7.45 -51.48	142.30 5.61 -0.99	184.81 7.87 -17.50	180.92 8.54 -25.43	150.19 7.60 -7.00	194.32 8.37 -40.75	188.12 9.21 -21.87	208.51 7.43 -39.02	208.71 7.14 -24.95	266.33 5.17 -19.97	449.94 10.11 -182.70	280.67 11.28 -33.82	224.82 11.22 0.00	231.51 14.28 0.00	206.94 16.00 -0.17	195.24 13.38 -2.27	183.52 9.98 -1.51
SISSONVILLE____ 23735	77.68 1.87 0.00	77.16 1.64 0.00	57.96 1.09 0.00	72.85 1.25 0.00	86.69 1.65 0.00	98.08 1.89 0.00	114.30 1.07 0.00	152.67 1.96 0.00	137.99 2.29 0.00	161.87 2.43 0.00	148.94 1.99 0.00	138.64 3.06 0.00	147.90 2.70 0.00	157.63 0.58 0.00	162.97 0.89 0.00	177.60 0.98 0.00	242.81 1.62 0.00	258.19 1.05 0.00	236.51 0.94 0.00	214.35 0.75 0.00	217.51 0.27 0.00	190.62 -0.15 0.00	180.77 1.19 0.00	174.15 2.11 0.00
SITHE_IND_GS1 24169	72.23 -3.57 0.00	71.94 -3.58 0.00	54.23 -2.63 0.00	68.35 -3.25 0.00	81.33 -3.71 0.00	92.24 -3.94 0.00	108.58 -4.65 0.00	144.61 -6.11 0.00	130.40 -5.31 0.00	153.07 -6.37 0.00	140.79 -6.16 0.00	129.96 -5.63 0.00	139.10 -6.11 0.00	150.41 -6.63 0.00	155.27 -6.80 0.00	169.30 -7.33 0.00	231.70 -9.49 0.00	247.45 -9.69 0.00	226.53 -9.05 0.00	205.27 -8.33 0.00	208.71 -8.53 0.00	182.93 -7.84 0.00	172.04 -7.55 0.00	164.82 -7.22 0.00
SITHE_IND_GS2 24170	72.23 -3.57 0.00	71.94 -3.58 0.00	54.23 -2.63 0.00	68.35 -3.25 0.00	81.33 -3.71 0.00	92.24 -3.94 0.00	108.58 -4.65 0.00	144.61 -6.11 0.00	130.40 -5.31 0.00	153.07 -6.37 0.00	140.79 -6.16 0.00	129.96 -5.63 0.00	139.10 -6.11 0.00	150.41 -6.63 0.00	155.27 -6.80 0.00	169.30 -7.33 0.00	231.70 -9.49 0.00	247.45 -9.69 0.00	226.53 -9.05 0.00	205.27 -8.33 0.00	208.71 -8.53 0.00	182.93 -7.84 0.00	172.04 -7.55 0.00	164.82 -7.22 0.00
SITHE_IND_GS3 24171	72.23 -3.57 0.00	71.94 -3.58 0.00	54.23 -2.63 0.00	68.35 -3.25 0.00	81.33 -3.71 0.00	92.24 -3.94 0.00	108.58 -4.65 0.00	144.61 -6.11 0.00	130.40 -5.31 0.00	153.07 -6.37 0.00	140.79 -6.16 0.00	129.96 -5.63 0.00	139.10 -6.11 0.00	150.41 -6.63 0.00	155.27 -6.80 0.00	169.30 -7.33 0.00	231.70 -9.49 0.00	247.45 -9.69 0.00	226.53 -9.05 0.00	205.27 -8.33 0.00	208.71 -8.53 0.00	182.93 -7.84 0.00	172.04 -7.55 0.00	164.82 -7.22 0.00
SITHE_IND_GS4 24172	72.23 -3.57 0.00	71.94 -3.58 0.00	54.23 -2.63 0.00	68.35 -3.25 0.00	81.33 -3.71 0.00	92.24 -3.94 0.00	108.58 -4.65 0.00	144.61 -6.11 0.00	130.40 -5.31 0.00	153.07 -6.37 0.00	140.79 -6.16 0.00	129.96 -5.63 0.00	139.10 -6.11 0.00	150.41 -6.63 0.00	155.27 -6.80 0.00	169.30 -7.33 0.00	231.70 -9.49 0.00	247.45 -9.69 0.00	226.53 -9.05 0.00	205.27 -8.33 0.00	208.71 -8.53 0.00	182.93 -7.84 0.00	172.04 -7.55 0.00	164.82 -7.22 0.00

SITHE___BATAVIA 24024	71.27 -4.54 0.00	70.79 -4.73 0.00	53.50 -3.36 0.00	67.92 -3.68 0.00	82.12 -2.92 0.00	93.76 -2.42 0.00	107.38 -5.85 0.00	142.97 -7.74 0.00	129.25 -6.45 0.00	151.39 -8.05 0.00	137.76 -9.19 0.00	127.51 -8.07 0.00	136.29 -8.91 0.00	147.22 -9.82 0.00	152.03 -10.04 0.00	164.32 -10.88 1.41	224.57 -10.44 6.18	236.62 -9.09 11.43	225.29 -10.28 0.00	203.08 -10.52 0.00	205.35 -11.88 0.00	178.01 -12.76 0.00	168.11 -11.48 0.00	157.48 -9.16 5.40
SITHE___INDEPEND 23800	72.23 -3.57 0.00	71.94 -3.58 0.00	54.24 -2.63 0.00	68.35 -3.25 0.00	81.32 -3.72 0.00	92.23 -3.95 0.00	108.56 -4.66 0.00	144.62 -6.10 0.00	130.37 -5.33 0.00	153.07 -6.37 0.00	140.79 -6.16 0.00	129.96 -5.63 0.00	139.10 -6.10 0.00	150.41 -6.63 0.00	155.27 -6.81 0.00	169.26 -7.36 0.00	231.70 -9.49 0.00	247.45 -9.69 0.00	226.53 -9.05 0.00	205.27 -8.33 0.00	208.71 -8.53 0.00	182.92 -7.85 0.00	172.03 -7.56 0.00	164.81 -7.23 0.00
SITHE___MASSENA 23902	77.68 1.88 0.00	77.23 1.72 0.00	58.01 1.15 0.00	72.91 1.31 0.00	86.89 1.85 0.00	98.14 1.96 0.00	114.67 1.44 0.00	152.80 2.09 0.00	137.93 2.23 0.00	161.93 2.49 0.00	149.12 2.18 0.00	139.16 3.57 0.00	148.68 3.48 0.00	159.52 2.48 0.00	164.52 2.45 0.00	179.30 2.68 0.00	245.10 3.92 0.00	260.34 3.20 0.00	238.44 2.87 0.00	215.94 2.33 0.00	219.36 2.12 0.00	192.39 1.62 0.00	181.63 2.04 0.00	174.36 2.33 0.00
SITHE___OGDNSBRG 24021	79.02 3.21 0.00	78.59 3.07 0.00	59.06 2.20 0.00	74.26 2.66 0.00	88.57 3.53 0.00	100.14 3.96 0.00	116.91 3.68 0.00	155.93 5.22 0.00	140.61 4.91 0.00	164.57 5.13 0.00	151.15 4.20 0.00	140.96 5.37 0.00	150.35 5.15 0.00	160.73 3.69 0.00	166.06 3.99 0.00	181.57 4.95 0.00	249.02 7.83 0.00	264.86 7.71 0.00	242.52 6.94 0.00	219.64 6.04 0.00	222.99 5.76 0.00	195.26 4.49 0.00	184.45 4.87 0.00	177.15 5.12 0.00
SITHE___STERLING 23777	75.66 -0.15 0.00	75.41 -0.10 0.00	56.81 -0.05 0.00	71.63 0.03 0.00	85.33 0.29 0.00	96.96 0.77 0.00	114.57 1.34 0.00	152.84 2.12 0.00	137.60 1.91 0.00	161.04 1.60 0.00	147.79 0.85 0.00	135.98 0.40 0.00	145.42 0.22 0.00	157.20 0.16 0.00	162.43 0.35 0.00	177.46 0.84 0.00	243.67 2.48 0.00	260.25 3.11 0.00	238.32 2.74 0.00	216.03 2.43 0.00	219.56 2.32 0.00	192.52 1.75 0.00	180.70 1.11 0.00	172.88 0.84 0.00
SLEIGHT__34_KV_TB1 80719	72.36 -3.44 0.00	72.04 -3.47 0.00	54.36 -2.50 0.00	68.75 -2.85 0.00	82.49 -2.55 0.00	94.17 -2.02 0.00	110.47 -2.76 0.00	147.15 -3.57 0.00	132.85 -2.85 0.00	155.89 -3.55 0.00	142.71 -4.24 0.00	131.86 -3.72 0.00	141.10 -4.10 0.00	152.53 -4.51 0.00	157.57 -4.50 0.00	171.62 -5.00 0.00	236.51 -4.68 0.00	253.53 -3.61 0.00	231.16 -4.42 0.00	208.84 -4.76 0.00	211.90 -5.34 0.00	184.61 -6.16 0.00	173.47 -6.12 0.00	166.61 -5.43 0.00
