

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/12/2025

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	107.47	101.69	125.82	124.42	144.66	167.15	134.06	157.64	161.01	162.70	126.07	112.47	105.58	113.39	110.38	116.66	103.70	104.86	138.84	112.90	136.69	153.28	159.29	77.49
24138	5.40	4.91	5.90	4.97	5.64	6.17	5.99	8.46	9.74	9.97	8.96	8.12	7.98	9.01	7.09	7.92	7.21	7.12	9.11	7.60	8.50	9.00	8.57	4.28
	-20.87	-20.14	-14.02	-7.48	-11.26	-13.33	-7.84	-2.69	-0.72	0.00	-0.92	-1.23	0.00	-0.84	-14.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	107.45	101.71	125.93	124.48	144.75	167.27	134.15	157.68	160.93	162.62	125.94	112.31	105.45	113.17	110.21	116.51	103.64	104.78	138.67	112.82	136.65	153.28	159.23	77.51
24260	5.37	4.92	6.01	5.04	5.72	6.29	6.08	8.50	9.65	9.88	8.82	7.96	7.84	8.79	6.91	7.76	7.15	7.05	8.95	7.52	8.46	9.01	8.51	4.30
	-20.88	-20.15	-14.03	-7.48	-11.26	-13.33	-7.84	-2.69	-0.72	0.00	-0.92	-1.23	0.00	-0.84	-14.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	107.45	101.71	125.93	124.48	144.75	167.27	134.15	157.68	160.93	162.62	125.94	112.31	105.45	113.17	110.21	116.51	103.64	104.78	138.67	112.82	136.65	153.28	159.23	77.51
24261	5.37	4.92	6.01	5.04	5.72	6.29	6.08	8.50	9.65	9.88	8.82	7.96	7.84	8.79	6.91	7.76	7.15	7.05	8.95	7.52	8.46	9.01	8.51	4.30
	-20.88	-20.15	-14.03	-7.48	-11.26	-13.33	-7.84	-2.69	-0.72	0.00	-0.92	-1.23	0.00	-0.84	-14.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	305.81	293.60	261.50	201.11	259.08	302.61	215.11	187.77	171.48	166.94	136.91	125.31	106.37	121.92	290.61	118.37	105.98	107.85	143.14	116.26	141.29	158.74	164.82	80.24
24011	7.21	7.15	9.38	9.28	11.04	12.61	11.16	13.52	13.52	14.20	11.26	9.53	8.77	9.78	7.61	9.63	9.49	10.12	13.42	10.96	13.10	14.47	14.09	7.02
	-217.42	-209.80	-146.22	-79.85	-120.28	-142.35	-83.72	-27.76	-7.40	0.00	-9.44	-12.65	0.00	-8.60	-194.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	307.66	295.41	263.10	202.24	260.71	304.58	216.72	189.23	172.72	168.49	138.20	126.34	107.25	122.96	290.10	119.34	107.04	109.08	144.76	117.52	142.82	160.29	166.30	80.99
23798	7.75	7.70	10.10	9.94	11.94	13.72	12.27	14.82	14.72	15.76	12.50	10.49	9.65	10.77	8.29	10.59	10.55	11.34	15.03	12.22	14.63	16.02	15.57	7.78
	-218.72	-211.06	-147.10	-80.34	-121.00	-143.21	-84.23	-27.92	-7.44	0.00	-9.50	-12.73	0.00	-8.65	-192.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	305.81	293.60	261.50	201.11	259.08	302.61	215.11	187.77	171.48	166.94	136.91	125.31	106.37	121.92	290.61	118.37	105.98	107.85	143.14	116.26	141.29	158.74	164.82	80.24
24028	7.21	7.15	9.38	9.28	11.04	12.61	11.16	13.52	13.52	14.20	11.26	9.53	8.77	9.78	7.61	9.63	9.49	10.12	13.42	10.96	13.10	14.47	14.09	7.02
	-217.42	-209.80	-146.22	-79.85	-120.28	-142.35	-83.72	-27.76	-7.40	0.00	-9.44	-12.65	0.00	-8.60	-194.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	239.42	229.09	215.36	174.60	219.80	255.40	185.29	176.08	165.79	163.35	132.37	121.56	105.99	119.40	289.80	115.10	102.96	104.05	137.71	112.28	136.66	153.83	160.29	78.14
23527	6.10	5.64	7.15	6.81	7.95	8.25	6.54	8.58	9.62	10.62	9.01	8.86	8.38	9.34	6.35	6.36	6.47	6.32	7.99	6.98	8.47	9.56	9.57	4.93
	-152.13	-146.80	-102.31	-55.82	-84.08	-99.50	-58.52	-21.02	-5.61	0.00	-7.15	-9.58	0.00	-6.51	-194.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	193.88	185.21	183.39	155.52	191.96	222.69	164.61	162.31	155.89	154.41	123.01	111.47	100.00	110.08	148.95	110.83	98.34	99.58	131.83	107.47	131.09	147.47	153.76	75.63
24190	2.84	2.56	3.62	3.24	3.49	3.18	2.12	1.96	1.64	1.67	2.09	2.04	2.40	2.24	1.75	2.09	1.85	1.85	2.10	2.16	2.90	3.20	3.03	2.41
	-109.85	-106.00	-73.88	-40.31	-60.71	-71.85	-42.26	-13.86	-3.70	0.00	-4.72	-6.32	0.00	-4.29	-58.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	80.80	76.27	106.00	113.64	129.53	150.09	121.40	147.93	151.80	154.18	116.45	103.48	97.65	103.09	88.91	108.89	96.40	97.62	129.35	104.74	128.11	144.73	152.39	73.54
355683	-0.39	-0.38	0.10	1.67	1.76	2.44	1.17	1.44	1.24	1.44	0.25	0.36	0.05	-0.45	0.00	0.14	-0.09	-0.11	-0.37	-0.56	-0.08	0.45	1.66	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	175.37	167.34	173.13	152.17	185.42	214.92	161.81	165.89	160.78	159.35	124.66	111.61	101.60	110.38	140.13	116.01	104.28	106.14	140.30	113.90	139.06	156.28	162.70	80.03
323833	6.07	5.67	7.98	7.86	8.95	9.62	7.68	8.28	7.26	6.62	4.68	3.37	4.00	3.35	3.92	7.27	7.79	8.41	10.57	8.60	10.87	12.01	11.97	6.82
	-88.11	-85.02	-59.26	-32.34	-48.71	-57.65	-33.91	-11.13	-2.97	0.00	-3.79	-5.13	0.00	-3.48	-47.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	175.36	167.32	173.13	152.16	185.41	214.92	161.76	165.89	160.77	159.34	124.64	111.61	101.60	110.37	140.13	116.01	104.28	106.14	140.30	113.90	139.06	156.28	162.70	80.03
323834	6.07	5.66	7.98	7.85	8.93	9.62	7.63	8.28	7.24	6.61	4.66	3.36	4.00	3.34	3.92	7.27	7.79	8.41	10.57	8.60	10.87	12.01	11.97	6.82
	-88.10	-85.01	-59.25	-32.34	-48.71	-57.65	-33.91	-11.12	-2.97	0.00	-3.79	-5.13	0.00	-3.48	-47.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	193.88	185.21	183.39	155.52	191.96	222.69	164.61	162.31	155.89	154.41	123.01	111.47	100.00	110.08	148.95	110.83	98.34	99.58	131.83	107.47	131.09	147.47	153.76	75.63
23571	2.84	2.56	3.62	3.24	3.49	3.18	2.12	1.96	1.64	1.67	2.09	2.04	2.40	2.24	1.75	2.09	1.85	1.85	2.10	2.16	2.90	3.20	3.03	2.41
	-109.85	-106.00	-73.88	-40.31	-60.71	-71.85	-42.26	-13.86	-3.70	0.00	-4.72	-6.32	0.00	-4.29	-58.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	193.88 2.84 -109.85	185.21 2.56 -106.00	183.39 3.62 -73.88	155.52 3.24 -40.31	191.96 3.49 -60.71	222.69 3.18 -71.85	164.61 2.12 -42.26	162.31 1.96 -13.86	155.89 1.64 -3.70	154.41 1.67 0.00	123.01 2.09 -4.72	111.47 2.04 -6.32	100.00 2.40 0.00	110.08 2.24 -4.29	148.95 1.75 -58.29	110.83 2.09 0.00	98.34 1.85 0.00	99.58 1.85 0.00	131.83 2.10 0.00	107.47 2.16 0.00	131.09 2.90 0.00	147.47 3.20 0.00	153.76 3.03 0.00	75.63 2.41 0.00
ALBANY___3 23573	193.88 2.84 -109.85	185.21 2.56 -106.00	183.39 3.62 -73.88	155.52 3.24 -40.31	191.96 3.49 -60.71	222.69 3.18 -71.85	164.61 2.12 -42.26	162.31 1.96 -13.86	155.89 1.64 -3.70	154.41 1.67 0.00	123.01 2.09 -4.72	111.47 2.04 -6.32	100.00 2.40 0.00	110.08 2.24 -4.29	148.95 1.75 -58.29	110.83 2.09 0.00	98.34 1.85 0.00	99.58 1.85 0.00	131.83 2.10 0.00	107.47 2.16 0.00	131.09 2.90 0.00	147.47 3.20 0.00	153.76 3.03 0.00	75.63 2.41 0.00
ALBANY___4 23574	193.88 2.84 -109.85	185.21 2.56 -106.00	183.39 3.62 -73.88	155.52 3.24 -40.31	191.96 3.49 -60.71	222.69 3.18 -71.85	164.61 2.12 -42.26	162.31 1.96 -13.86	155.89 1.64 -3.70	154.41 1.67 0.00	123.01 2.09 -4.72	111.47 2.04 -6.32	100.00 2.40 0.00	110.08 2.24 -4.29	148.95 1.75 -58.29	110.83 2.09 0.00	98.34 1.85 0.00	99.58 1.85 0.00	131.83 2.10 0.00	107.47 2.16 0.00	131.09 2.90 0.00	147.47 3.20 0.00	153.76 3.03 0.00	75.63 2.41 0.00
ALBANY___LFGE 323615	226.95 3.55 -142.21	217.12 3.25 -137.22	206.01 4.47 -95.63	168.30 4.13 -52.20	210.94 4.55 -78.63	245.25 4.54 -93.06	178.34 3.38 -54.73	167.97 3.50 -17.98	158.57 3.22 -4.79	156.07 3.33 0.00	125.66 3.35 -6.12	114.43 3.11 -8.20	100.97 3.36 0.00	112.45 3.34 -5.57	174.17 2.71 -82.54	112.09 3.34 0.00	99.56 3.07 0.00	100.82 3.09 0.00	133.48 3.75 0.00	108.74 3.44 0.00	132.57 4.38 0.00	149.12 4.85 0.00	155.41 4.69 0.00	76.27 3.06 0.00
ALCOA_PA_115KV_PL-6C 55860	81.44 0.25 0.00	76.92 0.27 0.00	106.94 1.03 0.00	115.11 3.14 0.00	131.18 3.41 0.00	152.16 4.51 0.00	122.77 2.54 0.00	149.51 3.02 0.00	153.17 2.61 0.00	155.95 3.21 0.00	117.82 1.62 0.00	104.66 1.54 0.00	98.73 1.12 0.00	104.23 0.68 0.00	89.90 0.99 0.00	110.04 1.29 0.00	97.47 0.98 0.00	98.74 1.00 0.00	130.43 0.71 0.00	105.57 0.27 0.00	129.53 1.34 0.00	146.40 2.13 0.00	154.30 3.57 0.00	74.31 1.10 0.00
ALCOA_RYNLDS___DRP 24188	81.44 0.25 0.00	76.92 0.27 0.00	106.94 1.03 0.00	115.11 3.14 0.00	131.18 3.41 0.00	152.16 4.51 0.00	122.77 2.54 0.00	149.51 3.02 0.00	153.17 2.61 0.00	155.95 3.21 0.00	117.82 1.62 0.00	104.66 1.54 0.00	98.73 1.12 0.00	104.23 0.68 0.00	89.90 0.99 0.00	110.04 1.29 0.00	97.47 0.98 0.00	98.74 1.00 0.00	130.43 0.71 0.00	105.57 0.27 0.00	129.53 1.34 0.00	146.40 2.13 0.00	154.30 3.57 0.00	74.31 1.10 0.00
ALCOA___DSASP 323711	81.45 0.25 0.00	76.92 0.27 0.00	106.93 1.03 0.00	115.11 3.14 0.00	131.18 3.41 0.00	152.16 4.51 0.00	122.77 2.54 0.00	149.51 3.02 0.00	153.17 2.61 0.00	155.95 3.21 0.00	117.82 1.62 0.00	104.67 1.55 0.00	98.73 1.13 0.00	104.24 0.69 0.00	89.91 1.00 0.00	110.05 1.30 0.00	97.47 0.98 0.00	98.73 0.99 0.00	130.44 0.71 0.00	105.57 0.27 0.00	129.53 1.34 0.00	146.39 2.12 0.00	154.30 3.57 0.00	74.31 1.10 0.00
ALLEGHENY___COGEN 23514	73.41 -7.79 0.00	69.58 -7.07 0.00	93.93 -10.70 1.28	97.68 -14.29 0.00	111.84 -15.92 0.00	129.97 -17.68 0.00	107.75 -12.48 0.00	131.17 -15.95 -0.63	134.01 -16.72 -0.17	134.90 -17.83 0.00	100.71 -15.70 -0.21	87.78 -15.63 -0.28	82.50 -15.10 0.00	89.03 -14.00 0.52	80.96 -11.31 -3.36	88.63 -14.03 6.09	69.50 -12.03 14.95	57.16 -10.87 29.70	114.53 -15.02 0.17	88.66 -12.92 3.72	98.57 -14.92 14.70	136.03 -5.84 2.41	142.30 -8.42 0.00	69.02 -4.19 0.00
ALTAMONT_115KV_TB 2 55880	169.00 2.99 -84.82	161.28 2.79 -81.84	166.60 3.66 -57.04	146.33 3.25 -31.12	178.31 3.68 -46.86	206.82 3.71 -55.47	155.90 3.05 -32.62	160.59 3.42 -10.69	156.67 3.26 -2.85	156.05 3.31 0.00	122.97 3.14 -3.64	110.81 2.82 -4.87	100.50 2.89 0.00	109.97 3.11 -3.31	141.55 2.47 -50.17	111.88 3.14 0.00	99.49 3.00 0.00	100.75 3.01 0.00	133.49 3.76 0.00	108.65 3.35 0.00	132.22 4.03 0.00	148.74 4.47 0.00	155.00 4.27 0.00	75.65 2.44 0.00
ALTONA_WT_PWR 323606	82.45 1.25 0.00	77.77 1.12 0.00	108.11 2.21 0.00	115.79 3.82 0.00	131.89 4.12 0.00	152.03 4.38 0.00	123.05 2.83 0.00	149.53 3.04 0.00	153.57 3.01 0.00	156.04 3.31 0.00	117.98 1.78 0.00	104.72 1.60 0.00	98.61 1.01 0.00	104.21 0.66 0.00	89.49 0.58 0.00	110.07 1.32 0.00	97.68 1.19 0.00	98.35 0.61 0.00	129.83 0.11 0.00	104.51 -0.79 0.00	127.76 -0.43 0.00	145.03 0.76 0.00	153.16 2.44 0.00	73.54 0.33 0.00
AMERICAN_REF_FUEL 24010	71.52 -9.67 0.00	67.76 -8.89 0.00	91.55 -13.63 0.72	97.44 -14.52 0.00	111.07 -16.69 0.00	128.78 -18.87 0.00	104.92 -15.30 0.00	126.46 -20.03 0.00	130.20 -20.36 0.00	132.70 -20.04 0.00	100.66 -15.53 0.00	88.74 -14.38 0.00	83.53 -14.07 0.00	88.79 -13.94 0.81	76.92 -11.99 0.00	88.95 -16.35 3.45	73.54 -14.49 8.46	61.88 -15.55 20.31	111.69 -17.94 0.10	87.02 -15.76 2.53	98.08 -19.13 10.97	122.66 -20.25 1.36	130.83 -19.90 0.00	63.76 -9.45 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	75.49 -5.70 0.00	70.98 -5.66 0.00	96.13 -8.91 0.86	102.52 -9.45 0.00	116.81 -10.95 0.00	134.87 -12.79 0.00	110.95 -9.28 0.00	135.02 -11.47 0.00	138.39 -12.17 0.00	140.27 -12.47 0.00	106.34 -9.86 0.00	93.18 -9.94 0.00	88.68 -8.93 0.00	94.67 -8.12 0.76	81.92 -6.99 0.00	94.68 -9.97 4.09	77.16 -9.29 10.04	63.81 -11.54 22.39	116.83 -12.77 0.12	91.00 -11.53 2.78	102.03 -14.48 11.68	126.42 -16.23 1.62	134.59 -16.13 0.00	65.58 -7.63 0.00
ARTHUR KILL_GT_1 23520	325.05 5.62 -238.23	214.00 5.18 -132.18	135.13 6.03 -23.19	124.51 5.07 -7.48	144.70 5.67 -11.26	260.77 6.54 -106.58	134.00 5.94 -7.84	157.44 8.25 -2.69	160.58 9.29 -0.74	162.22 9.43 -0.05	132.61 7.95 -8.45	169.76 7.44 -59.20	230.51 7.68 -125.22	255.59 8.47 -143.57	140.84 6.42 -45.51	119.28 7.58 -2.95	132.54 7.06 -28.99	212.27 7.01 -107.53	194.04 8.92 -55.40	272.46 7.51 -159.65	282.51 8.44 -145.88	154.49 8.91 -1.31	158.96 8.24 0.00	78.81 4.40 -1.20
ARTHUR_KILL_2 23512	324.85 5.43 -238.23	213.82 5.00 -132.18	134.85 5.76 -23.19	124.25 4.80 -7.48	144.42 5.40 -11.26	260.43 6.19 -106.58	133.66 5.59 -7.84	157.02 7.84 -2.69	160.15 8.85 -0.74	161.82 9.03 -0.05	132.28 7.62 -8.45	169.46 7.14 -59.20	230.18 7.36 -125.22	255.26 8.15 -143.57	140.58 6.16 -45.51	118.94 7.23 -2.95	132.21 6.74 -28.99	211.96 6.69 -107.53	193.63 8.50 -55.40	272.12 7.17 -159.65	282.06 7.99 -145.88	154.04 8.47 -1.31	158.50 7.77 0.00	78.59 4.18 -1.20
ARTHUR_KILL_3 23513	335.18 4.46 -249.53	218.70 4.05 -137.99	133.95 4.85 -23.20	123.25 3.81 -7.48	143.33 4.31 -11.26	261.51 4.65 -109.20	126.65 4.61 -1.81	145.93 6.71 7.26	154.44 7.72 3.84	156.02 7.80 4.52	112.90 7.26 10.56	99.59 6.53 10.07	95.40 6.43 8.64	102.59 7.31 8.28	96.51 5.70 -1.90	117.79 6.31 -2.74	105.16 5.82 -2.84	106.33 5.67 -2.92	140.04 7.11 -3.20	114.30 6.04 -2.95	136.74 6.69 -1.86	151.81 7.03 -0.51	154.53 6.53 2.73	77.83 3.40 -1.21

ARTHUR_KILL_COGEN 323718	325.05 5.62 -238.23	214.00 5.18 -132.18	135.13 6.03 -23.19	124.51 5.07 -7.48	144.70 5.67 -11.26	260.77 6.54 -106.58	134.00 5.94 -7.84	157.44 8.25 -2.69	160.58 9.29 -0.74	162.22 9.43 -0.05	132.61 7.95 -8.45	169.76 7.44 -59.20	230.51 7.68 -125.22	255.59 8.47 -143.57	140.84 6.42 -45.51	119.28 7.58 -2.95	132.54 7.06 -28.99	212.27 7.01 -107.53	194.04 8.92 -55.40	272.46 7.51 -159.65	282.51 8.44 -145.88	154.49 8.91 -1.31	158.96 8.24 0.00	78.81 4.40 -1.20
ASHOKAN____ 23654	150.77 6.03 -63.55	143.27 5.30 -61.32	155.64 7.00 -42.74	142.35 7.01 -23.37	170.83 7.86 -35.20	198.09 8.77 -41.67	153.26 8.52 -24.51	165.18 10.62 -8.08	163.82 11.10 -2.16	163.54 10.80 0.00	127.08 8.13 -2.75	113.69 6.87 -3.70	104.50 6.90 0.00	112.98 6.92 -2.51	130.93 6.29 -35.73	117.26 8.51 0.00	104.64 8.15 0.00	106.30 8.56 0.00	140.87 11.14 0.00	114.50 9.20 0.00	139.25 11.06 0.00	156.28 12.01 0.00	162.43 11.70 0.00	79.25 6.03 0.00
ASTORIA_EAST_ENERGY_CC1 323581	107.12 5.04 -20.88	101.32 4.53 -20.15	125.04 5.11 -14.03	123.60 4.15 -7.48	143.63 4.61 -11.26	165.97 4.99 -13.33	133.13 5.06 -7.84	156.62 7.44 -2.69	159.55 8.28 -0.72	161.14 8.40 0.00	124.92 7.80 -0.92	111.50 7.15 -1.23	104.68 7.08 0.00	112.21 7.82 -0.83	109.21 5.91 -14.39	115.47 6.72 0.00	102.61 6.12 0.00	103.83 6.10 0.00	137.35 7.63 0.00	111.77 6.47 0.00	135.54 7.35 0.00	151.83 7.56 0.00	157.97 7.25 0.00	76.92 3.70 0.00
ASTORIA_EAST_ENERGY_CC2 323582	107.14 5.07 -20.88	101.33 4.54 -20.15	125.08 5.15 -14.03	123.63 4.19 -7.48	143.64 4.62 -11.26	165.99 5.00 -13.33	133.17 5.10 -7.84	156.66 7.47 -2.69	159.55 8.28 -0.72	161.14 8.40 0.00	124.92 7.80 -0.92	111.50 7.15 -1.23	104.69 7.09 0.00	112.21 7.82 -0.83	109.21 5.91 -14.39	115.47 6.72 0.00	102.61 6.12 0.00	103.83 6.10 0.00	137.35 7.63 0.00	111.79 6.49 0.00	135.56 7.37 0.00	151.84 7.57 0.00	157.99 7.27 0.00	76.94 3.73 0.00
ASTORIA_GT2_1 24094	107.16 5.09 -20.88	101.38 4.58 -20.15	125.11 5.19 -14.03	123.67 4.23 -7.48	143.71 4.69 -11.26	166.04 5.06 -13.33	133.23 5.16 -7.84	156.67 7.48 -2.69	159.65 8.37 -0.72	161.19 8.46 0.00	125.00 7.89 -0.92	111.55 7.20 -1.23	104.74 7.13 0.00	112.26 7.88 -0.84	109.25 5.95 -14.39	115.51 6.77 0.00	102.69 6.20 0.00	103.89 6.15 0.00	137.42 7.70 0.00	111.84 6.54 0.00	135.63 7.44 0.00	151.93 7.66 0.00	158.04 7.32 0.00	76.96 3.75 0.00
ASTORIA_GT2_2 24095	107.16 5.09 -20.88	101.38 4.58 -20.15	125.11 5.19 -14.03	123.67 4.23 -7.48	143.71 4.69 -11.26	166.04 5.06 -13.33	133.23 5.16 -7.84	156.67 7.48 -2.69	159.65 8.37 -0.72	161.19 8.46 0.00	125.00 7.89 -0.92	111.55 7.20 -1.23	104.74 7.13 0.00	112.26 7.88 -0.84	109.25 5.95 -14.39	115.51 6.77 0.00	102.69 6.20 0.00	103.89 6.15 0.00	137.42 7.70 0.00	111.84 6.54 0.00	135.63 7.44 0.00	151.93 7.66 0.00	158.04 7.32 0.00	76.96 3.75 0.00
ASTORIA_GT2_3 24096	107.16 5.09 -20.88	101.38 4.58 -20.15	125.11 5.19 -14.03	123.67 4.23 -7.48	143.71 4.69 -11.26	166.04 5.06 -13.33	133.23 5.16 -7.84	156.67 7.48 -2.69	159.65 8.37 -0.72	161.19 8.46 0.00	125.00 7.89 -0.92	111.55 7.20 -1.23	104.74 7.13 0.00	112.26 7.88 -0.84	109.25 5.95 -14.39	115.51 6.77 0.00	102.69 6.20 0.00	103.89 6.15 0.00	137.42 7.70 0.00	111.84 6.54 0.00	135.63 7.44 0.00	151.93 7.66 0.00	158.04 7.32 0.00	76.96 3.75 0.00
ASTORIA_GT2_4 24097	107.16 5.09 -20.88	101.38 4.58 -20.15	125.11 5.19 -14.03	123.67 4.23 -7.48	143.71 4.69 -11.26	166.04 5.06 -13.33	133.23 5.16 -7.84	156.67 7.48 -2.69	159.65 8.37 -0.72	161.19 8.46 0.00	125.00 7.89 -0.92	111.55 7.20 -1.23	104.74 7.13 0.00	112.26 7.88 -0.84	109.25 5.95 -14.39	115.51 6.77 0.00	102.69 6.20 0.00	103.89 6.15 0.00	137.42 7.70 0.00	111.84 6.54 0.00	135.63 7.44 0.00	151.93 7.66 0.00	158.04 7.32 0.00	76.96 3.75 0.00
ASTORIA_GT3_1 24098	107.16 5.09 -20.88	101.38 4.58 -20.15	125.11 5.19 -14.03	123.67 4.23 -7.48	143.71 4.69 -11.26	166.04 5.06 -13.33	133.23 5.16 -7.84	156.67 7.48 -2.69	159.65 8.37 -0.72	161.19 8.46 0.00	125.00 7.89 -0.92	111.55 7.20 -1.23	104.74 7.13 0.00	112.26 7.88 -0.84	109.25 5.95 -14.39	115.51 6.77 0.00	102.69 6.20 0.00	103.89 6.15 0.00	137.42 7.70 0.00	111.84 6.54 0.00	135.63 7.44 0.00	151.93 7.66 0.00	158.04 7.32 0.00	76.96 3.75 0.00
ASTORIA_GT3_2 24099	107.16 5.09 -20.88	101.38 4.58 -20.15	125.11 5.19 -14.03	123.67 4.23 -7.48	143.71 4.69 -11.26	166.04 5.06 -13.33	133.23 5.16 -7.84	156.67 7.48 -2.69	159.65 8.37 -0.72	161.19 8.46 0.00	125.00 7.89 -0.92	111.55 7.20 -1.23	104.74 7.13 0.00	112.26 7.88 -0.84	109.25 5.95 -14.39	115.51 6.77 0.00	102.69 6.20 0.00	103.89 6.15 0.00	137.42 7.70 0.00	111.84 6.54 0.00	135.63 7.44 0.00	151.93 7.66 0.00	158.04 7.32 0.00	76.96 3.75 0.00
ASTORIA_GT3_3 24100	107.16 5.09 -20.88	101.38 4.58 -20.15	125.11 5.19 -14.03	123.67 4.23 -7.48	143.71 4.69 -11.26	166.04 5.06 -13.33	133.23 5.16 -7.84	156.67 7.48 -2.69	159.65 8.37 -0.72	161.19 8.46 0.00	125.00 7.89 -0.92	111.55 7.20 -1.23	104.74 7.13 0.00	112.26 7.88 -0.84	109.25 5.95 -14.39	115.51 6.77 0.00	102.69 6.20 0.00	103.89 6.15 0.00	137.42 7.70 0.00	111.84 6.54 0.00	135.63 7.44 0.00	151.93 7.66 0.00	158.04 7.32 0.00	76.96 3.75 0.00
ASTORIA_GT3_4 24101	107.16 5.09 -20.88	101.38 4.58 -20.15	125.11 5.19 -14.03	123.67 4.23 -7.48	143.71 4.69 -11.26	166.04 5.06 -13.33	133.23 5.16 -7.84	156.67 7.48 -2.69	159.65 8.37 -0.72	161.19 8.46 0.00	125.00 7.89 -0.92	111.55 7.20 -1.23	104.74 7.13 0.00	112.26 7.88 -0.84	109.25 5.95 -14.39	115.51 6.77 0.00	102.69 6.20 0.00	103.89 6.15 0.00	137.42 7.70 0.00	111.84 6.54 0.00	135.63 7.44 0.00	151.93 7.66 0.00	158.04 7.32 0.00	76.96 3.75 0.00
ASTORIA_GT4_1 24102	107.16 5.09 -20.88	101.38 4.58 -20.15	125.11 5.19 -14.03	123.67 4.23 -7.48	143.71 4.69 -11.26	166.04 5.06 -13.33	133.23 5.16 -7.84	156.67 7.48 -2.69	159.65 8.37 -0.72	161.19 8.46 0.00	125.00 7.89 -0.92	111.55 7.20 -1.23	104.74 7.13 0.00	112.26 7.88 -0.84	109.25 5.95 -14.39	115.51 6.77 0.00	102.69 6.20 0.00	103.89 6.15 0.00	137.42 7.70 0.00	111.84 6.54 0.00	135.63 7.44 0.00	151.93 7.66 0.00	158.04 7.32 0.00	76.96 3.75 0.00
ASTORIA_GT4_2 24103	107.16 5.09 -20.88	101.38 4.58 -20.15	125.11 5.19 -14.03	123.67 4.23 -7.48	143.71 4.69 -11.26	166.04 5.06 -13.33	133.23 5.16 -7.84	156.67 7.48 -2.69	159.65 8.37 -0.72	161.19 8.46 0.00	125.00 7.89 -0.92	111.55 7.20 -1.23	104.74 7.13 0.00	112.26 7.88 -0.84	109.25 5.95 -14.39	115.51 6.77 0.00	102.69 6.20 0.00	103.89 6.15 0.00	137.42 7.70 0.00	111.84 6.54 0.00	135.63 7.44 0.00	151.93 7.66 0.00	158.04 7.32 0.00	76.96 3.75 0.00
ASTORIA_GT4_3 24104	107.16 5.09 -20.88	101.38 4.58 -20.15	125.11 5.19 -14.03	123.67 4.23 -7.48	143.71 4.69 -11.26	166.04 5.06 -13.33	133.23 5.16 -7.84	156.67 7.48 -2.69	159.65 8.37 -0.72	161.19 8.46 0.00	125.00 7.89 -0.92	111.55 7.20 -1.23	104.74 7.13 0.00	112.26 7.88 -0.84	109.25 5.95 -14.39	115.51 6.77 0.00	102.69 6.20 0.00	103.89 6.15 0.00	137.42 7.70 0.00	111.84 6.54 0.00	135.63 7.44 0.00	151.93 7.66 0.00	158.04 7.32 0.00	76.96 3.75 0.00