SMITHTWN_69_KV_BK 1 55830	108.86 4.33 -28.73	123.10 3.91 -43.67	108.41 3.12 -48.42	106.84 3.65 -31.59	120.76 3.58 -32.15	128.93 4.03 -28.71	151.54 5.49 -32.82	203.09 7.06 -45.31	141.96 5.80 -0.47	180.81 7.70 -13.67	175.07 8.42 -19.69	148.22 7.58 -5.06	189.14 8.43 -35.50	183.23 8.91 -17.28	202.93 8.01 -32.84	205.34 8.39 -20.33	266.38 8.13 -17.06	455.63 14.37 -184.12	284.45 14.75 -34.12	227.87 14.27 0.00	232.95 15.71 0.00	206.04 15.10 -0.17	194.05 12.20 -2.27	181.97 9.19 -0.74
SOUTH CAIRO___GT 23612	81.16 5.35 0.00	81.06 5.54 0.00	61.09 4.23 0.00	77.07 5.47 0.00	91.46 6.42 0.00	103.30 7.12 0.00	122.21 8.98 0.00	163.22 12.51 0.00	145.93 10.23 0.00	169.52 10.08 0.00	154.85 7.90 0.00	142.09 6.51 0.00	151.88 6.68 0.00	164.44 7.40 0.00	169.76 7.69 0.00	187.57 10.94 0.00	258.16 16.97 0.00	275.19 18.05 0.00	252.33 16.75 0.00	228.92 15.32 0.00	232.96 15.72 0.00	203.09 14.18 1.86	167.23 13.44 25.80	183.76 12.52 0.79
SOUTH HAMPTN___IC 23720	108.30 4.05 -28.45	122.40 3.64 -43.24	107.69 2.88 -47.95	106.25 3.37 -31.28	120.27 3.40 -31.84	128.81 4.18 -28.44	154.08 5.92 -34.94	210.51 7.68 -52.11	142.24 5.49 -1.05	185.56 8.21 -17.90	181.84 8.86 -26.04	150.77 7.97 -7.21	195.17 8.68 -41.28	188.90 9.50 -22.35	209.71 7.98 -39.66	210.08 8.02 -25.44	271.11 9.66 -20.26	456.98 17.50 -182.33	285.73 16.42 -33.74	229.48 15.87 0.00	236.87 19.63 0.00	211.07 20.14 -0.17	197.28 15.42 -2.27	185.17 11.55 -1.59
SOUTHDOW_115KV_TB1 355954	70.12 -5.69 0.00	70.08 -5.44 0.00	52.89 -3.97 0.00	67.19 -4.41 0.00	81.59 -3.45 0.00	94.77 -1.42 0.00	110.60 -2.63 0.00	147.77 -2.95 0.00	133.99 -1.71 0.00	158.16 -1.28 0.00	144.77 -2.18 0.00	134.69 -0.89 0.00	143.55 -1.65 0.00	155.12 -1.92 0.00	160.22 -1.86 0.00	174.51 -2.11 0.00	241.97 0.78 0.00	259.54 2.40 0.00	236.37 0.80 0.00	213.33 -0.27 0.00	216.39 -0.84 0.00	186.66 -4.11 0.00	175.09 -4.50 0.00	169.16 -2.87 0.00
SOUTHOLD_69_KV_BK 2 55809	107.53 3.27 -28.45	121.62 2.86 -43.24	107.09 2.27 -47.96	105.50 2.62 -31.29	119.46 2.59 -31.84	127.98 3.36 -28.44	153.22 5.05 -34.94	209.42 6.61 -52.10	139.20 2.45 -1.04	184.73 7.39 -17.90	181.15 8.17 -26.03	150.14 7.35 -7.21	194.18 7.70 -41.27	187.99 8.60 -22.35	208.79 7.07 -39.64	209.28 7.23 -25.43	273.12 11.67 -20.26	460.97 21.48 -182.34	288.61 19.29 -33.74	232.21 18.61 0.00	240.69 23.45 0.00	214.22 23.29 -0.17	198.28 16.42 -2.27	185.53 11.91 -1.59
SOUTHOLD___IC 23719	107.53 3.27 -28.45	121.62 2.86 -43.24	107.09 2.27 -47.96	105.50 2.62 -31.29	119.46 2.59 -31.84	127.98 3.36 -28.44	153.20 5.04 -34.94	209.38 6.57 -52.10	139.13 2.39 -1.04	184.73 7.39 -17.90	181.16 8.18 -26.03	150.17 7.38 -7.21	194.21 7.73 -41.27	187.99 8.61 -22.35	208.79 7.07 -39.64	209.27 7.22 -25.43	273.10 11.66 -20.26	461.20 21.71 -182.34	288.63 19.31 -33.75	232.21 18.61 0.00	240.71 23.47 0.00	214.22 23.28 -0.17	198.27 16.42 -2.27	185.56 11.94 -1.59
SOUTH_FORK_WT_PWR 323839	106.30 2.05 -28.45	120.41 1.65 -43.24	106.16 1.34 -47.96	104.32 1.43 -31.29	118.06 1.19 -31.84	126.40 1.78 -28.44	151.38 3.22 -34.94	207.15 4.33 -52.10	138.58 1.84 -1.04	182.41 5.06 -17.90	179.13 6.15 -26.03	148.32 5.52 -7.21	192.02 5.54 -41.28	185.57 6.18 -22.35	206.34 4.61 -39.65	206.61 4.56 -25.43	271.86 10.42 -20.26	461.71 22.23 -182.34	288.47 19.15 -33.74	232.14 18.54 0.00	241.46 24.22 0.00	214.94 24.00 -0.17	197.37 15.51 -2.27	184.23 10.61 -1.59
SPIERFLS_115KV_TB 1 80737	81.32 5.52 0.00	81.14 5.62 0.00	61.09 4.23 0.00	76.93 5.33 0.00	91.28 6.24 0.00	103.55 7.36 0.00	122.78 9.56 0.00	163.25 12.53 0.00	145.94 10.24 0.00	170.68 11.24 0.00	157.33 10.38 0.00	144.72 9.13 0.00	155.17 9.97 0.00	167.94 10.90 0.00	174.26 12.19 0.00	190.52 13.90 0.00	260.98 19.79 0.00	277.81 20.67 0.00	254.81 19.23 0.00	231.60 18.00 0.00	236.32 19.08 0.00	207.99 16.14 -1.08	209.86 15.29 -14.97	186.73 14.23 -0.46
ST LAWRENCE____ 23600	76.75 0.94 0.00	76.32 0.80 0.00	57.32 0.46 0.00	72.01 0.41 0.00	85.83 0.79 0.00	96.82 0.64 0.00	113.35 0.13 0.00	150.90 0.18 0.00	136.14 0.44 0.00	159.90 0.46 0.00	147.34 0.39 0.00	135.91 0.33 0.00	145.85 0.64 0.00	157.68 0.64 0.00	162.77 0.69 0.00	177.33 0.71 0.00	242.32 1.13 0.00	257.51 0.37 0.00	235.83 0.25 0.00	213.51 -0.09 0.00	216.93 -0.31 0.00	190.33 -0.44 0.00	179.53 -0.06 0.00	172.21 0.17 0.00

STATE_CA_115KV_115_LB 55624	78.54 2.74 0.00	78.41 2.89 0.00	59.08 2.22 0.00	74.39 2.79 0.00	88.02 2.99 0.00	99.19 3.01 0.00	116.84 3.62 0.00	155.29 4.57 0.00	139.40 3.70 0.00	164.03 4.59 0.00	151.16 4.21 0.00	139.61 4.02 0.00	149.22 4.02 0.00	161.20 4.16 0.00	165.53 3.46 0.00	180.04 3.42 0.00	244.90 3.71 0.00	260.71 3.57 0.00	238.92 3.34 0.00	217.07 3.47 0.00	221.19 3.95 0.00	195.21 4.44 0.00	183.99 4.40 0.00	176.18 4.14 0.00
STATE_ST_34_KV_LOAD 55959	74.24 -1.56 0.00	74.11 -1.40 0.00	55.86 -1.00 0.00	70.43 -1.17 0.00	83.85 -1.18 0.00	95.31 -0.87 0.00	112.74 -0.49 0.00	150.52 -0.19 0.00	136.10 0.40 0.00	159.54 0.10 0.00	145.72 -1.23 0.00	134.17 -1.41 0.00	143.83 -1.37 0.00	155.52 -1.52 0.00	160.68 -1.39 0.00	175.47 -1.15 0.00	241.38 0.20 0.00	258.94 1.80 0.00	236.11 0.53 0.00	213.64 0.04 0.00	217.76 0.52 0.00	189.91 -0.86 0.00	178.03 -1.56 0.00	170.87 -1.17 0.00
STATION_5_MISC_HYD 23604	72.01 -3.79 0.00	71.59 -3.93 0.00	54.10 -2.76 0.00	68.55 -3.05 0.00	82.54 -2.50 0.00	94.52 -1.66 0.00	110.06 -3.17 0.00	146.45 -4.26 0.00	132.27 -3.43 0.00	155.26 -4.18 0.00	141.79 -5.16 0.00	131.29 -4.30 0.00	140.56 -4.64 0.00	151.81 -5.23 0.00	156.72 -5.36 0.00	169.71 -6.01 0.90	231.51 -5.72 3.96	244.80 -5.01 7.33	229.74 -5.83 0.00	207.38 -6.22 0.00	210.07 -7.16 0.00	182.83 -7.94 0.00	172.22 -7.36 0.00	162.21 -6.36 3.46