ASTORIA_GT4_4 24105	107.16 5.09 -20.88	101.38 4.58 -20.15	125.11 5.19 -14.03	123.67 4.23 -7.48	143.71 4.69 -11.26	166.04 5.06 -13.33	133.23 5.16 -7.84	156.67 7.48 -2.69	159.65 8.37 -0.72	161.19 8.46 0.00	125.00 7.89 -0.92	111.55 7.20 -1.23	104.74 7.13 0.00	112.26 7.88 -0.84	109.25 5.95 -14.39	115.51 6.77 0.00	102.69 6.20 0.00	103.89 6.15 0.00	137.42 7.70 0.00	111.84 6.54 0.00	135.63 7.44 0.00	151.93 7.66 0.00	158.04 7.32 0.00	76.96 3.75 0.00
ASTORIA_GT_1 23523	107.31 5.24 -20.88	101.52 4.72 -20.15	125.29 5.36 -14.03	123.89 4.44 -7.48	143.93 4.91 -11.26	166.31 5.32 -13.33	133.46 5.39 -7.84	157.02 7.84 -2.69	159.98 8.70 -0.72	161.59 8.86 0.00	125.24 8.12 -0.92	111.76 7.41 -1.23	104.98 7.37 0.00	112.50 8.12 -0.83	109.46 6.16 -14.39	115.79 7.04 0.00	102.89 6.40 0.00	104.08 6.35 0.00	137.72 8.00 0.00	112.07 6.77 0.00	135.90 7.71 0.00	152.23 7.96 0.00	158.38 7.65 0.00	77.09 3.87 0.00
ASTORIA_GT_10 24110	107.16 5.08 -20.88	101.41 4.61 -20.15	125.42 5.50 -14.03	124.03 4.58 -7.48	144.13 5.10 -11.26	166.46 5.48 -13.33	133.40 5.34 -7.84	156.83 7.65 -2.69	160.01 8.73 -0.72	161.65 8.91 0.00	125.31 8.20 -0.92	111.78 7.44 -1.23	105.01 7.41 0.00	112.75 8.37 -0.84	109.75 6.45 -14.39	115.88 7.13 0.00	103.08 6.59 0.00	104.25 6.52 0.00	137.97 8.24 0.00	112.23 6.93 0.00	135.95 7.76 0.00	152.51 8.24 0.00	158.50 7.78 0.00	77.17 3.96 0.00
ASTORIA_GT_11 24225	107.16 5.08 -20.88	101.41 4.61 -20.15	125.42 5.50 -14.03	124.03 4.58 -7.48	144.13 5.10 -11.26	166.46 5.48 -13.33	133.40 5.34 -7.84	156.83 7.65 -2.69	160.01 8.73 -0.72	161.65 8.91 0.00	125.31 8.20 -0.92	111.78 7.44 -1.23	105.01 7.41 0.00	112.75 8.37 -0.84	109.75 6.45 -14.39	115.88 7.13 0.00	103.08 6.59 0.00	104.25 6.52 0.00	137.97 8.24 0.00	112.23 6.93 0.00	135.95 7.76 0.00	152.51 8.24 0.00	158.50 7.78 0.00	77.17 3.96 0.00
ASTORIA_GT_12 24226	107.16 5.08 -20.88	101.41 4.61 -20.15	125.42 5.50 -14.03	124.03 4.58 -7.48	144.13 5.10 -11.26	166.46 5.48 -13.33	133.40 5.34 -7.84	156.83 7.65 -2.69	160.01 8.73 -0.72	161.65 8.91 0.00	125.31 8.20 -0.92	111.78 7.44 -1.23	105.01 7.41 0.00	112.75 8.37 -0.84	109.75 6.45 -14.39	115.88 7.13 0.00	103.08 6.59 0.00	104.25 6.52 0.00	137.97 8.24 0.00	112.23 6.93 0.00	135.95 7.76 0.00	152.51 8.24 0.00	158.50 7.78 0.00	77.17 3.96 0.00
ASTORIA_GT_13 24227	107.16 5.08 -20.88	101.41 4.61 -20.15	125.42 5.50 -14.03	124.03 4.58 -7.48	144.13 5.10 -11.26	166.46 5.48 -13.33	133.40 5.34 -7.84	156.83 7.65 -2.69	160.01 8.73 -0.72	161.65 8.91 0.00	125.31 8.20 -0.92	111.78 7.44 -1.23	105.01 7.41 0.00	112.75 8.37 -0.84	109.75 6.45 -14.39	115.88 7.13 0.00	103.08 6.59 0.00	104.25 6.52 0.00	137.97 8.24 0.00	112.23 6.93 0.00	135.95 7.76 0.00	152.51 8.24 0.00	158.50 7.78 0.00	77.17 3.96 0.00
ASTORIA_GT_5 24106	107.33 5.25 -20.88	101.52 4.72 -20.15	125.29 5.36 -14.03	123.89 4.45 -7.48	143.93 4.91 -11.26	166.32 5.34 -13.33	133.47 5.40 -7.84	157.04 7.85 -2.69	159.99 8.71 -0.72	161.60 8.86 0.00	125.23 8.12 -0.92	111.77 7.42 -1.23	104.97 7.37 0.00	112.50 8.12 -0.84	109.45 6.15 -14.39	115.79 7.04 0.00	102.90 6.42 0.00	104.11 6.37 0.00	137.73 8.01 0.00	112.06 6.76 0.00	135.90 7.71 0.00	152.23 7.96 0.00	158.36 7.63 0.00	77.09 3.88 0.00
ASTORIA_GT_7 24107	107.33 5.25 -20.88	101.52 4.72 -20.15	125.29 5.36 -14.03	123.89 4.45 -7.48	143.93 4.91 -11.26	166.32 5.34 -13.33	133.47 5.40 -7.84	157.04 7.85 -2.69	159.99 8.71 -0.72	161.60 8.86 0.00	125.23 8.12 -0.92	111.77 7.42 -1.23	104.97 7.37 0.00	112.50 8.12 -0.84	109.45 6.15 -14.39	115.79 7.04 0.00	102.90 6.42 0.00	104.11 6.37 0.00	137.73 8.01 0.00	112.06 6.76 0.00	135.90 7.71 0.00	152.23 7.96 0.00	158.36 7.63 0.00	77.09 3.88 0.00
ASTORIA_GT_8 24108	107.33 5.25 -20.88	101.52 4.72 -20.15	125.29 5.36 -14.03	123.89 4.45 -7.48	143.93 4.91 -11.26	166.32 5.34 -13.33	133.47 5.40 -7.84	157.04 7.85 -2.69	159.99 8.71 -0.72	161.60 8.86 0.00	125.23 8.12 -0.92	111.77 7.42 -1.23	104.97 7.37 0.00	112.50 8.12 -0.84	109.45 6.15 -14.39	115.79 7.04 0.00	102.90 6.42 0.00	104.11 6.37 0.00	137.73 8.01 0.00	112.06 6.76 0.00	135.90 7.71 0.00	152.23 7.96 0.00	158.36 7.63 0.00	77.09 3.88 0.00
ASTORIA___2 24149	107.15 5.08 -20.88	101.37 4.58 -20.15	125.09 5.17 -14.03	123.67 4.22 -7.48	143.70 4.67 -11.26	166.03 5.04 -13.33	133.22 5.15 -7.84	156.68 7.50 -2.69	159.64 8.37 -0.72	161.19 8.45 0.00	125.00 7.89 -0.92	111.54 7.19 -1.23	104.76 7.16 0.00	112.26 7.88 -0.83	109.25 5.95 -14.39	115.52 6.77 0.00	102.68 6.19 0.00	103.87 6.14 0.00	137.42 7.70 0.00	111.83 6.53 0.00	135.63 7.44 0.00	151.92 7.65 0.00	158.08 7.36 0.00	76.96 3.75 0.00
ASTORIA___3 23516	107.15 5.08 -20.88	101.41 4.61 -20.15	125.42 5.49 -14.03	124.02 4.58 -7.48	144.12 5.09 -11.26	166.46 5.48 -13.33	133.39 5.32 -7.84	156.83 7.64 -2.69	159.99 8.71 -0.72	161.63 8.90 0.00	125.30 8.18 -0.92	111.77 7.42 -1.23	105.01 7.40 0.00	112.75 8.37 -0.84	109.74 6.44 -14.39	115.88 7.13 0.00	103.08 6.59 0.00	104.24 6.50 0.00	137.97 8.25 0.00	112.23 6.93 0.00	135.95 7.77 0.00	152.52 8.25 0.00	158.51 7.78 0.00	77.17 3.95 0.00
ASTORIA___4 23517	107.16 5.08 -20.88	101.41 4.61 -20.15	125.42 5.50 -14.03	124.02 4.57 -7.48	144.13 5.10 -11.26	166.46 5.48 -13.33	133.40 5.34 -7.84	156.83 7.65 -2.69	160.01 8.73 -0.72	161.65 8.91 0.00	125.31 8.20 -0.92	111.77 7.42 -1.23	105.01 7.41 0.00	112.75 8.37 -0.84	109.75 6.45 -14.39	115.88 7.13 0.00	103.08 6.59 0.00	104.25 6.52 0.00	137.97 8.24 0.00	112.23 6.93 0.00	135.95 7.76 0.00	152.51 8.24 0.00	158.50 7.78 0.00	77.17 3.96 0.00
ASTORIA___5 23518	107.15 5.08 -20.88	101.41 4.61 -20.15	125.42 5.49 -14.03	124.02 4.58 -7.48	144.12 5.09 -11.26	166.46 5.48 -13.33	133.39 5.32 -7.84	156.83 7.64 -2.69	160.00 8.72 -0.72	161.63 8.90 0.00	125.30 8.18 -0.92	111.78 7.43 -1.23	105.02 7.41 0.00	112.75 8.37 -0.84	109.74 6.44 -14.39	115.88 7.13 0.00	103.08 6.59 0.00	104.24 6.50 0.00	137.97 8.25 0.00	112.23 6.93 0.00	135.97 7.78 0.00	152.52 8.25 0.00	158.51 7.78 0.00	77.17 3.95 0.00
AST_ENERGY_2_CC3 323677	106.76 4.69 -20.88	101.02 4.23 -20.14	124.96 5.04 -14.02	123.48 4.04 -7.48	143.58 4.56 -11.26	165.94 4.96 -13.33	132.98 4.91 -7.84	156.29 7.10 -2.69	159.45 8.18 -0.72	161.03 8.34 0.05	124.88 7.77 -0.92	111.37 7.03 -1.23	104.57 6.97 0.00	112.20 7.81 -0.84	109.27 6.04 -14.33	115.51 6.76 0.00	102.69 6.20 0.00	103.74 6.00 0.00	137.16 7.44 0.00	111.60 6.30 0.00	135.17 6.97 0.00	151.58 7.31 0.00	157.55 6.82 0.00	76.72 3.50 0.00
AST_ENERGY_2_CC4 323678	106.76 4.69 -20.88	101.02 4.23 -20.14	124.96 5.04 -14.02	123.48 4.04 -7.48	143.58 4.56 -11.26	165.94 4.96 -13.33	132.98 4.91 -7.84	156.29 7.10 -2.69	159.45 8.18 -0.72	161.03 8.34 0.05	124.88 7.77 -0.92	111.37 7.03 -1.23	104.57 6.97 0.00	112.20 7.81 -0.84	109.27 6.04 -14.33	115.51 6.76 0.00	102.69 6.20 0.00	103.74 6.00 0.00	137.16 7.44 0.00	111.60 6.30 0.00	135.17 6.97 0.00	151.58 7.31 0.00	157.55 6.82 0.00	76.72 3.50 0.00

ATHENS_STG_1 23668	100.02 3.16 -15.67	94.74 2.97 -15.12	120.14 3.71 -10.53	120.77 3.09 -5.71	139.85 3.48 -8.60	161.36 3.52 -10.19	129.39 3.17 -5.99	152.58 4.10 -1.98	155.53 4.45 -0.53	157.26 4.52 0.00	121.18 4.31 -0.67	107.95 3.93 -0.90	101.53 3.92 0.00	108.54 4.37 -0.62	102.86 3.36 -10.59	112.64 3.89 0.00	100.13 3.64 0.00	101.36 3.63 0.00	134.31 4.58 0.00	109.34 4.03 0.00	132.88 4.69 0.00	149.33 5.06 0.00	155.54 4.82 0.00	75.78 2.56 0.00
ATHENS_STG_2 23670	100.02 3.16 -15.67	94.74 2.97 -15.12	120.14 3.71 -10.53	120.77 3.09 -5.71	139.85 3.48 -8.60	161.36 3.52 -10.19	129.39 3.17 -5.99	152.58 4.10 -1.98	155.53 4.45 -0.53	157.26 4.52 0.00	121.18 4.31 -0.67	107.95 3.93 -0.90	101.53 3.92 0.00	108.54 4.37 -0.62	102.86 3.36 -10.59	112.64 3.89 0.00	100.13 3.64 0.00	101.36 3.63 0.00	134.31 4.58 0.00	109.34 4.03 0.00	132.88 4.69 0.00	149.33 5.06 0.00	155.54 4.82 0.00	75.78 2.56 0.00
ATHENS_STG_3 23677	100.02 3.16 -15.67	94.74 2.97 -15.12	120.14 3.71 -10.53	120.77 3.09 -5.71	139.85 3.48 -8.60	161.36 3.52 -10.19	129.39 3.17 -5.99	152.58 4.10 -1.98	155.53 4.45 -0.53	157.26 4.52 0.00	121.18 4.31 -0.67	107.95 3.93 -0.90	101.53 3.92 0.00	108.54 4.37 -0.62	102.86 3.36 -10.59	112.64 3.89 0.00	100.13 3.64 0.00	101.36 3.63 0.00	134.31 4.58 0.00	109.34 4.03 0.00	132.88 4.69 0.00	149.33 5.06 0.00	155.54 4.82 0.00	75.78 2.56 0.00
AUBURN___LFGE 323710	80.15 -1.04 0.00	75.60 -1.05 0.00	104.14 -2.06 -0.29	109.16 -2.81 0.00	124.67 -3.09 0.00	144.36 -3.29 0.00	118.39 -1.83 0.00	144.06 -2.43 0.00	148.14 -2.42 0.00	150.04 -2.70 0.00	113.91 -2.29 0.00	100.45 -2.67 0.00	94.99 -2.61 0.00	100.95 -2.24 0.36	87.14 -1.77 0.00	107.83 -2.29 -1.37	98.03 -1.83 -3.36	98.38 -1.47 -2.12	128.16 -1.61 -0.04	103.97 -1.65 -0.31	126.27 -1.85 0.07	142.00 -2.82 -0.54	147.04 -3.69 0.00	71.47 -1.74 0.00
BABYLON_RES_REC 323704	108.34 6.29 -20.86	102.63 5.86 -20.13	127.06 7.15 -14.01	125.71 6.27 -7.47	145.88 6.86 -11.26	168.45 7.47 -13.33	135.41 7.34 -7.84	158.91 8.72 -2.69	162.31 11.03 -0.72	164.54 11.22 -0.58	146.99 10.08 -20.70	167.79 9.41 -55.27	146.61 9.21 -39.79	145.57 10.22 -31.80	122.80 8.09 -25.80	129.49 9.26 -11.48	104.60 8.11 0.00	105.80 8.06 0.00	140.24 10.52 0.00	114.19 8.89 0.00	148.99 10.32 -10.49	154.99 10.71 0.00	161.16 10.43 0.00	78.32 5.10 0.00
BABYLON__69_KV_BK2 356345	109.28 7.23 -20.86	103.50 6.73 -20.13	128.25 8.34 -14.01	126.88 7.44 -7.47	147.17 8.15 -11.26	170.03 9.05 -13.33	136.79 8.72 -7.84	160.43 11.25 -2.69	163.89 12.61 -0.72	167.19 12.69 -1.77	155.54 11.25 -28.09	169.05 10.66 -55.27	147.80 10.41 -39.79	146.84 11.49 -31.80	123.89 9.17 -25.80	130.83 10.60 -11.48	105.76 9.27 0.00	106.99 9.25 0.00	141.89 12.16 0.00	115.56 10.26 0.00	155.33 11.96 -15.18	156.69 12.42 0.00	162.95 12.22 0.00	79.15 5.94 0.00
BALL_HILL_WT_PWR 323825	74.79 -6.40 0.00	70.50 -6.15 0.00	95.30 -9.77 0.83	101.58 -10.39 0.00	115.86 -11.90 0.00	134.04 -13.61 0.00	109.95 -10.28 0.00	133.37 -13.12 0.00	137.03 -13.53 0.00	139.17 -13.56 0.00	105.47 -10.73 0.00	92.66 -10.45 0.00	87.78 -9.82 0.00	93.54 -9.23 0.78	80.98 -7.93 0.00	93.48 -11.28 3.98	76.53 -10.19 9.77	64.09 -11.54 22.10	116.75 -12.86 0.11	91.02 -11.54 2.74	102.38 -14.21 11.59	127.48 -15.22 1.57	135.76 -14.96 0.00	66.13 -7.09 0.00
BARON_WINDS___WT_PWR 323822	83.11 -4.19 -6.11	78.55 -3.99 -5.89	101.92 -6.54 -2.56	106.66 -7.57 -2.27	123.11 -8.06 -3.41	142.24 -9.45 -4.04	116.24 -6.36 -2.38	139.31 -7.96 -0.79	142.76 -8.01 -0.21	144.33 -8.41 0.00	109.49 -6.97 -0.27	95.91 -7.57 -0.36	90.88 -6.72 0.00	97.51 -5.69 0.34	88.01 -5.09 -4.19	93.65 -7.66 7.43	71.19 -7.07 18.24	56.31 -7.67 33.76	120.38 -9.13 0.21	92.85 -8.20 4.25	101.80 -10.28 16.11	130.75 -10.59 2.93	139.73 -10.99 0.00	68.37 -4.84 0.00
BARRETT_IC_1 23704	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00
BARRETT_IC_10 23701	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00
BARRETT_IC_11 23702	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00
BARRETT_IC_12 23703	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00
BARRETT_IC_2 23705	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00
BARRETT_IC_3 23706	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00
BARRETT_IC_4 23707	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00

BARRETT_IC_5 23708	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00
BARRETT_IC_6 23709	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00
BARRETT_IC_7 23710	107.16 5.11 -20.86	101.52 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.18 5.16 -11.26	166.45 5.47 -13.33	133.42 5.36 -7.84	156.56 7.38 -2.69	159.89 8.62 -0.72	161.37 8.64 0.00	141.33 8.03 -17.11	165.82 7.43 -55.27	144.67 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.33 7.11 -11.48	102.82 6.33 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.12 6.82 0.00	144.32 7.92 -8.20	152.47 8.20 0.00	158.52 7.80 0.00	77.10 3.89 0.00
BARRETT_IC_8 23711	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00
BARRETT_IC_9 23700	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00
BARRETT___1 23545	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00
BARRETT___2 23546	107.16 5.11 -20.86	101.53 4.75 -20.13	125.49 5.58 -14.01	124.11 4.67 -7.47	144.17 5.15 -11.26	166.45 5.47 -13.33	133.41 5.34 -7.84	156.57 7.39 -2.69	159.89 8.61 -0.72	161.37 8.63 0.00	141.34 8.03 -17.11	165.82 7.43 -55.27	144.68 7.28 -39.79	143.50 8.15 -31.80	121.04 6.32 -25.80	127.34 7.11 -11.48	102.83 6.34 0.00	103.91 6.17 0.00	137.60 7.88 0.00	112.13 6.83 0.00	144.33 7.93 -8.20	152.47 8.20 0.00	158.53 7.80 0.00	77.10 3.89 0.00
BATAVIA__115KV_TB1 55881	75.43 -5.76 0.00	71.31 -5.34 0.00	96.72 -8.57 0.61	102.78 -9.19 0.00	117.30 -10.46 0.00	136.12 -11.53 0.00	111.75 -8.47 0.00	135.46 -11.03 0.00	139.27 -11.29 0.00	141.44 -11.30 0.00	106.93 -9.27 0.00	94.04 -9.07 0.00	88.40 -9.20 0.00	94.27 -8.44 0.83	81.99 -6.92 0.00	96.06 -9.75 2.93	80.74 -8.56 7.20	70.11 -9.11 18.52	120.12 -9.52 0.09	94.08 -8.90 2.32	106.72 -11.12 10.35	131.32 -11.79 1.16	138.93 -11.79 0.00	67.43 -5.78 0.00
BAYONEEC___CTG1 323682	106.80 4.73 -20.88	101.09 4.30 -20.14	125.07 5.15 -14.02	123.61 4.17 -7.48	143.73 4.70 -11.26	166.09 5.11 -13.33	133.08 5.02 -7.84	156.40 7.21 -2.69	159.52 8.24 -0.72	161.11 8.38 0.00	124.80 7.69 -0.92	111.29 6.94 -1.23	104.49 6.89 0.00	112.15 7.76 -0.84	109.32 6.04 -14.38	115.43 6.72 0.04	102.71 6.22 0.00	103.81 6.08 0.00	137.40 7.68 0.00	111.79 6.49 0.00	135.40 7.21 0.00	151.86 7.59 0.00	157.85 7.13 0.00	76.89 3.68 0.00
BAYONEEC___CTG10 323750	106.80 4.73 -20.88	101.09 4.30 -20.14	125.07 5.15 -14.02	123.61 4.17 -7.48	143.73 4.70 -11.26	166.09 5.11 -13.33	133.08 5.02 -7.84	156.40 7.21 -2.69	159.52 8.24 -0.72	161.11 8.38 0.00	124.80 7.69 -0.92	111.29 6.94 -1.23	104.49 6.89 0.00	112.15 7.76 -0.84	109.32 6.04 -14.38	115.43 6.72 0.04	102.71 6.22 0.00	103.81 6.08 0.00	137.40 7.68 0.00	111.79 6.49 0.00	135.40 7.21 0.00	151.86 7.59 0.00	157.85 7.13 0.00	76.89 3.68 0.00
BAYONEEC___CTG2 323683	106.80 4.73 -20.88	101.09 4.30 -20.14	125.07 5.15 -14.02	123.61 4.17 -7.48	143.73 4.70 -11.26	166.09 5.11 -13.33	133.08 5.02 -7.84	156.40 7.21 -2.69	159.52 8.24 -0.72	161.11 8.38 0.00	124.80 7.69 -0.92	111.29 6.94 -1.23	104.49 6.89 0.00	112.15 7.76 -0.84	109.32 6.04 -14.38	115.43 6.72 0.04	102.71 6.22 0.00	103.81 6.08 0.00	137.40 7.68 0.00	111.79 6.49 0.00	135.40 7.21 0.00	151.86 7.59 0.00	157.85 7.13 0.00	76.89 3.68 0.00
BAYONEEC___CTG3 323684	106.80 4.73 -20.88	101.09 4.30 -20.14	125.07 5.15 -14.02	123.61 4.17 -7.48	143.73 4.70 -11.26	166.09 5.11 -13.33	133.08 5.02 -7.84	156.40 7.21 -2.69	159.52 8.24 -0.72	161.11 8.38 0.00	124.80 7.69 -0.92	111.29 6.94 -1.23	104.49 6.89 0.00	112.15 7.76 -0.84	109.32 6.04 -14.38	115.43 6.72 0.04	102.71 6.22 0.00	103.81 6.08 0.00	137.40 7.68 0.00	111.79 6.49 0.00	135.40 7.21 0.00	151.86 7.59 0.00	157.85 7.13 0.00	76.89 3.68 0.00
BAYONEEC___CTG4 323685	106.80 4.73 -20.88	101.09 4.30 -20.14	125.07 5.15 -14.02	123.61 4.17 -7.48	143.73 4.70 -11.26	166.09 5.11 -13.33	133.08 5.02 -7.84	156.40 7.21 -2.69	159.52 8.24 -0.72	161.11 8.38 0.00	124.80 7.69 -0.92	111.29 6.94 -1.23	104.49 6.89 0.00	112.15 7.76 -0.84	109.32 6.04 -14.38	115.43 6.72 0.04	102.71 6.22 0.00	103.81 6.08 0.00	137.40 7.68 0.00	111.79 6.49 0.00	135.40 7.21 0.00	151.86 7.59 0.00	157.85 7.13 0.00	76.89 3.68 0.00
BAYONEEC___CTG5 323686	106.80 4.73 -20.88	101.09 4.30 -20.14	125.07 5.15 -14.02	123.61 4.17 -7.48	143.73 4.70 -11.26	166.09 5.11 -13.33	133.08 5.02 -7.84	156.40 7.21 -2.69	159.52 8.24 -0.72	161.11 8.38 0.00	124.80 7.69 -0.92	111.29 6.94 -1.23	104.49 6.89 0.00	112.15 7.76 -0.84	109.32 6.04 -14.38	115.43 6.72 0.04	102.71 6.22 0.00	103.81 6.08 0.00	137.40 7.68 0.00	111.79 6.49 0.00	135.40 7.21 0.00	151.86 7.59 0.00	157.85 7.13 0.00	76.89 3.68 0.00
BAYONEEC___CTG6 323687	106.80 4.73 -20.88	101.09 4.30 -20.14	125.07 5.15 -14.02	123.61 4.17 -7.48	143.73 4.70 -11.26	166.09 5.11 -13.33	133.08 5.02 -7.84	156.40 7.21 -2.69	159.52 8.24 -0.72	161.11 8.38 0.00	124.80 7.69 -0.92	111.29 6.94 -1.23	104.49 6.89 0.00	112.15 7.76 -0.84	109.32 6.04 -14.38	115.43 6.72 0.04	102.71 6.22 0.00	103.81 6.08 0.00	137.40 7.68 0.00	111.79 6.49 0.00	135.40 7.21 0.00	151.86 7.59 0.00	157.85 7.13 0.00	76.89 3.68 0.00

BAYONEEC___CTG7 323688	106.80 4.73 -20.88	101.09 4.30 -20.14	125.07 5.15 -14.02	123.61 4.17 -7.48	143.73 4.70 -11.26	166.09 5.11 -13.33	133.08 5.02 -7.84	156.40 7.21 -2.69	159.52 8.24 -0.72	161.11 8.38 0.00	124.80 7.69 -0.92	111.29 6.94 -1.23	104.49 6.89 0.00	112.15 7.76 -0.84	109.32 6.04 -14.38	115.43 6.72 0.04	102.71 6.22 0.00	103.81 6.08 0.00	137.40 7.68 0.00	111.79 6.49 0.00	135.40 7.21 0.00	151.86 7.59 0.00	157.85 7.13 0.00	76.89 3.68 0.00
BAYONEEC___CTG8 323689	106.80 4.73 -20.88	101.09 4.30 -20.14	125.07 5.15 -14.02	123.61 4.17 -7.48	143.73 4.70 -11.26	166.09 5.11 -13.33	133.08 5.02 -7.84	156.40 7.21 -2.69	159.52 8.24 -0.72	161.11 8.38 0.00	124.80 7.69 -0.92	111.29 6.94 -1.23	104.49 6.89 0.00	112.15 7.76 -0.84	109.32 6.04 -14.38	115.43 6.72 0.04	102.71 6.22 0.00	103.81 6.08 0.00	137.40 7.68 0.00	111.79 6.49 0.00	135.40 7.21 0.00	151.86 7.59 0.00	157.85 7.13 0.00	76.89 3.68 0.00
BAYONEEC___CTG9 323749	106.80 4.73 -20.88	101.09 4.30 -20.14	125.07 5.15 -14.02	123.61 4.17 -7.48	143.73 4.70 -11.26	166.09 5.11 -13.33	133.08 5.02 -7.84	156.40 7.21 -2.69	159.52 8.24 -0.72	161.11 8.38 0.00	124.80 7.69 -0.92	111.29 6.94 -1.23	104.49 6.89 0.00	112.15 7.76 -0.84	109.32 6.04 -14.38	115.43 6.72 0.04	102.71 6.22 0.00	103.81 6.08 0.00	137.40 7.68 0.00	111.79 6.49 0.00	135.40 7.21 0.00	151.86 7.59 0.00	157.85 7.13 0.00	76.89 3.68 0.00
BEACON___LESR 323632	198.15 4.25 -112.71	189.27 3.86 -108.76	186.97 5.27 -75.80	158.29 4.97 -41.36	195.47 5.42 -62.30	226.98 5.61 -73.73	167.78 4.19 -43.36	165.09 4.38 -14.22	158.66 4.31 -3.79	157.07 4.33 0.00	124.95 3.91 -4.84	113.18 3.58 -6.48	101.58 3.97 0.00	111.83 3.88 -4.41	150.19 3.08 -58.20	112.89 4.14 0.00	100.27 3.78 0.00	101.65 3.92 0.00	134.71 4.98 0.00	109.65 4.35 0.00	133.50 5.31 0.00	150.12 5.85 0.00	156.33 5.60 0.00	76.82 3.61 0.00
BEAVER RIVER___HYD 24048	84.00 2.80 0.00	79.21 2.56 0.00	109.44 3.53 0.00	116.16 4.19 0.00	132.87 5.11 0.00	154.09 6.44 0.00	126.02 5.79 0.00	153.58 7.09 0.00	157.50 6.94 0.00	159.48 6.74 0.00	120.67 4.47 0.00	106.65 3.53 0.00	100.76 3.16 0.00	106.56 3.10 0.09	92.01 3.10 0.00	112.75 4.01 0.00	100.40 3.91 0.00	101.13 4.13 0.75	135.86 6.14 0.00	108.61 3.39 0.09	128.66 1.02 0.55	144.60 0.33 0.00	151.15 0.43 0.00	73.25 0.04 0.00
BEEBEE_GT_13 23619	76.10 -5.09 0.00	71.90 -4.75 0.00	98.02 -7.41 0.47	103.92 -8.04 0.00	118.59 -9.17 0.00	137.42 -10.23 0.00	112.65 -7.58 0.00	136.92 -9.56 0.00	140.79 -9.77 0.00	142.93 -9.81 0.00	108.46 -7.74 0.00	95.78 -7.34 0.00	90.39 -7.21 0.00	95.85 -6.81 0.88	83.23 -5.69 0.00	98.59 -7.89 2.27	83.89 -7.03 5.57	73.84 -7.48 16.41	121.49 -8.17 0.06	95.87 -7.43 2.01	109.41 -9.34 9.45	133.33 -10.04 0.90	140.51 -10.21 0.00	68.17 -5.05 0.00
BENSHRST_27_KV_BENSHRST_1 355998	325.50 6.07 -238.23	214.37 5.54 -132.18	135.76 6.66 -23.19	125.15 5.71 -7.48	145.45 6.43 -11.26	261.53 7.30 -106.58	134.88 6.81 -7.84	158.68 9.50 -2.69	161.93 10.63 -0.74	163.69 10.90 -0.05	134.09 9.44 -8.45	170.94 8.61 -59.20	231.48 8.66 -125.22	322.66 9.60 -209.51	141.89 7.46 -45.51	120.31 8.61 -2.95	133.36 7.88 -28.99	213.13 7.87 -107.53	195.17 10.05 -55.40	273.38 8.43 -159.65	283.62 9.54 -145.88	155.76 10.18 -1.31	160.33 9.60 0.00	79.29 4.87 -1.20
BETHLEHEM___GRP 23843	193.88 2.84 -109.85	185.21 2.56 -106.00	183.39 3.62 -73.88	155.52 3.24 -40.31	191.96 3.49 -60.71	222.69 3.18 -71.85	164.61 2.12 -42.26	162.31 1.96 -13.86	155.89 1.64 -3.70	154.41 1.67 0.00	123.01 2.09 -4.72	111.47 2.04 -6.32	100.00 2.40 0.00	110.08 2.24 -4.29	148.95 1.75 -58.29	110.83 2.09 0.00	98.34 1.85 0.00	99.58 1.85 0.00	131.83 2.10 0.00	107.47 2.16 0.00	131.09 2.90 0.00	147.47 3.20 0.00	153.76 3.03 0.00	75.63 2.41 0.00
BETHLEHEM___GS1 323560	193.89 2.84 -109.85	185.20 2.56 -106.00	183.39 3.61 -73.88	155.52 3.24 -40.31	191.96 3.48 -60.71	222.69 3.19 -71.85	164.61 2.12 -42.26	162.31 1.96 -13.86	155.89 1.64 -3.70	154.41 1.67 0.00	123.00 2.09 -4.72	111.47 2.03 -6.32	100.00 2.40 0.00	110.08 2.24 -4.29	148.95 1.75 -58.29	110.84 2.10 0.00	98.34 1.85 0.00	99.58 1.85 0.00	131.82 2.10 0.00	107.45 2.15 0.00	131.09 2.90 0.00	147.47 3.20 0.00	153.77 3.04 0.00	75.63 2.41 0.00
BETHLEHEM___GS2 323561	193.89 2.84 -109.85	185.20 2.56 -106.00	183.39 3.61 -73.88	155.52 3.24 -40.31	191.96 3.48 -60.71	222.69 3.19 -71.85	164.61 2.12 -42.26	162.31 1.96 -13.86	155.89 1.64 -3.70	154.41 1.67 0.00	123.00 2.09 -4.72	111.47 2.03 -6.32	100.00 2.40 0.00	110.08 2.24 -4.29	148.95 1.75 -58.29	110.84 2.10 0.00	98.34 1.85 0.00	99.58 1.85 0.00	131.82 2.10 0.00	107.45 2.15 0.00	131.09 2.90 0.00	147.47 3.20 0.00	153.77 3.04 0.00	75.63 2.41 0.00
BETHLEHEM___GS3 323562	193.89 2.84 -109.85	185.20 2.56 -106.00	183.39 3.61 -73.88	155.52 3.24 -40.31	191.96 3.48 -60.71	222.69 3.19 -71.85	164.61 2.12 -42.26	162.31 1.96 -13.86	155.89 1.64 -3.70	154.41 1.67 0.00	123.00 2.09 -4.72	111.47 2.03 -6.32	100.00 2.40 0.00	110.08 2.24 -4.29	148.95 1.75 -58.29	110.84 2.10 0.00	98.34 1.85 0.00	99.58 1.85 0.00	131.82 2.10 0.00	107.45 2.15 0.00	131.09 2.90 0.00	147.47 3.20 0.00	153.77 3.04 0.00	75.63 2.41 0.00
BETHLEHEM___STEEL 23779	74.56 -6.63 0.00	70.42 -6.23 0.00	95.19 -9.89 0.82	101.38 -10.59 0.00	115.71 -12.06 0.00	133.97 -13.69 0.00	109.77 -10.46 0.00	133.02 -13.47 0.00	136.80 -13.76 0.00	139.12 -13.62 0.00	105.52 -10.67 0.00	92.87 -10.24 0.00	87.66 -9.95 0.00	93.38 -9.39 0.78	80.84 -8.08 0.00	93.30 -11.51 3.93	76.60 -10.24 9.64	64.67 -11.16 21.90	117.43 -12.19 0.11	91.56 -11.02 2.72	103.08 -13.59 11.53	128.50 -14.22 1.55	136.78 -13.94 0.00	66.63 -6.59 0.00
BETHLHEM_115KV_TB1 79974	187.93 2.84 -103.90	179.47 2.57 -100.26	179.33 3.55 -69.87	153.26 3.17 -38.13	188.63 3.44 -57.42	218.81 3.20 -67.96	162.43 2.23 -39.97	161.73 2.14 -13.10	155.91 1.85 -3.49	154.62 1.89 0.00	122.89 2.23 -4.46	111.22 2.12 -5.97	100.01 2.41 0.00	109.93 2.32 -4.06	146.16 1.88 -55.36	111.00 2.26 0.00	98.52 2.03 0.00	99.78 2.04 0.00	132.10 2.37 0.00	107.65 2.35 0.00	131.25 3.06 0.00	147.64 3.37 0.00	153.95 3.22 0.00	75.61 2.39 0.00
BETHPAGE_CC_5 323564	107.37 5.32 -20.86	101.73 4.96 -20.13	125.79 5.87 -14.01	124.45 5.01 -7.47	144.49 5.47 -11.26	166.81 5.83 -13.33	134.03 5.97 -7.84	157.17 7.98 -2.69	160.67 9.39 -0.72	162.24 9.50 0.00	142.10 8.79 -17.11	166.55 8.16 -55.27	145.40 8.00 -39.79	144.26 8.91 -31.80	121.71 6.99 -25.80	128.12 7.90 -11.48	103.44 6.95 0.00	104.64 6.90 0.00	138.58 8.86 0.00	112.93 7.63 0.00	145.20 8.81 -8.20	153.32 9.05 0.00	159.38 8.66 0.00	77.49 4.27 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	75.02 -6.17 0.00	70.84 -5.81 0.00	95.76 -9.31 0.84	102.02 -9.95 0.00	116.45 -11.31 0.00	134.82 -12.84 0.00	110.49 -9.74 0.00	133.90 -12.59 0.00	137.76 -12.80 0.00	140.05 -12.69 0.00	106.26 -9.94 0.00	93.53 -9.59 0.00	88.30 -9.30 0.00	94.02 -8.75 0.77	81.37 -7.54 0.00	93.97 -10.80 3.98	77.16 -9.56 9.77	65.24 -10.45 22.04	118.29 -11.32 0.11	92.24 -10.32 2.74	103.81 -12.81 11.57	129.33 -13.37 1.57	137.56 -13.16 0.00	66.98 -6.24 0.00