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	72.69 -3.11 0.00	72.34 -3.18 0.00	54.61 -2.25 0.00	69.11 -2.49 0.00	82.91 -2.13 0.00	94.66 -1.52 0.00	110.88 -2.35 0.00	147.77 -2.95 0.00	133.36 -2.34 0.00	156.50 -2.94 0.00	143.19 -3.76 0.00	132.35 -3.24 0.00	141.60 -3.60 0.00	153.06 -3.98 0.00	158.13 -3.95 0.00	172.31 -4.31 0.00	237.44 -3.75 0.00	254.36 -2.78 0.00	232.08 -3.49 0.00	209.64 -3.96 0.00	212.64 -4.59 0.00	185.29 -5.48 0.00	174.21 -5.37 0.00	167.31 -4.72 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	71.44 -4.37 0.00	71.04 -4.47 0.00	53.66 -3.20 0.00	67.95 -3.65 0.00	81.67 -3.37 0.00	93.36 -2.82 0.00	109.01 -4.22 0.00	144.99 -5.73 0.00	130.95 -4.75 0.00	153.79 -5.65 0.00	140.63 -6.32 0.00	130.19 -5.40 0.00	139.33 -5.87 0.00	150.53 -6.51 0.00	155.50 -6.57 0.00	169.26 -7.36 0.00	233.26 -7.92 0.00	249.71 -7.43 0.00	227.73 -7.85 0.00	205.67 -7.93 0.00	208.45 -8.79 0.00	181.58 -9.19 0.00	170.89 -8.70 0.00	164.28 -7.75 0.00
STA_56___34_KV_BUS2 355983	71.44 -4.37 0.00	71.04 -4.47 0.00	53.66 -3.20 0.00	67.95 -3.65 0.00	81.67 -3.37 0.00	93.36 -2.82 0.00	109.01 -4.22 0.00	144.99 -5.73 0.00	130.95 -4.75 0.00	153.79 -5.65 0.00	140.63 -6.32 0.00	130.19 -5.40 0.00	139.33 -5.87 0.00	150.53 -6.51 0.00	155.50 -6.57 0.00	169.26 -7.36 0.00	233.26 -7.92 0.00	249.71 -7.43 0.00	227.73 -7.85 0.00	205.67 -7.93 0.00	208.45 -8.79 0.00	181.58 -9.19 0.00	170.89 -8.70 0.00	164.28 -7.75 0.00
STA_67___115KV_BK2 355882	71.87 -3.93 0.00	71.46 -4.06 0.00	54.00 -2.86 0.00	68.43 -3.17 0.00	82.39 -2.65 0.00	94.32 -1.87 0.00	109.80 -3.42 0.00	146.06 -4.66 0.00	131.91 -3.79 0.00	154.92 -4.52 0.00	141.45 -5.50 0.00	130.94 -4.65 0.00	140.21 -4.99 0.00	151.41 -5.62 0.00	156.37 -5.71 0.00	170.16 -6.46 0.00	234.75 -6.44 0.00	251.49 -5.66 0.00	229.20 -6.37 0.00	206.88 -6.72 0.00	209.62 -7.62 0.00	182.49 -8.28 0.00	171.85 -7.74 0.00	165.43 -6.60 0.00
STA_7___115KV_9TRANS 80674	72.33 -3.47 0.00	71.92 -3.60 0.00	54.33 -2.53 0.00	68.86 -2.74 0.00	82.92 -2.12 0.00	94.97 -1.21 0.00	110.62 -2.61 0.00	147.23 -3.49 0.00	133.00 -2.70 0.00	156.13 -3.32 0.00	142.54 -4.41 0.00	132.02 -3.56 0.00	141.35 -3.85 0.00	152.61 -4.43 0.00	157.49 -4.59 0.00	171.33 -5.29 0.00	236.40 -4.79 0.00	253.28 -3.86 0.00	230.87 -4.71 0.00	208.41 -5.19 0.00	211.10 -6.13 0.00	183.70 -7.07 0.00	172.88 -6.70 0.00	166.32 -5.71 0.00
STA_82___115KV_TB1 80780	71.81 -3.99 0.00	71.41 -4.11 0.00	53.95 -2.91 0.00	68.37 -3.23 0.00	82.31 -2.73 0.00	94.24 -1.95 0.00	109.70 -3.53 0.00	145.91 -4.81 0.00	131.78 -3.92 0.00	154.72 -4.72 0.00	141.29 -5.66 0.00	130.79 -4.79 0.00	140.04 -5.16 0.00	151.24 -5.80 0.00	156.18 -5.90 0.00	169.97 -6.65 0.00	234.54 -6.64 0.00	251.24 -5.90 0.00	229.01 -6.57 0.00	206.72 -6.88 0.00	209.42 -7.82 0.00	182.30 -8.47 0.00	171.68 -7.90 0.00	165.29 -6.74 0.00
STEEL___WIND 323596	69.61 -6.20 0.00	69.22 -6.29 0.00	52.31 -4.55 0.00	66.43 -5.17 0.00	80.74 -4.30 0.00	93.07 -3.12 0.00	107.47 -5.75 0.00	142.87 -7.85 0.00	129.09 -6.61 0.00	151.74 -7.70 0.00	138.78 -8.17 0.00	128.99 -6.59 0.00	137.91 -7.29 0.00	148.85 -8.19 0.00	153.77 -8.30 0.00	164.77 -9.75 2.10	221.76 -10.25 9.19	230.38 -9.77 16.99	224.59 -10.99 0.00	202.61 -10.99 0.00	205.14 -12.10 0.00	177.86 -12.91 0.00	168.06 -11.53 0.00	155.10 -8.91 8.02
STEPHTWN_115KV_BK_2 55603	78.66 2.86 0.00	78.37 2.86 0.00	59.11 2.25 0.00	74.48 2.88 0.00	88.33 3.29 0.00	99.66 3.48 0.00	117.59 4.36 0.00	156.12 5.40 0.00	139.96 4.26 0.00	164.54 5.09 0.00	151.19 4.24 0.00	139.90 4.31 0.00	149.48 4.28 0.00	161.42 4.38 0.00	166.32 4.24 0.00	181.49 4.87 0.00	247.61 6.43 0.00	263.40 6.26 0.00	241.38 5.80 0.00	219.43 5.83 0.00	223.59 6.35 0.00	193.58 6.22 3.42	138.13 5.99 47.44	176.15 5.57 1.45
STEBEN_REC_LFGE 323667	69.62 -6.18 0.00	69.53 -5.99 0.00	52.57 -4.29 0.00	66.47 -5.13 0.00	80.55 -4.48 0.00	94.65 -1.54 0.00	112.87 -0.35 0.00	160.83 10.12 0.00	144.44 8.75 0.00	168.30 8.85 0.00	153.87 6.93 0.00	142.35 6.76 0.00	150.89 5.69 0.00	161.21 4.16 0.00	162.60 0.53 0.00	178.75 2.13 0.00	249.14 7.95 0.00	268.66 11.52 0.00	246.03 10.45 0.00	222.88 9.28 0.00	226.51 9.27 0.00	197.25 6.48 0.00	183.83 4.25 0.00	175.76 3.73 0.00
STILLWATER___SOLAR 323814	80.04 4.24 0.00	79.85 4.33 0.00	60.16 3.30 0.00	75.75 4.15 0.00	89.83 4.79 0.00	101.67 5.48 0.00	120.30 7.07 0.00	159.85 9.13 0.00	143.09 7.39 0.00	167.65 8.21 0.00	154.54 7.59 0.00	142.28 6.69 0.00	152.39 7.19 0.00	165.05 8.00 0.00	170.88 8.80 0.00	186.72 10.10 0.00	255.19 14.01 0.00	271.69 14.55 0.00	249.20 13.62 0.00	226.43 12.84 0.00	230.66 13.42 0.00	203.94 11.89 -1.28	208.66 11.27 -17.80	183.14 10.55 -0.55
STONY___BROOK 24151	108.67 4.23 -28.63	122.87 3.83 -43.53	108.18 3.05 -48.27	106.66 3.57 -31.49	120.58 3.49 -32.04	128.77 3.96 -28.62	152.58 5.43 -33.93	206.43 6.94 -48.77	142.08 5.63 -0.75	182.84 7.60 -15.80	178.13 8.29 -22.89	149.21 7.49 -6.14	191.97 8.33 -38.44	185.55 8.68 -19.83	206.03 7.67 -36.29	207.35 7.83 -22.91	266.86 6.96 -18.70	453.75 13.07 -183.53	283.05 13.47 -34.00	226.79 13.19 0.00	232.03 14.80 0.00	205.37 14.43 -0.17	193.65 11.79 -2.27	182.27 9.06 -1.17
STURGEON_POOL_HYD 23609	78.06 2.25 0.00	77.91 2.40 0.00	58.68 1.82 0.00	73.82 2.21 0.00	87.05 2.02 0.00	98.57 2.39 0.00	116.79 3.57 0.00	155.43 4.71 0.00	139.90 4.20 0.00	164.74 5.30 0.00	152.82 5.87 0.00	140.95 5.36 0.00	151.07 5.87 0.00	163.63 6.59 0.00	168.78 6.71 0.00	184.11 7.49 0.00	250.83 9.64 0.00	268.86 11.72 0.00	246.49 10.91 0.00	223.80 10.20 0.00	227.73 10.49 0.00	199.98 9.51 0.30	183.31 7.82 4.11	178.60 6.69 0.13

ST_LAW_115_BK7_LBMP 345037	76.84 1.03 0.00	76.42 0.91 0.00	57.40 0.54 0.00	72.12 0.52 0.00	85.94 0.90 0.00	96.98 0.80 0.00	113.44 0.21 0.00	150.91 0.20 0.00	136.14 0.44 0.00	159.89 0.44 0.00	147.30 0.35 0.00	135.84 0.25 0.00	145.82 0.62 0.00	157.67 0.63 0.00	162.68 0.61 0.00	177.24 0.62 0.00	242.26 1.07 0.00	257.38 0.23 0.00	235.61 0.03 0.00	213.37 -0.23 0.00	216.75 -0.49 0.00	190.18 -0.58 0.00	179.47 -0.12 0.00	172.16 0.13 0.00
ST_LAW_115_BK8_LBMP 345038	76.84 1.03 0.00	76.42 0.91 0.00	57.40 0.54 0.00	72.12 0.52 0.00	85.94 0.90 0.00	96.98 0.80 0.00	113.44 0.21 0.00	150.91 0.20 0.00	136.14 0.44 0.00	159.89 0.44 0.00	147.30 0.35 0.00	135.84 0.25 0.00	145.82 0.62 0.00	157.67 0.63 0.00	162.68 0.61 0.00	177.24 0.62 0.00	242.26 1.07 0.00	257.38 0.23 0.00	235.61 0.03 0.00	213.37 -0.23 0.00	216.75 -0.49 0.00	190.18 -0.58 0.00	179.47 -0.12 0.00	172.16 0.13 0.00
ST_LAW_230_BK5_LBMP 345035	76.75 0.94 0.00	76.32 0.80 0.00	57.32 0.46 0.00	72.01 0.41 0.00	85.83 0.79 0.00	96.82 0.64 0.00	113.35 0.13 0.00	150.90 0.18 0.00	136.14 0.44 0.00	159.90 0.46 0.00	147.34 0.39 0.00	135.91 0.33 0.00	145.85 0.64 0.00	157.68 0.64 0.00	162.77 0.69 0.00	177.33 0.71 0.00	242.32 1.13 0.00	257.51 0.37 0.00	235.83 0.25 0.00	213.51 -0.09 0.00	216.93 -0.31 0.00	190.33 -0.44 0.00	179.53 -0.06 0.00	172.21 0.17 0.00
ST_LAW_230_BK6_LBMP 345036	76.75 0.94 0.00	76.32 0.80 0.00	57.32 0.46 0.00	72.01 0.41 0.00	85.83 0.79 0.00	96.82 0.64 0.00	113.35 0.13 0.00	150.90 0.18 0.00	136.14 0.44 0.00	159.90 0.46 0.00	147.34 0.39 0.00	135.91 0.33 0.00	145.85 0.64 0.00	157.68 0.64 0.00	162.77 0.69 0.00	177.33 0.71 0.00	242.32 1.13 0.00	257.51 0.37 0.00	235.83 0.25 0.00	213.51 -0.09 0.00	216.93 -0.31 0.00	190.33 -0.44 0.00	179.53 -0.06 0.00	172.21 0.17 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	77.56 1.76 0.00	77.33 1.81 0.00	58.23 1.37 0.00	73.21 1.61 0.00	86.36 1.33 0.00	97.93 1.74 0.00	115.99 2.76 0.00	154.23 3.52 0.00	138.74 3.04 0.00	163.44 4.00 0.00	151.61 4.66 0.00	139.83 4.24 0.00	149.77 4.57 0.00	162.20 5.15 0.00	167.25 5.18 0.00	182.41 5.79 0.00	248.59 7.40 0.00	266.20 9.06 0.00	243.87 8.29 0.00	221.39 7.79 0.00	225.41 8.18 0.00	198.46 7.55 -0.13	187.49 6.03 -1.88	177.02 4.92 -0.06
SWANROAD_115KV_TB1 355699	67.74 -8.06 0.00	67.24 -8.27 0.00	50.77 -6.09 0.00	64.47 -7.13 0.00	78.43 -6.60 0.00	90.01 -6.18 0.00	103.15 -10.08 0.00	136.72 -14.00 0.00	123.68 -12.02 0.00	145.45 -13.99 0.00	132.82 -14.13 0.00	123.21 -12.38 0.00	131.96 -13.24 0.00	142.56 -14.48 0.00	147.04 -15.03 0.00	159.29 -17.33 0.00	220.44 -20.75 0.00	236.37 -20.77 0.00	214.62 -20.96 0.00	193.28 -20.32 0.00	195.58 -21.66 0.00	169.54 -21.23 0.00	161.12 -18.47 0.00	157.61 -14.43 0.00
SYNERGY___BIOGAS 323694	71.26 -4.55 0.00	70.79 -4.73 0.00	53.51 -3.35 0.00	67.93 -3.67 0.00	82.12 -2.92 0.00	93.76 -2.43 0.00	107.37 -5.86 0.00	142.91 -7.81 0.00	129.22 -6.48 0.00	151.39 -8.05 0.00	137.76 -9.19 0.00	127.51 -8.08 0.00	136.29 -8.91 0.00	147.22 -9.82 0.00	152.03 -10.04 0.00	165.62 -11.00 0.00	230.48 -10.71 0.00	247.98 -9.16 0.00	225.32 -10.25 0.00	203.08 -10.53 0.00	205.39 -11.85 0.00	178.01 -12.76 0.00	168.05 -11.54 0.00	162.84 -9.20 0.00
SYRACUSE___ENERGY_ST1 323597	73.91 -1.89 0.00	73.61 -1.91 0.00	55.52 -1.34 0.00	69.96 -1.64 0.00	83.19 -1.85 0.00	94.42 -1.77 0.00	111.02 -2.21 0.00	148.00 -2.72 0.00	134.32 -1.37 0.00	157.55 -1.89 0.00	144.74 -2.21 0.00	133.48 -2.11 0.00	142.77 -2.43 0.00	154.37 -2.67 0.00	159.43 -2.65 0.00	173.95 -2.67 0.00	238.47 -2.72 0.00	255.34 -1.80 0.00	233.62 -1.96 0.00	211.68 -1.92 0.00	215.12 -2.12 0.00	188.26 -2.51 0.00	176.65 -2.93 0.00	169.15 -2.89 0.00
SYRACUSE___ENERGY_ST2 323598	73.91 -1.89 0.00	73.61 -1.91 0.00	55.52 -1.34 0.00	69.96 -1.64 0.00	83.19 -1.85 0.00	94.42 -1.77 0.00	111.02 -2.21 0.00	148.00 -2.72 0.00	134.32 -1.37 0.00	157.55 -1.89 0.00	144.74 -2.21 0.00	133.48 -2.11 0.00	142.77 -2.43 0.00	154.37 -2.67 0.00	159.43 -2.65 0.00	173.95 -2.67 0.00	238.47 -2.72 0.00	255.34 -1.80 0.00	233.62 -1.96 0.00	211.68 -1.92 0.00	215.12 -2.12 0.00	188.26 -2.51 0.00	176.65 -2.93 0.00	169.15 -2.89 0.00
SYRACUSE___POWER 24017	73.92 -1.88 0.00	73.60 -1.92 0.00	55.59 -1.28 0.00	70.11 -1.49 0.00	83.47 -1.57 0.00	94.79 -1.40 0.00	111.70 -1.52 0.00	148.91 -1.80 0.00	134.52 -1.18 0.00	157.81 -1.63 0.00	145.06 -1.90 0.00	133.84 -1.75 0.00	143.11 -2.09 0.00	154.78 -2.26 0.00	159.82 -2.26 0.00	174.44 -2.18 0.00	239.10 -2.09 0.00	255.85 -1.29 0.00	234.15 -1.43 0.00	212.14 -1.46 0.00	215.68 -1.55 0.00	188.77 -2.00 0.00	176.92 -2.66 0.00	169.29 -2.75 0.00
TALLMAN__138KV_BK151 55660	77.61 1.81 0.00	77.37 1.85 0.00	58.24 1.37 0.00	73.19 1.59 0.00	86.26 1.22 0.00	97.94 1.75 0.00	116.09 2.87 0.00	154.31 3.59 0.00	138.84 3.15 0.00	163.78 4.34 0.00	152.04 5.08 0.00	140.24 4.65 0.00	150.32 5.12 0.00	162.76 5.72 0.00	167.65 5.58 0.00	182.85 6.23 0.00	249.12 7.94 0.00	266.95 9.81 0.00	244.40 8.82 0.00	222.03 8.43 0.00	226.12 8.88 0.00	199.06 8.14 -0.15	188.00 6.37 -2.04	177.24 5.14 -0.06
TEALLAVE_115KV_TB7 355573	73.54 -2.27 0.00	73.20 -2.31 0.00	55.21 -1.64 0.00	69.63 -1.97 0.00	82.89 -2.14 0.00	94.13 -2.05 0.00	110.92 -2.31 0.00	147.85 -2.86 0.00	133.37 -2.33 0.00	156.56 -2.88 0.00	143.97 -2.98 0.00	132.86 -2.72 0.00	142.13 -3.08 0.00	153.68 -3.36 0.00	158.67 -3.40 0.00	173.03 -3.59 0.00	237.09 -4.10 0.00	253.56 -3.58 0.00	232.03 -3.55 0.00	210.22 -3.38 0.00	213.67 -3.57 0.00	187.13 -3.64 0.00	175.76 -3.83 0.00	168.20 -3.84 0.00