BINGHAMTON___COGEN 23790	89.81 -0.79 -9.40	84.89 -0.83 -9.07	110.22 -1.60 -5.91	113.12 -2.33 -3.48	130.68 -2.33 -5.25	151.08 -2.78 -6.21	122.31 -1.58 -3.66	145.80 -1.89 -1.21	149.11 -1.78 -0.32	150.81 -1.93 0.00	115.27 -1.34 -0.41	102.00 -1.67 -0.55	96.18 -1.43 0.00	102.52 -1.06 -0.04	94.38 -0.98 -6.45	105.16 -1.62 1.97	90.16 -1.50 4.84	85.65 -1.55 10.54	128.23 -1.44 0.06	102.61 -1.38 1.31	120.76 -1.99 5.44	141.24 -2.26 0.78	147.84 -2.89 0.00	71.88 -1.33 0.00
BIXINCNT_115KV_LOAD 355685	76.62 -4.58 0.00	72.40 -4.25 0.00	98.21 -6.81 0.88	104.64 -7.33 0.00	119.75 -8.01 0.00	138.46 -9.19 0.00	113.60 -6.63 0.00	138.42 -8.70 -0.63	141.88 -8.85 -0.17	144.01 -8.73 0.00	109.81 -6.60 -0.21	96.35 -7.05 -0.29	90.39 -7.22 0.00	96.57 -6.42 0.55	86.80 -5.48 -3.38	96.18 -8.36 4.21	78.35 -7.80 10.33	65.43 -9.61 22.70	118.69 -10.92 0.12	92.15 -10.33 2.82	102.42 -14.01 11.76	127.41 -15.20 1.66	134.90 -15.83 0.00	65.64 -7.57 0.00
BLACK RIVER___HYD 24047	84.31 3.11 0.00	79.50 2.85 0.00	109.70 3.79 0.00	115.97 4.01 0.00	132.68 4.92 0.00	153.96 6.31 0.00	126.51 6.28 0.00	154.37 7.88 0.00	158.73 8.17 0.00	160.23 7.50 0.00	121.01 4.82 0.00	106.62 3.50 0.00	100.63 3.03 0.00	106.64 3.09 0.00	92.15 3.24 0.00	113.25 4.50 0.00	101.15 4.66 0.00	102.66 4.92 0.00	137.65 7.92 0.00	110.12 4.82 0.00	130.43 2.24 0.00	145.38 1.11 0.00	151.18 0.46 0.00	72.97 -0.25 0.00
BLACKRVR_115KV_TB2 79977	84.31 3.12 0.00	79.50 2.85 0.00	109.70 3.80 0.00	115.96 4.00 0.00	132.68 4.92 0.00	153.97 6.32 0.00	126.50 6.27 0.00	154.37 7.88 0.00	158.74 8.18 0.00	160.23 7.50 0.00	121.01 4.81 0.00	106.62 3.50 0.00	100.63 3.03 0.00	106.63 3.08 0.00	92.15 3.24 0.00	113.25 4.50 0.00	101.14 4.65 0.00	102.66 4.92 0.00	137.64 7.91 0.00	110.12 4.82 0.00	130.43 2.24 0.00	145.37 1.10 0.00	151.18 0.46 0.00	72.96 -0.25 0.00
BLISS_WT_PWR 323608	76.63 -4.56 0.00	72.38 -4.27 0.00	98.23 -6.79 0.88	104.72 -7.25 0.00	119.93 -7.83 0.00	138.71 -8.94 0.00	113.80 -6.43 0.00	138.66 -8.47 -0.63	142.14 -8.58 -0.17	144.27 -8.46 0.00	110.00 -6.41 -0.21	96.43 -6.98 -0.29	90.35 -7.25 0.00	96.57 -6.43 0.55	86.77 -5.52 -3.38	96.07 -8.46 4.21	78.15 -8.01 10.33	64.99 -10.04 22.70	117.91 -11.69 0.12	91.32 -11.17 2.82	101.14 -15.29 11.76	125.83 -16.77 1.66	133.10 -17.63 0.00	64.78 -8.43 0.00
BLUESTONE___WT_PWR 323821	103.30 4.88 -17.23	97.83 4.56 -16.62	123.79 5.87 -12.01	123.86 5.52 -6.36	144.14 6.79 -9.59	167.21 8.22 -11.34	133.55 6.65 -6.67	157.62 8.93 -2.20	160.77 9.63 -0.59	162.28 9.54 0.00	123.43 6.48 -0.75	108.76 4.64 -1.01	101.57 3.97 0.00	107.89 3.95 -0.40	103.90 3.23 -11.75	114.50 3.70 -2.05	104.37 2.85 -5.02	105.13 1.96 -5.44	130.90 1.11 -0.06	105.14 -0.89 -0.72	128.05 -1.72 -1.58	143.12 -1.97 -0.81	147.09 -3.63 0.00	71.41 -1.81 0.00
BLUE_CIRC_CHEM_DRP 24182	175.01 5.82 -87.99	167.00 5.44 -84.91	172.72 7.64 -59.17	151.73 7.46 -32.29	184.94 8.53 -48.65	214.34 9.12 -57.57	161.31 7.22 -33.86	165.38 7.78 -11.11	160.34 6.82 -2.96	159.03 6.30 0.00	124.56 4.58 -3.78	111.62 3.37 -5.13	101.60 4.00 0.00	110.37 3.34 -3.48	140.14 3.93 -47.30	116.01 7.27 0.00	104.28 7.79 0.00	106.14 8.40 0.00	140.30 10.57 0.00	113.87 8.57 0.00	139.05 10.86 0.00	156.28 12.01 0.00	162.71 11.98 0.00	80.03 6.82 0.00
BOC_GAS_DRP 24189	154.62 2.59 -70.84	147.40 2.40 -68.35	156.69 3.15 -47.64	140.62 2.68 -25.98	169.86 2.98 -39.12	196.77 2.81 -46.30	149.69 2.23 -27.23	157.76 2.37 -8.91	155.14 2.21 -2.38	154.99 2.25 0.00	121.66 2.43 -3.03	109.41 2.23 -4.06	100.00 2.40 0.00	108.84 3.97 -2.76	130.04 2.01 -39.11	111.30 2.56 0.00	98.86 2.37 0.00	100.07 2.34 0.00	132.58 2.85 0.00	107.95 2.65 0.00	131.42 3.23 0.00	147.80 3.53 0.00	154.09 3.37 0.00	75.28 2.06 0.00
BOONVILLE_115KV_TB1 79983	84.15 2.95 0.00	79.40 2.75 0.00	109.60 3.70 0.00	115.78 3.82 0.00	132.41 4.65 0.00	153.27 5.62 0.00	125.54 5.31 0.00	153.01 6.52 0.00	157.12 6.56 0.00	159.28 6.54 0.00	120.83 4.63 0.00	107.01 3.89 0.00	101.19 3.59 0.00	107.19 3.77 0.13	92.32 3.41 0.00	113.03 4.29 0.00	100.57 4.07 0.00	100.81 4.23 1.15	135.61 5.88 0.00	109.09 3.92 0.13	130.40 3.06 0.85	147.04 2.77 0.00	153.28 2.56 0.00	74.46 1.24 0.00
BORALEX_4TH_BRANCH 23824	239.42 6.09 -152.13	229.09 5.64 -146.80	215.36 7.15 -102.31	174.60 6.81 -55.82	219.79 7.95 -84.08	255.39 8.23 -99.50	185.29 6.54 -58.52	176.08 8.57 -21.02	165.78 9.62 -5.61	163.36 10.62 0.00	132.36 9.01 -7.15	121.57 8.87 -9.58	105.99 8.39 0.00	119.40 9.35 -6.51	289.80 6.35 -194.54	115.10 6.35 0.00	102.96 6.47 0.00	104.05 6.31 0.00	137.71 7.99 0.00	112.29 6.98 0.00	136.66 8.47 0.00	153.83 9.56 0.00	160.29 9.57 0.00	78.14 4.93 0.00
BOWLINE___1 23526	104.22 3.46 -19.57	98.67 3.14 -18.89	122.69 3.62 -13.17	121.90 2.71 -7.23	141.69 3.04 -10.89	163.82 3.28 -12.89	131.27 3.46 -7.58	154.09 5.00 -2.60	157.09 5.84 -0.69	158.61 5.87 0.00	122.63 5.55 -0.88	109.35 5.05 -1.18	102.64 5.03 0.00	110.11 5.76 -0.81	107.21 4.41 -13.89	113.58 4.84 0.00	101.02 4.53 0.00	102.17 4.43 0.00	135.37 5.64 0.00	110.15 4.85 0.00	133.57 5.38 0.00	149.88 5.61 0.00	155.99 5.27 0.00	75.94 2.73 0.00
BOWLINE___2 23595	104.33 3.56 -19.58	98.78 3.24 -18.89	122.84 3.77 -13.17	122.08 2.88 -7.23	141.88 3.23 -10.89	164.04 3.49 -12.89	131.48 3.67 -7.58	154.37 5.28 -2.60	157.33 6.07 -0.69	158.88 6.14 0.00	122.84 5.76 -0.88	109.52 5.21 -1.18	102.77 5.17 0.00	110.27 5.91 -0.81	107.36 4.55 -13.89	113.75 5.00 0.00	101.18 4.69 0.00	102.32 4.59 0.00	135.60 5.87 0.00	110.32 5.02 0.00	133.76 5.57 0.00	150.13 5.85 0.00	156.20 5.48 0.00	76.04 2.83 0.00
BRADY___115KV_TB2 356060	82.43 1.24 0.00	77.83 1.19 0.00	108.19 2.29 0.00	116.63 4.67 0.00	132.95 5.19 0.00	154.40 6.75 0.00	124.76 4.53 0.00	151.87 5.38 0.00	154.90 4.34 0.00	157.05 4.32 0.00	118.53 2.33 0.00	105.20 2.08 0.00	99.19 1.59 0.00	104.73 1.19 0.00	90.35 1.44 0.00	110.57 1.83 0.00	98.33 1.84 0.00	99.90 2.16 0.00	132.02 2.29 0.00	106.80 1.51 0.00	131.03 2.84 0.00	148.17 3.90 0.00	156.57 5.85 0.00	75.30 2.09 0.00
BRANSCOMB___SOLAR 323811	293.49 5.87 -206.43	281.50 5.65 -199.19	252.09 7.36 -138.83	194.95 7.17 -75.81	250.42 8.47 -114.19	292.21 9.42 -135.14	207.90 8.19 -79.48	182.94 10.00 -26.45	167.65 10.04 -7.05	163.01 10.28 0.00	133.46 8.26 -9.00	122.46 7.28 -12.06	104.32 6.72 0.00	119.32 7.58 -8.19	298.83 5.82 -204.10	115.99 7.25 0.00	103.64 7.15 0.00	105.24 7.50 0.00	139.58 9.85 0.00	113.47 8.17 0.00	137.96 9.77 0.00	155.11 10.84 0.00	161.35 10.63 0.00	78.57 5.36 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	109.13 7.08 -20.86	103.41 6.64 -20.13	128.12 8.21 -14.01	126.73 7.29 -7.47	146.89 7.87 -11.26	169.77 8.79 -13.33	136.47 8.41 -7.84	159.69 10.51 -2.69	163.00 11.72 -0.72	165.61 11.54 -1.34	152.10 10.48 -25.42	168.74 10.35 -55.27	147.51 10.11 -39.79	146.48 11.14 -31.80	123.58 8.86 -25.80	130.51 10.29 -11.48	105.39 8.90 0.00	106.49 8.75 0.00	141.33 11.60 0.00	115.13 9.83 0.00	153.18 11.51 -13.48	156.10 11.83 0.00	162.59 11.87 0.00	79.00 5.78 0.00

BRISTLHL_115KV_TB1 79998	78.22 -2.98 0.00	73.83 -2.82 0.00	101.58 -4.32 0.00	107.11 -4.86 0.00	122.27 -5.50 0.00	141.40 -6.26 0.00	115.78 -4.45 0.00	141.12 -5.37 0.00	144.96 -5.60 0.00	147.09 -5.65 0.00	111.88 -4.32 0.00	99.07 -4.05 0.00	93.74 -3.86 0.00	99.92 -3.74 -0.12	85.72 -3.19 0.00	104.63 -4.12 0.00	92.98 -3.51 0.00	95.21 -3.53 -1.01	125.54 -4.19 0.00	101.78 -3.63 -0.12	124.19 -4.74 -0.74	138.84 -5.43 0.00	144.60 -6.12 0.00	70.22 -3.00 0.00
BROOKHAVEN___DRP 24191	109.18 7.13 -20.86	103.38 6.61 -20.13	127.94 8.02 -14.01	126.52 7.08 -7.47	146.64 7.63 -11.26	168.95 7.97 -13.33	136.11 8.04 -7.84	159.82 10.64 -2.69	163.02 11.74 -0.72	177.81 12.03 -13.05	224.94 10.45 -98.29	167.95 9.56 -55.27	146.98 9.59 -39.79	145.85 10.50 -31.80	122.99 8.27 -25.80	129.78 9.56 -11.48	104.70 8.21 0.00	105.80 8.06 0.00	140.30 10.58 0.00	114.41 9.10 -0.01	198.83 10.87 -59.77	155.62 11.34 -0.01	161.74 11.02 0.00	78.50 5.28 0.00
BROOKLYN_NAVY_YARD 23515	106.83 4.76 -20.88	101.04 4.25 -20.14	124.96 5.04 -14.02	123.48 4.04 -7.48	143.60 4.57 -11.26	165.97 4.99 -13.33	133.03 4.96 -7.84	156.44 7.25 -2.69	159.55 8.27 -0.72	161.12 8.38 0.00	124.81 7.70 -0.92	111.30 6.95 -1.23	104.49 6.89 0.00	112.13 7.75 -0.84	109.30 6.00 -14.39	115.50 6.75 0.00	102.72 6.23 0.00	103.83 6.10 0.00	137.44 7.72 0.00	111.82 6.52 0.00	135.50 7.31 0.00	151.91 7.64 0.00	157.90 7.18 0.00	76.88 3.67 0.00
BROOKLYN___ARMY_DRP 323595	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
BROOKVLE_69_KV_TB1 55790	108.05 6.00 -20.86	102.35 5.57 -20.13	126.62 6.71 -14.01	125.25 5.81 -7.47	145.79 6.77 -11.26	168.10 7.12 -13.33	135.09 7.03 -7.84	158.60 9.42 -2.69	162.52 11.24 -0.72	164.12 11.38 0.00	143.50 10.19 -17.11	167.76 9.37 -55.27	146.54 9.14 -39.79	145.50 10.15 -31.80	122.78 8.07 -25.80	129.37 9.14 -11.48	104.62 8.13 0.00	105.83 8.09 0.00	139.95 10.23 0.00	114.21 8.91 0.00	146.72 10.32 -8.20	155.03 10.76 0.00	161.06 10.33 0.00	78.32 5.11 0.00
BROOME_2_LFGE 323671	89.81 -0.78 -9.40	84.89 -0.83 -9.07	110.22 -1.60 -5.91	113.12 -2.33 -3.48	130.68 -2.33 -5.25	151.08 -2.79 -6.21	122.30 -1.58 -3.66	145.80 -1.89 -1.21	149.11 -1.77 -0.32	150.81 -1.93 0.00	115.27 -1.34 -0.41	101.99 -0.55 0.00	96.18 -1.42 0.00	102.52 -1.07 -0.04	94.39 -0.97 -6.45	105.17 -1.61 1.97	90.15 -1.50 4.84	85.65 -1.55 10.54	128.22 -1.44 0.06	102.62 -1.37 1.31	120.75 -2.00 5.44	141.23 -2.26 0.78	147.84 -2.89 0.00	71.88 -1.33 0.00
BROOME___LFGE 323600	89.81 -0.78 -9.40	84.89 -0.83 -9.07	110.22 -1.60 -5.91	113.12 -2.33 -3.48	130.68 -2.33 -5.25	151.08 -2.79 -6.21	122.30 -1.58 -3.66	145.80 -1.89 -1.21	149.11 -1.77 -0.32	150.81 -1.93 0.00	115.27 -1.34 -0.41	101.99 -0.55 0.00	96.18 -1.42 0.00	102.52 -1.07 -0.04	94.39 -0.97 -6.45	105.17 -1.61 1.97	90.15 -1.50 4.84	85.65 -1.55 10.54	128.22 -1.44 0.06	102.62 -1.37 1.31	120.75 -2.00 5.44	141.23 -2.26 0.78	147.84 -2.89 0.00	71.88 -1.33 0.00
BROWNFLS_115KV_TB_3_5 80003	82.95 1.75 0.00	78.24 1.59 0.00	108.40 2.50 0.00	115.91 3.94 0.00	132.42 4.65 0.00	153.64 5.99 0.00	124.92 4.69 0.00	151.97 5.48 0.00	155.15 4.59 0.00	157.43 4.70 0.00	119.30 3.10 0.00	105.63 2.51 0.00	99.68 2.07 0.00	105.38 1.83 0.00	90.91 2.01 0.00	111.06 2.31 0.00	98.60 2.11 0.00	99.98 2.25 0.00	132.80 3.08 0.00	106.70 1.40 0.00	128.53 0.34 0.00	144.79 0.52 0.00	152.74 2.02 0.00	73.74 0.52 0.00
BROWNSV1_27_KV_LOAD 356125	107.75 5.68 -20.88	101.95 5.15 -20.14	126.23 6.31 -14.02	124.81 5.37 -7.48	145.08 6.05 -11.26	167.71 6.73 -13.33	134.55 6.48 -7.84	158.27 9.09 -2.69	161.55 10.27 -0.72	163.21 10.47 0.00	126.40 9.29 -0.92	112.73 8.38 -1.23	105.81 8.21 0.00	113.56 9.18 -0.84	110.56 7.26 -14.39	116.94 8.19 0.00	104.03 7.54 0.00	105.17 7.44 0.00	139.19 9.47 0.00	113.24 7.94 0.00	137.17 8.97 0.00	153.84 9.57 0.00	159.81 9.09 0.00	77.76 4.55 0.00
BURROWS___LYONSDAL 23803	84.15 2.96 0.00	79.39 2.74 0.00	109.60 3.69 0.00	115.89 3.92 0.00	132.56 4.79 0.00	153.48 5.83 0.00	125.69 5.46 0.00	153.15 6.66 0.00	157.27 6.71 0.00	159.39 6.66 0.00	120.84 4.64 0.00	106.98 3.85 0.00	101.16 3.56 0.00	107.07 3.65 0.12	92.28 3.37 0.00	113.02 4.28 0.00	100.58 4.09 0.00	100.93 4.26 1.07	135.75 6.03 0.00	108.92 3.74 0.12	129.66 2.26 0.79	146.05 1.77 0.00	152.29 1.57 0.00	74.00 0.78 0.00
CAITHNESS_CC_1 323624	108.91 6.86 -20.86	103.13 6.35 -20.13	127.61 7.70 -14.01	126.20 6.76 -7.47	146.28 7.26 -11.26	168.60 7.62 -13.33	135.77 7.71 -7.84	159.38 10.20 -2.69	162.57 11.29 -0.72	177.36 11.57 -13.06	224.73 10.17 -98.37	167.71 9.32 -55.27	146.74 9.35 -39.79	145.59 10.24 -31.80	122.78 8.07 -25.80	129.53 9.30 -11.48	104.50 8.01 0.00	105.58 7.84 0.00	140.00 10.28 0.00	114.19 8.88 -0.01	198.52 10.51 -59.82	155.24 10.96 -0.01	161.39 10.66 0.00	78.34 5.12 0.00
CALPINE BETH_PAGE_GT4 24209	107.23 5.18 -20.86	101.60 4.82 -20.13	125.61 5.70 -14.01	124.25 4.81 -7.47	144.31 5.29 -11.26	166.54 5.56 -13.33	133.82 5.75 -7.84	156.96 7.78 -2.69	160.42 9.15 -0.72	162.04 9.30 0.00	141.93 8.63 -17.11	166.38 7.99 -55.27	145.26 7.87 -39.79	144.06 8.71 -31.80	121.54 6.82 -25.80	127.93 7.70 -11.48	103.23 6.74 0.00	104.44 6.70 0.00	138.32 8.60 0.00	112.74 7.44 0.00	144.94 8.54 -8.20	153.05 8.78 0.00	159.07 8.35 0.00	77.38 4.16 0.00
CALPINE_BETH_PAGE_GT_4 323586	107.23 5.18 -20.86	101.59 4.81 -20.13	125.61 5.70 -14.01	124.23 4.79 -7.47	144.29 5.27 -11.26	166.54 5.56 -13.33	133.81 5.74 -7.84	156.96 7.78 -2.69	160.42 9.15 -0.72	162.06 9.32 0.00	141.93 8.63 -17.11	166.39 8.00 -55.27	145.26 7.87 -39.79	144.06 8.71 -31.80	121.54 6.82 -25.80	127.93 7.70 -11.48	103.21 6.72 0.00	104.44 6.70 0.00	138.32 8.60 0.00	112.74 7.44 0.00	144.95 8.55 -8.20	153.04 8.77 0.00	159.09 8.37 0.00	77.38 4.16 0.00
CALPINE_BP_GT1 23823	107.23 5.18 -20.86	101.59 4.81 -20.13	125.61 5.70 -14.01	124.23 4.79 -7.47	144.29 5.27 -11.26	166.54 5.56 -13.33	133.81 5.74 -7.84	156.96 7.78 -2.69	160.42 9.15 -0.72	162.06 9.32 0.00	141.93 8.63 -17.11	166.39 8.00 -55.27	145.26 7.87 -39.79	144.06 8.71 -31.80	121.54 6.82 -25.80	127.93 7.70 -11.48	103.21 6.72 0.00	104.44 6.70 0.00	138.32 8.60 0.00	112.74 7.44 0.00	144.95 8.55 -8.20	153.04 8.77 0.00	159.09 8.37 0.00	77.38 4.16 0.00
CALSPAN___DRP 24200	74.56 -6.63 0.00	70.42 -6.23 0.00	95.19 -9.89 0.82	101.38 -10.59 0.00	115.71 -12.06 0.00	133.97 -13.69 0.00	109.77 -10.46 0.00	133.02 -13.47 0.00	136.80 -13.76 0.00	139.12 -13.62 0.00	105.52 -10.67 0.00	92.87 -10.24 0.00	87.66 -9.95 0.00	93.38 -9.39 0.78	80.84 -8.08 0.00	93.30 -11.51 3.93	76.60 -10.24 9.64	64.67 -11.16 21.90	117.43 -12.19 0.11	91.56 -11.02 2.72	103.08 -13.59 11.53	128.50 -14.22 1.55	136.78 -13.94 0.00	66.63 -6.59 0.00

CALVERTON___SOLAR 323806	109.53 7.48 -20.86	103.68 6.91 -20.13	128.35 8.43 -14.01	126.88 7.44 -7.47	147.04 8.02 -11.26	169.22 8.24 -13.33	136.42 8.36 -7.84	160.31 11.13 -2.69	163.46 12.18 -0.72	178.29 12.50 -13.05	225.25 10.74 -98.32	168.15 9.77 -55.27	147.25 9.86 -39.79	146.11 10.76 -31.80	123.20 8.48 -25.80	130.03 9.80 -11.48	104.89 8.41 0.00	105.99 8.25 0.00	140.63 10.90 0.00	114.65 9.34 -0.01	199.19 11.23 -59.77	155.96 11.68 -0.01	162.07 11.34 0.00	78.63 5.42 0.00
CANDIGU_WT_PWR 323617	83.11 -4.19 -6.11	78.55 -3.99 -5.89	101.92 -6.54 -2.56	106.66 -7.57 -2.27	123.11 -8.06 -3.41	142.24 -9.45 -4.04	116.24 -6.36 -2.38	139.31 -7.96 -0.79	142.76 -8.01 -0.21	144.33 -8.41 0.00	109.49 -6.97 -0.27	95.91 -7.57 -0.36	90.88 -6.72 0.00	97.51 -5.69 0.34	88.01 -5.09 -4.19	93.65 -7.66 7.43	71.19 -7.07 18.24	56.31 -7.67 33.76	120.38 -9.13 0.21	92.85 -8.20 4.25	101.80 -10.28 16.11	130.75 -10.59 2.93	139.73 -10.99 0.00	68.37 -4.84 0.00
CARR STREET_E_SYR 24060	78.60 -2.60 0.00	74.16 -2.49 0.00	102.07 -3.84 0.00	107.54 -4.43 0.00	122.84 -4.92 0.00	142.12 -5.53 0.00	116.34 -3.89 0.00	141.80 -4.69 0.00	145.83 -4.73 0.00	147.82 -4.92 0.00	112.41 -3.79 0.00	99.47 -3.65 0.00	94.11 -3.49 0.00	99.71 -3.31 0.53	86.08 -2.83 0.00	105.04 -3.70 0.00	93.31 -3.17 0.00	89.98 -3.18 4.57	126.00 -3.73 0.00	101.47 -3.30 0.53	120.54 -4.27 3.38	139.33 -4.94 0.00	145.13 -5.60 0.00	70.50 -2.72 0.00
CARTHAGE___PAPER 23857	84.75 3.56 0.00	79.94 3.29 0.00	110.43 4.53 0.00	117.11 5.14 0.00	133.99 6.23 0.00	155.46 7.80 0.00	127.41 7.18 0.00	155.38 8.88 0.00	159.55 8.99 0.00	161.27 8.53 0.00	121.89 5.70 0.00	107.52 4.40 0.00	101.56 3.95 0.00	107.49 3.95 0.00	92.82 3.91 0.00	113.96 5.22 0.00	101.61 5.12 0.00	103.09 5.36 0.00	137.87 8.15 0.00	110.29 4.99 0.00	130.95 2.76 0.00	146.29 2.02 0.00	152.56 1.83 0.00	73.77 0.56 0.00
CASSADAGA_WT_PWR 323784	76.34 -4.85 0.00	71.86 -4.79 0.00	97.29 -7.75 0.86	103.66 -8.31 0.00	118.20 -9.57 0.00	136.59 -11.06 0.00	112.43 -7.80 0.00	136.87 -9.62 0.00	140.27 -10.29 0.00	142.30 -10.43 0.00	108.02 -8.18 0.00	94.76 -8.35 0.00	90.10 -7.50 0.00	96.02 -6.77 0.76	82.99 -5.92 0.00	95.97 -8.66 4.12	78.21 -8.17 10.11	64.61 -10.66 22.46	118.00 -11.60 0.12	91.88 -10.63 2.79	103.10 -13.39 11.70	128.02 -14.63 1.63	135.99 -14.74 0.00	66.25 -6.96 0.00
CE_DUNWOOD___DRP 24194	106.39 4.46 -20.73	100.72 4.07 -20.01	124.66 4.83 -13.93	123.31 3.88 -7.46	143.37 4.38 -11.23	165.75 4.80 -13.30	132.74 4.69 -7.82	155.82 6.64 -2.69	158.92 7.64 -0.72	160.43 7.69 0.00	124.16 7.05 -0.91	110.78 6.43 -1.22	103.97 6.37 0.00	111.55 7.17 -0.83	108.81 5.55 -14.35	114.91 6.17 0.00	102.23 5.74 0.00	103.42 5.69 0.00	136.95 7.23 0.00	111.43 6.12 0.00	135.10 6.91 0.00	151.59 7.32 0.00	157.65 6.93 0.00	76.75 3.53 0.00
CE_MILLWOOD___DRP 24193	106.01 4.25 -20.57	100.35 3.86 -19.85	124.31 4.58 -13.82	123.04 3.64 -7.43	143.09 4.13 -11.20	165.38 4.47 -13.26	132.45 4.42 -7.80	155.42 6.25 -2.68	158.46 7.19 -0.71	159.98 7.24 0.00	123.79 6.68 -0.91	110.43 6.09 -1.22	103.62 6.02 0.00	111.18 6.80 -0.83	108.45 5.24 -14.31	114.59 5.84 0.00	101.93 5.44 0.00	103.12 5.39 0.00	136.56 6.84 0.00	111.13 5.83 0.00	134.77 6.57 0.00	151.18 6.91 0.00	157.24 6.51 0.00	76.55 3.34 0.00
CE_NYC2_DRP 24202	107.17 5.10 -20.88	101.45 4.65 -20.15	125.44 5.51 -14.03	124.04 4.59 -7.48	144.16 5.14 -11.26	166.55 5.56 -13.33	133.46 5.39 -7.84	156.94 7.76 -2.69	160.09 8.81 -0.72	161.78 9.04 0.00	125.40 8.28 -0.92	111.84 7.50 -1.23	105.05 7.45 0.00	112.78 8.39 -0.84	109.77 6.47 -14.39	115.97 7.23 0.00	103.14 6.65 0.00	104.30 6.57 0.00	138.06 8.34 0.00	112.32 7.02 0.00	136.03 7.84 0.00	152.60 8.32 0.00	158.57 7.84 0.00	77.20 3.99 0.00
CE_NYC_DRP 24195	106.94 4.87 -20.88	101.21 4.42 -20.14	125.20 5.28 -14.02	123.74 4.30 -7.48	143.90 4.87 -11.26	166.27 5.29 -13.33	133.30 5.23 -7.84	156.67 7.49 -2.69	159.87 8.59 -0.72	161.49 8.75 0.00	125.13 8.01 -0.92	111.60 7.25 -1.23	104.79 7.18 0.00	112.45 8.06 -0.84	109.58 6.29 -14.39	115.78 7.04 0.00	102.97 6.48 0.00	104.10 6.36 0.00	137.72 8.00 0.00	112.04 6.74 0.00	135.73 7.54 0.00	152.18 7.91 0.00	158.13 7.40 0.00	77.01 3.80 0.00
CHAFFEE___LFGE 323603	75.35 -5.84 0.00	71.14 -5.51 0.00	96.13 -8.92 0.85	102.38 -9.59 0.00	116.91 -10.86 0.00	135.58 -12.08 0.00	111.05 -9.17 0.00	134.58 -11.91 0.00	138.52 -12.04 0.00	140.83 -11.91 0.00	106.76 -9.44 0.00	93.95 -9.17 0.00	88.77 -8.84 0.00	94.52 -8.27 0.76	81.78 -7.13 0.00	94.32 -10.35 4.08	77.41 -9.08 10.00	65.61 -9.81 22.32	119.05 -10.56 0.12	92.85 -9.68 2.77	104.65 -11.89 11.65	130.18 -12.48 1.61	138.33 -12.40 0.00	67.42 -5.79 0.00
CHATEAUG_35_KV_LOAD 355732	82.08 0.88 0.00	77.39 0.74 0.00	107.66 1.76 0.00	115.37 3.40 0.00	131.35 3.58 0.00	151.85 4.20 0.00	123.34 3.11 0.00	149.83 3.35 0.00	153.86 3.30 0.00	156.28 3.54 0.00	117.91 1.71 0.00	104.60 1.48 0.00	98.49 0.88 0.00	103.88 0.33 0.00	89.47 0.56 0.00	109.82 1.08 0.00	97.60 1.10 0.00	98.16 0.43 0.00	129.60 -0.13 0.00	104.35 -0.95 0.00	127.81 -0.38 0.00	145.27 1.00 0.00	153.41 2.68 0.00	73.30 0.08 0.00
CHATEAUG_WT_PWR 323614	81.89 0.70 0.00	77.22 0.57 0.00	107.38 1.47 0.00	114.99 3.02 0.00	130.95 3.19 0.00	151.18 3.52 0.00	122.22 1.99 0.00	148.80 2.32 0.00	152.84 2.28 0.00	155.34 2.60 0.00	117.45 1.26 0.00	104.25 1.13 0.00	98.22 0.62 0.00	103.75 0.20 0.00	89.24 0.33 0.00	109.58 0.83 0.00	96.96 0.46 0.00	97.75 0.02 0.00	129.09 -0.64 0.00	103.88 -1.42 0.00	127.12 -1.07 0.00	144.48 0.21 0.00	152.58 1.86 0.00	73.01 -0.21 0.00
CHAT_HIGH_FALL_HYD 323578	82.08 0.88 0.00	77.39 0.74 0.00	107.66 1.76 0.00	115.37 3.40 0.00	131.35 3.58 0.00	151.85 4.20 0.00	123.34 3.11 0.00	149.83 3.35 0.00	153.86 3.30 0.00	156.28 3.54 0.00	117.91 1.71 0.00	104.60 1.48 0.00	98.49 0.88 0.00	103.88 0.33 0.00	89.47 0.56 0.00	109.82 1.08 0.00	97.60 1.10 0.00	98.16 0.43 0.00	129.60 -0.13 0.00	104.35 -0.95 0.00	127.81 -0.38 0.00	145.27 1.00 0.00	153.41 2.68 0.00	73.30 0.08 0.00
CHAUTAUQUA___LFGE 323629	75.42 -5.77 0.00	71.02 -5.62 0.00	96.08 -8.98 0.84	102.43 -9.53 0.00	116.81 -10.95 0.00	135.11 -12.55 0.00	110.99 -9.23 0.00	134.89 -11.60 0.00	138.43 -12.13 0.00	140.42 -12.31 0.00	106.38 -9.82 0.00	93.31 -9.80 0.00	88.60 -9.00 0.00	94.48 -8.29 0.77	81.78 -7.13 0.00	94.50 -10.21 4.03	77.27 -9.33 9.89	64.48 -11.04 22.22	117.49 -12.12 0.12	91.59 -10.96 2.76	102.93 -13.64 11.63	127.78 -14.90 1.59	136.01 -14.71 0.00	66.20 -7.01 0.00
CHERRYST_13_KV_LD 356241	107.14 5.07 -20.88	101.40 4.60 -20.14	125.49 5.57 -14.02	124.04 4.59 -7.48	144.21 5.19 -11.26	166.68 5.70 -13.33	133.66 5.60 -7.84	157.14 7.96 -2.69	160.38 9.10 -0.72	162.02 9.28 0.00	125.57 8.46 -0.92	111.98 7.64 -1.23	105.11 7.51 0.00	112.83 8.44 -0.84	109.92 6.62 -14.39	116.16 7.42 0.00	103.32 6.83 0.00	104.44 6.70 0.00	138.17 8.45 0.00	112.39 7.09 0.00	136.11 7.92 0.00	152.61 8.34 0.00	158.58 7.85 0.00	77.21 4.00 0.00

CHESTROR_138KV_BK263 355645	102.58 3.14 -18.24	97.14 2.89 -17.60	121.59 3.41 -12.29	121.71 2.83 -6.92	141.40 3.22 -10.42	163.49 3.50 -12.34	131.04 3.55 -7.26	154.00 5.03 -2.48	156.98 5.76 -0.66	158.54 5.80 0.00	122.40 5.36 -0.84	109.11 4.86 -1.13	102.42 4.82 0.00	109.78 5.47 -0.77	106.37 4.19 -13.27	113.44 4.69 0.00	100.88 4.39 0.00	102.10 4.36 0.00	135.33 5.61 0.00	110.08 4.78 0.00	133.52 5.33 0.00	149.88 5.61 0.00	155.98 5.26 0.00	75.91 2.70 0.00
CH_MIDHUDSON___DRP 24192	107.80 4.65 -21.96	102.06 4.22 -21.19	125.75 5.09 -14.76	124.18 4.29 -7.93	144.58 4.88 -11.94	167.13 5.34 -14.13	133.59 5.05 -8.31	156.36 7.01 -2.86	159.28 7.96 -0.77	160.73 7.99 0.00	124.32 7.15 -0.98	110.93 6.51 -1.31	104.01 6.41 0.00	111.56 7.13 -0.89	109.65 5.47 -15.27	114.92 6.17 0.00	102.34 5.85 0.00	103.65 5.91 0.00	137.30 7.57 0.00	111.75 6.44 0.00	135.53 7.34 0.00	152.10 7.82 0.00	158.16 7.44 0.00	76.98 3.77 0.00
CH_MISC_IPPS 23765	107.43 4.87 -21.36	101.67 4.41 -20.61	125.66 5.40 -14.35	124.41 4.69 -7.75	144.79 5.36 -11.67	167.48 6.01 -13.82	134.03 5.68 -8.13	157.09 7.81 -2.79	160.18 8.87 -0.75	161.69 8.96 0.00	125.04 7.88 -0.96	111.53 7.12 -1.28	104.56 6.96 0.00	112.15 7.74 -0.87	109.77 5.97 -14.89	115.52 6.77 0.00	102.87 6.38 0.00	104.20 6.46 0.00	138.10 8.38 0.00	112.36 7.06 0.00	136.24 8.05 0.00	152.86 8.59 0.00	158.88 8.15 0.00	77.31 4.09 0.00
CH_RES_BVR_FALLS 23983	81.00 -0.19 0.00	76.48 -0.16 0.00	106.04 0.14 0.00	113.01 1.04 0.00	128.87 1.10 0.00	149.14 1.49 0.00	120.97 0.74 0.00	147.31 0.82 0.00	151.30 0.74 0.00	153.55 0.81 0.00	116.48 0.28 0.00	103.44 0.32 0.00	97.76 0.15 0.00	103.46 -0.09 0.00	88.99 0.08 0.00	108.94 0.19 0.00	96.46 -0.03 0.00	97.64 -0.10 0.00	129.22 -0.50 0.00	104.31 -0.99 0.00	126.52 -1.67 0.00	142.44 -1.83 0.00	149.39 -1.34 0.00	72.29 -0.92 0.00
CH_RES_NIAGARA 23895	71.26 -9.93 0.00	67.33 -9.32 0.00	90.98 -14.20 0.72	96.85 -15.12 0.00	110.34 -17.42 0.00	127.83 -19.83 0.00	104.51 -15.72 0.00	126.25 -20.24 0.00	130.00 -20.56 0.00	132.45 -20.28 0.00	100.47 -15.73 0.00	88.58 -14.54 0.00	83.41 -14.19 0.00	88.60 -14.13 0.82	76.81 -12.10 0.00	88.97 -16.33 3.44	73.58 -14.47 8.45	61.90 -15.48 20.36	111.47 -18.15 0.10	86.97 -15.82 2.51	98.13 -19.11 10.95	122.48 -20.43 1.36	130.70 -20.02 0.00	63.67 -9.54 0.00
CH_RES_SYRACUSE 23985	79.41 -1.79 0.00	74.92 -1.72 0.00	103.12 -2.79 0.00	108.62 -3.35 0.00	124.02 -3.74 0.00	143.53 -4.13 0.00	117.52 -2.71 0.00	143.16 -3.33 0.00	147.15 -3.41 0.00	149.12 -3.62 0.00	113.38 -2.82 0.00	100.27 -2.85 0.00	94.89 -2.71 0.00	100.75 -2.50 0.30	86.83 -2.08 0.00	105.98 -2.77 0.00	94.19 -2.30 0.00	92.93 -2.19 2.61	127.28 -2.45 0.00	102.74 -2.27 0.30	123.29 -2.97 1.93	140.72 -3.55 0.00	146.48 -4.24 0.00	71.16 -2.06 0.00
CLINTON_WT_PWR 323605	81.89 0.70 0.00	77.22 0.57 0.00	107.38 1.47 0.00	114.99 3.02 0.00	130.95 3.19 0.00	151.18 3.52 0.00	122.22 1.99 0.00	148.80 2.32 0.00	152.84 2.28 0.00	155.34 2.60 0.00	117.45 1.26 0.00	104.25 1.13 0.00	98.22 0.62 0.00	103.75 0.20 0.00	89.24 0.33 0.00	109.58 0.83 0.00	96.96 0.46 0.00	97.75 0.02 0.00	129.09 -0.64 0.00	103.88 -1.42 0.00	127.12 -1.07 0.00	144.48 0.21 0.00	152.58 1.86 0.00	73.01 -0.21 0.00
CLINTON___LFGE 323618	83.22 2.03 0.00	78.49 1.84 0.00	109.11 3.21 0.00	116.87 4.90 0.00	133.14 5.38 0.00	153.38 5.73 0.00	124.30 4.07 0.00	151.20 4.71 0.00	155.12 4.56 0.00	157.47 4.73 0.00	118.86 2.66 0.00	105.47 2.35 0.00	99.28 1.67 0.00	104.92 1.38 0.00	90.10 1.19 0.00	110.94 2.19 0.00	98.51 2.02 0.00	99.35 1.61 0.00	131.33 1.60 0.00	105.73 0.43 0.00	129.20 1.01 0.00	146.62 2.35 0.00	154.68 3.96 0.00	74.39 1.17 0.00
COBBLENY_34_KV_TB1 80064	75.31 -5.88 0.00	71.11 -5.54 0.00	96.12 -8.93 0.85	102.36 -9.61 0.00	116.90 -10.87 0.00	135.48 -12.17 0.00	111.03 -9.19 0.00	134.59 -11.90 0.00	138.50 -12.06 0.00	140.81 -11.92 0.00	106.75 -9.45 0.00	93.95 -9.17 0.00	88.73 -8.88 0.00	94.49 -8.29 0.76	81.80 -7.11 0.00	94.31 -10.36 4.08	77.41 -9.08 10.00	65.57 -9.84 22.32	119.04 -10.57 0.12	92.88 -9.65 2.77	104.60 -11.95 11.65	130.18 -12.48 1.61	138.32 -12.40 0.00	67.41 -5.81 0.00
COFFEEN___115KV_TB3 355620	84.80 3.61 0.00	79.96 3.31 0.00	110.28 4.38 0.00	116.56 4.60 0.00	133.45 5.69 0.00	154.86 7.21 0.00	127.40 7.17 0.00	155.55 9.06 0.00	159.94 9.38 0.00	161.17 8.43 0.00	121.63 5.43 0.00	107.14 4.02 0.00	100.95 3.34 0.00	106.88 3.34 0.00	92.51 3.60 0.00	113.87 5.12 0.00	101.83 5.34 0.00	103.46 5.72 0.00	138.83 9.11 0.00	111.14 5.84 0.00	131.75 3.56 0.00	146.84 2.57 0.00	152.52 1.80 0.00	73.59 0.37 0.00
COLDSPRG_115KV_BK1 355956	77.51 -3.68 0.00	73.06 -3.58 0.00	99.12 -6.06 0.72	107.03 -6.78 -1.84	122.98 -7.56 -2.77	142.14 -8.79 -3.28	115.99 -6.17 -1.93	139.45 -7.69 -0.64	142.56 -8.17 -0.17	144.65 -8.09 0.00	110.42 -6.00 -0.22	97.41 -6.00 -0.29	92.06 -5.54 0.00	98.23 -4.78 0.54	88.32 -4.00 -3.41	98.20 -6.29 4.26	80.12 -5.91 10.46	67.52 -7.36 22.85	122.24 -7.36 0.12	95.57 -6.90 2.84	107.59 -8.78 11.81	133.48 -9.11 1.68	141.72 -9.01 0.00	68.91 -4.31 0.00
COLONIE_LFGE___ 323577	264.12 4.56 -178.38	253.02 4.25 -172.13	231.31 5.44 -119.97	182.60 5.14 -65.49	232.41 6.00 -98.65	270.66 6.26 -116.75	194.13 5.23 -68.66	175.94 6.43 -23.02	163.43 6.74 -6.14	159.52 6.78 0.00	129.85 5.82 -7.83	119.14 5.52 -10.49	102.86 5.26 0.00	116.51 5.83 -7.13	314.13 4.26 -220.97	113.76 5.02 0.00	101.46 4.97 0.00	102.74 5.01 0.00	136.11 6.38 0.00	110.79 5.49 0.00	134.84 6.65 0.00	151.73 7.46 0.00	158.07 7.34 0.00	77.09 3.88 0.00
COOPERNY_115KV_TB1 80082	98.36 2.16 -15.01	93.13 2.00 -14.48	118.35 2.34 -10.12	119.58 1.88 -5.74	138.54 2.13 -8.64	160.18 2.30 -10.24	128.64 2.39 -6.02	151.95 3.42 -2.04	155.05 3.95 -0.54	156.69 3.95 0.00	120.66 3.77 -0.69	107.42 3.37 -0.93	100.97 3.37 0.00	108.06 3.88 -0.64	102.81 2.99 -10.92	112.05 3.31 0.00	99.56 3.07 0.00	100.73 3.00 0.00	133.62 3.90 0.00	108.63 3.33 0.00	131.88 3.69 0.00	148.14 3.87 0.00	154.28 3.55 0.00	75.05 1.83 0.00
COPENHAGEN_WT_PWR 323753	83.65 2.45 0.00	78.92 2.27 0.00	108.86 2.95 0.00	114.98 3.02 0.00	131.44 3.68 0.00	152.39 4.74 0.00	125.17 4.94 0.00	152.74 6.25 0.00	157.20 6.65 0.00	158.91 6.18 0.00	120.09 3.89 0.00	105.84 2.72 0.00	99.94 2.34 0.00	105.93 2.38 0.00	91.48 2.57 0.00	112.28 3.53 0.00	100.23 3.74 0.00	101.71 3.98 0.00	136.39 6.66 0.00	108.94 3.64 0.00	128.55 0.36 0.00	143.10 -1.17 0.00	148.69 -2.04 0.00	71.75 -1.46 0.00
CORNELL_____ 23752	88.55 0.61 -6.74	83.69 0.54 -6.51	114.62 0.25 -8.48	114.16 -0.32 -2.51	131.49 -0.04 -3.77	152.33 0.22 -4.46	123.96 1.11 -2.62	148.78 1.43 -0.87	152.17 1.38 -0.23	153.75 1.02 0.00	117.13 0.64 -0.29	103.08 -0.45 -0.40	97.16 -0.45 0.00	103.43 -0.01 0.11	93.87 0.34 -4.63	127.83 0.27 -18.81	143.13 0.47 -46.17	167.62 0.63 -69.26	131.59 1.33 -0.54	114.83 0.64 -8.89	157.47 0.49 -28.79	151.89 0.19 -7.43	150.02 -0.71 -0.01	72.87 -0.34 0.00

CORONA V_69_KV_TB1 355595	107.74 5.69 -20.86	102.12 5.34 -20.13	126.22 6.31 -14.01	124.83 5.39 -7.47	145.04 6.03 -11.26	167.50 6.52 -13.33	134.40 6.33 -7.84	157.77 8.58 -2.69	161.18 9.90 -0.72	162.76 10.02 0.00	142.37 9.06 -17.11	166.73 8.34 -55.27	145.56 8.17 -39.79	144.46 9.11 -31.80	121.90 7.19 -25.80	128.36 8.13 -11.48	103.82 7.34 0.00	104.99 7.25 0.00	139.04 9.32 0.00	113.24 7.94 0.00	145.71 9.31 -8.20	153.90 9.63 0.00	160.10 9.38 0.00	77.84 4.63 0.00
CORTLAND_115KV_TB3 80093	86.20 -0.05 -5.06	81.46 -0.07 -4.88	109.84 -0.51 -4.46	112.79 -1.05 -1.88	129.68 -0.91 -2.83	150.09 -0.90 -3.35	122.26 0.06 -1.97	147.30 0.16 -0.65	150.89 0.16 -0.17	152.67 -0.07 0.00	116.32 -0.10 -0.22	102.78 -0.64 -0.30	96.97 -0.64 0.00	103.09 -0.30 0.16	92.24 -0.15 -3.47	113.43 -0.34 -5.02	108.67 -0.15 -12.33	113.86 -0.09 -16.21	130.22 0.35 -0.14	107.40 -0.01 -2.11	133.83 -0.36 -6.00	145.60 -0.66 -1.98	149.36 -1.37 0.00	72.57 -0.65 0.00
COXSACKIE__GT 23611	168.17 7.55 -79.43	160.25 6.96 -76.64	169.00 9.68 -53.41	150.94 9.80 -29.17	182.86 11.16 -43.94	212.08 12.43 -52.00	161.30 10.48 -30.58	168.86 12.32 -10.05	165.00 11.76 -2.68	163.87 11.13 0.00	124.84 5.22 -3.42	112.25 4.53 -4.60	103.78 6.18 0.00	112.60 5.93 -3.13	137.60 5.64 -43.05	117.56 8.82 0.00	105.32 8.83 0.00	107.17 9.43 0.00	141.97 12.24 0.00	115.28 9.97 0.00	140.31 12.11 0.00	157.46 13.19 0.00	163.69 12.96 0.00	80.31 7.10 0.00
CPV_VALLEY__CC1 323721	100.22 2.41 -16.62	94.90 2.21 -16.03	119.63 2.52 -11.20	120.36 1.97 -6.43	139.65 2.21 -9.68	161.46 2.34 -11.46	129.52 2.55 -6.74	152.51 3.72 -2.30	155.63 4.46 -0.61	157.25 4.51 0.00	121.32 4.34 -0.78	108.10 3.93 -1.05	101.54 3.93 0.00	108.77 4.51 -0.71	104.63 3.43 -12.29	112.50 3.76 0.00	100.03 3.54 0.00	101.15 3.41 0.00	134.07 4.35 0.00	109.06 3.76 0.00	132.33 4.14 0.00	148.60 4.33 0.00	154.66 3.94 0.00	75.29 2.07 0.00
CPV_VALLEY__CC2 323722	100.22 2.41 -16.62	94.90 2.21 -16.03	119.63 2.52 -11.20	120.36 1.97 -6.43	139.65 2.21 -9.68	161.46 2.34 -11.46	129.52 2.55 -6.74	152.51 3.72 -2.30	155.63 4.46 -0.61	157.25 4.51 0.00	121.32 4.34 -0.78	108.10 3.93 -1.05	101.54 3.93 0.00	108.77 4.51 -0.71	104.63 3.43 -12.29	112.50 3.76 0.00	100.03 3.54 0.00	101.15 3.41 0.00	134.07 4.35 0.00	109.06 3.76 0.00	132.33 4.14 0.00	148.60 4.33 0.00	154.66 3.94 0.00	75.29 2.07 0.00
CRESCENT__HYD 24018	264.12 4.56 -178.38	253.02 4.25 -172.13	231.31 5.44 -119.97	182.60 5.14 -65.49	232.41 6.00 -98.65	270.66 6.26 -116.75	194.13 5.23 -68.66	175.94 6.43 -23.02	163.43 6.74 -6.14	159.52 6.78 0.00	129.85 5.82 -7.83	119.14 5.52 -10.49	102.86 5.26 0.00	116.51 5.83 -7.13	314.13 4.26 -220.97	113.76 5.02 0.00	101.46 4.97 0.00	102.74 5.01 0.00	136.11 6.38 0.00	110.79 5.49 0.00	134.84 6.65 0.00	151.73 7.46 0.00	158.07 7.34 0.00	77.09 3.88 0.00
CRICKET__VALLEY_CC1 323756	111.02 4.22 -25.61	105.12 3.75 -24.71	127.43 4.33 -17.20	124.57 3.50 -9.10	145.43 3.96 -13.71	168.08 4.19 -16.24	133.68 3.90 -9.55	155.75 5.85 -3.41	158.56 7.09 -0.91	159.54 6.80 0.00	123.68 6.32 -1.16	110.56 5.88 -1.55	103.49 5.89 0.00	111.15 6.54 -1.06	116.22 4.72 -22.60	113.70 4.95 0.00	101.46 4.98 0.00	102.82 5.09 0.00	136.11 6.39 0.00	110.82 5.52 0.00	134.53 6.34 0.00	151.07 6.80 0.00	157.13 6.41 0.00	76.58 3.36 0.00
CRICKET__VALLEY_CC2 323757	111.02 4.22 -25.61	105.12 3.75 -24.71	127.43 4.33 -17.20	124.57 3.50 -9.10	145.43 3.96 -13.71	168.08 4.19 -16.24	133.68 3.90 -9.55	155.75 5.85 -3.41	158.56 7.09 -0.91	159.54 6.80 0.00	123.68 6.32 -1.16	110.56 5.88 -1.55	103.49 5.89 0.00	111.15 6.54 -1.06	116.22 4.72 -22.60	113.70 4.95 0.00	101.46 4.98 0.00	102.82 5.09 0.00	136.11 6.39 0.00	110.82 5.52 0.00	134.53 6.34 0.00	151.07 6.80 0.00	157.13 6.41 0.00	76.58 3.36 0.00
CRICKET__VALLEY_CC3 323758	111.02 4.22 -25.61	105.12 3.75 -24.71	127.43 4.33 -17.20	124.57 3.50 -9.10	145.43 3.96 -13.71	168.08 4.19 -16.24	133.68 3.90 -9.55	155.75 5.85 -3.41	158.56 7.09 -0.91	159.54 6.80 0.00	123.68 6.32 -1.16	110.56 5.88 -1.55	103.49 5.89 0.00	111.15 6.54 -1.06	116.22 4.72 -22.60	113.70 4.95 0.00	101.46 4.98 0.00	102.82 5.09 0.00	136.11 6.39 0.00	110.82 5.52 0.00	134.53 6.34 0.00	151.07 6.80 0.00	157.13 6.41 0.00	76.58 3.36 0.00
CRUCIBLE_METL_DRP 24180	79.41 -1.78 0.00	74.93 -1.72 0.00	103.11 -2.79 0.00	108.62 -3.35 0.00	124.03 -3.73 0.00	143.51 -4.14 0.00	117.51 -2.72 0.00	143.16 -3.34 0.00	147.14 -3.41 0.00	149.12 -3.62 0.00	113.38 -2.82 0.00	100.27 -2.85 0.00	94.89 -2.72 0.00	100.75 -2.50 0.30	86.84 -2.07 0.00	105.98 -2.77 0.00	94.21 -2.28 0.00	92.92 -2.20 2.61	127.27 -2.46 0.00	102.74 -2.26 0.30	123.30 -2.96 1.93	140.72 -3.55 0.00	146.48 -4.24 0.00	71.16 -2.06 0.00
DAHOWA__HYDRO 323763	298.30 6.49 -210.62	286.16 6.27 -203.24	255.74 8.19 -141.65	197.32 8.00 -77.35	253.75 9.48 -116.51	296.24 10.70 -137.89	210.69 9.36 -81.10	184.81 11.37 -26.95	169.14 11.39 -7.19	164.55 11.81 0.00	134.79 9.43 -9.17	123.59 8.19 -12.28	105.15 7.55 0.00	120.38 8.48 -8.35	295.75 6.56 -200.28	116.94 8.20 0.00	104.57 8.08 0.00	106.22 8.48 0.00	140.93 11.21 0.00	114.54 9.24 0.00	139.24 11.05 0.00	156.52 12.25 0.00	162.70 11.97 0.00	79.22 6.01 0.00
DANC__LFGE 323619	81.56 0.37 0.00	76.97 0.32 0.00	106.07 0.17 0.00	111.96 -0.01 0.00	127.97 0.20 0.00	148.19 0.53 0.00	121.49 1.26 0.00	148.21 1.72 0.00	152.45 1.90 0.00	154.21 1.47 0.00	116.80 0.60 0.00	103.22 0.10 0.00	97.49 -0.11 0.00	103.50 -0.04 0.00	89.22 0.31 0.00	109.24 0.49 0.00	97.33 0.84 0.00	98.76 1.03 0.00	132.12 2.39 0.00	106.09 0.79 0.00	126.58 -1.61 0.00	141.54 -2.73 0.00	147.18 -3.55 0.00	71.21 -2.01 0.00
DANSKAMMER__1 23586	107.43 4.87 -21.36	101.67 4.41 -20.61	125.66 5.40 -14.35	124.41 4.69 -7.75	144.79 5.36 -11.67	167.48 6.01 -13.82	134.03 5.68 -8.13	157.09 7.81 -2.79	160.18 8.87 -0.75	161.69 8.96 0.00	125.04 7.88 -0.96	111.53 7.12 -1.28	104.56 6.96 0.00	112.15 7.74 -0.87	109.77 5.97 -14.89	115.52 6.77 0.00	102.87 6.38 0.00	104.20 6.46 0.00	138.10 8.38 0.00	112.36 7.06 0.00	136.24 8.05 0.00	152.86 8.59 0.00	158.88 8.15 0.00	77.31 4.09 0.00
DANSKAMMER__2 23589	107.43 4.87 -21.36	101.67 4.41 -20.61	125.66 5.40 -14.35	124.41 4.69 -7.75	144.79 5.36 -11.67	167.48 6.01 -13.82	134.03 5.68 -8.13	157.09 7.81 -2.79	160.18 8.87 -0.75	161.69 8.96 0.00	125.04 7.88 -0.96	111.53 7.12 -1.28	104.56 6.96 0.00	112.15 7.74 -0.87	109.77 5.97 -14.89	115.52 6.77 0.00	102.87 6.38 0.00	104.20 6.46 0.00	138.10 8.38 0.00	112.36 7.06 0.00	136.24 8.05 0.00	152.86 8.59 0.00	158.88 8.15 0.00	77.31 4.09 0.00
DANSKAMMER__3 23590	107.43 4.87 -21.36	101.67 4.41 -20.61	125.66 5.40 -14.35	124.41 4.69 -7.75	144.79 5.36 -11.67	167.48 6.01 -13.82	134.03 5.68 -8.13	157.09 7.81 -2.79	160.18 8.87 -0.75	161.69 8.96 0.00	125.04 7.88 -0.96	111.53 7.12 -1.28	104.56 6.96 0.00	112.15 7.74 -0.87	109.77 5.97 -14.89	115.52 6.77 0.00	102.87 6.38 0.00	104.20 6.46 0.00	138.10 8.38 0.00	112.36 7.06 0.00	136.24 8.05 0.00	152.86 8.59 0.00	158.88 8.15 0.00	77.31 4.09 0.00

DANSKAMMER___4 23591	107.43 4.87 -21.36	101.67 4.41 -20.61	125.66 5.40 -14.35	124.41 4.69 -7.75	144.79 5.36 -11.67	167.48 6.01 -13.82	134.03 5.68 -8.13	157.09 7.81 -2.79	160.18 8.87 -0.75	161.69 8.96 0.00	125.04 7.88 -0.96	111.53 7.12 -1.28	104.56 6.96 0.00	112.15 7.74 -0.87	109.77 5.97 -14.89	115.52 6.77 0.00	102.87 6.38 0.00	104.20 6.46 0.00	138.10 8.38 0.00	112.36 7.06 0.00	136.24 8.05 0.00	152.86 8.59 0.00	158.88 8.15 0.00	77.31 4.09 0.00
DANSKAMMER___DIESEL 23592	107.43 4.88 -21.36	101.68 4.42 -20.61	125.66 5.41 -14.35	124.41 4.69 -7.75	144.82 5.38 -11.67	167.47 6.01 -13.82	134.04 5.68 -8.13	157.07 7.79 -2.79	160.18 8.87 -0.75	161.70 8.96 0.00	125.04 7.88 -0.96	111.52 7.12 -1.28	104.56 6.96 0.00	112.15 7.74 -0.87	109.77 5.96 -14.89	115.51 6.77 0.00	102.88 6.39 0.00	104.21 6.47 0.00	138.08 8.36 0.00	112.36 7.06 0.00	136.24 8.06 0.00	152.86 8.59 0.00	158.88 8.16 0.00	77.30 4.09 0.00
DARBY___SOLAR 323810	293.72 5.90 -206.63	281.76 5.72 -199.39	252.31 7.44 -138.97	195.10 7.25 -75.89	250.62 8.55 -114.30	292.44 9.51 -135.28	208.10 8.31 -79.56	183.11 10.15 -26.47	167.81 10.19 -7.06	163.19 10.45 0.00	133.60 8.39 -9.01	122.55 7.36 -12.07	104.40 6.79 0.00	119.41 7.66 -8.20	298.69 5.88 -203.91	116.09 7.34 0.00	103.75 7.26 0.00	105.35 7.61 0.00	139.74 10.02 0.00	113.59 8.29 0.00	138.09 9.90 0.00	155.25 10.98 0.00	161.47 10.74 0.00	78.64 5.43 0.00
DASHVILLE___HYD 23610	117.93 3.99 -32.74	111.82 3.58 -31.60	132.30 4.37 -22.03	128.05 3.96 -12.12	150.45 4.43 -18.26	174.10 4.83 -21.62	137.82 4.88 -12.71	157.35 6.61 -4.25	159.21 7.51 -1.14	160.25 7.52 0.00	124.32 6.67 -1.45	111.04 5.97 -1.95	103.53 5.92 0.00	111.39 6.52 -1.32	116.83 5.20 -22.72	114.81 6.07 0.00	102.22 5.72 0.00	103.52 5.79 0.00	137.17 7.44 0.00	111.59 6.29 0.00	135.39 7.20 0.00	152.01 7.74 0.00	158.10 7.38 0.00	76.92 3.71 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	111.27 9.21 -20.86	105.24 8.46 -20.13	130.23 10.32 -14.01	128.61 9.17 -7.47	148.57 9.55 -11.26	169.88 8.90 -13.33	137.29 9.23 -7.84	161.93 12.75 -2.69	164.55 13.27 -0.72	179.55 13.78 -13.04	225.97 11.55 -98.22	168.72 10.33 -55.27	148.39 10.99 -39.79	147.13 11.78 -31.80	123.88 9.16 -25.80	130.65 10.42 -11.48	105.23 8.74 0.00	106.31 8.57 0.00	141.08 11.36 0.00	114.96 9.65 -0.01	199.46 11.56 -59.71	156.24 11.96 -0.01	162.19 11.47 0.00	78.60 5.39 0.00
DELAWARE___LFGE 323621	113.73 2.40 -30.14	108.05 2.32 -29.09	129.13 2.95 -20.28	125.54 2.45 -11.11	147.39 2.88 -16.75	170.67 3.20 -19.82	134.98 3.10 -11.66	154.31 3.98 -3.85	155.78 4.20 -1.03	157.02 4.29 0.00	121.16 3.65 -1.31	107.96 3.09 -1.75	100.55 2.94 0.00	107.86 3.31 -1.00	112.14 2.72 -20.51	111.94 3.20 0.00	99.33 2.84 0.00	98.87 2.77 1.63	133.42 3.69 0.00	108.09 2.98 0.19	130.30 3.32 1.21	147.81 3.54 0.00	153.90 3.18 0.00	74.78 1.56 0.00
DERFIELD_115KV_TB7 355931	82.06 0.87 0.00	77.48 0.83 0.00	106.93 1.03 0.00	112.75 0.78 0.00	128.66 0.89 0.00	148.54 0.89 0.00	121.09 0.86 0.00	147.54 1.05 0.00	151.61 1.06 0.00	153.80 1.06 0.00	117.24 1.05 0.00	104.06 0.94 0.00	98.58 0.98 0.00	104.60 1.06 0.00	89.70 0.79 0.00	109.73 0.99 0.00	97.45 0.97 0.00	98.69 0.96 0.00	130.92 1.20 0.00	106.33 1.03 0.00	129.23 1.04 0.00	145.32 1.05 0.00	151.56 0.84 0.00	73.72 0.51 0.00
DOGLEVILLE___HYD 23807	85.09 3.90 0.00	80.19 3.54 0.00	110.50 4.60 0.00	115.70 3.73 0.00	132.39 4.63 0.00	152.63 4.98 0.00	124.79 4.56 0.00	151.67 5.18 0.00	155.17 4.61 0.00	157.34 4.60 0.00	119.98 3.78 0.00	106.28 3.16 0.00	100.88 3.28 0.00	107.13 3.59 0.00	91.01 2.10 0.00	111.80 3.05 0.00	99.76 3.27 0.00	101.27 3.54 0.00	134.29 4.57 0.00	109.10 3.80 0.00	132.68 4.49 0.00	149.25 4.97 0.00	154.63 3.91 0.00	75.51 2.30 0.00
DUNKIRK___115KV_TB_200 55889	75.26 -5.93 0.00	70.90 -5.75 0.00	95.94 -9.12 0.84	102.26 -9.71 0.00	116.59 -11.17 0.00	134.87 -12.79 0.00	110.84 -9.39 0.00	134.68 -11.81 0.00	138.22 -12.34 0.00	140.24 -12.50 0.00	106.24 -9.95 0.00	93.22 -9.89 0.00	88.42 -9.18 0.00	94.33 -8.45 0.77	81.63 -7.28 0.00	94.29 -10.43 4.02	77.15 -9.47 9.87	64.39 -11.14 22.20	117.42 -12.19 0.11	91.56 -10.99 2.75	102.85 -13.72 11.62	127.82 -14.86 1.59	136.04 -14.69 0.00	66.24 -6.97 0.00
DUNKIRK___1 23563	75.26 -5.93 0.00	70.90 -5.75 0.00	95.94 -9.12 0.84	102.26 -9.71 0.00	116.59 -11.17 0.00	134.87 -12.79 0.00	110.84 -9.39 0.00	134.68 -11.81 0.00	138.22 -12.34 0.00	140.24 -12.50 0.00	106.24 -9.95 0.00	93.22 -9.89 0.00	88.42 -9.18 0.00	94.33 -8.45 0.77	81.63 -7.28 0.00	94.29 -10.43 4.02	77.15 -9.47 9.87	64.39 -11.14 22.20	117.42 -12.19 0.11	91.56 -10.99 2.75	102.85 -13.72 11.62	127.82 -14.86 1.59	136.04 -14.69 0.00	66.24 -6.97 0.00
DUNKIRK___2 23564	75.26 -5.93 0.00	70.90 -5.75 0.00	95.94 -9.12 0.84	102.26 -9.71 0.00	116.59 -11.17 0.00	134.87 -12.79 0.00	110.84 -9.39 0.00	134.68 -11.81 0.00	138.22 -12.34 0.00	140.24 -12.50 0.00	106.24 -9.95 0.00	93.22 -9.89 0.00	88.42 -9.18 0.00	94.33 -8.45 0.77	81.63 -7.28 0.00	94.29 -10.43 4.02	77.15 -9.47 9.87	64.39 -11.14 22.20	117.42 -12.19 0.11	91.56 -10.99 2.75	102.85 -13.72 11.62	127.82 -14.86 1.59	136.04 -14.69 0.00	66.24 -6.97 0.00
DUNKIRK___3 23565	74.96 -6.23 0.00	70.67 -5.98 0.00	95.57 -9.49 0.84	101.87 -10.10 0.00	116.17 -11.60 0.00	134.37 -13.28 0.00	110.29 -9.93 0.00	133.87 -12.62 0.00	137.46 -13.10 0.00	139.63 -13.11 0.00	105.83 -10.37 0.00	92.94 -10.18 0.00	88.07 -9.53 0.00	93.87 -8.90 0.78	81.28 -7.63 0.00	93.83 -10.92 3.99	76.86 -9.84 9.79	64.31 -11.30 22.12	117.19 -12.42 0.11	91.38 -11.17 2.74	102.70 -13.89 11.60	127.85 -14.84 1.58	136.10 -14.62 0.00	66.28 -6.93 0.00
DUNKIRK___4 23566	74.96 -6.23 0.00	70.67 -5.98 0.00	95.57 -9.49 0.84	101.87 -10.10 0.00	116.17 -11.60 0.00	134.37 -13.28 0.00	110.29 -9.93 0.00	133.87 -12.62 0.00	137.46 -13.10 0.00	139.63 -13.11 0.00	105.83 -10.37 0.00	92.94 -10.18 0.00	88.07 -9.53 0.00	93.87 -8.90 0.78	81.28 -7.63 0.00	93.83 -10.92 3.99	76.86 -9.84 9.79	64.31 -11.30 22.12	117.19 -12.42 0.11	91.38 -11.17 2.74	102.70 -13.89 11.60	127.85 -14.84 1.58	136.10 -14.62 0.00	66.28 -6.93 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	106.76 4.70 -20.88	101.08 4.29 -20.14	125.08 5.15 -14.02	123.64 4.20 -7.48	143.79 4.76 -11.26	166.08 5.10 -13.33	133.04 4.97 -7.84	156.21 7.02 -2.69	159.28 8.00 -0.72	160.87 8.13 0.00	124.53 7.41 -0.92	111.07 6.73 -1.23	104.24 6.64 0.00	111.85 7.47 -0.84	109.09 5.80 -14.39	115.20 6.46 0.00	102.45 5.96 0.00	103.65 5.92 0.00	137.30 7.57 0.00	111.71 6.41 0.00	135.41 7.22 0.00	151.90 7.63 0.00	157.95 7.23 0.00	76.90 3.68 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	105.15 3.80 -20.15	99.56 3.47 -19.44	123.65 4.18 -13.56	123.09 3.61 -7.51	143.19 4.12 -11.31	165.58 4.54 -13.39	132.57 4.47 -7.88	155.46 6.27 -2.70	158.78 7.49 -0.73	160.30 7.56 0.00	123.90 6.77 -0.93	110.46 6.09 -1.25	103.59 5.99 0.00	111.12 6.73 -0.85	108.31 5.01 -14.39	114.40 5.65 0.00	101.83 5.34 0.00	103.07 5.33 0.00	136.63 6.90 0.00	111.13 5.83 0.00	134.77 6.57 0.00	151.25 6.97 0.00	157.33 6.60 0.00	76.54 3.32 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	107.10 5.03 -20.88	101.43 4.63 -20.15	125.39 5.46 -14.03	124.01 4.56 -7.48	144.09 5.07 -11.26	166.50 5.52 -13.33	133.51 5.44 -7.84	157.03 7.84 -2.69	160.06 8.78 -0.72	161.62 8.88 0.00	125.18 8.06 -0.92	111.61 7.26 -1.23	104.78 7.17 0.00	112.35 7.97 -0.84	109.41 6.11 -14.39	115.67 6.92 0.00	102.88 6.39 0.00	104.06 6.33 0.00	137.69 7.96 0.00	112.02 6.72 0.00	135.85 7.66 0.00	152.24 7.97 0.00	158.30 7.57 0.00	77.06 3.84 0.00
E179THST_13_KV_LOAD 356214	107.48 5.41 -20.88	101.76 4.96 -20.15	125.79 5.87 -14.03	124.38 4.94 -7.48	144.55 5.52 -11.26	167.00 6.02 -13.33	134.04 5.97 -7.84	157.70 8.51 -2.69	160.76 9.48 -0.72	162.38 9.64 0.00	125.75 8.63 -0.92	112.12 7.77 -1.23	105.27 7.66 0.00	112.92 8.53 -0.84	109.85 6.55 -14.39	116.22 7.47 0.00	103.37 6.88 0.00	104.58 6.84 0.00	138.38 8.66 0.00	112.58 7.27 0.00	136.50 8.31 0.00	152.96 8.69 0.00	159.00 8.28 0.00	77.39 4.17 0.00
EAST HAMPTON___GT 23717	112.23 10.18 -20.86	106.09 9.31 -20.13	131.12 11.21 -14.01	129.15 9.71 -7.47	148.62 9.60 -11.26	168.22 7.24 -13.33	136.42 8.36 -7.84	161.60 12.42 -2.69	163.31 12.03 -0.72	178.50 12.72 -13.03	224.97 10.56 -98.22	167.74 9.36 -55.27	148.32 10.93 -39.79	146.83 11.47 -31.80	123.40 8.69 -25.80	129.70 9.47 -11.48	104.12 7.63 0.00	105.07 7.33 0.00	139.38 9.65 0.00	113.55 8.24 -0.01	197.68 9.79 -59.70	154.22 9.93 -0.01	159.96 9.24 0.00	77.45 4.24 0.00
EAST RIVER___6 23660	106.75 4.68 -20.88	101.02 4.23 -20.14	124.93 5.00 -14.02	123.47 4.03 -7.48	143.47 4.45 -11.26	165.86 4.88 -13.33	133.07 5.00 -7.84	156.35 7.16 -2.69	159.59 8.31 -0.72	161.28 8.54 0.00	125.09 7.97 -0.92	111.57 7.22 -1.23	104.72 7.12 0.00	112.41 8.02 -0.84	109.57 6.27 -14.39	115.72 6.98 0.00	102.93 6.44 0.00	104.02 6.29 0.00	137.60 7.88 0.00	111.95 6.65 0.00	135.55 7.36 0.00	151.92 7.65 0.00	157.79 7.07 0.00	76.87 3.65 0.00
EAST RIVER___7 23524	106.75 4.68 -20.88	101.02 4.23 -20.14	124.93 5.00 -14.02	123.47 4.03 -7.48	143.47 4.45 -11.26	165.86 4.88 -13.33	133.07 5.00 -7.84	156.35 7.16 -2.69	159.59 8.31 -0.72	161.28 8.54 0.00	125.09 7.97 -0.92	111.57 7.22 -1.23	104.72 7.12 0.00	112.41 8.02 -0.84	109.57 6.27 -14.39	115.72 6.98 0.00	102.93 6.44 0.00	104.02 6.29 0.00	137.60 7.88 0.00	111.95 6.65 0.00	135.55 7.36 0.00	151.92 7.65 0.00	157.79 7.07 0.00	76.87 3.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	106.39 4.46 -20.73	100.72 4.07 -20.01	124.66 4.83 -13.93	123.31 3.88 -7.46	143.37 4.38 -11.23	165.75 4.80 -13.30	132.74 4.69 -7.82	155.82 6.64 -2.69	158.92 7.64 -0.72	160.43 7.69 0.00	124.16 7.05 -0.91	110.78 6.43 -1.22	103.97 6.37 0.00	111.55 7.17 -0.83	108.81 5.55 -14.35	114.91 6.17 0.00	102.23 5.74 0.00	103.42 5.69 0.00	136.95 7.23 0.00	111.43 6.12 0.00	135.10 6.91 0.00	151.59 7.32 0.00	157.65 6.93 0.00	76.75 3.53 0.00
EAST_HAMPTON___DIESEL 23722	112.26 10.21 -20.86	106.09 9.31 -20.13	131.10 11.19 -14.01	129.07 9.63 -7.47	148.47 9.45 -11.26	167.99 7.01 -13.33	136.22 8.16 -7.84	161.35 12.17 -2.69	162.97 11.70 -0.72	178.17 12.40 -13.03	224.78 10.37 -98.22	167.57 9.19 -55.27	148.18 10.78 -39.79	146.65 11.30 -31.80	123.24 8.52 -25.80	129.45 9.22 -11.48	103.87 7.38 0.00	104.77 7.04 0.00	138.99 9.27 0.00	113.23 7.91 -0.01	197.30 9.41 -59.70	153.79 9.51 -0.01	159.51 8.78 0.00	77.22 4.01 0.00
EAST_POINT___SOLAR 323840	299.61 5.94 -212.48	287.39 5.71 -205.03	256.49 7.68 -142.91	197.92 7.89 -78.06	254.51 9.17 -117.58	298.14 11.34 -139.16	212.57 10.49 -81.85	186.54 13.09 -26.96	169.36 11.61 -7.19	162.87 10.13 0.00	132.70 7.32 -9.17	120.95 5.54 -12.29	102.47 4.87 0.00	116.67 4.77 -8.35	246.66 4.62 -153.13	115.96 7.21 0.00	103.64 7.15 0.00	105.72 7.98 0.00	140.42 10.69 0.00	113.46 8.15 0.00	137.59 9.40 0.00	154.94 10.67 0.00	161.16 10.44 0.00	77.87 4.65 0.00
EAST_PULASKI___ESR 323781	79.42 -1.77 0.00	74.97 -1.67 0.00	103.22 -2.69 0.00	108.84 -3.12 0.00	124.33 -3.43 0.00	143.88 -3.78 0.00	117.83 -2.39 0.00	143.62 -2.87 0.00	147.65 -2.90 0.00	149.54 -3.19 0.00	113.50 -2.70 0.00	100.49 -2.63 0.00	94.98 -2.62 0.00	101.01 -2.54 0.00	86.92 -1.99 0.00	106.19 -2.56 0.00	94.46 -2.03 0.00	95.82 -1.92 0.00	127.89 -1.84 0.00	103.22 -2.08 0.00	124.58 -3.60 0.00	139.84 -4.43 0.00	145.50 -5.22 0.00	70.56 -2.65 0.00
EAST_RIVER___1 323558	106.92 4.85 -20.88	101.20 4.41 -20.14	125.19 5.26 -14.02	123.74 4.30 -7.48	143.89 4.86 -11.26	166.27 5.29 -13.33	133.29 5.23 -7.84	156.69 7.51 -2.69	159.86 8.59 -0.72	161.49 8.75 0.00	125.12 8.01 -0.92	111.59 7.25 -1.23	104.79 7.18 0.00	112.45 8.07 -0.84	109.59 6.30 -14.39	115.78 7.04 0.00	102.97 6.48 0.00	104.10 6.36 0.00	137.72 8.00 0.00	112.04 6.74 0.00	135.74 7.55 0.00	152.17 7.90 0.00	158.14 7.41 0.00	77.01 3.79 0.00
EAST_RIVER___2 323559	106.75 4.68 -20.88	101.02 4.23 -20.14	124.93 5.00 -14.02	123.47 4.03 -7.48	143.47 4.45 -11.26	165.86 4.88 -13.33	133.07 5.00 -7.84	156.35 7.16 -2.69	159.59 8.31 -0.72	161.28 8.54 0.00	125.09 7.97 -0.92	111.57 7.22 -1.23	104.72 7.12 0.00	112.41 8.02 -0.84	109.57 6.27 -14.39	115.72 6.98 0.00	102.93 6.44 0.00	104.02 6.29 0.00	137.60 7.88 0.00	111.95 6.65 0.00	135.55 7.36 0.00	151.92 7.65 0.00	157.79 7.07 0.00	76.87 3.65 0.00
EAST___DELAWARE_HYD 23607	105.79 3.03 -21.57	100.19 2.73 -20.81	123.59 3.17 -14.52	122.68 2.66 -8.06	142.95 3.05 -12.14	165.53 3.51 -14.37	132.40 3.72 -8.45	154.74 5.38 -2.86	157.59 6.26 -0.77	158.93 6.20 0.00	122.67 5.49 -0.98	109.29 4.86 -1.31	102.34 4.74 0.00	109.88 5.44 -0.89	108.43 4.23 -15.28	113.62 4.87 0.00	101.11 4.62 0.00	102.46 4.73 0.00	135.94 6.21 0.00	110.48 5.17 0.00	134.03 5.84 0.00	150.32 6.06 0.00	156.26 5.53 0.00	75.92 2.70 0.00
EIGHT_POINT___WT_PWR 323820	83.63 -3.47 -5.91	79.01 -3.34 -5.70	101.57 -6.00 -1.67	106.54 -7.62 -2.19	123.05 -8.01 -3.30	141.66 -9.90 -3.91	116.77 -5.76 -2.30	140.48 -6.77 -0.76	143.99 -6.77 -0.20	145.70 -7.04 0.00	110.06 -6.39 -0.26	95.88 -7.58 -0.34	90.32 -7.28 0.00	97.48 -5.72 0.35	88.06 -4.91 -4.06	89.56 -8.17 11.01	61.76 -7.70 27.03	40.94 -9.24 47.56	118.00 -11.41 0.32	88.09 -11.20 6.01	91.40 -14.76 22.03	124.47 -15.45 4.35	135.41 -15.31 0.00	66.45 -6.76 0.00
ELBRIDGE_115KV_TB2 80188	78.98 -2.21 0.00	74.54 -2.11 0.00	102.53 -3.38 0.00	107.95 -4.02 0.00	123.27 -4.50 0.00	142.61 -5.04 0.00	116.77 -3.45 0.00	142.20 -4.29 0.00	146.19 -4.36 0.00	148.16 -4.58 0.00	112.66 -3.54 0.00	99.58 -3.54 0.00	94.22 -3.39 0.00	100.13 -3.15 0.27	86.24 -2.67 0.00	105.27 -3.47 0.00	93.55 -2.94 0.00	92.58 -2.83 2.32	126.37 -3.35 0.00	102.04 -2.99 0.27	122.75 -3.72 1.72	139.77 -4.50 0.00	145.57 -5.16 0.00	70.72 -2.49 0.00
ELEC_TRO_TEK 24086	107.45 5.40 -20.86	101.81 5.03 -20.13	125.90 5.98 -14.01	124.53 5.10 -7.47	144.70 5.69 -11.26	167.07 6.09 -13.33	134.10 6.03 -7.84	157.32 8.14 -2.69	160.72 9.45 -0.72	162.32 9.58 0.00	142.07 8.77 -17.11	166.47 8.09 -55.27	145.35 7.96 -39.79	144.22 8.87 -31.80	121.66 6.94 -25.80	128.09 7.87 -11.48	103.49 7.00 0.00	104.69 6.95 0.00	138.63 8.90 0.00	112.95 7.65 0.00	145.18 8.79 -8.20	153.43 9.16 0.00	159.50 8.77 0.00	77.58 4.37 0.00