TELGRAPH_34_KV_EAST 80808	69.32 -6.49 0.00	68.84 -6.68 0.00	52.02 -4.84 0.00	66.08 -5.52 0.00	80.18 -4.86 0.00	92.02 -4.17 0.00	105.79 -7.44 0.00	140.64 -10.08 0.00	127.18 -8.52 0.00	149.39 -10.06 0.00	136.27 -10.68 0.00	126.26 -9.33 0.00	135.09 -10.11 0.00	145.96 -11.08 0.00	150.57 -11.50 0.00	163.41 -13.21 0.00	226.66 -14.52 0.00	243.32 -13.83 0.00	221.01 -14.56 0.00	199.26 -14.34 0.00	201.60 -15.63 0.00	174.74 -16.03 0.00	165.43 -14.16 0.00	161.06 -10.98 0.00
TEMPLE___115KV_TB 2 55572	73.55 -2.25 0.00	73.23 -2.29 0.00	55.23 -1.63 0.00	69.64 -1.96 0.00	82.93 -2.11 0.00	94.16 -2.02 0.00	110.97 -2.26 0.00	147.91 -2.81 0.00	133.42 -2.28 0.00	156.59 -2.85 0.00	144.03 -2.92 0.00	132.96 -2.63 0.00	142.17 -3.03 0.00	153.76 -3.28 0.00	158.78 -3.30 0.00	173.17 -3.45 0.00	237.25 -3.93 0.00	253.71 -3.43 0.00	232.20 -3.37 0.00	210.40 -3.20 0.00	213.82 -3.42 0.00	187.25 -3.52 0.00	175.83 -3.76 0.00	168.25 -3.79 0.00
TIANA____69_KV_BK 1 55817	108.48 4.22 -28.45	122.58 3.82 -43.24	107.83 3.01 -47.96	106.41 3.52 -31.29	120.46 3.58 -31.84	128.95 4.33 -28.44	154.24 6.08 -34.94	210.71 7.89 -52.10	142.50 5.75 -1.04	185.65 8.31 -17.90	181.96 8.98 -26.03	150.82 8.03 -7.21	195.32 8.84 -41.27	189.09 9.70 -22.35	209.91 8.20 -39.65	210.25 8.20 -25.43	270.37 8.92 -20.26	455.53 16.05 -182.34	284.91 15.59 -33.74	228.73 15.13 0.00	235.73 18.49 0.00	210.09 19.15 -0.17	196.94 15.08 -2.27	184.90 11.27 -1.59

TILDEN___115KV_TB1 80814	73.92 -1.88 0.00	73.60 -1.92 0.00	55.59 -1.28 0.00	70.11 -1.49 0.00	83.47 -1.57 0.00	94.79 -1.40 0.00	111.70 -1.52 0.00	148.91 -1.80 0.00	134.52 -1.18 0.00	157.81 -1.63 0.00	145.06 -1.90 0.00	133.84 -1.75 0.00	143.11 -2.09 0.00	154.78 -2.26 0.00	159.82 -2.26 0.00	174.44 -2.18 0.00	239.10 -2.09 0.00	255.85 -1.29 0.00	234.15 -1.43 0.00	212.14 -1.46 0.00	215.68 -1.55 0.00	188.77 -2.00 0.00	176.92 -2.66 0.00	169.29 -2.75 0.00
TRIGEN___CC 323695	129.79 3.27 -50.72	155.70 3.09 -77.10	144.78 2.43 -85.50	130.22 2.84 -55.78	144.40 2.61 -56.76	149.85 2.96 -50.70	171.82 4.07 -54.53	225.83 5.29 -69.83	140.41 4.70 0.00	183.59 6.16 -17.99	179.34 6.80 -25.59	147.78 6.35 -5.84	206.21 6.93 -54.08	187.79 7.61 -23.14	217.50 7.46 -47.97	213.24 8.17 -28.45	278.49 10.12 -27.19	595.61 13.72 -324.75	312.33 13.42 -63.33	226.61 13.00 0.00	230.73 13.49 0.00	203.22 12.29 -0.17	191.27 9.41 -2.27	179.25 7.14 -0.07
TRINITY___115KV___4 BK 55933	78.14 2.34 0.00	78.01 2.50 0.00	58.80 1.93 0.00	74.03 2.43 0.00	87.57 2.54 0.00	98.67 2.49 0.00	116.19 2.97 0.00	154.38 3.67 0.00	138.56 2.86 0.00	163.05 3.61 0.00	150.30 3.35 0.00	138.77 3.19 0.00	148.32 3.12 0.00	160.22 3.18 0.00	164.60 2.52 0.00	179.08 2.46 0.00	243.62 2.43 0.00	259.17 2.03 0.00	237.57 1.99 0.00	215.84 2.24 0.00	220.01 2.77 0.00	193.50 3.48 0.75	172.76 3.61 10.44	175.11 3.40 0.32
UNION___PROCESSING_DRP 323587	71.84 -3.97 0.00	71.42 -4.10 0.00	53.97 -2.89 0.00	68.40 -3.20 0.00	82.36 -2.68 0.00	94.26 -1.92 0.00	109.75 -3.48 0.00	145.92 -4.80 0.00	131.84 -3.86 0.00	154.77 -4.67 0.00	141.35 -5.60 0.00	130.82 -4.76 0.00	140.07 -5.13 0.00	151.27 -5.77 0.00	156.22 -5.85 0.00	170.02 -6.61 0.00	234.73 -6.46 0.00	251.37 -5.78 0.00	229.11 -6.47 0.00	206.81 -6.79 0.00	209.57 -7.67 0.00	182.38 -8.39 0.00	171.76 -7.83 0.00	165.32 -6.71 0.00
UPPER HUDSON___HYD 24058	81.33 5.52 0.00	81.14 5.63 0.00	61.09 4.23 0.00	76.93 5.33 0.00	91.28 6.24 0.00	103.55 7.36 0.00	122.78 9.55 0.00	163.23 12.52 0.00	145.94 10.24 0.00	170.68 11.24 0.00	157.33 10.38 0.00	144.72 9.13 0.00	155.17 9.96 0.00	167.95 10.91 0.00	174.26 12.18 0.00	190.54 13.92 0.00	260.97 19.78 0.00	277.81 20.67 0.00	254.81 19.23 0.00	231.59 17.99 0.00	236.32 19.08 0.00	207.99 16.14 -1.08	209.85 15.29 -14.97	186.72 14.22 -0.46
UPPER RAQUET___HYD 24056	77.67 1.87 0.00	77.15 1.64 0.00	57.95 1.09 0.00	72.85 1.25 0.00	86.68 1.65 0.00	98.08 1.89 0.00	114.30 1.07 0.00	152.67 1.96 0.00	137.99 2.29 0.00	161.86 2.42 0.00	148.93 1.99 0.00	138.64 3.06 0.00	147.90 2.70 0.00	157.63 0.58 0.00	162.97 0.90 0.00	177.60 0.98 0.00	242.79 1.60 0.00	258.20 1.05 0.00	236.52 0.94 0.00	214.35 0.75 0.00	217.51 0.27 0.00	190.62 -0.15 0.00	180.78 1.19 0.00	174.15 2.11 0.00
VALLEY44_115KV_TB2 355964	70.00 -5.80 0.00	69.89 -5.62 0.00	52.88 -3.98 0.00	67.07 -4.53 0.00	80.91 -4.13 0.00	93.25 -2.93 0.00	108.24 -4.98 0.00	144.13 -6.59 0.00	129.84 -5.86 0.00	153.09 -6.35 0.00	140.66 -6.29 0.00	131.01 -4.58 0.00	139.85 -5.35 0.00	150.99 -6.05 0.00	155.88 -6.19 0.00	169.53 -7.09 0.00	234.50 -6.69 0.00	250.12 -7.03 0.00	227.48 -8.09 0.00	205.80 -7.80 0.00	209.05 -8.19 0.00	182.33 -8.44 0.00	171.71 -7.88 0.00	165.42 -6.62 0.00
VALLEY___115KV_TB 1-4 80826	78.81 3.01 0.00	78.64 3.12 0.00	59.19 2.33 0.00	74.46 2.86 0.00	88.34 3.30 0.00	100.47 4.28 0.00	118.99 5.77 0.00	158.89 8.18 0.00	142.01 6.31 0.00	165.62 6.18 0.00	152.31 5.36 0.00	140.48 4.89 0.00	150.15 4.95 0.00	162.51 5.47 0.00	168.55 6.47 0.00	185.07 8.45 0.00	253.72 12.53 0.00	271.21 14.07 0.00	248.48 12.91 0.00	225.49 11.89 0.00	229.53 12.29 0.00	201.79 11.02 0.00	189.90 10.31 0.00	181.83 9.79 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	79.42 3.62 0.00	79.40 3.88 0.00	59.81 2.94 0.00	75.59 3.99 0.00	89.71 4.67 0.00	101.85 5.66 0.00	120.70 7.48 0.00	160.90 10.18 0.00	144.51 8.82 0.00	169.77 10.32 0.00	156.72 9.77 0.00	144.50 8.92 0.00	153.84 8.63 0.00	166.98 9.94 0.00	172.62 10.55 0.00	188.77 12.15 0.00	258.30 17.12 0.00	275.91 18.77 0.00	253.19 17.61 0.00	229.69 16.09 0.00	233.53 16.29 0.00	204.92 14.15 0.00	192.53 12.94 0.00	184.16 12.12 0.00