ELLENBURG_WT_PWR 323604	81.89 0.70 0.00	77.22 0.57 0.00	107.38 1.47 0.00	114.99 3.02 0.00	130.95 3.19 0.00	151.18 3.52 0.00	122.22 1.99 0.00	148.80 2.32 0.00	152.84 2.28 0.00	155.34 2.60 0.00	117.45 1.26 0.00	104.25 1.13 0.00	98.22 0.62 0.00	103.75 0.20 0.00	89.24 0.33 0.00	109.58 0.83 0.00	96.96 0.46 0.00	97.75 0.02 0.00	129.09 -0.64 0.00	103.88 -1.42 0.00	127.12 -1.07 0.00	144.48 0.21 0.00	152.58 1.86 0.00	73.01 -0.21 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	73.89 -7.30 0.00	69.79 -6.86 0.00	94.35 -10.75 0.80	100.50 -11.47 0.00	114.62 -13.14 0.00	132.70 -14.95 0.00	108.72 -11.51 0.00	131.64 -14.85 0.00	135.41 -15.15 0.00	137.76 -14.98 0.00	104.51 -11.69 0.00	92.00 -11.12 0.00	86.82 -10.78 0.00	92.40 -10.35 0.79	80.02 -8.89 0.00	92.43 -12.48 3.83	75.97 -11.12 9.41	63.98 -12.12 21.64	116.18 -13.44 0.11	90.56 -12.06 2.68	101.96 -14.80 11.43	127.17 -15.59 1.51	135.47 -15.25 0.00	65.97 -7.24 0.00
EMPIRE_CC_1 323656	141.95 3.71 -57.04	135.11 3.41 -55.04	148.60 4.35 -38.35	136.78 3.96 -20.85	163.64 4.47 -31.40	189.12 4.31 -37.16	145.25 3.17 -21.85	155.35 2.38 -6.48	153.84 1.56 -1.73	154.33 1.59 0.00	120.65 2.25 -2.20	108.35 2.28 -2.95	99.97 2.36 0.00	108.06 2.50 -2.01	117.55 2.12 -26.52	112.05 3.30 0.00	99.72 3.23 0.00	100.87 3.14 0.00	133.31 3.59 0.00	108.63 3.33 0.00	132.73 4.54 0.00	149.78 5.51 0.00	156.06 5.33 0.00	76.24 3.03 0.00
EMPIRE_CC_2 323658	141.95 3.71 -57.04	135.11 3.41 -55.04	148.60 4.35 -38.35	136.78 3.96 -20.85	163.64 4.47 -31.40	189.12 4.31 -37.16	145.25 3.17 -21.85	155.35 2.38 -6.48	153.84 1.56 -1.73	154.33 1.59 0.00	120.65 2.25 -2.20	108.35 2.28 -2.95	99.97 2.36 0.00	108.06 2.50 -2.01	117.55 2.12 -26.52	112.05 3.30 0.00	99.72 3.23 0.00	100.87 3.14 0.00	133.31 3.59 0.00	108.63 3.33 0.00	132.73 4.54 0.00	149.78 5.51 0.00	156.06 5.33 0.00	76.24 3.03 0.00
ENORWICH_115KV_TB1 80156	102.28 7.09 -14.00	96.82 6.67 -13.51	125.26 8.67 -10.68	125.62 8.47 -5.18	145.81 10.26 -7.79	169.32 12.45 -9.22	136.98 11.33 -5.42	162.71 14.43 -1.79	165.38 14.34 -0.48	166.83 14.10 0.00	127.06 10.25 -0.61	111.80 7.86 -0.82	104.41 6.81 0.00	110.82 7.02 -0.25	105.05 6.58 -9.55	123.33 8.52 -6.06	118.72 7.35 -14.88	125.28 6.85 -20.70	138.54 8.64 -0.17	113.01 5.03 -2.68	142.02 5.75 -8.07	152.23 5.56 -2.39	153.71 2.98 0.00	74.49 1.28 0.00
ERIE_ST__34_KV_TB1-2 80199	75.78 -5.41 0.00	71.60 -5.05 0.00	96.83 -8.24 0.83	102.97 -9.00 0.00	117.60 -10.16 0.00	136.11 -11.55 0.00	111.38 -8.85 0.00	135.03 -11.46 0.00	138.99 -11.57 0.00	141.39 -11.35 0.00	107.34 -8.86 0.00	94.67 -8.45 0.00	89.35 -8.25 0.00	95.09 -7.68 0.77	82.38 -6.53 0.00	95.30 -9.50 3.95	78.47 -8.32 9.70	66.83 -8.97 21.93	120.25 -9.36 0.11	93.86 -8.72 2.72	105.83 -10.84 11.52	131.65 -11.06 1.56	139.98 -10.74 0.00	68.11 -5.10 0.00
ERIE_WT_PWR 323693	74.67 -6.52 0.00	70.49 -6.16 0.00	95.19 -9.88 0.82	101.47 -10.50 0.00	115.85 -11.91 0.00	134.11 -13.54 0.00	109.85 -10.38 0.00	133.07 -13.42 0.00	136.83 -13.73 0.00	139.14 -13.60 0.00	105.58 -10.62 0.00	92.92 -10.20 0.00	87.72 -9.88 0.00	93.46 -9.31 0.78	80.84 -8.07 0.00	93.31 -11.50 3.93	76.62 -10.23 9.64	64.76 -11.07 21.90	117.48 -12.14 0.11	91.54 -11.04 2.72	103.21 -13.46 11.53	128.53 -14.19 1.55	136.82 -13.90 0.00	66.69 -6.53 0.00
ESPRGFLD_115KV_TB1 80157	236.49 3.05 -152.25	226.57 3.01 -146.92	212.20 3.90 -102.40	171.79 3.87 -55.95	216.57 4.53 -84.27	253.28 5.88 -99.74	184.69 5.80 -58.66	173.39 7.57 -19.33	163.15 7.43 -5.15	159.77 7.03 0.00	127.88 5.11 -6.57	115.94 4.01 -8.81	101.07 3.47 0.00	113.19 3.77 -5.87	202.07 3.44 -109.73	113.24 4.50 0.00	100.37 3.88 0.00	100.78 4.02 0.98	135.18 5.46 0.00	108.92 3.73 0.11	131.46 3.99 0.72	148.77 4.49 0.00	154.90 4.18 0.00	74.85 1.63 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	88.46 0.50 -6.76	83.61 0.44 -6.52	113.73 0.12 -7.70	114.04 -0.44 -2.51	131.36 -0.18 -3.78	152.16 0.03 -4.47	123.76 0.90 -2.63	148.54 1.18 -0.87	151.95 1.16 -0.23	153.53 0.80 0.00	116.97 0.48 -0.30	103.01 -0.52 -0.40	97.07 -0.54 0.00	103.32 -0.12 0.10	93.75 0.21 -4.64	123.94 0.15 -15.05	133.75 0.32 -36.94	153.06 0.49 -54.84	131.29 1.13 -0.43	112.81 0.46 -7.05	151.09 0.29 -22.61	150.20 -0.02 -5.94	149.84 -0.89 -0.01	72.78 -0.44 0.00
ETNA____115KV_TB2 80207	88.46 0.50 -6.76	83.61 0.44 -6.52	113.73 0.12 -7.70	114.04 -0.44 -2.51	131.36 -0.18 -3.78	152.16 0.03 -4.47	123.76 0.90 -2.63	148.54 1.18 -0.87	151.95 1.16 -0.23	153.53 0.80 0.00	116.97 0.48 -0.30	103.01 -0.52 -0.40	97.07 -0.54 0.00	103.32 -0.12 0.10	93.75 0.21 -4.64	123.94 0.15 -15.05	133.75 0.32 -36.94	153.06 0.49 -54.84	131.29 1.13 -0.43	112.81 0.46 -7.05	151.09 0.29 -22.61	150.20 -0.02 -5.94	149.84 -0.89 -0.01	72.78 -0.44 0.00
EUCLID____115KV_TB2 356179	78.35 -2.84 0.00	73.94 -2.71 0.00	101.76 -4.15 0.00	107.25 -4.71 0.00	122.48 -5.28 0.00	141.70 -5.95 0.00	115.93 -4.30 0.00	141.25 -5.24 0.00	145.24 -5.32 0.00	147.23 -5.51 0.00	111.98 -4.22 0.00	99.13 -3.99 0.00	93.81 -3.80 0.00	99.25 -3.69 0.60	85.76 -3.15 0.00	104.64 -4.10 0.00	92.99 -3.50 0.00	88.94 -3.55 5.25	125.50 -4.23 0.00	101.01 -3.69 0.60	119.56 -4.75 3.88	138.84 -5.43 0.00	144.67 -6.05 0.00	70.28 -2.93 0.00
E_CANADA_CAP_HY 24051	282.73 4.05 -197.49	271.19 3.97 -190.57	244.03 5.30 -132.83	190.10 5.57 -72.56	243.46 6.41 -109.28	285.05 8.05 -129.35	203.83 7.53 -76.08	181.11 9.55 -25.06	166.18 8.94 -6.68	160.98 8.24 0.00	130.59 5.86 -8.53	119.20 4.65 -11.42	101.66 4.06 0.00	115.52 4.30 -7.68	235.09 3.85 -142.33	113.97 5.22 0.00	101.22 4.73 0.00	102.08 5.09 0.75	136.53 6.81 0.00	110.03 4.81 0.09	133.07 5.43 0.55	150.81 6.54 0.00	157.32 6.59 0.00	76.00 2.78 0.00
E_CANADA_MHWK_HY 24050	85.09 3.90 0.00	80.19 3.54 0.00	110.50 4.60 0.00	115.70 3.73 0.00	132.39 4.63 0.00	152.63 4.98 0.00	124.79 4.56 0.00	151.67 5.18 0.00	155.17 4.61 0.00	157.34 4.60 0.00	119.98 3.78 0.00	106.28 3.16 0.00	100.88 3.28 0.00	107.13 3.59 0.00	91.01 2.10 0.00	111.80 3.05 0.00	99.76 3.27 0.00	101.27 3.54 0.00	134.29 4.57 0.00	109.10 3.80 0.00	132.68 4.49 0.00	149.25 4.97 0.00	154.63 3.91 0.00	75.51 2.30 0.00
E_FISHKILL____LBMP 23776	107.50 4.30 -22.01	101.79 3.90 -21.24	125.28 4.62 -14.76	123.17 3.60 -7.60	143.28 4.07 -11.45	165.54 4.33 -13.56	132.37 4.17 -7.97	155.12 5.89 -2.74	158.05 6.76 -0.73	159.54 6.80 0.00	123.42 6.29 -0.93	110.10 5.73 -1.25	103.32 5.71 0.00	110.80 6.40 -0.85	108.42 4.88 -14.63	114.15 5.41 0.00	101.60 5.11 0.00	102.83 5.09 0.00	136.22 6.49 0.00	110.83 5.53 0.00	134.48 6.29 0.00	150.94 6.67 0.00	157.03 6.31 0.00	76.46 3.25 0.00
FALCON____SEABRD_CC1 323796	83.01 1.82 0.00	78.28 1.63 0.00	108.84 2.94 0.00	116.53 4.56 0.00	132.69 4.93 0.00	152.40 4.75 0.00	123.10 2.88 0.00	149.68 3.18 0.00	153.70 3.14 0.00	156.15 3.41 0.00	117.99 1.79 0.00	104.74 1.62 0.00	98.62 1.02 0.00	104.24 0.69 0.00	89.42 0.51 0.00	110.17 1.43 0.00	97.76 1.27 0.00	98.52 0.78 0.00	130.13 0.41 0.00	104.74 -0.56 0.00	128.02 -0.17 0.00	145.26 0.99 0.00	153.31 2.58 0.00	74.04 0.82 0.00

FALCON___SEABRD_CC2 323797	83.01 1.82 0.00	78.28 1.63 0.00	108.84 2.94 0.00	116.53 4.56 0.00	132.69 4.93 0.00	152.40 4.75 0.00	123.10 2.88 0.00	149.68 3.18 0.00	153.70 3.14 0.00	156.15 3.41 0.00	117.99 1.79 0.00	104.74 1.62 0.00	98.62 1.02 0.00	104.24 0.69 0.00	89.42 0.51 0.00	110.17 1.43 0.00	97.76 1.27 0.00	98.52 0.78 0.00	130.13 0.41 0.00	104.74 -0.56 0.00	128.02 -0.17 0.00	145.26 0.99 0.00	153.31 2.58 0.00	74.04 0.82 0.00
FAR ROCKAWAY___4 23548	108.13 6.07 -20.86	102.67 5.89 -20.13	126.65 6.73 -14.01	125.27 5.83 -7.47	145.54 6.52 -11.26	168.18 7.20 -13.33	135.03 6.96 -7.84	158.57 9.39 -2.69	162.00 10.72 -0.72	163.61 10.86 0.00	143.03 9.72 -17.11	167.31 8.92 -55.27	146.13 8.74 -39.79	145.07 9.72 -31.80	122.42 7.70 -25.80	128.96 8.73 -11.48	104.38 7.89 0.00	105.59 7.85 0.00	139.88 10.15 0.00	113.91 8.61 0.00	146.84 10.45 -8.20	154.70 10.43 0.00	161.35 10.62 0.00	78.38 5.17 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	107.01 4.94 -20.88	101.26 4.46 -20.14	125.29 5.36 -14.02	123.84 4.40 -7.48	143.98 4.96 -11.26	166.42 5.43 -13.33	133.38 5.31 -7.84	156.77 7.58 -2.69	159.94 8.66 -0.72	161.56 8.83 0.00	125.18 8.07 -0.92	111.63 7.29 -1.23	104.79 7.19 0.00	112.46 8.07 -0.84	109.60 6.30 -14.39	115.78 7.04 0.00	103.00 6.51 0.00	104.12 6.39 0.00	137.80 8.08 0.00	112.11 6.81 0.00	135.78 7.59 0.00	152.30 8.03 0.00	158.28 7.55 0.00	77.06 3.85 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	107.03 4.96 -20.88	101.31 4.52 -20.14	125.38 5.46 -14.02	123.92 4.48 -7.48	144.06 5.04 -11.26	166.50 5.51 -13.33	133.46 5.39 -7.84	156.88 7.69 -2.69	160.07 8.79 -0.72	161.71 8.97 0.00	125.24 8.13 -0.92	111.69 7.34 -1.23	104.86 7.26 0.00	112.53 8.15 -0.84	109.66 6.36 -14.39	115.88 7.14 0.00	103.06 6.57 0.00	104.19 6.46 0.00	137.86 8.14 0.00	112.16 6.86 0.00	135.90 7.71 0.00	152.42 8.15 0.00	158.37 7.64 0.00	77.11 3.90 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	106.95 4.89 -20.88	101.23 4.44 -20.14	125.26 5.34 -14.02	123.81 4.37 -7.48	143.94 4.91 -11.26	166.34 5.36 -13.33	133.33 5.26 -7.84	156.73 7.55 -2.69	159.89 8.61 -0.72	161.54 8.80 0.00	125.13 8.01 -0.92	111.59 7.24 -1.23	104.74 7.13 0.00	112.42 8.04 -0.84	109.57 6.27 -14.39	115.77 7.02 0.00	102.96 6.47 0.00	104.10 6.36 0.00	137.70 7.98 0.00	112.04 6.74 0.00	135.73 7.54 0.00	152.22 7.95 0.00	158.16 7.44 0.00	77.02 3.81 0.00
FARRAGUT___LBMP 323566	106.88 4.82 -20.88	101.17 4.38 -20.14	125.17 5.25 -14.02	123.73 4.28 -7.48	143.85 4.83 -11.26	166.24 5.26 -13.33	133.23 5.16 -7.84	156.58 7.40 -2.69	159.74 8.46 -0.72	161.33 8.59 0.00	124.99 7.87 -0.92	111.48 7.14 -1.23	104.64 7.04 0.00	112.31 7.93 -0.84	109.46 6.16 -14.39	115.62 6.88 0.00	102.85 6.36 0.00	103.99 6.25 0.00	137.57 7.85 0.00	111.93 6.63 0.00	135.64 7.44 0.00	152.09 7.82 0.00	158.05 7.33 0.00	76.98 3.77 0.00
FENNER___WINDPWR 24204	82.63 1.44 0.00	77.99 1.34 0.00	108.12 1.63 -0.60	113.34 1.37 0.00	129.66 1.90 0.00	150.10 2.45 0.00	123.01 2.79 0.00	149.88 3.39 0.00	153.91 3.35 0.00	156.16 3.43 0.00	118.44 2.24 0.00	104.89 1.77 0.00	99.12 1.52 0.00	105.05 1.82 0.32	90.66 1.75 0.00	113.72 2.13 -2.85	105.57 2.10 -6.99	107.93 1.98 -8.22	132.55 2.74 -0.08	108.09 1.70 -1.09	132.61 1.73 -2.69	146.88 1.48 -1.12	151.59 0.86 0.00	73.59 0.38 0.00
FIBERTEK___ENERGY 23856	79.41 -1.78 0.00	74.93 -1.72 0.00	103.11 -2.79 0.00	108.62 -3.35 0.00	124.03 -3.73 0.00	143.51 -4.14 0.00	117.51 -2.72 0.00	143.16 -3.34 0.00	147.14 -3.41 0.00	149.12 -3.62 0.00	113.38 -2.82 0.00	100.27 -2.85 0.00	94.89 -2.72 0.00	100.75 -2.50 0.30	86.84 -2.07 0.00	105.98 -2.77 0.00	94.21 -2.28 0.00	92.92 -2.20 2.61	127.27 -2.46 0.00	102.74 -2.26 0.30	123.30 -2.96 1.93	140.72 -3.55 0.00	146.48 -4.24 0.00	71.16 -2.06 0.00
FITZPATRICK____ 23598	77.49 -3.71 0.00	73.16 -3.49 0.00	100.76 -5.15 0.00	106.27 -5.70 0.00	121.31 -6.45 0.00	140.29 -7.37 0.00	114.59 -5.63 0.00	139.58 -6.91 0.00	143.48 -7.08 0.00	145.53 -7.21 0.00	110.71 -5.49 0.00	98.06 -5.06 0.00	92.82 -4.78 0.00	98.62 -4.84 0.09	84.75 -4.16 0.00	103.48 -5.26 0.00	91.89 -4.60 0.00	92.31 -4.64 0.78	123.89 -5.83 0.00	100.28 -4.93 0.09	121.45 -6.16 0.58	137.32 -6.95 0.00	143.24 -7.48 0.00	69.59 -3.62 0.00
FLOWRFLD_69_KV_BK1 356044	109.18 7.13 -20.86	103.40 6.63 -20.13	127.96 8.05 -14.01	126.53 7.09 -7.47	146.71 7.69 -11.26	169.20 8.22 -13.33	136.31 8.24 -7.84	160.07 10.88 -2.69	163.11 11.83 -0.72	179.98 12.17 -15.06	238.04 11.01 -110.83	168.52 10.14 -55.27	147.42 10.03 -39.79	146.36 11.01 -31.80	123.44 8.72 -25.80	130.32 10.09 -11.48	105.21 8.72 0.00	106.18 8.44 0.00	140.86 11.14 0.00	115.02 9.70 -0.01	207.10 11.20 -67.71	156.23 11.95 -0.01	162.34 11.62 0.00	78.80 5.58 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	107.80 5.11 -21.50	102.02 4.63 -20.74	126.02 5.67 -14.44	124.68 4.97 -7.75	145.08 5.65 -11.67	167.82 6.35 -13.82	134.34 5.99 -8.13	157.48 8.19 -2.79	160.57 9.27 -0.75	162.05 9.31 0.00	125.34 8.18 -0.96	111.75 7.35 -1.28	104.79 7.19 0.00	112.41 8.00 -0.87	110.00 6.19 -14.90	115.81 7.06 0.00	103.13 6.64 0.00	104.45 6.72 0.00	138.46 8.74 0.00	112.61 7.31 0.00	136.56 8.37 0.00	153.20 8.93 0.00	159.27 8.55 0.00	77.46 4.25 0.00
FORT ORANGE____ 23900	193.96 3.84 -108.92	185.25 3.50 -105.10	183.96 4.81 -73.25	156.46 4.52 -39.97	192.95 4.98 -60.20	223.53 4.63 -71.25	165.14 3.01 -41.90	163.09 2.85 -13.74	156.61 2.39 -3.67	155.05 2.32 0.00	123.27 2.39 -4.68	111.58 2.19 -6.27	100.08 2.47 0.00	110.11 2.30 -4.26	147.37 1.98 -56.48	111.56 2.82 0.00	99.16 2.67 0.00	100.48 2.74 0.00	133.02 3.29 0.00	108.38 3.08 0.00	132.15 3.96 0.00	148.64 4.37 0.00	155.04 4.31 0.00	76.53 3.32 0.00
FORT_DRUM_COGEN 23780	84.31 3.12 0.00	79.50 2.85 0.00	109.70 3.80 0.00	116.01 4.04 0.00	132.75 4.99 0.00	153.99 6.34 0.00	126.51 6.28 0.00	154.37 7.88 0.00	158.72 8.17 0.00	160.27 7.53 0.00	121.05 4.86 0.00	106.63 3.51 0.00	100.70 3.09 0.00	106.68 3.13 0.00	92.19 3.28 0.00	113.26 4.51 0.00	101.14 4.65 0.00	102.60 4.87 0.00	137.57 7.85 0.00	110.05 4.75 0.00	130.40 2.21 0.00	145.37 1.10 0.00	151.20 0.48 0.00	73.02 -0.20 0.00
FOX_HILLS___ESR 323835	325.02 5.59 -238.23	213.96 5.13 -132.18	135.13 6.04 -23.19	124.51 5.07 -7.48	144.72 5.70 -11.26	260.74 6.51 -106.58	134.05 5.98 -7.84	157.55 8.37 -2.69	160.75 9.45 -0.74	162.40 9.61 -0.05	132.93 8.27 -8.45	169.97 7.65 -59.20	230.61 7.79 -125.22	255.05 8.66 -142.85	141.02 6.60 -45.51	119.38 7.68 -2.95	132.56 7.09 -28.99	212.30 7.04 -107.53	194.07 8.94 -55.40	272.48 7.53 -159.65	282.54 8.47 -145.88	154.57 8.99 -1.31	159.08 8.35 0.00	78.79 4.38 -1.20
FPL FAR_ROCK_GT1 24212	108.13 6.07 -20.86	102.67 5.90 -20.13	126.65 6.74 -14.01	125.27 5.83 -7.47	145.54 6.52 -11.26	168.15 7.18 -13.33	135.03 6.96 -7.84	158.56 9.38 -2.69	162.00 10.72 -0.72	163.60 10.87 0.00	143.02 9.71 -17.11	167.30 8.92 -55.27	146.13 8.74 -39.79	145.07 9.72 -31.80	122.43 7.71 -25.80	128.95 8.73 -11.48	104.36 7.86 0.00	105.58 7.85 0.00	139.88 10.16 0.00	113.91 8.61 0.00	146.84 10.44 -8.20	154.70 10.43 0.00	161.33 10.61 0.00	78.38 5.16 0.00

FPL_FAR_ROCK_GT2 23815	108.13 6.07 -20.86	102.67 5.90 -20.13	126.65 6.74 -14.01	125.27 5.83 -7.47	145.54 6.52 -11.26	168.15 7.18 -13.33	135.03 6.96 -7.84	158.56 9.38 -2.69	162.00 10.72 -0.72	163.60 10.87 0.00	143.02 9.71 -17.11	167.30 8.92 -55.27	146.13 8.74 -39.79	145.07 9.72 -31.80	122.43 7.71 -25.80	128.95 8.73 -11.48	104.36 7.86 0.00	105.58 7.85 0.00	139.88 10.16 0.00	113.91 8.61 0.00	146.84 10.44 -8.20	154.70 10.43 0.00	161.33 10.61 0.00	78.38 5.16 0.00
FRANKLIN_FALL_HYD 24054	83.28 2.08 0.00	78.51 1.86 0.00	109.20 3.30 0.00	117.27 5.30 0.00	133.56 5.80 0.00	154.66 7.01 0.00	125.79 5.56 0.00	153.05 6.56 0.00	156.71 6.15 0.00	159.14 6.41 0.00	120.10 3.90 0.00	106.48 3.36 0.00	100.25 2.64 0.00	105.70 2.15 0.00	91.05 2.14 0.00	111.63 2.89 0.00	99.18 2.69 0.00	100.03 2.30 0.00	132.26 2.53 0.00	106.56 1.26 0.00	130.39 2.20 0.00	148.14 3.87 0.00	156.54 5.81 0.00	74.83 1.61 0.00
FREEPORT_EQUS_GT1 23764	107.63 5.58 -20.86	101.96 5.18 -20.13	126.09 6.18 -14.01	124.72 5.28 -7.47	144.87 5.85 -11.26	167.31 6.34 -13.33	134.38 6.32 -7.84	157.73 8.55 -2.69	161.21 9.93 -0.72	162.71 9.98 0.00	142.39 9.08 -17.11	166.80 8.41 -55.27	145.65 8.25 -39.79	144.54 9.19 -31.80	121.94 7.22 -25.80	128.37 8.14 -11.48	103.45 6.96 0.00	104.73 7.00 0.00	138.77 9.05 0.00	113.32 8.02 0.00	145.66 9.27 -8.20	153.80 9.53 0.00	159.87 9.14 0.00	77.88 4.66 0.00
FREEPORT___CT2 23818	107.63 5.58 -20.86	101.96 5.18 -20.13	126.09 6.18 -14.01	124.72 5.28 -7.47	144.87 5.85 -11.26	167.31 6.34 -13.33	134.38 6.32 -7.84	157.73 8.55 -2.69	161.21 9.93 -0.72	162.71 9.98 0.00	142.39 9.08 -17.11	166.80 8.41 -55.27	145.65 8.25 -39.79	144.54 9.19 -31.80	121.94 7.22 -25.80	128.37 8.14 -11.48	103.45 6.96 0.00	104.73 7.00 0.00	138.77 9.05 0.00	113.32 8.02 0.00	145.66 9.27 -8.20	153.80 9.53 0.00	159.87 9.14 0.00	77.88 4.66 0.00
FRESHKLS_33_KV_LOAD 356253	325.06 5.64 -238.23	214.01 5.18 -132.18	135.14 6.05 -23.19	124.52 5.08 -7.48	144.71 5.69 -11.26	260.82 6.58 -106.58	134.01 5.94 -7.84	157.44 8.25 -2.69	160.58 9.28 -0.74	162.23 9.44 -0.05	132.60 7.94 -8.45	169.76 7.44 -59.20	230.50 7.68 -125.22	255.59 8.47 -143.57	140.86 6.43 -45.51	119.29 7.59 -2.95	132.54 7.06 -28.99	212.27 7.02 -107.53	194.06 8.93 -55.40	272.48 7.52 -159.65	282.52 8.45 -145.88	154.50 8.92 -1.31	158.95 8.23 0.00	78.81 4.40 -1.20
FULTON COGEN____ 23766	78.22 -2.98 0.00	73.83 -2.82 0.00	101.58 -4.32 0.00	107.11 -4.86 0.00	122.27 -5.50 0.00	141.40 -6.26 0.00	115.78 -4.45 0.00	141.12 -5.37 0.00	144.96 -5.60 0.00	147.09 -5.65 0.00	111.88 -4.32 0.00	99.07 -4.05 0.00	93.74 -3.86 0.00	99.92 -3.74 -0.12	85.72 -3.19 0.00	104.63 -4.12 0.00	92.98 -3.51 0.00	95.21 -3.53 -1.01	125.54 -4.19 0.00	101.78 -3.63 -0.12	124.19 -4.74 -0.74	138.84 -5.43 0.00	144.60 -6.12 0.00	70.22 -3.00 0.00
FULTON___LFGE 323630	302.61 5.16 -216.25	290.31 4.98 -208.67	257.95 6.61 -145.44	198.09 6.68 -79.45	255.16 7.73 -119.66	298.64 9.36 -141.63	212.16 8.63 -83.30	184.74 10.81 -27.44	167.78 9.91 -7.32	161.80 9.06 0.00	132.08 6.54 -9.34	120.74 5.11 -12.51	102.23 4.63 0.00	117.13 5.09 -8.50	249.09 4.33 -155.85	115.22 6.48 0.00	102.66 6.16 0.00	104.54 6.81 0.00	138.79 9.07 0.00	112.33 7.02 0.00	136.34 8.15 0.00	153.46 9.19 0.00	159.71 8.99 0.00	77.27 4.06 0.00
G.F.CEMENT___DRP 24184	305.81 7.21 -217.42	293.60 7.15 -209.80	261.50 9.38 -146.22	201.11 9.28 -79.85	259.08 11.04 -120.28	302.61 12.61 -142.35	215.11 11.16 -83.72	187.77 13.52 -27.76	171.48 13.52 -7.40	166.94 14.20 0.00	136.91 11.26 -9.44	125.31 9.53 -12.65	106.37 8.77 0.00	121.92 9.78 -8.60	290.61 7.61 -194.09	118.37 9.63 0.00	105.98 9.49 0.00	107.85 10.12 0.00	143.14 13.42 0.00	116.26 10.96 0.00	141.29 13.10 0.00	158.74 14.47 0.00	164.82 14.09 0.00	80.24 7.02 0.00
GARDENVILLE___LBMP 24039	74.29 -6.90 0.00	70.17 -6.48 0.00	94.82 -10.25 0.83	101.02 -10.95 0.00	115.27 -12.50 0.00	133.42 -14.23 0.00	109.31 -10.92 0.00	132.43 -14.06 0.00	136.16 -14.39 0.00	138.51 -14.23 0.00	105.06 -11.14 0.00	92.45 -10.67 0.00	87.28 -10.32 0.00	92.97 -9.80 0.78	80.50 -8.41 0.00	92.84 -11.93 3.98	76.11 -10.61 9.76	64.03 -11.59 22.11	116.82 -12.79 0.11	91.03 -11.53 2.74	102.42 -14.16 11.60	127.82 -14.88 1.57	136.10 -14.62 0.00	66.29 -6.92 0.00
GARDNVLA_35_KV_LD 355827	74.64 -6.55 0.00	70.47 -6.18 0.00	95.23 -9.85 0.82	101.47 -10.49 0.00	115.81 -11.95 0.00	134.09 -13.56 0.00	109.94 -10.29 0.00	133.22 -13.26 0.00	137.06 -13.50 0.00	139.37 -13.37 0.00	105.69 -10.51 0.00	93.02 -10.10 0.00	87.81 -9.80 0.00	93.54 -9.22 0.78	80.95 -7.96 0.00	93.48 -11.36 3.91	76.81 -10.08 9.60	64.92 -10.99 21.83	117.67 -11.94 0.11	91.78 -10.81 2.71	103.36 -13.33 11.49	128.73 -14.00 1.54	136.98 -13.74 0.00	66.72 -6.50 0.00
GELCKHM___115KV_LOAD 80723	78.76 -2.43 0.00	74.32 -2.33 0.00	102.29 -3.62 0.00	107.81 -4.16 0.00	123.12 -4.65 0.00	142.47 -5.18 0.00	116.57 -3.65 0.00	141.99 -4.51 0.00	146.03 -4.53 0.00	147.97 -4.77 0.00	112.53 -3.67 0.00	99.57 -3.55 0.00	94.20 -3.40 0.00	99.81 -3.23 0.50	86.16 -2.75 0.00	105.18 -3.56 0.00	93.47 -3.02 0.00	90.34 -3.02 4.37	126.22 -3.50 0.00	101.68 -3.11 0.50	120.93 -4.03 3.23	139.62 -4.65 0.00	145.40 -5.32 0.00	70.63 -2.58 0.00
GENERAL___MILLS 23808	74.56 -6.63 0.00	70.42 -6.23 0.00	95.19 -9.89 0.82	101.38 -10.59 0.00	115.71 -12.06 0.00	133.97 -13.69 0.00	109.77 -10.46 0.00	133.02 -13.47 0.00	136.80 -13.76 0.00	139.12 -13.62 0.00	105.52 -10.67 0.00	92.87 -10.24 0.00	87.66 -9.95 0.00	93.38 -9.39 0.78	80.84 -8.08 0.00	93.30 -11.51 3.93	76.60 -10.24 9.64	64.67 -11.16 21.90	117.43 -12.19 0.11	91.56 -11.02 2.72	103.08 -13.59 11.53	128.50 -14.22 1.55	136.78 -13.94 0.00	66.63 -6.59 0.00
GE_PLASTICS___DRP 24183	170.62 3.09 -86.34	162.81 2.85 -83.31	167.80 3.83 -58.06	147.08 3.44 -31.67	179.28 3.81 -47.70	207.83 3.72 -56.46	156.28 2.84 -33.21	160.29 2.93 -10.88	156.14 2.68 -2.90	155.41 2.67 0.00	122.58 2.68 -3.70	110.50 2.43 -4.96	100.22 2.62 0.00	109.58 2.66 -3.37	137.25 2.18 -46.16	111.54 2.79 0.00	99.11 2.62 0.00	100.35 2.61 0.00	132.89 3.17 0.00	108.26 2.95 0.00	131.86 3.67 0.00	148.34 4.07 0.00	154.63 3.91 0.00	75.70 2.49 0.00
GILBOA___1 23756	96.51 2.46 -12.86	91.59 2.53 -12.41	117.95 3.39 -8.65	119.28 2.60 -4.72	137.82 2.96 -7.10	158.65 2.60 -8.40	127.38 2.21 -4.94	150.82 2.72 -1.61	153.80 2.81 -0.43	155.76 3.02 0.00	119.90 3.16 -0.55	106.68 2.83 -0.73	100.44 2.84 0.00	107.18 3.23 -0.41	99.96 2.47 -8.58	111.64 2.89 0.00	99.00 2.51 0.00	99.39 2.41 0.76	132.83 3.11 0.00	108.18 2.96 0.09	131.14 3.51 0.56	148.05 3.78 0.00	154.22 3.50 0.00	75.17 1.96 0.00
GILBOA___2 23757	96.51 2.46 -12.86	91.59 2.53 -12.41	117.95 3.39 -8.65	119.28 2.60 -4.72	137.82 2.96 -7.10	158.65 2.60 -8.40	127.38 2.21 -4.94	150.82 2.72 -1.61	153.80 2.81 -0.43	155.76 3.02 0.00	119.90 3.16 -0.55	106.68 2.83 -0.73	100.44 2.84 0.00	107.18 3.23 -0.41	99.96 2.47 -8.58	111.64 2.89 0.00	99.00 2.51 0.00	99.39 2.41 0.76	132.83 3.11 0.00	108.18 2.96 0.09	131.14 3.51 0.56	148.05 3.78 0.00	154.22 3.50 0.00	75.17 1.96 0.00

GILBOA___3 23758	96.51 2.46 -12.86	91.59 2.53 -12.41	117.95 3.39 -8.65	119.28 2.60 -4.72	137.82 2.96 -7.10	158.65 2.60 -8.40	127.38 2.21 -4.94	150.82 2.72 -1.61	153.80 2.81 -0.43	155.76 3.02 0.00	119.90 3.16 -0.55	106.68 2.83 -0.73	100.44 2.84 0.00	107.18 3.23 -0.41	99.96 2.47 -8.58	111.64 2.89 0.00	99.00 2.51 0.00	99.39 2.41 0.76	132.83 3.11 0.00	108.18 2.96 0.09	131.14 3.51 0.56	148.05 3.78 0.00	154.22 3.50 0.00	75.17 1.96 0.00
GILBOA___4 23759	96.51 2.46 -12.86	91.59 2.53 -12.41	117.95 3.39 -8.65	119.28 2.60 -4.72	137.82 2.96 -7.10	158.65 2.60 -8.40	127.38 2.21 -4.94	150.82 2.72 -1.61	153.80 2.81 -0.43	155.76 3.02 0.00	119.90 3.16 -0.55	106.68 2.83 -0.73	100.44 2.84 0.00	107.18 3.23 -0.41	99.96 2.47 -8.58	111.64 2.89 0.00	99.00 2.51 0.00	99.39 2.41 0.76	132.83 3.11 0.00	108.18 2.96 0.09	131.14 3.51 0.56	148.05 3.78 0.00	154.22 3.50 0.00	75.17 1.96 0.00
GILBOA___ 23599	96.51 2.45 -12.86	91.60 2.54 -12.41	117.95 3.40 -8.65	119.29 2.61 -4.72	137.83 2.97 -7.10	158.65 2.60 -8.40	127.39 2.22 -4.94	150.82 2.72 -1.61	153.80 2.81 -0.43	155.78 3.04 0.00	119.90 3.16 -0.55	106.68 2.82 -0.73	100.44 2.84 0.00	107.18 3.22 -0.41	99.96 2.48 -8.58	111.64 2.89 0.00	98.99 2.50 0.00	99.39 2.42 0.76	132.83 3.11 0.00	108.18 2.96 0.09	131.14 3.51 0.56	148.05 3.79 0.00	154.23 3.50 0.00	75.17 1.96 0.00
GINNA___ 23603	73.43 -7.76 0.00	69.39 -7.25 0.00	94.68 -10.78 0.44	100.34 -11.63 0.00	114.56 -13.21 0.00	132.88 -14.78 0.00	108.97 -11.26 0.00	132.49 -14.00 0.00	136.22 -14.34 0.00	138.16 -14.58 0.00	104.97 -11.23 0.00	92.70 -10.42 0.00	87.52 -10.09 0.00	92.74 -9.94 0.87	80.48 -8.43 0.00	95.57 -11.09 2.09	81.57 -9.79 5.13	71.96 -10.16 15.61	117.47 -12.19 0.06	92.86 -10.54 1.90	106.00 -13.14 9.05	128.81 -14.63 0.82	135.55 -15.17 0.00	65.77 -7.44 0.00
GLEN PARK___ 23778	84.65 3.45 0.00	79.83 3.18 0.00	110.12 4.22 0.00	116.39 4.43 0.00	133.23 5.46 0.00	154.59 6.95 0.00	127.16 6.93 0.00	155.22 8.73 0.00	159.63 9.07 0.00	160.89 8.15 0.00	121.47 5.27 0.00	106.99 3.87 0.00	100.86 3.26 0.00	106.81 3.26 0.00	92.41 3.50 0.00	113.68 4.93 0.00	101.62 5.13 0.00	103.24 5.51 0.00	138.50 8.78 0.00	110.84 5.54 0.00	131.39 3.19 0.00	146.42 2.14 0.00	152.13 1.41 0.00	73.39 0.18 0.00
GLENDALE_27_KV_LOAD 356172	107.51 5.43 -20.88	101.75 4.96 -20.15	125.86 5.93 -14.03	124.47 5.03 -7.48	144.66 5.64 -11.26	167.19 6.21 -13.33	134.02 5.95 -7.84	157.65 8.46 -2.69	160.91 9.63 -0.72	162.56 9.82 0.00	126.00 8.88 -0.92	112.37 8.03 -1.23	105.58 7.98 0.00	114.82 8.96 -2.30	110.25 6.95 -14.39	116.53 7.78 0.00	103.66 7.17 0.00	104.84 7.10 0.00	138.77 9.05 0.00	112.86 7.56 0.00	136.69 8.50 0.00	153.32 9.05 0.00	159.27 8.54 0.00	77.52 4.30 0.00
GLENWOOD_IC_1_G5 23712	107.70 5.65 -20.86	102.00 5.22 -20.13	126.15 6.24 -14.01	124.80 5.36 -7.47	145.46 6.44 -11.26	167.47 6.49 -13.33	134.52 6.45 -7.84	157.96 8.78 -2.69	162.06 10.78 -0.72	163.65 10.91 0.00	143.12 9.82 -17.11	167.43 9.04 -55.27	146.22 8.82 -39.79	145.13 9.78 -31.80	122.45 7.74 -25.80	129.04 8.81 -11.48	104.31 7.83 0.00	105.45 7.71 0.00	139.33 9.61 0.00	113.86 8.56 0.00	146.32 9.92 -8.20	154.59 10.32 0.00	160.64 9.92 0.00	78.12 4.90 0.00
GLENWOOD_IC_2_G1 23688	107.79 5.73 -20.86	102.11 5.34 -20.13	126.30 6.39 -14.01	124.91 5.47 -7.47	145.31 6.29 -11.26	167.61 6.63 -13.33	134.62 6.56 -7.84	158.05 8.86 -2.69	161.72 10.44 -0.72	163.32 10.58 0.00	142.81 9.51 -17.11	167.16 8.78 -55.27	145.96 8.56 -39.79	144.85 9.50 -31.80	122.24 7.52 -25.80	128.78 8.55 -11.48	104.09 7.60 0.00	105.27 7.54 0.00	139.33 9.60 0.00	113.62 8.32 0.00	146.04 9.64 -8.20	154.27 10.00 0.00	160.39 9.67 0.00	78.00 4.78 0.00
GLENWOOD_IC_3_G1 23689	107.79 5.73 -20.86	102.11 5.34 -20.13	126.30 6.39 -14.01	124.91 5.47 -7.47	145.31 6.29 -11.26	167.61 6.63 -13.33	134.62 6.56 -7.84	158.05 8.86 -2.69	161.72 10.44 -0.72	163.32 10.58 0.00	142.81 9.51 -17.11	167.16 8.78 -55.27	145.96 8.56 -39.79	144.85 9.50 -31.80	122.24 7.52 -25.80	128.78 8.55 -11.48	104.09 7.60 0.00	105.27 7.54 0.00	139.33 9.60 0.00	113.62 8.32 0.00	146.04 9.64 -8.20	154.27 10.00 0.00	160.39 9.67 0.00	78.00 4.78 0.00
GLENWOOD___4 23550	107.78 5.73 -20.86	102.11 5.34 -20.13	126.30 6.39 -14.01	124.93 5.49 -7.47	145.49 6.47 -11.26	167.62 6.64 -13.33	134.64 6.57 -7.84	158.11 8.93 -2.69	162.07 10.79 -0.72	163.65 10.91 0.00	143.12 9.82 -17.11	167.43 9.04 -55.27	146.22 8.82 -39.79	145.13 9.78 -31.80	122.45 7.74 -25.80	129.04 8.81 -11.48	104.31 7.83 0.00	105.49 7.76 0.00	139.46 9.73 0.00	113.86 8.56 0.00	146.32 9.92 -8.20	154.59 10.32 0.00	160.64 9.92 0.00	78.12 4.90 0.00
GLENWOOD___5 23614	107.78 5.73 -20.86	102.11 5.34 -20.13	126.30 6.39 -14.01	124.93 5.49 -7.47	145.49 6.47 -11.26	167.62 6.64 -13.33	134.64 6.57 -7.84	158.11 8.93 -2.69	162.07 10.79 -0.72	163.65 10.91 0.00	143.12 9.82 -17.11	167.43 9.04 -55.27	146.22 8.82 -39.79	145.13 9.78 -31.80	122.45 7.74 -25.80	129.04 8.81 -11.48	104.31 7.83 0.00	105.49 7.76 0.00	139.46 9.73 0.00	113.86 8.56 0.00	146.32 9.92 -8.20	154.59 10.32 0.00	160.64 9.92 0.00	78.12 4.90 0.00
GLOBAL GREEN_PORT_GT1 23814	112.03 9.98 -20.86	105.94 9.16 -20.13	131.04 11.12 -14.01	129.26 9.82 -7.47	149.06 10.04 -11.26	168.29 7.31 -13.33	136.76 8.70 -7.84	162.38 13.20 -2.69	164.59 13.31 -0.72	179.73 13.96 -13.03	225.01 10.62 -98.20	167.74 9.35 -55.27	148.80 11.41 -39.79	147.42 12.07 -31.80	124.03 9.31 -25.80	130.64 10.42 -11.48	105.11 8.62 0.00	106.16 8.43 0.00	140.89 11.16 0.00	114.76 9.45 -0.01	199.16 11.28 -59.69	155.88 11.60 -0.01	161.69 10.97 0.00	78.30 5.09 0.00
GLOBE___DSASP 323697	71.16 -10.04 0.00	67.22 -9.43 0.00	90.84 -14.34 0.72	96.72 -15.24 0.00	110.20 -17.57 0.00	127.65 -20.00 0.00	104.36 -15.87 0.00	126.04 -20.44 0.00	129.80 -20.76 0.00	132.23 -20.50 0.00	100.30 -15.90 0.00	88.44 -14.68 0.00	83.29 -14.32 0.00	88.46 -14.27 0.82	76.66 -12.25 0.00	88.84 -16.48 3.43	73.51 -14.56 8.42	61.81 -15.59 20.33	111.28 -18.34 0.10	86.83 -15.96 2.51	97.99 -19.26 10.94	122.28 -20.64 1.36	130.51 -20.21 0.00	63.59 -9.63 0.00
GOETHSLN___LBMP 323567	106.53 4.46 -20.88	100.85 4.06 -20.14	124.78 4.85 -14.02	123.25 3.81 -7.48	143.33 4.31 -11.26	165.65 4.67 -13.33	132.70 4.63 -7.84	155.89 6.71 -2.69	159.01 7.74 -0.72	160.56 7.83 0.00	124.37 7.25 -0.92	110.88 6.53 -1.23	104.05 6.45 0.00	111.71 7.33 -0.84	108.99 5.69 -14.38	115.02 6.31 0.04	102.31 5.82 0.00	103.42 5.69 0.00	136.85 7.12 0.00	111.36 6.05 0.00	134.89 6.70 0.00	151.30 7.03 0.00	157.25 6.52 0.00	76.62 3.40 0.00
GOLAH___69_KV_TB 1_2 80279	76.23 -4.96 0.00	72.02 -4.63 0.00	98.08 -7.34 0.49	103.99 -7.98 0.00	118.73 -9.03 0.00	137.66 -9.99 0.00	112.87 -7.35 0.00	137.19 -9.29 0.00	141.01 -9.55 0.00	143.08 -9.66 0.00	108.37 -7.82 0.00	95.60 -7.52 0.00	90.11 -7.49 0.00	95.70 -6.97 0.87	83.22 -5.69 0.00	98.51 -7.91 2.33	83.77 -7.00 5.71	73.80 -7.41 16.53	121.71 -7.95 0.07	95.95 -7.32 2.03	109.53 -9.18 9.48	133.50 -9.86 0.92	140.75 -9.97 0.00	68.28 -4.94 0.00

GOODYEAR_LAKE_HYD 323669	150.66 2.89 -66.58	143.70 2.80 -64.25	154.28 3.59 -44.79	139.69 3.22 -24.50	168.44 3.78 -36.90	195.89 4.56 -43.67	150.44 4.53 -25.68	160.84 5.89 -8.47	158.89 6.08 -2.26	158.72 5.98 0.00	123.81 4.74 -2.88	110.85 3.87 -3.86	101.16 3.56 0.00	109.93 3.92 -2.46	137.41 3.35 -45.15	112.83 4.08 0.00	100.08 3.59 0.00	99.94 3.61 1.41	134.56 4.84 0.00	108.81 3.67 0.16	131.19 4.03 1.04	148.60 4.33 0.00	154.58 3.86 0.00	74.96 1.74 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	89.73 -0.79 -9.33	84.79 -0.86 -9.00	110.08 -1.64 -5.83	113.07 -2.36 -3.46	130.60 -2.38 -5.21	150.97 -2.85 -6.17	122.25 -1.61 -3.63	145.70 -1.99 -1.20	149.04 -1.84 -0.32	150.76 -1.98 0.00	115.20 -1.41 -0.41	101.91 -1.76 -0.55	96.15 -1.46 0.00	102.47 -1.11 -0.03	94.27 -1.04 -6.40	104.89 -1.69 2.17	89.63 -1.55 5.32	84.80 -1.61 11.33	128.15 -1.51 0.06	102.49 -1.40 1.41	120.32 -2.08 5.79	141.11 -2.31 0.86	147.81 -2.91 0.00	71.86 -1.35 0.00
GOUDEY___7 23579	89.73 -0.79 -9.33	84.79 -0.86 -9.00	110.08 -1.64 -5.83	113.07 -2.36 -3.46	130.60 -2.38 -5.21	150.97 -2.85 -6.17	122.25 -1.61 -3.63	145.70 -1.99 -1.20	149.04 -1.84 -0.32	150.76 -1.98 0.00	115.20 -1.41 -0.41	101.91 -1.76 -0.55	96.15 -1.46 0.00	102.47 -1.11 -0.03	94.27 -1.04 -6.40	104.89 -1.69 2.17	89.63 -1.55 5.32	84.80 -1.61 11.33	128.15 -1.51 0.06	102.49 -1.40 1.41	120.32 -2.08 5.79	141.11 -2.31 0.86	147.81 -2.91 0.00	71.86 -1.35 0.00
GOUDEY___8 23580	89.73 -0.79 -9.33	84.79 -0.86 -9.00	110.08 -1.64 -5.83	113.07 -2.36 -3.46	130.60 -2.38 -5.21	150.97 -2.85 -6.17	122.25 -1.61 -3.63	145.70 -1.99 -1.20	149.04 -1.84 -0.32	150.76 -1.98 0.00	115.20 -1.41 -0.41	101.91 -1.76 -0.55	96.15 -1.46 0.00	102.47 -1.11 -0.03	94.27 -1.04 -6.40	104.89 -1.69 2.17	89.63 -1.55 5.32	84.80 -1.61 11.33	128.15 -1.51 0.06	102.49 -1.40 1.41	120.32 -2.08 5.79	141.11 -2.31 0.86	147.81 -2.91 0.00	71.86 -1.35 0.00
GOWANUS_GT1_1 24077	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT1_2 24078	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT1_3 24079	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT1_4 24080	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT1_5 24084	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT1_6 24111	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT1_7 24112	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT1_8 24113	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT2_1 24114	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT2_2 24115	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT2_3 24116	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20

GOWANUS_GT2_4 24117	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT2_5 24118	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT2_6 24119	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT2_7 24120	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT2_8 24121	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT3_1 24122	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.29 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT3_2 24123	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.30 									

GOWANUS_GT4_3 24132	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT4_4 24133	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT4_5 24134	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT4_6 24135	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT4_7 24136	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GOWANUS_GT4_8 24137	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GREENBSH_115KV_TB3 55895	197.09 3.18 -112.71	188.29 2.88 -108.76	185.68 3.98 -75.80	156.92 3.59 -41.36	193.99 3.93 -62.30	225.12 3.74 -73.73	166.18 2.59 -43.36	163.15 2.44 -14.22	156.45 2.10 -3.79	154.86 2.13 0.00	123.47 2.43 -4.84	111.90 2.30 -6.48	100.21 2.60 0.00	110.45 2.50 -4.41	149.15 2.04 -58.20	111.28 2.54 0.00	98.83 2.34 0.00	100.08 2.34 0.00	132.49 2.76 0.00	107.97 2.67 0.00	131.69 3.50 0.00	148.17 3.90 0.00	154.48 3.75 0.00	75.89 2.68 0.00
GREENIDGE_115KV_TB5 80291	84.24 -2.54 -5.59	79.81 -2.23 -5.39	102.81 -4.37 -1.27	108.62 -5.42 -2.07	124.91 -5.98 -3.12	144.84 -6.51 -3.70	118.77 -3.63 -2.17	141.43 -5.78 -0.72	144.87 -5.88 -0.19	146.28 -6.46 0.00	111.18 -5.26 -0.24	97.65 -5.79 -0.32	92.44 -5.17 0.00	98.63 -4.58 0.33	88.96 -3.79 -3.84	91.38 -5.49 11.87	63.04 -4.32 29.13	43.38 -3.74 50.62	124.19 -5.19 0.34	94.30 -4.59 6.41	99.27 -5.64 23.28	132.28 -7.31 4.69	142.40 -8.32 0.01	70.06 -3.15 0.00
GREENIDGE___3 23582	84.24 -2.54 -5.59	79.81 -2.23 -5.39	102.81 -4.37 -1.27	108.62 -5.42 -2.07	124.91 -5.98 -3.12	144.84 -6.51 -3.70	118.77 -3.63 -2.17	141.43 -5.78 -0.72	144.87 -5.88 -0.19	146.28 -6.46 0.00	111.18 -5.26 -0.24	97.65 -5.79 -0.32	92.44 -5.17 0.00	98.63 -4.58 0.33	88.96 -3.79 -3.84	91.38 -5.49 11.87	63.04 -4.32 29.13	43.38 -3.74 50.62	124.19 -5.19 0.34	94.30 -4.59 6.41	99.27 -5.64 23.28	132.28 -7.31 4.69	142.40 -8.32 0.01	70.06 -3.15 0.00
GREENIDGE___4 23583	84.24 -2.54 -5.59	79.81 -2.23 -5.39	102.80 -4.37 -1.27	108.60 -5.44 -2.07	124.91 -5.98 -3.12	144.84 -6.51 -3.70	118.77 -3.64 -2.17	141.43 -5.78 -0.72	144.87 -5.88 -0.19	146.28 -6.46 0.00	111.19 -5.26 -0.24	97.65 -5.79 -0.32	92.39 -5.22 0.00	98.63 -4.58 0.33	88.95 -3.80 -3.84	91.36 -5.51 11.87	63.00 -4.36 29.13	43.33 -3.79 50.62	124.19 -5.19 0.34	94.28 -4.61 6.41	99.14 -5.77 23.28	132.28 -7.31 4.69	142.36 -8.36 0.01	70.06 -3.15 0.00
GREENLWN_69_KV_BK 3 55738	107.57 5.52 -20.86	102.07 5.29 -20.13	126.30 6.39 -14.01	125.00 5.56 -7.47	144.89 5.87 -11.26	166.96 5.98 -13.33	134.19 6.12 -7.84	157.18 8.00 -2.69	160.49 9.21 -0.72	160.50 9.44 1.68	131.92 9.07 -6.65	166.66 8.28 -55.27	145.62 8.23 -39.79	144.50 9.15 -31.80	121.95 7.23 -25.80	128.40 8.17 -11.48	103.51 7.02 0.00	104.60 6.86 0.00	138.57 8.84 0.00	112.85 7.55 0.00	138.66 8.89 -1.58	153.47 9.20 0.00	159.73 9.01 0.00	77.76 4.54 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20
GRISSOM___SOLAR 323813	306.10 5.20 -219.70	293.64 4.98 -212.00	260.27 6.61 -147.76	199.29 6.60 -80.71	256.99 7.66 -121.57	300.72 9.18 -143.89	213.23 8.38 -84.62	184.76 10.39 -27.88	167.38 9.39 -7.43	161.33 8.59 0.00	131.87 6.18 -9.48	120.59 4.76 -12.71	101.95 4.34 0.00	117.04 4.86 -8.64	251.31 4.07 -158.34	115.08 6.33 0.00	102.64 6.15 0.00	104.52 6.79 0.00	138.75 9.03 0.00	112.40 7.10 0.00	136.45 8.26 0.00	153.51 9.24 0.00	159.80 9.07 0.00	77.40 4.18 0.00
GROVEVILLE___HYD 323602	107.80 5.11 -21.50	102.02 4.63 -20.74	126.02 5.67 -14.44	124.68 4.97 -7.75	145.08 5.65 -11.67	167.82 6.35 -13.82	134.34 5.99 -8.13	157.48 8.19 -2.79	160.57 9.27 -0.75	162.05 9.31 0.00	125.34 8.18 -0.96	111.75 7.35 -1.28	104.79 7.19 0.00	112.41 8.00 -0.87	110.00 6.19 -14.90	115.81 7.06 0.00	103.13 6.64 0.00	104.45 6.72 0.00	138.46 8.74 0.00	112.61 7.31 0.00	136.56 8.37 0.00	153.20 8.93 0.00	159.27 8.55 0.00	77.46 4.25 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	79.41 -1.78 0.00	74.93 -1.72 0.00	103.11 -2.79 0.00	108.62 -3.35 0.00	124.03 -3.73 0.00	143.51 -4.14 0.00	117.51 -2.72 0.00	143.16 -3.34 0.00	147.14 -3.41 0.00	149.12 -3.62 0.00	113.38 -2.82 0.00	100.27 -2.85 0.00	94.89 -2.72 0.00	100.75 -2.50 0.30	86.84 -2.07 0.00	105.98 -2.77 0.00	94.21 -2.28 0.00	92.92 -2.20 2.61	127.27 -2.46 0.00	102.74 -2.26 0.30	123.30 -2.96 1.93	140.72 -3.55 0.00	146.48 -4.24 0.00	71.16 -2.06 0.00