VISCHER___FERRY HYD 24020	78.88 3.07 0.00	78.71 3.19 0.00	59.31 2.45 0.00	74.67 3.07 0.00	88.41 3.38 0.00	99.84 3.65 0.00	117.89 4.67 0.00	156.65 5.93 0.00	140.49 4.79 0.00	165.23 5.79 0.00	152.42 5.47 0.00	140.51 4.92 0.00	150.43 5.23 0.00	162.73 5.69 0.00	167.86 5.79 0.00	182.88 6.26 0.00	249.26 8.07 0.00	264.88 7.74 0.00	243.13 7.55 0.00	221.13 7.52 0.00	225.35 8.11 0.00	200.55 7.85 -1.93	214.09 7.69 -26.81	180.01 7.15 -0.82
V_A_10_SYNC_DSASP 323832	69.35 -6.45 0.00	68.95 -6.56 0.00	52.14 -4.72 0.00	66.20 -5.40 0.00	80.08 -4.95 0.00	91.85 -4.34 0.00	106.05 -7.18 0.00	140.35 -10.36 0.00	126.94 -8.76 0.00	149.39 -10.05 0.00	136.25 -10.70 0.00	126.47 -9.12 0.00	135.40 -9.81 0.00	146.14 -10.90 0.00	150.84 -11.23 0.00	163.67 -12.95 0.00	225.95 -15.24 0.00	241.75 -15.39 0.00	219.99 -15.59 0.00	198.39 -15.21 0.00	201.01 -16.23 0.00	174.76 -16.01 0.00	165.25 -14.34 0.00	159.94 -12.10 0.00
V_CMM_10_SYNC_DSASP 323787	77.25 1.45 0.00	76.83 1.32 0.00	57.70 0.84 0.00	72.49 0.89 0.00	86.40 1.37 0.00	97.43 1.24 0.00	113.94 0.72 0.00	150.73 0.01 0.00	135.74 0.04 0.00	159.41 -0.04 0.00	146.83 -0.12 0.00	135.43 -0.16 0.00	145.38 0.18 0.00	157.18 0.15 0.00	162.20 0.12 0.00	176.68 0.06 0.00	241.57 0.38 0.00	256.62 -0.52 0.00	234.90 -0.67 0.00	212.73 -0.87 0.00	216.10 -1.14 0.00	189.61 -1.16 0.00	178.93 -0.66 0.00	171.65 -0.39 0.00
V_CMP_10_SYNC_DSASP 323788	77.83 2.02 0.00	77.68 2.17 0.00	58.07 1.21 0.00	72.15 0.55 0.00	85.96 0.92 0.00	96.50 0.32 0.00	112.75 -0.48 0.00	151.42 0.71 0.00	137.63 1.93 0.00	162.05 2.61 0.00	149.62 2.67 0.00	138.21 2.62 0.00	148.84 3.64 0.00	161.30 4.27 0.00	166.83 4.76 0.00	181.36 4.74 0.00	248.04 6.85 0.00	262.70 5.56 0.00	240.27 4.70 0.00	217.56 3.96 0.00	219.88 2.65 0.00	192.58 1.81 0.00	182.31 2.72 0.00	174.95 2.91 0.00
V_D_10_SYNC_DSASP 323841	77.67 1.86 0.00	77.24 1.72 0.00	58.00 1.14 0.00	72.89 1.29 0.00	86.87 1.84 0.00	98.10 1.92 0.00	114.67 1.44 0.00	152.78 2.06 0.00	137.94 2.24 0.00	161.91 2.47 0.00	149.11 2.16 0.00	137.51 1.92 0.00	147.61 2.41 0.00	159.53 2.49 0.00	164.52 2.45 0.00	179.30 2.68 0.00	245.11 3.93 0.00	260.38 3.24 0.00	238.44 2.86 0.00	215.93 2.33 0.00	219.36 2.12 0.00	192.41 1.64 0.00	181.62 2.04 0.00	174.34 2.31 0.00
V_E_10_SYNC_DSASP 323830	78.67 2.86 0.00	77.36 1.85 0.00	57.26 0.40 0.00	71.96 0.36 0.00	86.19 1.16 0.00	98.87 2.69 0.00	119.35 6.12 0.00	164.01 13.30 0.00	157.61 21.91 0.00	183.17 23.73 0.00	158.72 11.77 0.00	146.28 10.69 0.00	155.88 10.68 0.00	167.74 10.70 0.00	174.06 11.98 0.00	191.99 15.37 0.00	266.18 24.99 0.00	287.76 30.62 0.00	263.38 27.81 0.00	237.98 24.38 0.00	241.48 24.24 0.00	211.29 20.52 0.00	197.41 17.82 0.00	187.15 15.11 0.00

V_F_30_NSYNC___DSASP 323816	80.08 4.28 0.00	79.88 4.37 0.00	60.17 3.31 0.00	75.81 4.21 0.00	89.88 4.84 0.00	101.74 5.55 0.00	120.39 7.16 0.00	159.97 9.25 0.00	143.23 7.53 0.00	167.84 8.40 0.00	154.74 7.80 0.00	142.52 6.94 0.00	152.63 7.43 0.00	165.26 8.22 0.00	171.05 8.97 0.00	186.91 10.29 0.00	255.42 14.23 0.00	272.08 14.94 0.00	249.50 13.92 0.00	226.65 13.05 0.00	230.85 13.62 0.00	203.99 12.03 -1.19	207.53 11.40 -16.54	183.20 10.65 -0.51
V_F_30_SYNC_DSASP 323786	78.53 2.73 0.00	78.41 2.89 0.00	59.08 2.22 0.00	74.39 2.79 0.00	88.01 2.98 0.00	99.19 3.00 0.00	116.83 3.60 0.00	155.29 4.57 0.00	139.36 3.66 0.00	163.98 4.54 0.00	151.16 4.21 0.00	139.57 3.99 0.00	149.19 3.99 0.00	161.14 4.10 0.00	165.49 3.42 0.00	180.00 3.38 0.00	244.90 3.71 0.00	260.64 3.50 0.00	238.87 3.29 0.00	217.02 3.42 0.00	221.17 3.93 0.00	195.10 4.44 0.11	182.51 4.40 1.48	176.08 4.09 0.05
V_XM_10_SYNC_DSASP 323789	77.83 2.02 0.00	77.68 2.17 0.00	58.07 1.21 0.00	72.15 0.55 0.00	85.96 0.92 0.00	96.50 0.32 0.00	112.75 -0.48 0.00	151.42 0.71 0.00	137.63 1.93 0.00	162.05 2.61 0.00	149.62 2.67 0.00	138.21 2.62 0.00	148.84 3.64 0.00	161.30 4.27 0.00	166.83 4.76 0.00	181.36 4.74 0.00	248.04 6.85 0.00	262.70 5.56 0.00	240.27 4.70 0.00	217.56 3.96 0.00	219.88 2.65 0.00	192.58 1.81 0.00	182.31 2.72 0.00	174.95 2.91 0.00
W.BABYLN_69_KV_BK1 56697	112.75 4.47 -32.48	128.97 4.09 -49.37	114.87 3.25 -54.75	111.17 3.85 -35.72	125.18 3.80 -36.35	132.96 4.30 -32.47	155.17 5.87 -36.07	206.69 7.83 -48.15	142.55 6.57 -0.28	181.58 8.55 -13.59	175.43 8.99 -19.49	148.51 8.14 -4.78	191.97 9.23 -37.53	184.46 10.11 -17.30	205.93 9.75 -34.10	208.06 10.70 -20.73	273.57 13.52 -18.86	484.99 20.28 -207.57	294.29 19.66 -39.05	232.22 18.62 0.00	236.54 19.30 0.00	208.43 17.49 -0.17	195.80 13.95 -2.27	183.32 10.71 -0.57
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	78.02 2.21 0.00	77.77 2.26 0.00	58.55 1.69 0.00	73.58 1.98 0.00	86.76 1.72 0.00	98.46 2.28 0.00	116.76 3.53 0.00	155.25 4.54 0.00	139.71 4.01 0.00	164.76 5.31 0.00	152.95 6.01 0.00	141.09 5.51 0.00	151.24 6.04 0.00	163.77 6.73 0.00	168.76 6.69 0.00	184.03 7.41 0.00	250.81 9.62 0.00	268.75 11.61 0.00	246.09 10.51 0.00	223.52 9.92 0.00	227.64 10.40 0.00	200.37 9.44 -0.15	189.19 7.51 -2.09	178.27 6.17 -0.06