HAMLTNNY_34_KV_TB 80303	79.45 -1.74 0.00	74.98 -1.67 0.00	103.13 -2.77 0.00	108.59 -3.38 0.00	124.01 -3.75 0.00	143.57 -4.09 0.00	117.59 -2.64 0.00	143.20 -3.29 0.00	147.19 -3.37 0.00	149.15 -3.59 0.00	113.39 -2.81 0.00	100.24 -2.88 0.00	94.81 -2.80 0.00	100.76 -2.50 0.29	86.84 -2.07 0.00	105.98 -2.77 0.00	94.21 -2.28 0.00	93.10 -2.15 2.49	127.37 -2.35 0.00	102.79 -2.22 0.29	123.50 -2.85 1.84	140.78 -3.49 0.00	146.52 -4.20 0.00	71.17 -2.04 0.00
HAMPSHIRE___PAPER_HYD 323593	82.95 1.75 0.00	78.24 1.59 0.00	108.40 2.50 0.00	115.90 3.94 0.00	132.41 4.65 0.00	153.64 5.99 0.00	124.92 4.70 0.00	151.97 5.48 0.00	155.15 4.59 0.00	157.44 4.70 0.00	119.30 3.10 0.00	105.63 2.51 0.00	99.68 2.07 0.00	105.38 1.83 0.00	90.92 2.01 0.00	111.06 2.31 0.00	98.60 2.11 0.00	99.97 2.24 0.00	132.80 3.08 0.00	106.70 1.40 0.00	128.53 0.34 0.00	144.79 0.52 0.00	152.74 2.02 0.00	73.74 0.53 0.00
HARDSCRABBLE_WT_PWR 323673	84.61 3.42 0.00	79.78 3.13 0.00	109.96 4.06 0.00	115.31 3.34 0.00	131.88 4.12 0.00	152.12 4.47 0.00	124.27 4.04 0.00	151.00 4.51 0.00	154.44 3.88 0.00	156.64 3.90 0.00	119.37 3.17 0.00	105.80 2.68 0.00	100.41 2.81 0.00	106.50 2.95 0.00	90.58 1.67 0.00	111.25 2.50 0.00	99.08 2.59 0.00	100.47 2.73 0.00	133.21 3.48 0.00	107.96 2.66 0.00	131.27 3.08 0.00	147.61 3.34 0.00	153.12 2.39 0.00	74.70 1.49 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	103.67 3.92 -18.56	98.14 3.58 -17.91	122.71 4.31 -12.49	122.58 3.61 -6.99	142.43 4.13 -10.54	164.76 4.63 -12.48	132.12 4.55 -7.34	155.36 6.36 -2.51	158.40 7.17 -0.67	160.03 7.30 0.00	123.64 6.59 -0.85	110.22 5.95 -1.14	103.43 5.82 0.00	110.92 6.59 -0.78	107.48 5.14 -13.42	114.58 5.83 0.00	101.93 5.44 0.00	103.14 5.40 0.00	136.76 7.03 0.00	111.20 5.90 0.00	134.83 6.63 0.00	151.29 7.02 0.00	157.35 6.63 0.00	76.55 3.34 0.00
HARSNRAD_115KV_TB1 81005	71.84 -9.35 0.00	68.00 -8.65 0.00	91.79 -13.25 0.86	97.84 -14.12 0.00	111.56 -16.20 0.00	129.25 -18.40 0.00	105.61 -14.62 0.00	127.56 -18.93 0.00	131.27 -19.29 0.00	133.68 -19.06 0.00	101.35 -14.85 0.00	89.31 -13.81 0.00	84.10 -13.50 0.00	89.44 -13.29 0.82	77.55 -11.36 0.00	89.15 -15.54 4.06	72.84 -13.76 9.89	60.12 -14.75 22.86	112.77 -16.85 0.10	87.90 -14.85 2.56	98.81 -18.21 11.17	123.42 -19.24 1.60	131.81 -18.92 0.00	64.18 -9.04 0.00
HARZA MOOSE___RIVER 24016	84.15 2.96 0.00	79.39 2.74 0.00	109.60 3.69 0.00	115.89 3.92 0.00	132.56 4.79 0.00	153.48 5.83 0.00	125.69 5.46 0.00	153.15 6.66 0.00	157.27 6.71 0.00	159.39 6.66 0.00	120.84 4.64 0.00	106.98 3.85 0.00	101.16 3.56 0.00	107.07 3.65 0.12	92.28 3.37 0.00	113.02 4.28 0.00	100.58 4.09 0.00	100.93 4.26 1.07	135.75 6.03 0.00	108.92 3.74 0.12	129.66 2.26 0.79	146.05 1.77 0.00	152.29 1.57 0.00	74.00 0.78 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	78.68 -2.52 0.00	74.25 -2.40 0.00	102.17 -3.73 0.00	107.66 -4.31 0.00	122.97 -4.79 0.00	142.25 -5.40 0.00	116.46 -3.77 0.00	141.90 -4.59 0.00	145.96 -4.60 0.00	147.94 -4.80 0.00	112.53 -3.67 0.00	99.55 -3.57 0.00	94.20 -3.40 0.00	99.79 -3.22 0.53	86.16 -2.75 0.00	105.14 -3.60 0.00	93.42 -3.07 0.00	90.00 -3.12 4.61	126.11 -3.61 0.00	101.58 -3.20 0.53	120.65 -4.13 3.41	139.47 -4.80 0.00	145.29 -5.43 0.00	70.58 -2.64 0.00
HELLGATE_13_KV_LD 55870	107.18 5.11 -20.88	101.47 4.67 -20.15	125.47 5.54 -14.03	124.04 4.59 -7.48	144.16 5.14 -11.26	166.53 5.55 -13.33	133.45 5.38 -7.84	156.93 7.74 -2.69	160.08 8.80 -0.72	161.74 9.00 0.00	125.36 8.24 -0.92	111.81 7.46 -1.23	105.03 7.43 0.00	112.76 8.38 -0.84	109.76 6.46 -14.39	115.92 7.17 0.00	103.10 6.61 0.00	104.28 6.55 0.00	138.00 8.28 0.00	112.25 6.95 0.00	135.99 7.80 0.00	152.60 8.32 0.00	158.57 7.84 0.00	77.20 3.99 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	107.18 5.11 -20.88	101.47 4.67 -20.15	125.47 5.54 -14.03	124.04 4.59 -7.48	144.16 5.14 -11.26	166.53 5.55 -13.33	133.45 5.38 -7.84	156.93 7.74 -2.69	160.08 8.80 -0.72	161.74 9.00 0.00	125.36 8.24 -0.92	111.81 7.46 -1.23	105.03 7.43 0.00	112.76 8.38 -0.84	109.76 6.46 -14.39	115.92 7.17 0.00	103.10 6.61 0.00	104.28 6.55 0.00	138.00 8.28 0.00	112.25 6.95 0.00	135.99 7.80 0.00	152.60 8.32 0.00	158.57 7.84 0.00	77.20 3.99 0.00
HEMPSTEAD____ 23647	107.34 5.28 -20.86	101.67 4.90 -20.13	125.72 5.80 -14.01	124.35 4.91 -7.47	144.59 5.57 -11.26	166.84 5.86 -13.33	133.97 5.91 -7.84	157.20 8.02 -2.69	160.82 9.54 -0.72	162.41 9.67 0.00	142.16 8.85 -17.11	166.59 8.21 -55.27	145.45 8.06 -39.79	144.31 8.96 -31.80	121.75 7.03 -25.80	128.19 7.96 -11.48	103.48 6.99 0.00	104.67 6.94 0.00	138.58 8.85 0.00	113.00 7.70 0.00	145.28 8.88 -8.20	153.42 9.15 0.00	159.44 8.71 0.00	77.56 4.35 0.00
HEWLETT_69_KV_BK3 55828	107.88 5.83 -20.86	102.32 5.55 -20.13	126.38 6.47 -14.01	125.01 5.57 -7.47	145.22 6.20 -11.26	167.78 6.79 -13.33	134.64 6.57 -7.84	158.07 8.89 -2.69	161.48 10.20 -0.72	163.06 10.32 0.00	142.63 9.32 -17.11	166.95 8.56 -55.27	145.77 8.38 -39.79	144.68 9.33 -31.80	122.10 7.38 -25.80	128.59 8.36 -11.48	104.02 7.54 0.00	105.22 7.49 0.00	139.36 9.64 0.00	113.50 8.20 0.00	146.18 9.78 -8.20	154.20 9.93 0.00	160.58 9.85 0.00	78.04 4.82 0.00
HICKLING___1 23621	85.68 -2.48 -6.97	80.88 -2.49 -6.72	104.07 -4.23 -2.40	109.30 -5.25 -2.59	126.30 -5.35 -3.90	146.01 -6.25 -4.61	119.15 -3.79 -2.71	142.52 -4.86 -0.90	146.08 -4.72 -0.24	147.75 -4.99 0.00	112.48 -4.02 -0.30	98.87 -4.65 -0.40	93.67 -3.92 0.00	100.16 -3.18 0.20	90.74 -2.96 -4.79	93.25 -4.56 10.94	65.41 -4.23 26.85	47.02 -4.34 46.38	124.65 -4.76 0.31	95.15 -4.27 5.87	101.24 -5.69 21.25	133.85 -6.10 4.32	143.84 -6.88 0.00	70.16 -3.06 0.00
HICKLING___2 23622	85.68 -2.48 -6.97	80.88 -2.49 -6.72	104.07 -4.23 -2.40	109.30 -5.25 -2.59	126.30 -5.35 -3.90	146.01 -6.25 -4.61	119.15 -3.79 -2.71	142.52 -4.86 -0.90	146.08 -4.72 -0.24	147.75 -4.99 0.00	112.48 -4.02 -0.30	98.87 -4.65 -0.40	93.67 -3.92 0.00	100.16 -3.18 0.20	90.74 -2.96 -4.79	93.25 -4.56 10.94	65.41 -4.23 26.85	47.02 -4.34 46.38	124.65 -4.76 0.31	95.15 -4.27 5.87	101.24 -5.69 21.25	133.85 -6.10 4.32	143.84 -6.88 0.00	70.16 -3.06 0.00
HIGH FALLS___HY 23754	114.64 4.58 -28.87	108.66 4.15 -27.85	130.36 5.03 -19.42	127.19 4.52 -10.70	149.05 5.16 -16.13	172.68 5.93 -19.10	137.36 5.90 -11.23	158.44 8.18 -3.77	160.87 9.30 -1.01	162.06 9.32 0.00	125.58 8.10 -1.29	112.03 7.18 -1.73	104.49 6.89 0.00	112.60 7.88 -1.18	115.34 6.29 -20.14	115.97 7.22 0.00	103.22 6.73 0.00	104.57 6.84 0.00	138.74 9.02 0.00	112.77 7.46 0.00	136.71 8.51 0.00	153.29 9.02 0.00	159.27 8.55 0.00	77.29 4.08 0.00
HIGH_RIVER___SOLAR 323847	317.17 3.87 -232.10	304.35 3.73 -223.97	266.86 4.85 -156.10	201.92 4.68 -85.27	261.64 5.45 -128.43	305.86 6.22 -152.00	215.30 5.68 -89.40	182.91 6.97 -29.45	165.05 6.64 -7.85	159.13 6.39 0.00	131.22 5.00 -10.02	120.77 4.22 -13.42	101.48 3.88 0.00	117.06 4.39 -9.12	259.70 3.52 -167.27	113.61 4.86 0.00	101.17 4.68 0.00	102.65 4.92 0.00	136.18 6.45 0.00	110.52 5.21 0.00	134.28 6.09 0.00	151.07 6.80 0.00	157.32 6.59 0.00	76.41 3.19 0.00

HILLBURN___GT 23639	103.85 3.70 -18.96	98.32 3.38 -18.30	122.63 3.97 -12.77	122.13 3.07 -7.09	141.93 3.49 -10.68	164.13 3.83 -12.65	131.62 3.95 -7.44	154.68 5.64 -2.55	157.68 6.45 -0.68	159.30 6.56 0.00	123.09 6.02 -0.87	109.74 5.46 -1.16	103.03 5.42 0.00	110.51 6.17 -0.79	107.31 4.78 -13.62	114.04 5.30 0.00	101.43 4.94 0.00	102.57 4.83 0.00	135.94 6.22 0.00	110.60 5.30 0.00	134.12 5.93 0.00	150.47 6.20 0.00	156.61 5.88 0.00	76.19 2.98 0.00
HILLSIDE_115KV_TB1 80332	85.22 -3.19 -7.22	80.41 -3.20 -6.96	103.51 -5.10 -2.71	108.46 -6.19 -2.68	125.35 -6.45 -4.03	144.80 -7.63 -4.78	117.93 -5.10 -2.81	140.96 -6.46 -0.93	144.53 -6.28 -0.25	146.13 -6.61 0.00	111.44 -5.07 -0.32	98.08 -5.45 -0.42	93.02 -4.58 0.00	99.22 -4.16 0.17	90.08 -3.79 -4.96	93.11 -5.37 10.26	66.28 -5.01 25.20	49.09 -5.04 43.60	123.74 -5.69 0.29	94.91 -4.87 5.52	101.85 -6.34 20.00	133.24 -6.98 4.06	142.78 -7.94 0.00	69.60 -3.62 0.00
HISHELDN_WT_PWR 323625	74.48 -6.71 0.00	70.38 -6.27 0.00	95.12 -9.90 0.88	103.11 -10.70 -1.85	118.57 -11.97 -2.78	137.15 -13.79 -3.29	111.72 -10.44 -1.94	133.83 -13.30 -0.64	137.06 -13.67 -0.17	138.94 -13.80 0.00	105.34 -11.08 -0.22	92.49 -10.92 -0.29	87.36 -10.24 0.00	93.82 -9.20 0.53	84.16 -8.17 -3.42	91.89 -11.84 5.02	73.58 -10.59 12.31	60.62 -11.42 25.69	116.86 -12.72 0.14	90.87 -11.22 3.20	101.29 -13.88 13.02	127.68 -14.61 1.98	136.26 -14.46 0.00	66.53 -6.69 0.00
HOLTSVILLE_IC_1 23690	108.81 6.76 -20.86	103.07 6.29 -20.13	127.57 7.66 -14.01	126.16 6.72 -7.47	146.27 7.25 -11.26	168.69 7.71 -13.33	135.77 7.70 -7.84	159.27 10.09 -2.69	162.53 11.25 -0.72	177.27 11.46 -13.08	224.84 10.16 -98.48	167.83 9.44 -55.27	146.75 9.36 -39.79	145.66 10.31 -31.80	122.86 8.14 -25.80	129.58 9.35 -11.48	104.59 8.10 0.00	105.64 7.90 0.00	140.09 10.37 0.00	114.23 8.92 -0.01	198.59 10.51 -59.90	155.24 10.96 -0.01	161.44 10.71 0.00	78.40 5.19 0.00
HOLTSVILLE_IC_10 23699	109.29 7.24 -20.86	103.48 6.71 -20.13	128.13 8.22 -14.01	126.71 7.27 -7.47	146.92 7.90 -11.26	169.47 8.49 -13.33	136.48 8.42 -7.84	160.23 11.05 -2.69	163.47 12.19 -0.72	177.83 12.49 -12.60	222.73 11.00 -95.53	168.56 10.17 -55.27	147.46 10.07 -39.79	146.40 11.05 -31.80	123.49 8.77 -25.80	130.37 10.14 -11.48	105.26 8.77 0.00	106.35 8.62 0.00	141.07 11.35 0.00	115.03 9.72 -0.01	197.60 11.40 -58.01	156.26 11.97 -0.01	162.44 11.72 0.00	78.84 5.63 0.00
HOLTSVILLE_IC_2 23691	108.81 6.76 -20.86	103.07 6.29 -20.13	127.57 7.66 -14.01	126.16 6.72 -7.47	146.27 7.25 -11.26	168.69 7.71 -13.33	135.77 7.70 -7.84	159.27 10.09 -2.69	162.53 11.25 -0.72	177.27 11.46 -13.08	224.84 10.16 -98.48	167.83 9.44 -55.27	146.75 9.36 -39.79	145.66 10.31 -31.80	122.86 8.14 -25.80	129.58 9.35 -11.48	104.59 8.10 0.00	105.64 7.90 0.00	140.09 10.37 0.00	114.23 8.92 -0.01	198.59 10.51 -59.90	155.24 10.96 -0.01	161.44 10.71 0.00	78.40 5.19 0.00
HOLTSVILLE_IC_3 23692	108.81 6.76 -20.86	103.07 6.29 -20.13	127.57 7.66 -14.01	126.16 6.72 -7.47	146.27 7.25 -11.26	168.69 7.71 -13.33	135.77 7.70 -7.84	159.27 10.09 -2.69	162.53 11.25 -0.72	177.27 11.46 -13.08	224.84 10.16 -98.48	167.83 9.44 -55.27	146.75 9.36 -39.79	145.66 10.31 -31.80	122.86 8.14 -25.80	129.58 9.35 -11.48	104.59 8.10 0.00	105.64 7.90 0.00	140.09 10.37 0.00	114.23 8.92 -0.01	198.59 10.51 -59.90	155.24 10.96 -0.01	161.44 10.71 0.00	78.40 5.19 0.00
HOLTSVILLE_IC_4 23693	108.81 6.76 -20.86	103.07 6.29 -20.13	127.57 7.66 -14.01	126.16 6.72 -7.47	146.27 7.25 -11.26	168.69 7.71 -13.33	135.77 7.70 -7.84	159.27 10.09 -2.69	162.53 11.25 -0.72	177.27 11.46 -13.08	224.84 10.16 -98.48	167.83 9.44 -55.27	146.75 9.36 -39.79	145.66 10.31 -31.80	122.86 8.14 -25.80	129.58 9.35 -11.48	104.59 8.10 0.00	105.64 7.90 0.00	140.09 10.37 0.00	114.23 8.92 -0.01	198.59 10.51 -59.90	155.24 10.96 -0.01	161.44 10.71 0.00	78.40 5.19 0.00
HOLTSVILLE_IC_5 23694	108.81 6.76 -20.86	103.07 6.29 -20.13	127.57 7.66 -14.01	126.16 6.72 -7.47	146.27 7.25 -11.26	168.69 7.71 -13.33	135.77 7.70 -7.84	159.27 10.09 -2.69	162.53 11.25 -0.72	177.27 11.46 -13.08	224.84 10.16 -98.48	167.83 9.44 -55.27	146.75 9.36 -39.79	145.66 10.31 -31.80	122.86 8.14 -25.80	129.58 9.35 -11.48	104.59 8.10 0.00	105.64 7.90 0.00	140.09 10.37 0.00	114.23 8.92 -0.01	198.59 10.51 -59.90	155.24 10.96 -0.01	161.44 10.71 0.00	78.40 5.19 0.00
HOLTSVILLE_IC_6 23695	109.29 7.24 -20.86	103.48 6.71 -20.13	128.13 8.22 -14.01	126.71 7.27 -7.47	146.92 7.90 -11.26	169.47 8.49 -13.33	136.48 8.42 -7.84	160.23 11.05 -2.69	163.47 12.19 -0.72	177.83 12.49 -12.60	222.73 11.00 -95.53	168.56 10.17 -55.27	147.46 10.07 -39.79	146.40 11.05 -31.80	123.49 8.77 -25.80	130.37 10.14 -11.48	105.26 8.77 0.00	106.35 8.62 0.00	141.07 11.35 0.00	115.03 9.72 -0.01	197.60 11.40 -58.01	156.26 11.97 -0.01	162.44 11.72 0.00	78.84 5.63 0.00
HOLTSVILLE_IC_7 23696	109.29 7.24 -20.86	103.48 6.71 -20.13	128.13 8.22 -14.01	126.71 7.27 -7.47	146.92 7.90 -11.26	169.47 8.49 -13.33	136.48 8.42 -7.84	160.23 11.05 -2.69	163.47 12.19 -0.72	177.83 12.49 -12.60	222.73 11.00 -95.53	168.56 10.17 -55.27	147.46 10.07 -39.79	146.40 11.05 -31.80	123.49 8.77 -25.80	130.37 10.14 -11.48	105.26 8.77 0.00	106.35 8.62 0.00	141.07 11.35 0.00	115.03 9.72 -0.01	197.60 11.40 -58.01	156.26 11.97 -0.01	162.44 11.72 0.00	78.84 5.63 0.00
HOLTSVILLE_IC_8 23697	109.29 7.24 -20.86	103.48 6.71 -20.13	128.13 8.22 -14.01	126.71 7.27 -7.47	146.92 7.90 -11.26	169.47 8.49 -13.33	136.48 8.42 -7.84	160.23 11.05 -2.69	163.47 12.19 -0.72	177.83 12.49 -12.60	222.73 11.00 -95.53	168.56 10.17 -55.27	147.46 10.07 -39.79	146.40 11.05 -31.80	123.49 8.77 -25.80	130.37 10.14 -11.48	105.26 8.77 0.00	106.35 8.62 0.00	141.07 11.35 0.00	115.03 9.72 -0.01	197.60 11.40 -58.01	156.26 11.97 -0.01	162.44 11.72 0.00	78.84 5.63 0.00
HOLTSVILLE_IC_9 23698	109.29 7.24 -20.86	103.48 6.71 -20.13	128.13 8.22 -14.01	126.71 7.27 -7.47	146.92 7.90 -11.26	169.47 8.49 -13.33	136.48 8.42 -7.84	160.23 11.05 -2.69	163.47 12.19 -0.72	177.83 12.49 -12.60	222.73 11.00 -95.53	168.56 10.17 -55.27	147.46 10.07 -39.79	146.40 11.05 -31.80	123.49 8.77 -25.80	130.37 10.14 -11.48	105.26 8.77 0.00	106.35 8.62 0.00	141.07 11.35 0.00	115.03 9.72 -0.01	197.60 11.40 -58.01	156.26 11.97 -0.01	162.44 11.72 0.00	78.84 5.63 0.00
HOMER_HL_115KV_TB2 355744	81.66 -4.63 -5.10	77.15 -4.42 -4.92	101.35 -7.07 -2.51	105.68 -8.18 -1.89	121.63 -8.99 -2.85	140.13 -10.90 -3.38	113.51 -8.70 -1.99	136.10 -11.05 -0.66	139.36 -11.37 -0.17	141.55 -11.19 0.00	108.83 -7.59 -0.22	96.52 -6.90 -0.30	91.16 -6.44 0.00	97.11 -5.91 0.52	87.53 -4.89 -3.50	97.17 -7.19 4.38	79.11 -6.63 10.76	67.16 -7.40 23.18	121.69 -7.90 0.13	95.47 -6.95 2.88	107.48 -8.80 11.91	133.92 -8.62 1.73	142.40 -8.32 0.00	69.26 -3.95 0.00
HOWARD_WT_PWR 323690	83.81 -3.37 -5.98	79.18 -3.25 -5.77	101.60 -5.86 -1.56	106.74 -7.44 -2.22	123.31 -7.80 -3.35	142.01 -9.60 -3.96	117.09 -5.47 -2.33	140.79 -6.47 -0.77	144.30 -6.46 -0.21	146.03 -6.71 0.00	110.31 -6.15 -0.26	96.15 -7.32 -0.35	90.49 -7.11 0.00	97.69 -5.53 0.33	88.28 -4.75 -4.11	89.02 -7.94 11.79	59.99 -7.57 28.93	38.19 -9.09 50.45	118.11 -11.28 0.34	87.78 -11.13 6.38	90.20 -14.74 23.25	124.10 -15.51 4.66	135.33 -15.39 0.01	66.36 -6.85 0.00

HQ_GEN_CEDARS 23644	81.44 0.25 0.00	76.92 0.27 0.00	106.95 1.05 0.00	115.44 3.47 0.00	131.54 3.77 0.00	152.69 5.04 0.00	122.90 2.67 0.00	149.64 3.15 0.00	153.25 2.69 0.00	156.31 3.57 0.00	118.12 1.93 0.00	104.92 1.80 0.00	99.00 1.40 0.00	104.48 0.93 0.00	90.12 1.21 0.00	110.25 1.50 0.00	97.66 1.17 0.00	98.92 1.19 0.00	130.41 0.69 0.00	105.55 0.25 0.00	129.76 1.57 0.00	146.69 2.42 0.00	154.74 4.01 0.00	74.42 1.20 0.00
HQ_GEN_CEDARS_PROXY 323590	81.45 0.25 0.00	76.92 0.27 0.00	106.95 1.05 0.00	115.44 3.47 0.00	131.54 3.77 0.00	152.69 5.04 0.00	122.90 2.67 0.00	149.64 3.15 0.00	153.25 2.70 0.00	156.31 3.57 0.00	118.12 1.92 0.00	104.92 1.80 0.00	99.00 1.40 0.00	104.47 0.93 0.00	90.12 1.21 0.00	128.37 1.50 -18.12	97.66 1.17 0.00	98.92 1.18 0.00	130.41 0.69 0.00	105.55 0.25 0.00	129.76 1.57 0.00	146.68 2.42 0.00	154.73 4.01 0.00	74.42 1.20 0.00
HQ_GEN_IMPORT 323601	80.78 -0.42 0.00	76.29 -0.36 0.00	105.96 0.06 0.00	113.08 1.11 0.00	128.95 1.19 0.00	149.44 1.79 0.00	120.71 0.78 0.29	147.46 0.97 0.00	151.47 0.92 0.00	153.70 0.96 0.00	107.19 0.02 9.02	103.27 0.15 0.00	97.58 -0.02 0.00	103.10 -0.44 0.00	64.67 -0.07 24.17	126.97 0.10 -18.12	96.32 -0.17 0.00	97.59 -0.15 0.00	129.39 -0.33 0.00	104.93 -0.37 0.00	128.25 0.06 0.00	144.65 0.38 0.00	151.91 1.18 0.00	74.88 0.28 -1.39
HQ_GEN_WHEEL 23651	80.78 -0.42 0.00	76.29 -0.36 0.00	105.96 0.06 0.00	113.08 1.11 0.00	128.95 1.19 0.00	149.44 1.79 0.00	120.71 0.78 0.29	147.46 0.97 0.00	151.47 0.92 0.00	153.70 0.96 0.00	107.19 0.02 9.02	103.27 0.15 0.00	97.58 -0.02 0.00	103.10 -0.44 0.00	64.67 -0.07 24.17	126.97 0.10 -18.12	96.32 -0.17 0.00	97.59 -0.15 0.00	129.39 -0.33 0.00	104.93 -0.37 0.00	128.25 0.06 0.00	144.65 0.38 0.00	151.91 1.18 0.00	74.88 0.28 -1.39
HUDSON AVE_GT_3 23810	107.04 4.97 -20.88	101.31 4.52 -20.14	125.38 5.45 -14.02	123.92 4.48 -7.48	144.06 5.04 -11.26	166.50 5.51 -13.33	133.46 5.39 -7.84	156.90 7.72 -2.69	160.09 8.81 -0.72	161.72 8.98 0.00	125.24 8.13 -0.92	111.71 7.36 -1.23	104.89 7.28 0.00	112.55 8.17 -0.84	109.67 6.38 -14.39	115.89 7.15 0.00	103.07 6.58 0.00	104.19 6.46 0.00	137.91 8.18 0.00	112.20 6.90 0.00	135.91 7.72 0.00	152.43 8.16 0.00	158.43 7.70 0.00	77.13 3.92 0.00
HUDSON AVE_GT_4 23540	107.04 4.97 -20.88	101.31 4.52 -20.14	125.38 5.45 -14.02	123.92 4.48 -7.48	144.06 5.04 -11.26	166.50 5.51 -13.33	133.46 5.39 -7.84	156.90 7.72 -2.69	160.09 8.81 -0.72	161.72 8.98 0.00	125.24 8.13 -0.92	111.71 7.36 -1.23	104.89 7.28 0.00	112.55 8.17 -0.84	109.67 6.38 -14.39	115.89 7.15 0.00	103.07 6.58 0.00	104.19 6.46 0.00	137.91 8.18 0.00	112.20 6.90 0.00	135.91 7.72 0.00	152.43 8.16 0.00	158.43 7.70 0.00	77.13 3.92 0.00
HUDSON AVE_GT_5 23657	107.04 4.97 -20.88	101.31 4.52 -20.14	125.38 5.45 -14.02	123.92 4.48 -7.48	144.06 5.04 -11.26	166.50 5.51 -13.33	133.46 5.39 -7.84	156.90 7.72 -2.69	160.09 8.81 -0.72	161.72 8.98 0.00	125.24 8.13 -0.92	111.71 7.36 -1.23	104.89 7.28 0.00	112.55 8.17 -0.84	109.67 6.38 -14.39	115.89 7.15 0.00	103.07 6.58 0.00	104.19 6.46 0.00	137.91 8.18 0.00	112.20 6.90 0.00	135.91 7.72 0.00	152.43 8.16 0.00	158.43 7.70 0.00	77.13 3.92 0.00
HUDSON_AVE_10 24168	106.83 4.77 -20.88	101.05 4.26 -20.14	124.96 5.04 -14.02	123.49 4.05 -7.48	143.62 4.60 -11.26	165.99 5.01 -13.33	133.04 4.97 -7.84	156.44 7.25 -2.69	159.56 8.28 -0.72	161.12 8.38 0.00	124.82 7.71 -0.92	111.31 6.96 -1.23	104.50 6.89 0.00	112.13 7.74 -0.84	109.30 6.00 -14.39	115.47 6.73 0.00	102.72 6.23 0.00	103.83 6.09 0.00	137.44 7.72 0.00	111.82 6.52 0.00	135.50 7.31 0.00	151.90 7.63 0.00	157.90 7.18 0.00	76.88 3.67 0.00
HUDSON___115KV_TB 4 355613	179.98 5.62 -93.17	171.69 5.13 -89.90	175.71 7.15 -62.66	153.22 7.05 -34.20	187.22 7.95 -51.51	217.07 8.45 -60.96	162.71 6.62 -35.86	165.62 7.36 -11.77	160.44 6.75 -3.14	159.04 6.31 0.00	124.71 4.51 -4.01	112.36 3.86 -5.38	101.75 4.14 0.00	110.97 3.77 -3.66	141.89 3.61 -49.36	114.49 5.74 0.00	102.30 5.81 0.00	103.88 6.14 0.00	137.56 7.83 0.00	111.88 6.58 0.00	136.41 8.22 0.00	153.33 9.05 0.00	159.64 8.92 0.00	78.56 5.34 0.00
HUNTER MOUNT___DRP 323613	166.81 6.19 -79.43	158.96 5.67 -76.64	167.27 7.95 -53.41	149.08 7.94 -29.17	180.70 8.99 -43.94	209.40 9.75 -52.00	158.82 8.00 -30.58	165.61 9.07 -10.05	161.67 8.42 -2.68	160.71 7.97 0.00	124.87 5.25 -3.42	111.99 4.27 -4.60	102.48 4.88 0.00	111.21 4.53 -3.13	136.26 4.29 -43.05	115.43 6.68 0.00	103.19 6.70 0.00	104.86 7.12 0.00	138.88 9.15 0.00	112.93 7.63 0.00	137.65 9.46 0.00	154.66 10.39 0.00	160.97 10.25 0.00	79.09 5.88 0.00
HUNTINGTON_RES_REC 323705	108.37 6.32 -20.86	102.73 5.96 -20.13	127.13 7.22 -14.01	125.77 6.33 -7.47	145.76 6.74 -11.26	168.03 7.05 -13.33	135.25 7.18 -7.84	158.53 9.35 -2.69	161.82 10.54 -0.72	157.98 10.80 5.55	108.79 10.05 17.45	167.62 9.24 -55.27	146.54 9.14 -39.79	145.46 10.11 -31.80	122.70 7.98 -25.80	129.36 9.13 -11.48	104.39 7.90 0.00	105.47 7.73 0.00	139.79 10.07 0.00	113.97 8.67 0.00	124.62 10.11 13.68	154.84 10.57 0.00	161.10 10.38 0.00	78.32 5.10 0.00
HUNTLEY___63 23557	72.85 -8.34 0.00	68.87 -7.78 0.00	93.06 -12.11 0.73	99.06 -12.91 0.00	112.97 -14.79 0.00	130.89 -16.76 0.00	107.08 -13.14 0.00	129.59 -16.90 0.00	133.37 -17.19 0.00	135.77 -16.96 0.00	103.03 -13.17 0.00	90.75 -12.37 0.00	85.49 -12.11 0.00	90.99 -11.75 0.81	78.84 -10.07 0.00	91.31 -13.92 3.51	75.55 -12.32 8.62	63.88 -13.33 20.52	114.57 -15.05 0.10	89.37 -13.38 2.55	100.83 -16.31 11.05	125.69 -17.19 1.39	133.80 -16.92 0.00	65.12 -8.10 0.00
HUNTLEY___64 23558	72.85 -8.34 0.00	68.87 -7.78 0.00	93.06 -12.11 0.73	99.06 -12.91 0.00	112.97 -14.79 0.00	130.89 -16.76 0.00	107.08 -13.14 0.00	129.59 -16.90 0.00	133.37 -17.19 0.00	135.77 -16.96 0.00	103.03 -13.17 0.00	90.75 -12.37 0.00	85.49 -12.11 0.00	90.99 -11.75 0.81	78.84 -10.07 0.00	91.31 -13.92 3.51	75.55 -12.32 8.62	63.88 -13.33 20.52	114.57 -15.05 0.10	89.37 -13.38 2.55	100.83 -16.31 11.05	125.69 -17.19 1.39	133.80 -16.92 0.00	65.12 -8.10 0.00
HUNTLEY___65 23559	72.85 -8.34 0.00	68.87 -7.78 0.00	93.06 -12.11 0.73	99.06 -12.91 0.00	112.97 -14.79 0.00	130.89 -16.76 0.00	107.08 -13.14 0.00	129.59 -16.90 0.00	133.37 -17.19 0.00	135.77 -16.96 0.00	103.03 -13.17 0.00	90.75 -12.37 0.00	85.49 -12.11 0.00	90.99 -11.75 0.81	78.84 -10.07 0.00	91.31 -13.92 3.51	75.55 -12.32 8.62	63.88 -13.33 20.52	114.57 -15.05 0.10	89.37 -13.38 2.55	100.83 -16.31 11.05	125.69 -17.19 1.39	133.80 -16.92 0.00	65.12 -8.10 0.00
HUNTLEY___66 23560	72.85 -8.34 0.00	68.87 -7.78 0.00	93.06 -12.11 0.73	99.06 -12.91 0.00	112.97 -14.79 0.00	130.89 -16.76 0.00	107.08 -13.14 0.00	129.59 -16.90 0.00	133.37 -17.19 0.00	135.77 -16.96 0.00	103.03 -13.17 0.00	90.75 -12.37 0.00	85.49 -12.11 0.00	90.99 -11.75 0.81	78.84 -10.07 0.00	91.31 -13.92 3.51	75.55 -12.32 8.62	63.88 -13.33 20.52	114.57 -15.05 0.10	89.37 -13.38 2.55	100.83 -16.31 11.05	125.69 -17.19 1.39	133.80 -16.92 0.00	65.12 -8.10 0.00