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	78.31 2.50 0.00	78.09 2.57 0.00	58.78 1.92 0.00	73.86 2.26 0.00	86.97 1.94 0.00	98.60 2.42 0.00	116.90 3.67 0.00	155.48 4.76 0.00	140.04 4.34 0.00	165.33 5.89 0.00	153.68 6.73 0.00	141.83 6.24 0.00	152.17 6.97 0.00	164.68 7.64 0.00	169.53 7.45 0.00	184.83 8.21 0.00	251.97 10.78 0.00	270.09 12.95 0.00	247.24 11.67 0.00	224.47 10.87 0.00	228.44 11.20 0.00	201.08 10.15 -0.16	189.83 7.98 -2.27	178.61 6.50 -0.07
W50THST__13_KV_LOAD 356117	78.67 2.87 0.00	78.46 2.94 0.00	59.07 2.21 0.00	74.22 2.62 0.00	87.39 2.36 0.00	99.09 2.91 0.00	117.54 4.32 0.00	156.32 5.61 0.00	140.82 5.13 0.00	166.29 6.85 0.00	154.62 7.67 0.00	142.78 7.19 0.00	153.20 8.00 0.00	165.83 8.79 0.00	170.62 8.55 0.00	186.07 9.45 0.00	253.69 12.50 0.00	271.85 14.71 0.00	248.80 13.22 0.00	225.71 12.11 0.00	229.68 12.45 0.00	202.15 11.21 -0.16	190.77 8.92 -2.27	179.52 7.41 -0.07
WADING RIVER_IC_1 23522	108.48 4.24 -28.43	122.56 3.83 -43.22	107.82 3.03 -47.92	106.41 3.55 -31.26	120.41 3.55 -31.82	128.78 4.17 -28.42	153.98 5.80 -34.95	210.32 7.42 -52.18	142.31 5.55 -1.05	185.29 7.89 -17.95	181.64 8.57 -26.12	150.47 7.65 -7.24	195.01 8.46 -41.35	188.68 9.22 -22.42	209.18 7.37 -39.73	209.12 7.00 -25.50	265.94 4.46 -20.29	449.74 10.38 -182.23	279.90 10.61 -33.72	224.21 10.61 0.00	231.22 13.98 0.00	206.98 16.04 -0.17	195.40 13.54 -2.27	183.80 10.16 -1.60
WADING RIVER_IC_2 23547	108.48 4.24 -28.43	122.56 3.83 -43.22	107.82 3.03 -47.92	106.41 3.55 -31.26	120.41 3.55 -31.82	128.78 4.17 -28.42	153.98 5.80 -34.95	210.32 7.42 -52.18	142.31 5.55 -1.05	185.29 7.89 -17.95	181.64 8.57 -26.12	150.47 7.65 -7.24	195.01 8.46 -41.35	188.68 9.22 -22.42	209.18 7.37 -39.73	209.12 7.00 -25.50	265.94 4.46 -20.29	449.74 10.38 -182.23	279.90 10.61 -33.72	224.21 10.61 0.00	231.22 13.98 0.00	206.98 16.04 -0.17	195.40 13.54 -2.27	183.80 10.16 -1.60
WADING RIVER_IC_3 23601	108.48 4.24 -28.43	122.56 3.83 -43.22	107.82 3.03 -47.92	106.41 3.55 -31.26	120.41 3.55 -31.82	128.78 4.17 -28.42	153.98 5.80 -34.95	210.32 7.42 -52.18	142.31 5.55 -1.05	185.29 7.89 -17.95	181.64 8.57 -26.12	150.47 7.65 -7.24	195.01 8.46 -41.35	188.68 9.22 -22.42	209.18 7.37 -39.73	209.12 7.00 -25.50	265.94 4.46 -20.29	449.74 10.38 -182.23	279.90 10.61 -33.72	224.21 10.61 0.00	231.22 13.98 0.00	206.98 16.04 -0.17	195.40 13.54 -2.27	183.80 10.16 -1.60
WALDENNY_12_KV_BK2 80841	69.66 -6.14 0.00	69.27 -6.25 0.00	52.34 -4.52 0.00	66.50 -5.11 0.00	80.78 -4.26 0.00	93.04 -3.14 0.00	107.41 -5.82 0.00	142.76 -7.95 0.00	129.09 -6.61 0.00	151.77 -7.68 0.00	138.84 -8.11 0.00	129.00 -6.58 0.00	138.01 -7.19 0.00	148.94 -8.10 0.00	153.85 -8.22 0.00	166.91 -9.72 0.00	230.85 -10.34 0.00	247.51 -9.63 0.00	224.73 -10.85 0.00	202.66 -10.94 0.00	205.21 -12.03 0.00	177.86 -12.91 0.00	168.11 -11.48 0.00	163.30 -8.73 0.00
WALDEN__HYDRO 24148	78.07 2.27 0.00	77.89 2.37 0.00	58.66 1.80 0.00	73.76 2.16 0.00	87.01 1.97 0.00	98.61 2.42 0.00	116.83 3.60 0.00	155.44 4.72 0.00	139.76 4.06 0.00	164.62 5.18 0.00	152.57 5.62 0.00	140.69 5.10 0.00	150.75 5.55 0.00	163.28 6.24 0.00	168.45 6.37 0.00	183.79 7.17 0.00	250.58 9.39 0.00	268.55 11.41 0.00	246.14 10.56 0.00	223.50 9.90 0.00	227.55 10.31 0.00	200.21 9.33 -0.10	188.64 7.63 -1.42	178.52 6.44 -0.04
WARRENSBURG____ 23737	81.32 5.52 0.00	81.14 5.62 0.00	61.09 4.23 0.00	76.93 5.33 0.00	91.28 6.24 0.00	103.55 7.36 0.00	122.78 9.56 0.00	163.25 12.53 0.00	145.94 10.24 0.00	170.68 11.24 0.00	157.33 10.38 0.00	144.72 9.13 0.00	155.17 9.97 0.00	167.94 10.90 0.00	174.26 12.19 0.00	190.52 13.90 0.00	260.98 19.79 0.00	277.81 20.67 0.00	254.81 19.23 0.00	231.60 18.00 0.00	236.32 19.08 0.00	207.99 16.14 -1.08	209.86 15.29 -14.97	186.73 14.23 -0.46
WATERSIDE____6 8 9 23538	78.26 2.46 0.00	78.04 2.53 0.00	58.79 1.93 0.00	73.80 2.20 0.00	86.77 1.74 0.00	98.39 2.20 0.00	116.76 3.53 0.00	155.03 4.31 0.00	139.60 3.90 0.00	164.79 5.34 0.00	153.32 6.37 0.00	141.48 5.89 0.00	151.79 6.59 0.00	164.34 7.30 0.00	168.98 6.90 0.00	184.30 7.68 0.00	251.16 9.97 0.00	269.20 12.06 0.00	246.55 10.97 0.00	223.80 10.20 0.00	227.76 10.53 0.00	200.55 9.61 -0.16	189.23 7.37 -2.27	178.05 5.94 -0.07
WATKINRD_115KV_LN8_ILLION 55919	78.01 2.21 0.00	77.81 2.29 0.00	58.57 1.71 0.00	73.74 2.14 0.00	87.48 2.45 0.00	99.31 3.12 0.00	117.48 4.25 0.00	156.68 5.97 0.00	140.27 4.57 0.00	163.88 4.44 0.00	150.80 3.85 0.00	139.07 3.49 0.00	148.74 3.53 0.00	160.93 3.89 0.00	166.68 4.61 0.00	182.68 6.06 0.00	250.21 9.02 0.00	267.31 10.17 0.00	244.95 9.37 0.00	222.20 8.60 0.00	226.18 8.94 0.00	198.80 8.03 0.00	187.13 7.54 0.00	179.03 7.00 0.00

WDELAWARE___HYD 323627	76.79 0.98 0.00	76.63 1.12 0.00	57.75 0.89 0.00	72.66 1.06 0.00	85.79 0.75 0.00	97.25 1.06 0.00	115.36 2.13 0.00	153.59 2.88 0.00	138.06 2.37 0.00	162.14 2.70 0.00	150.08 3.13 0.00	138.43 2.85 0.00	148.18 2.98 0.00	160.44 3.40 0.00	165.59 3.51 0.00	181.16 4.54 0.00	247.64 6.46 0.00	265.66 8.52 0.00	243.57 8.00 0.00	221.12 7.52 0.00	225.01 7.77 0.00	197.69 6.92 0.00	184.85 5.26 0.00	176.20 4.16 0.00
WEST BABYLON___IC 23714	112.75 4.47 -32.48	128.97 4.09 -49.37	114.87 3.25 -54.75	111.17 3.85 -35.72	125.18 3.80 -36.35	132.96 4.30 -32.47	155.17 5.87 -36.07	206.69 7.83 -48.15	142.55 6.57 -0.28	181.58 8.55 -13.59	175.43 8.99 -19.49	148.51 8.14 -4.78	191.97 9.23 -37.53	184.46 10.11 -17.30	205.93 9.75 -34.10	208.06 10.70 -20.73	273.57 13.52 -18.86	484.99 20.28 -207.57	294.29 19.66 -39.05	232.22 18.62 0.00	236.54 19.30 0.00	208.43 17.49 -0.17	195.80 13.95 -2.27	183.32 10.71 -0.57
WEST CANADA___HYD 24049	75.96 0.15 0.00	75.67 0.15 0.00	57.00 0.13 0.00	71.82 0.22 0.00	85.22 0.18 0.00	96.42 0.23 0.00	113.66 0.44 0.00	151.33 0.62 0.00	136.11 0.41 0.00	159.97 0.52 0.00	147.43 0.48 0.00	135.99 0.41 0.00	145.64 0.44 0.00	157.51 0.47 0.00	162.56 0.49 0.00	177.15 0.53 0.00	241.67 0.48 0.00	257.91 0.77 0.00	236.29 0.71 0.00	214.28 0.68 0.00	218.02 0.78 0.00	191.55 0.78 0.00	180.37 0.78 0.00	172.80 0.76 0.00
WESTERN_NY_WIND 24143	71.10 -4.71 0.00	70.64 -4.88 0.00	53.38 -3.48 0.00	67.78 -3.83 0.00	81.99 -3.04 0.00	93.67 -2.52 0.00	107.38 -5.84 0.00	142.91 -7.81 0.00	129.23 -6.47 0.00	151.41 -8.03 0.00	137.84 -9.11 0.00	127.55 -8.04 0.00	136.34 -8.86 0.00	147.32 -9.72 0.00	152.10 -9.98 0.00	165.70 -10.92 0.00	230.46 -10.73 0.00	247.92 -9.22 0.00	225.29 -10.29 0.00	203.04 -10.56 0.00	205.39 -11.85 0.00	177.99 -12.77 0.00	168.05 -11.54 0.00	162.92 -9.11 0.00
WESTOVER___LESR 323668	73.83 -1.97 0.00	73.65 -1.87 0.00	55.49 -1.37 0.00	70.00 -1.60 0.00	83.41 -1.62 0.00	94.98 -1.20 0.00	111.98 -1.24 0.00	149.46 -1.26 0.00	134.76 -0.94 0.00	157.71 -1.74 0.00	145.28 -1.67 0.00	134.32 -1.27 0.00	143.35 -1.85 0.00	155.07 -1.96 0.00	160.36 -1.72 0.00	174.93 -1.70 0.00	239.90 -1.29 0.00	256.81 -0.34 0.00	235.28 -0.30 0.00	213.23 -0.37 0.00	216.98 -0.25 0.00	189.98 -0.79 0.00	178.22 -1.37 0.00	170.60 -1.44 0.00
WETHRSFD_WT_PWR 323626	68.67 -7.13 0.00	68.32 -7.19 0.00	51.61 -5.25 0.00	65.54 -6.06 0.00	79.60 -5.43 0.00	92.33 -3.85 0.00	107.81 -5.42 0.00	147.83 -2.88 0.00	132.89 -2.81 0.00	155.06 -4.38 0.00	140.85 -6.10 0.00	130.48 -5.11 0.00	139.23 -5.97 0.00	151.36 -5.68 0.00	157.88 -4.20 0.00	175.34 -2.85 0.00	248.52 0.51 -6.83	272.57 2.80 -12.62	238.46 2.88 0.00	216.07 2.47 0.00	219.81 2.57 0.00	191.67 0.91 0.00	178.69 -0.90 0.00	176.71 -1.30 -5.96
WHAVSTOR_138KV_BK127 55557	77.55 1.74 0.00	77.32 1.81 0.00	58.21 1.35 0.00	73.15 1.55 0.00	86.22 1.18 0.00	97.82 1.64 0.00	115.94 2.71 0.00	154.12 3.40 0.00	138.68 2.98 0.00	163.58 4.14 0.00	151.79 4.84 0.00	140.06 4.47 0.00	150.14 4.94 0.00	162.52 5.48 0.00	167.46 5.39 0.00	182.55 5.93 0.00	248.77 7.59 0.00	266.53 9.39 0.00	244.12 8.55 0.00	221.73 8.13 0.00	225.79 8.55 0.00	198.84 7.92 -0.15	187.82 6.14 -2.10	177.05 4.95 -0.06
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	77.55 1.74 0.00	77.32 1.81 0.00	58.21 1.35 0.00	73.15 1.55 0.00	86.22 1.18 0.00	97.82 1.64 0.00	115.94 2.71 0.00	154.12 3.40 0.00	138.68 2.98 0.00	163.58 4.14 0.00	151.79 4.84 0.00	140.06 4.47 0.00	150.14 4.94 0.00	162.52 5.48 0.00	167.46 5.39 0.00	182.55 5.93 0.00	248.77 7.59 0.00	266.53 9.39 0.00	244.12 8.55 0.00	221.73 8.13 0.00	225.79 8.55 0.00	198.84 7.92 -0.15	187.82 6.14 -2.10	177.05 4.95 -0.06
WHITEHAL_115KV_TB1 80871	83.19 7.39 0.00	82.95 7.43 0.00	62.47 5.61 0.00	78.45 6.84 0.00	93.14 8.11 0.00	106.07 9.88 0.00	126.28 13.06 0.00	167.58 16.86 0.00	148.94 13.24 0.00	173.63 14.19 0.00	160.47 13.52 0.00	146.74 11.15 0.00	158.20 13.00 0.00	172.44 15.40 0.00	180.10 18.02 0.00	196.43 19.81 0.00	270.52 29.33 0.00	285.58 28.44 0.00	262.67 27.09 0.00	239.75 26.15 0.00	244.82 27.58 0.00	213.64 21.74 -1.13	215.49 20.17 -15.73	191.35 18.83 -0.48
WHITEPLN_13_KV_LOAD 356215	78.78 2.98 0.00	78.53 3.02 0.00	59.13 2.28 0.00	74.32 2.72 0.00	87.62 2.59 0.00	99.39 3.21 0.00	117.87 4.64 0.00	156.96 6.25 0.00	141.20 5.50 0.00	166.55 7.11 0.00	154.64 7.70 0.00	142.64 7.05 0.00	152.96 7.76 0.00	165.60 8.56 0.00	170.58 8.51 0.00	186.09 9.47 0.00	253.85 12.66 0.00	272.18 15.03 0.00	249.33 13.75 0.00	226.36 12.76 0.00	230.30 13.07 0.00	202.68 11.75 -0.16	191.36 9.52 -2.26	180.08 7.98 -0.07
WM_FLOYD_69_KV_BK2 356380	108.65 4.32 -28.52	122.78 3.91 -43.36	108.02 3.08 -48.08	106.57 3.60 -31.36	120.56 3.61 -31.92	128.89 4.19 -28.51	153.85 5.79 -34.84	209.79 7.40 -51.68	142.37 5.67 -1.00	184.87 7.82 -17.61	181.00 8.45 -25.60	150.17 7.53 -7.06	194.55 8.43 -40.91	188.26 9.21 -22.00	209.16 7.88 -39.20	209.65 7.94 -25.09	268.38 7.11 -20.08	452.98 13.03 -182.81	282.80 13.38 -33.84	226.66 13.06 0.00	232.60 15.36 0.00	206.91 15.97 -0.17	194.83 12.98 -2.27	183.28 9.72 -1.53
WOODARD___115KV_TB2 355635	73.52 -2.29 0.00	73.18 -2.33 0.00	55.18 -1.68 0.00	69.58 -2.02 0.00	82.82 -2.21 0.00	94.02 -2.16 0.00	110.77 -2.46 0.00	147.64 -3.07 0.00	133.19 -2.50 0.00	156.32 -3.12 0.00	143.81 -3.14 0.00	132.69 -2.89 0.00	141.96 -3.24 0.00	153.51 -3.53 0.00	158.49 -3.58 0.00	172.83 -3.79 0.00	236.79 -4.40 0.00	253.14 -4.00 0.00	231.73 -3.85 0.00	209.99 -3.61 0.00	213.38 -3.85 0.00	186.89 -3.88 0.00	175.59 -4.00 0.00	168.08 -3.96 0.00
WOODMERE_69_KV_BK1 55827	126.27 4.10 -46.36	149.89 3.90 -70.48	138.05 3.03 -78.16	126.17 3.58 -50.98	140.45 3.53 -51.89	146.58 4.04 -46.35	168.59 5.52 -49.84	221.85 7.30 -63.83	142.29 6.59 0.00	184.13 8.24 -16.44	179.06 8.72 -23.39	149.13 8.20 -5.34	203.55 8.92 -49.43	187.98 9.79 -21.15	215.57 9.64 -43.85	213.33 10.71 -26.00	279.97 13.93 -24.85	572.32 17.79 -297.39	315.86 17.41 -62.88	230.12 16.51 0.00	234.13 16.90 0.00	206.07 15.13 -0.17	193.79 11.94 -2.27	181.51 9.41 -0.07
YORK___WARBASSE 23770	78.52 2.72 0.00	78.27 2.76 0.00	58.92 2.06 0.00	73.97 2.37 0.00	86.94 1.90 0.00	98.55 2.36 0.00	116.92 3.70 0.00	154.92 4.21 0.00	139.24 3.54 0.00	164.25 4.80 0.00	152.92 5.97 0.00	141.07 5.49 0.00	151.38 6.18 0.00	163.79 6.75 0.00	168.33 6.25 0.00	183.68 7.06 0.00	250.37 9.18 0.00	268.57 11.43 0.00	245.88 10.31 0.00	223.31 9.71 0.00	227.37 10.13 0.00	200.12 9.18 -0.16	188.84 6.99 -2.27	177.77 5.66 -0.07