HUNTLEY___67 23561	73.19 -8.01 0.00	69.15 -7.50 0.00	93.47 -11.65 0.78	99.54 -12.43 0.00	113.51 -14.25 0.00	131.41 -16.25 0.00	107.56 -12.66 0.00	130.20 -16.29 0.00	133.96 -16.60 0.00	136.30 -16.44 0.00	103.39 -12.80 0.00	91.09 -12.03 0.00	85.89 -11.71 0.00	91.38 -11.37 0.80	79.14 -9.77 0.00	91.47 -13.56 3.72	75.29 -12.09 9.11	63.38 -13.09 21.27	114.93 -14.68 0.11	89.63 -13.05 2.62	100.92 -15.99 11.28	125.93 -16.87 1.47	134.22 -16.51 0.00	65.33 -7.88 0.00
HUNTLEY___68 23562	73.19 -8.01 0.00	69.15 -7.50 0.00	93.47 -11.65 0.78	99.54 -12.43 0.00	113.51 -14.25 0.00	131.41 -16.25 0.00	107.56 -12.66 0.00	130.20 -16.29 0.00	133.96 -16.60 0.00	136.30 -16.44 0.00	103.39 -12.80 0.00	91.09 -12.03 0.00	85.89 -11.71 0.00	91.38 -11.37 0.80	79.14 -9.77 0.00	91.47 -13.56 3.72	75.29 -12.09 9.11	63.38 -13.09 21.27	114.93 -14.68 0.11	89.63 -13.05 2.62	100.92 -15.99 11.28	125.93 -16.87 1.47	134.22 -16.51 0.00	65.33 -7.88 0.00
HYLAND___LFGE 323620	73.99 -7.21 0.00	70.07 -6.57 0.00	94.65 -9.98 1.28	98.45 -13.52 0.00	112.76 -15.00 0.00	131.07 -16.58 0.00	108.75 -11.47 0.00	132.47 -14.65 -0.63	135.23 -15.49 -0.17	136.04 -16.70 0.00	101.20 -15.22 -0.21	88.06 -15.34 -0.28	82.75 -14.85 0.00	89.41 -13.62 0.52	81.39 -10.88 -3.36	89.45 -13.21 6.09	70.21 -11.33 14.95	57.95 -10.08 29.70	115.59 -13.96 0.17	89.55 -12.03 3.72	99.59 -13.90 14.70	137.52 -4.34 2.41	143.27 -7.45 0.00	69.42 -3.79 0.00
INDECK___CORINTH 23802	308.87 6.73 -220.95	296.78 6.93 -213.21	263.60 9.10 -148.60	202.10 8.98 -81.15	260.67 10.67 -122.24	304.50 12.18 -144.67	216.13 10.81 -85.09	187.79 13.12 -28.18	171.18 13.11 -7.51	166.47 13.73 0.00	136.66 10.88 -9.59	125.10 9.14 -12.85	106.02 8.42 0.00	121.65 9.37 -8.73	287.11 7.33 -190.87	118.06 9.31 0.00	105.58 9.09 0.00	107.38 9.65 0.00	142.52 12.79 0.00	115.74 10.43 0.00	140.66 12.47 0.00	158.15 13.88 0.00	164.24 13.52 0.00	79.96 6.75 0.00
INDECK___ILION 23567	83.41 2.22 0.00	78.69 2.04 0.00	108.55 2.64 0.00	114.11 2.14 0.00	130.40 2.64 0.00	150.49 2.83 0.00	122.85 2.62 0.00	149.56 3.07 0.00	153.45 2.89 0.00	155.62 2.88 0.00	118.63 2.43 0.00	105.21 2.09 0.00	99.72 2.11 0.00	105.86 2.31 0.00	90.40 1.49 0.00	110.78 2.04 0.00	98.55 2.06 0.00	99.94 2.20 0.00	132.50 2.78 0.00	107.57 2.27 0.00	130.79 2.60 0.00	147.07 2.80 0.00	152.93 2.21 0.00	74.49 1.28 0.00
INDECK___OLEAN 23982	81.70 -4.60 -5.10	77.19 -4.38 -4.92	101.34 -7.08 -2.51	105.69 -8.17 -1.89	121.65 -8.97 -2.85	140.18 -10.85 -3.38	113.52 -8.70 -1.99	136.09 -11.06 -0.66	139.39 -11.35 -0.17	141.55 -11.19 0.00	108.82 -7.60 -0.22	96.51 -6.90 -0.30	91.18 -6.43 0.00	97.12 -5.91 0.52	87.53 -4.89 -3.50	97.17 -7.19 4.38	79.07 -6.66 10.76	67.16 -7.40 23.18	121.71 -7.89 0.13	95.40 -7.01 2.88	107.53 -8.75 11.91	133.92 -8.62 1.73	142.40 -8.32 0.00	69.27 -3.94 0.00
INDECK___OSWEGO 23783	77.42 -3.77 0.00	73.06 -3.59 0.00	100.59 -5.31 0.00	106.03 -5.94 0.00	121.00 -6.77 0.00	139.88 -7.77 0.00	114.52 -5.70 0.00	139.51 -6.98 0.00	143.33 -7.23 0.00	145.41 -7.33 0.00	110.61 -5.59 0.00	97.95 -5.17 0.00	92.67 -4.93 0.00	99.08 -4.92 -0.44	84.71 -4.20 0.00	103.45 -5.30 0.00	91.92 -4.56 0.00	97.01 -4.59 -3.86	124.07 -5.66 0.00	100.92 -4.82 -0.44	124.76 -6.29 -2.85	137.05 -7.22 0.00	142.80 -7.93 0.00	69.35 -3.87 0.00
INDECK___YERKES 23781	72.89 -8.30 0.00	68.87 -7.78 0.00	93.02 -12.15 0.73	99.03 -12.94 0.00	112.93 -14.83 0.00	130.89 -16.76 0.00	107.08 -13.15 0.00	129.50 -16.99 0.00	133.37 -17.19 0.00	135.74 -17.00 0.00	102.99 -13.21 0.00	90.71 -12.41 0.00	85.47 -12.13 0.00	90.98 -11.76 0.81	78.80 -10.11 0.00	91.29 -13.95 3.51	75.48 -12.39 8.62	63.90 -13.31 20.52	114.54 -15.08 0.10	89.26 -13.48 2.55	100.83 -16.31 11.05	125.66 -17.22 1.39	133.78 -16.94 0.00	65.10 -8.11 0.00
INDIAN POINT_GT_1 24139	105.68 4.09 -20.40	100.04 3.71 -19.68	123.99 4.38 -13.71	122.82 3.45 -7.40	142.79 3.88 -11.14	165.06 4.22 -13.19	132.22 4.24 -7.76	155.20 6.05 -2.66	158.18 6.91 -0.71	159.75 7.01 0.00	123.57 6.47 -0.91	110.22 5.88 -1.21	103.43 5.82 0.00	110.97 6.60 -0.83	108.24 5.10 -14.23	114.40 5.65 0.00	101.75 5.26 0.00	102.94 5.21 0.00	136.38 6.65 0.00	110.97 5.67 0.00	134.52 6.33 0.00	150.95 6.68 0.00	157.05 6.32 0.00	76.44 3.23 0.00
INDIAN POINT_GT_2 23659	105.68 4.09 -20.40	100.04 3.71 -19.68	123.99 4.38 -13.71	122.82 3.45 -7.40	142.79 3.88 -11.14	165.06 4.22 -13.19	132.22 4.24 -7.76	155.20 6.05 -2.66	158.18 6.91 -0.71	159.75 7.01 0.00	123.57 6.47 -0.91	110.22 5.88 -1.21	103.43 5.82 0.00	110.97 6.60 -0.83	108.24 5.10 -14.23	114.40 5.65 0.00	101.75 5.26 0.00	102.94 5.21 0.00	136.38 6.65 0.00	110.97 5.67 0.00	134.52 6.33 0.00	150.95 6.68 0.00	157.05 6.32 0.00	76.44 3.23 0.00
INDIAN POINT_GT_3 24019	105.68 4.09 -20.40	100.04 3.71 -19.68	123.99 4.38 -13.71	122.82 3.45 -7.40	142.79 3.88 -11.14	165.06 4.22 -13.19	132.22 4.24 -7.76	155.20 6.05 -2.66	158.18 6.91 -0.71	159.75 7.01 0.00	123.57 6.47 -0.91	110.22 5.88 -1.21	103.43 5.82 0.00	110.97 6.60 -0.83	108.24 5.10 -14.23	114.40 5.65 0.00	101.75 5.26 0.00	102.94 5.21 0.00	136.38 6.65 0.00	110.97 5.67 0.00	134.52 6.33 0.00	150.95 6.68 0.00	157.05 6.32 0.00	76.44 3.23 0.00
INDIAN POINT___2 23530	104.92 3.87 -19.86	99.33 3.52 -19.16	123.38 4.12 -13.36	122.46 3.21 -7.28	142.34 3.61 -10.97	164.56 3.92 -12.99	131.85 3.99 -7.64	154.82 5.72 -2.62	157.84 6.59 -0.70	159.37 6.63 0.00	123.26 6.17 -0.89	109.93 5.62 -1.19	103.16 5.56 0.00	110.69 6.33 -0.81	107.78 4.88 -14.00	114.15 5.41 0.00	101.51 5.02 0.00	102.66 4.93 0.00	136.02 6.29 0.00	110.68 5.38 0.00	134.22 6.03 0.00	150.59 6.32 0.00	156.67 5.94 0.00	76.27 3.05 0.00
INDIAN POINT___3 23531	105.57 3.96 -20.42	99.97 3.62 -19.70	123.89 4.26 -13.72	122.70 3.33 -7.40	142.66 3.74 -11.15	164.92 4.07 -13.20	132.07 4.08 -7.77	154.98 5.82 -2.67	158.00 6.73 -0.71	159.50 6.76 0.00	123.38 6.28 -0.91	110.06 5.72 -1.22	103.29 5.69 0.00	110.81 6.43 -0.83	108.09 4.93 -14.25	114.22 5.47 0.00	101.60 5.11 0.00	102.77 5.04 0.00	136.15 6.42 0.00	110.79 5.48 0.00	134.34 6.15 0.00	150.75 6.48 0.00	156.82 6.09 0.00	76.34 3.13 0.00
INGHAM_C_115KV_TB7 356103	85.09 3.90 0.00	80.19 3.54 0.00	110.51 4.60 0.00	115.70 3.73 0.00	132.39 4.63 0.00	152.63 4.98 0.00	124.79 4.56 0.00	151.67 5.18 0.00	155.17 4.61 0.00	157.33 4.60 0.00	119.98 3.79 0.00	106.28 3.16 0.00	100.89 3.28 0.00	107.14 3.59 0.00	91.01 2.10 0.00	111.80 3.05 0.00	99.78 3.29 0.00	101.27 3.54 0.00	134.30 4.58 0.00	109.10 3.80 0.00	132.67 4.48 0.00	149.25 4.98 0.00	154.64 3.91 0.00	75.51 2.30 0.00
IP CORINTH___1 23988	308.99 6.85 -220.95	296.78 6.93 -213.21	263.61 9.10 -148.60	202.10 8.97 -81.15	260.68 10.68 -122.24	304.50 12.18 -144.67	216.13 10.82 -85.09	187.79 13.12 -28.18	171.18 13.11 -7.51	166.47 13.73 0.00	136.66 10.88 -9.59	125.12 9.15 -12.85	106.02 8.42 0.00	121.65 9.38 -8.73	287.11 7.33 -190.87	118.06 9.31 0.00	105.58 9.09 0.00	107.39 9.66 0.00	142.51 12.79 0.00	115.74 10.43 0.00	140.66 12.47 0.00	158.14 13.87 0.00	164.24 13.52 0.00	79.96 6.74 0.00

IP__TICONDEROGA 23804	310.65 10.74 -218.72	298.14 10.44 -211.06	266.69 13.69 -147.10	205.81 13.50 -80.34	265.25 16.48 -121.00	310.12 19.27 -143.21	221.93 17.48 -84.23	195.15 20.75 -27.92	178.27 20.27 -7.44	174.95 22.21 0.00	143.25 17.56 -9.50	130.04 14.20 -12.73	110.57 12.96 0.00	126.70 14.51 -8.65	292.97 11.16 -192.90	123.32 14.58 0.00	111.31 14.83 0.00	114.09 16.36 0.00	151.38 21.65 0.00	122.65 17.35 0.00	149.04 20.85 0.00	166.91 22.64 0.00	172.71 21.98 0.00	84.05 10.83 0.00
ISLIP_RES_REC 323679	109.62 7.56 -20.86	103.80 7.02 -20.13	128.54 8.63 -14.01	127.15 7.71 -7.47	147.44 8.42 -11.26	170.09 9.11 -13.33	137.07 9.00 -7.84	160.97 11.78 -2.69	164.30 13.02 -0.72	177.31 13.36 -11.22	214.80 11.68 -86.92	169.17 10.78 -55.27	148.05 10.66 -39.79	147.02 11.67 -31.80	124.03 9.31 -25.80	130.97 10.74 -11.48	105.81 9.32 0.00	106.96 9.22 0.00	141.86 12.13 0.00	115.65 10.34 -0.01	192.83 12.10 -52.54	156.95 12.67 -0.01	163.13 12.41 0.00	79.15 5.94 0.00
JAMAICA__27_KV_LOAD 355505	107.39 5.32 -20.88	101.35 4.56 -20.14	125.31 5.39 -14.02	123.81 4.37 -7.48	144.03 5.01 -11.26	166.62 5.63 -13.33	133.61 5.54 -7.84	157.24 8.06 -2.69	160.31 9.03 -0.72	161.77 9.03 0.00	125.27 8.16 -0.92	111.72 7.37 -1.23	104.79 7.18 0.00	112.45 8.06 -0.84	109.56 6.26 -14.39	115.97 7.22 0.00	103.19 6.70 0.00	104.22 6.49 0.00	138.11 8.38 0.00	112.35 7.04 0.00	136.25 8.06 0.00	152.64 8.37 0.00	158.74 8.02 0.00	77.25 4.04 0.00
JANIS__SOLAR 323808	95.52 3.58 -10.74	90.36 3.35 -10.36	119.34 4.10 -9.34	119.67 3.72 -3.98	138.49 4.75 -5.99	160.69 5.96 -7.08	130.42 6.03 -4.17	155.55 7.69 -1.38	158.21 7.29 -0.37	159.37 6.63 0.00	121.31 4.64 -0.47	106.44 2.69 -0.63	99.61 2.01 0.00	105.97 2.33 -0.09	99.12 2.87 -7.34	122.81 3.96 -10.11	124.97 3.67 -24.81	137.51 3.71 -36.07	135.14 5.13 -0.29	112.91 2.96 -4.65	146.06 3.25 -14.62	151.32 3.05 -3.99	152.12 1.39 0.00	73.78 0.56 0.00
JARVIS____ 23743	82.05 0.86 0.00	77.48 0.83 0.00	106.93 1.03 0.00	112.76 0.79 0.00	128.67 0.90 0.00	148.55 0.90 0.00	121.10 0.87 0.00	147.54 1.05 0.00	151.62 1.06 0.00	153.81 1.07 0.00	117.24 1.04 0.00	104.06 0.94 0.00	98.58 0.98 0.00	104.60 1.06 0.00	89.70 0.79 0.00	109.73 0.98 0.00	97.45 0.96 0.00	98.69 0.95 0.00	130.92 1.20 0.00	106.33 1.03 0.00	129.21 1.02 0.00	145.32 1.05 0.00	151.57 0.84 0.00	73.73 0.51 0.00
JENNISON__1 23625	102.81 4.39 -17.23	97.35 4.08 -16.62	123.13 5.21 -12.01	123.18 4.84 -6.36	143.36 6.01 -9.59	166.25 7.25 -11.34	133.29 6.38 -6.67	157.04 8.35 -2.20	159.89 8.75 -0.59	161.31 8.57 0.00	123.06 6.11 -0.75	108.61 4.49 -1.01	101.55 3.94 0.00	108.06 4.12 -0.40	104.21 3.55 -11.75	115.04 4.25 -2.05	105.06 3.54 -5.02	106.20 3.03 -5.44	133.12 3.34 -0.06	107.43 1.40 -0.72	131.00 1.23 -1.58	146.21 1.13 -0.81	150.38 -0.34 0.00	72.97 -0.24 0.00
JENNISON__2 23626	102.81 4.39 -17.23	97.35 4.08 -16.62	123.13 5.21 -12.01	123.18 4.84 -6.36	143.36 6.01 -9.59	166.25 7.25 -11.34	133.29 6.38 -6.67	157.04 8.35 -2.20	159.89 8.75 -0.59	161.31 8.57 0.00	123.06 6.11 -0.75	108.61 4.49 -1.01	101.55 3.94 0.00	108.06 4.12 -0.40	104.21 3.55 -11.75	115.04 4.25 -2.05	105.06 3.54 -5.02	106.20 3.03 -5.44	133.12 3.34 -0.06	107.43 1.40 -0.72	131.00 1.23 -1.58	146.21 1.13 -0.81	150.38 -0.34 0.00	72.97 -0.24 0.00
JERICHO_RISE_WT_PWR 323719	81.83 0.64 0.00	77.16 0.51 0.00	107.36 1.46 0.00	115.01 3.04 0.00	130.95 3.19 0.00	151.41 3.75 0.00	122.96 2.74 0.00	149.39 2.90 0.00	153.46 2.90 0.00	155.98 3.24 0.00	117.79 1.59 0.00	104.55 1.43 0.00	98.47 0.87 0.00	103.87 0.32 0.00	89.46 0.55 0.00	109.81 1.07 0.00	97.45 0.96 0.00	97.87 0.13 0.00	129.09 -0.63 0.00	103.92 -1.38 0.00	127.22 -0.97 0.00	144.69 0.42 0.00	152.80 2.08 0.00	73.06 -0.15 0.00
KATONAH__115KV_46KV_TB4 355592	107.90 5.27 -21.43	102.13 4.80 -20.68	126.08 5.79 -14.39	124.47 4.89 -7.61	144.79 5.55 -11.47	167.49 6.25 -13.59	134.22 6.00 -7.99	157.48 8.24 -2.75	160.50 9.21 -0.73	162.03 9.30 0.00	125.40 8.27 -0.93	111.82 7.45 -1.25	104.89 7.28 0.00	112.48 8.08 -0.85	109.91 6.33 -14.67	115.94 7.19 0.00	103.20 6.71 0.00	104.53 6.80 0.00	138.58 8.86 0.00	112.68 7.38 0.00	136.55 8.36 0.00	153.18 8.91 0.00	159.16 8.43 0.00	77.41 4.20 0.00
KCE_NY_1 323755	302.50 5.72 -215.58	290.18 5.51 -208.03	258.05 7.16 -144.99	198.13 6.98 -79.18	255.24 8.22 -119.26	297.95 9.15 -141.15	211.39 8.15 -83.01	183.89 9.86 -27.54	167.63 9.72 -7.34	162.73 10.00 0.00	133.60 8.03 -9.37	122.73 7.06 -12.56	104.20 6.60 0.00	119.61 7.54 -8.53	290.44 5.76 -195.76	116.09 7.34 0.00	103.45 6.96 0.00	104.96 7.22 0.00	139.24 9.51 0.00	113.18 7.88 0.00	137.53 9.34 0.00	154.67 10.40 0.00	160.96 10.24 0.00	78.34 5.13 0.00
KCE_NY_6_ESR 323823	74.67 -6.52 0.00	70.49 -6.16 0.00	95.19 -9.88 0.82	101.47 -10.50 0.00	115.85 -11.91 0.00	134.11 -13.54 0.00	109.85 -10.38 0.00	133.07 -13.42 0.00	136.83 -13.73 0.00	139.14 -13.60 0.00	105.58 -10.62 0.00	92.92 -10.20 0.00	87.72 -9.88 0.00	93.46 -9.31 0.78	80.84 -8.07 0.00	93.31 -11.50 3.93	76.62 -10.23 9.64	64.76 -11.07 21.90	117.48 -12.14 0.11	91.54 -11.04 2.72	103.21 -13.46 11.53	128.53 -14.19 1.55	136.82 -13.90 0.00	66.69 -6.53 0.00
KEDC_PORT_JEFF_GT2 24210	109.16 7.11 -20.86	103.37 6.59 -20.13	127.93 8.02 -14.01	126.47 7.03 -7.47	146.63 7.61 -11.26	169.08 8.10 -13.33	136.18 8.12 -7.84	159.96 10.77 -2.69	162.78 11.51 -0.72	178.65 11.87 -14.04	231.51 10.84 -104.47	168.38 10.00 -55.27	147.30 9.91 -39.79	146.21 10.86 -31.80	123.33 8.61 -25.80	130.17 9.94 -11.48	105.07 8.58 0.00	105.91 8.17 0.00	140.48 10.76 0.00	114.86 9.55 -0.01	202.75 10.88 -63.68	156.07 11.78 -0.01	162.20 11.48 0.00	78.75 5.54 0.00
KEDC_PORT_JEFF_GT3 24211	109.16 7.11 -20.86	103.37 6.59 -20.13	127.93 8.02 -14.01	126.47 7.03 -7.47	146.63 7.61 -11.26	169.08 8.10 -13.33	136.18 8.12 -7.84	159.96 10.77 -2.69	162.78 11.51 -0.72	178.65 11.87 -14.04	231.51 10.84 -104.47	168.38 10.00 -55.27	147.30 9.91 -39.79	146.21 10.86 -31.80	123.33 8.61 -25.80	130.17 9.94 -11.48	105.07 8.58 0.00	105.91 8.17 0.00	140.48 10.76 0.00	114.86 9.55 -0.01	202.75 10.88 -63.68	156.07 11.78 -0.01	162.20 11.48 0.00	78.75 5.54 0.00
KEDC_GLWD_GT4 24219	107.69 5.64 -20.86	102.00 5.22 -20.13	126.15 6.24 -14.01	124.79 5.35 -7.47	145.43 6.41 -11.26	167.43 6.45 -13.33	134.50 6.44 -7.84	157.96 8.78 -2.69	162.04 10.77 -0.72	163.65 10.91 0.00	143.12 9.81 -17.11	167.41 9.03 -55.27	146.22 8.83 -39.79	145.13 9.77 -31.80	122.45 7.73 -25.80	129.04 8.81 -11.48	104.31 7.82 0.00	105.43 7.69 0.00	139.32 9.60 0.00	113.86 8.56 0.00	146.32 9.92 -8.20	154.58 10.30 0.00	160.64 9.92 0.00	78.12 4.91 0.00
KEDC_GLWD_GT5 24220	107.69 5.64 -20.86	102.00 5.22 -20.13	126.15 6.24 -14.01	124.79 5.35 -7.47	145.43 6.41 -11.26	167.43 6.45 -13.33	134.50 6.44 -7.84	157.96 8.78 -2.69	162.04 10.77 -0.72	163.65 10.91 0.00	143.12 9.81 -17.11	167.41 9.03 -55.27	146.22 8.83 -39.79	145.13 9.77 -31.80	122.45 7.73 -25.80	129.04 8.81 -11.48	104.31 7.82 0.00	105.43 7.69 0.00	139.32 9.60 0.00	113.86 8.56 0.00	146.32 9.92 -8.20	154.58 10.30 0.00	160.64 9.92 0.00	78.12 4.91 0.00

KENSICO____ 23655	106.39 4.46 -20.73	100.72 4.07 -20.01	124.66 4.83 -13.93	123.31 3.88 -7.46	143.37 4.38 -11.23	165.75 4.80 -13.30	132.74 4.69 -7.82	155.82 6.64 -2.69	158.92 7.64 -0.72	160.43 7.69 0.00	124.16 7.05 -0.91	110.78 6.43 -1.22	103.97 6.37 0.00	111.55 7.17 -0.83	108.81 5.55 -14.35	114.91 6.17 0.00	102.23 5.74 0.00	103.42 5.69 0.00	136.95 7.23 0.00	111.43 6.12 0.00	135.10 6.91 0.00	151.59 7.32 0.00	157.65 6.93 0.00	76.75 3.53 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	110.58 4.68 -24.70	104.74 4.26 -23.84	127.77 5.24 -16.63	125.91 4.75 -9.19	147.02 5.42 -13.84	170.28 6.24 -16.38	135.93 6.06 -9.64	158.04 8.29 -3.25	160.76 9.33 -0.87	162.07 9.33 0.00	125.29 7.98 -1.11	111.69 7.08 -1.49	104.46 6.86 0.00	112.30 7.73 -1.01	112.45 6.17 -17.37	115.90 7.15 0.00	103.16 6.67 0.00	104.55 6.81 0.00	138.69 8.97 0.00	112.72 7.42 0.00	136.72 8.52 0.00	153.33 9.06 0.00	159.33 8.60 0.00	77.38 4.16 0.00
KIAC_JFK_GT1 23816	106.56 4.49 -20.88	100.57 3.78 -20.14	124.24 4.32 -14.02	122.69 3.25 -7.48	142.77 3.74 -11.26	165.11 4.13 -13.33	132.36 4.29 -7.84	155.72 6.54 -2.69	158.73 7.46 -0.72	160.19 7.45 0.00	124.10 6.98 -0.92	110.68 6.33 -1.23	103.82 6.21 0.00	111.40 7.02 -0.84	108.67 5.37 -14.39	114.83 6.08 0.00	102.20 5.71 0.00	103.24 5.50 0.00	136.75 7.03 0.00	111.26 5.95 0.00	134.87 6.68 0.00	151.18 6.91 0.00	157.18 6.46 0.00	76.52 3.31 0.00
KIAC_JFK_GT2 23817	106.56 4.49 -20.88	100.57 3.78 -20.14	124.24 4.32 -14.02	122.69 3.25 -7.48	142.77 3.74 -11.26	165.11 4.13 -13.33	132.36 4.29 -7.84	155.72 6.54 -2.69	158.73 7.46 -0.72	160.19 7.45 0.00	124.10 6.98 -0.92	110.68 6.33 -1.23	103.82 6.21 0.00	111.40 7.02 -0.84	108.67 5.37 -14.39	114.83 6.08 0.00	102.20 5.71 0.00	103.24 5.50 0.00	136.75 7.03 0.00	111.26 5.95 0.00	134.87 6.68 0.00	151.18 6.91 0.00	157.18 6.46 0.00	76.52 3.31 0.00
KIAC_JFK____ 323774	106.56 4.49 -20.88	100.57 3.77 -20.14	124.23 4.31 -14.02	122.69 3.25 -7.48	142.77 3.74 -11.26	165.11 4.13 -13.33	132.36 4.29 -7.84	155.72 6.54 -2.69	158.73 7.45 -0.72	160.19 7.45 0.00	124.10 6.98 -0.92	110.67 6.32 -1.23	103.82 6.22 0.00	111.40 7.02 -0.84	108.66 5.37 -14.39	114.83 6.09 0.00	102.19 5.69 0.00	103.25 5.51 0.00	136.77 7.05 0.00	111.25 5.95 0.00	134.90 6.71 0.00	151.16 6.89 0.00	157.17 6.45 0.00	76.52 3.31 0.00
KINTIGH____ 23543	73.34 -7.85 0.00	69.30 -7.35 0.00	94.03 -11.27 0.60	99.89 -12.08 0.00	113.89 -13.87 0.00	131.85 -15.81 0.00	107.84 -12.38 0.00	130.62 -15.87 0.00	134.38 -16.17 0.00	136.65 -16.09 0.00	103.75 -12.44 0.00	91.58 -11.54 0.00	86.38 -11.22 0.00	91.64 -11.04 0.87	79.50 -9.41 0.00	93.01 -12.88 2.85	77.93 -11.58 6.99	66.74 -12.47 18.53	115.38 -14.26 0.08	90.53 -12.50 2.26	102.53 -15.38 10.28	126.80 -16.35 1.12	134.66 -16.06 0.00	65.49 -7.73 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	83.22 2.03 0.00	78.49 1.84 0.00	109.11 3.21 0.00	116.87 4.91 0.00	133.14 5.38 0.00	153.39 5.73 0.00	124.30 4.07 0.00	151.20 4.71 0.00	155.12 4.56 0.00	157.47 4.74 0.00	118.86 2.66 0.00	105.47 2.35 0.00	99.29 1.68 0.00	104.93 1.38 0.00	90.10 1.19 0.00	110.94 2.19 0.00	98.52 2.02 0.00	99.36 1.62 0.00	131.32 1.60 0.00	105.73 0.43 0.00	129.20 1.01 0.00	146.62 2.35 0.00	154.68 3.96 0.00	74.39 1.18 0.00
LACHUTE__HYDRO 323717	310.66 10.74 -218.72	298.14 10.44 -211.06	266.69 13.69 -147.10	205.80 13.50 -80.34	265.25 16.48 -121.00	310.12 19.26 -143.21	221.93 17.48 -84.23	195.15 20.74 -27.92	178.27 20.27 -7.44	174.94 22.21 0.00	143.25 17.56 -9.50	130.03 14.19 -12.73	110.57 12.97 0.00	126.70 14.51 -8.65	292.97 11.15 -192.90	123.32 14.58 0.00	111.31 14.82 0.00	114.09 16.36 0.00	151.38 21.65 0.00	122.64 17.34 0.00	149.04 20.85 0.00	166.91 22.64 0.00	172.70 21.98 0.00	84.05 10.83 0.00
LAWRNCV_115KV_TB1 80681	81.83 0.64 0.00	77.25 0.60 0.00	107.41 1.50 0.00	115.90 3.94 0.00	132.13 4.37 0.00	153.43 5.78 0.00	123.79 3.56 0.00	150.42 3.93 0.00	153.28 2.72 0.00	156.12 3.38 0.00	118.18 1.98 0.00	104.90 1.78 0.00	98.90 1.30 0.00	104.34 0.79 0.00	90.03 1.12 0.00	109.86 1.12 0.00	97.24 0.75 0.00	98.60 0.86 0.00	130.13 0.40 0.00	105.13 -0.17 0.00	128.85 0.66 0.00	145.94 1.67 0.00	154.94 4.21 0.00	74.45 1.24 0.00
LEDERLE____ 23769	104.44 3.94 -19.31	98.87 3.59 -18.63	123.14 4.24 -12.99	122.49 3.35 -7.17	142.37 3.80 -10.80	164.66 4.22 -12.79	132.04 4.30 -7.52	155.10 6.03 -2.58	158.13 6.89 -0.69	159.76 7.02 0.00	123.46 6.38 -0.88	110.07 5.77 -1.17	103.32 5.72 0.00	110.84 6.50 -0.80	107.74 5.05 -13.78	114.37 5.63 0.00	101.71 5.22 0.00	102.86 5.13 0.00	136.35 6.62 0.00	110.92 5.62 0.00	134.50 6.31 0.00	150.89 6.62 0.00	157.00 6.27 0.00	76.40 3.18 0.00
LIGHTHSE_115KV_TB6 355974	80.02 -1.17 0.00	75.51 -1.14 0.00	103.97 -1.93 0.00	109.67 -2.29 0.00	125.31 -2.45 0.00	144.93 -2.73 0.00	118.69 -1.53 0.00	144.75 -1.74 0.00	148.84 -1.72 0.00	150.67 -2.07 0.00	114.32 -1.88 0.00	101.25 -1.87 0.00	95.67 -1.94 0.00	101.73 -1.82 0.00	87.53 -1.39 0.00	106.96 -1.78 0.00	95.13 -1.36 0.00	96.52 -1.21 0.00	128.90 -0.82 0.00	103.93 -1.37 0.00	125.20 -2.99 0.00	140.51 -3.76 0.00	146.19 -4.54 0.00	70.86 -2.36 0.00
LINDEN COGEN____ 23786	106.49 4.42 -20.88	100.80 4.01 -20.14	124.75 4.83 -14.02	123.24 3.80 -7.48	143.26 4.24 -11.26	165.53 4.55 -13.33	132.66 4.59 -7.84	155.86 4.68 -2.69	158.91 7.63 -0.72	160.52 7.78 0.00	124.33 7.22 -0.92	110.85 6.51 -1.23	104.01 6.41 0.00	111.64 7.26 -0.84	108.95 5.66 -14.38	114.98 6.27 0.04	102.27 5.78 0.00	103.36 5.63 0.00	136.80 7.08 0.00	111.30 6.00 0.00	134.86 6.67 0.00	151.26 6.99 0.00	157.20 6.47 0.00	76.58 3.37 0.00
LINDHRST_69_KV_BK1 356055	108.65 6.60 -20.86	102.90 6.12 -20.13	127.43 7.52 -14.01	126.08 6.64 -7.47	146.30 7.28 -11.26	168.99 8.01 -13.33	135.88 7.82 -7.84	159.44 10.26 -2.69	162.92 11.65 -0.72	165.21 11.72 -0.76	148.50 10.48 -21.82	168.21 9.82 -55.27	146.96 9.57 -39.79	145.93 10.58 -31.80	123.13 8.41 -25.80	129.93 9.70 -11.48	104.94 8.45 0.00	106.16 8.43 0.00	140.77 11.04 0.00	114.68 9.38 0.00	150.27 10.88 -11.20	155.59 11.32 0.00	161.74 11.02 0.00	78.59 5.37 0.00
LIPA_MISC_IPP 23656	109.18 7.13 -20.86	103.38 6.61 -20.13	127.94 8.02 -14.01	126.52 7.08 -7.47	146.64 7.63 -11.26	168.95 7.97 -13.33	136.11 8.04 -7.84	159.82 10.64 -2.69	163.02 11.74 -0.72	177.81 12.03 -13.05	224.94 10.45 -98.29	167.95 9.56 -55.27	146.98 9.59 -39.79	145.85 10.50 -31.80	122.99 8.27 -25.80	129.78 9.56 -11.48	104.70 8.21 0.00	105.80 8.06 0.00	140.30 10.58 0.00	114.41 9.10 -0.01	198.83 10.87 -59.77	155.62 11.34 -0.01	161.74 11.02 0.00	78.50 5.28 0.00
LISF__SOLAR 323691	109.36 7.31 -20.86	103.56 6.79 -20.13	128.14 8.23 -14.01	126.75 7.31 -7.47	146.90 7.88 -11.26	169.24 8.26 -13.33	136.37 8.30 -7.84	160.21 11.03 -2.69	163.44 12.16 -0.72	178.17 12.47 -12.96	224.70 10.75 -97.74	168.20 9.81 -55.27	147.24 9.84 -39.79	146.11 10.76 -31.80	123.22 8.51 -25.80	130.06 9.84 -11.48	104.97 8.48 0.00	106.06 8.33 0.00	140.69 10.96 0.00	114.71 9.40 -0.01	198.84 11.23 -59.42	156.01 11.72 -0.01	162.13 11.40 0.00	78.69 5.47 0.00

LITTLE FALLS___HYD 24013	85.09 3.90 0.00	80.19 3.54 0.00	110.51 4.60 0.00	115.70 3.73 0.00	132.39 4.63 0.00	152.63 4.98 0.00	124.79 4.56 0.00	151.67 5.18 0.00	155.17 4.61 0.00	157.33 4.60 0.00	119.98 3.79 0.00	106.28 3.16 0.00	100.89 3.28 0.00	107.14 3.59 0.00	91.01 2.10 0.00	111.80 3.05 0.00	99.78 3.29 0.00	101.27 3.54 0.00	134.30 4.58 0.00	109.10 3.80 0.00	132.67 4.48 0.00	149.25 4.98 0.00	154.64 3.91 0.00	75.51 2.30 0.00
LITTLRIV_115KV_TB1 356100	82.84 1.65 0.00	78.21 1.56 0.00	108.72 2.82 0.00	117.37 5.40 0.00	133.84 6.08 0.00	155.50 7.85 0.00	125.74 5.51 0.00	152.84 6.35 0.00	155.21 4.65 0.00	157.40 4.66 0.00	118.88 2.68 0.00	105.47 2.35 0.00	99.37 1.76 0.00	104.93 1.39 0.00	90.56 1.65 0.00	110.60 1.86 0.00	98.18 1.69 0.00	99.78 2.05 0.00	131.83 2.10 0.00	106.50 1.20 0.00	130.57 2.38 0.00	147.89 3.62 0.00	157.29 6.56 0.00	75.56 2.35 0.00
LI_NEWBRDGE___DRP 323616	107.24 5.19 -20.86	101.65 4.87 -20.13	125.69 5.78 -14.01	124.30 4.86 -7.47	144.33 5.31 -11.26	166.64 5.66 -13.33	133.75 5.68 -7.84	156.85 7.67 -2.69	160.17 8.89 -0.72	161.73 8.99 0.00	141.66 8.35 -17.11	166.14 7.75 -55.27	145.01 7.62 -39.79	143.86 8.51 -31.80	121.38 6.67 -25.80	127.74 7.51 -11.48	103.14 6.65 0.00	104.29 6.55 0.00	138.10 8.38 0.00	112.53 7.23 0.00	144.75 8.35 -8.20	152.91 8.65 0.00	159.06 8.33 0.00	77.38 4.16 0.00
LOCKPORT_115KV_TB60_63_64 80432	72.16 -9.03 0.00	68.33 -8.32 0.00	92.43 -12.81 0.66	98.29 -13.67 0.00	112.09 -15.68 0.00	129.85 -17.80 0.00	106.11 -14.12 0.00	128.13 -18.36 0.00	131.88 -18.68 0.00	134.29 -18.44 0.00	101.83 -14.37 0.00	89.72 -13.40 0.00	84.45 -13.15 0.00	89.79 -12.94 0.82	77.90 -11.01 0.00	90.42 -15.15 3.17	75.30 -13.39 7.80	64.03 -14.38 19.32	113.27 -16.36 0.10	88.39 -14.47 2.44	99.75 -17.74 10.70	124.33 -18.69 1.25	132.35 -18.38 0.00	64.44 -8.77 0.00
LOCKPORT___CC1 323769	71.90 -9.29 0.00	68.03 -8.62 0.00	91.81 -13.23 0.86	97.86 -14.10 0.00	111.59 -16.17 0.00	129.35 -18.30 0.00	105.62 -14.61 0.00	127.60 -18.89 0.00	131.29 -19.27 0.00	133.70 -19.03 0.00	101.37 -14.83 0.00	89.34 -13.78 0.00	84.15 -13.45 0.00	89.46 -13.27 0.82	77.55 -11.37 0.00	89.16 -15.53 4.06	72.85 -13.75 9.89	60.19 -14.68 22.86	112.80 -16.83 0.10	87.89 -14.86 2.56	98.87 -18.16 11.17	123.43 -19.23 1.60	131.81 -18.92 0.00	64.18 -9.04 0.00
LOCKPORT___CC2 323770	71.90 -9.29 0.00	68.03 -8.62 0.00	91.81 -13.23 0.86	97.86 -14.10 0.00	111.59 -16.17 0.00	129.35 -18.30 0.00	105.62 -14.61 0.00	127.60 -18.89 0.00	131.29 -19.27 0.00	133.70 -19.03 0.00	101.37 -14.83 0.00	89.34 -13.78 0.00	84.15 -13.45 0.00	89.46 -13.27 0.82	77.55 -11.37 0.00	89.16 -15.53 4.06	72.85 -13.75 9.89	60.19 -14.68 22.86	112.80 -16.83 0.10	87.89 -14.86 2.56	98.87 -18.16 11.17	123.43 -19.23 1.60	131.81 -18.92 0.00	64.18 -9.04 0.00
LOCKPORT___CC3 323771	71.90 -9.29 0.00	68.03 -8.62 0.00	91.81 -13.23 0.86	97.86 -14.10 0.00	111.59 -16.17 0.00	129.35 -18.30 0.00	105.62 -14.61 0.00	127.60 -18.89 0.00	131.29 -19.27 0.00	133.70 -19.03 0.00	101.37 -14.83 0.00	89.34 -13.78 0.00	84.15 -13.45 0.00	89.46 -13.27 0.82	77.55 -11.37 0.00	89.16 -15.53 4.06	72.85 -13.75 9.89	60.19 -14.68 22.86	112.80 -16.83 0.10	87.89 -14.86 2.56	98.87 -18.16 11.17	123.43 -19.23 1.60	131.81 -18.92 0.00	64.18 -9.04 0.00
LONG_LAKE_PHOENIX 24014	78.22 -2.98 0.00	73.83 -2.82 0.00	101.58 -4.32 0.00	107.11 -4.86 0.00	122.27 -5.50 0.00	141.40 -6.26 0.00	115.78 -4.45 0.00	141.12 -5.37 0.00	144.96 -5.60 0.00	147.09 -5.65 0.00	111.88 -4.32 0.00	99.07 -4.05 0.00	93.74 -3.86 0.00	99.92 -3.74 -0.12	85.72 -3.19 0.00	104.63 -4.12 0.00	92.98 -3.51 0.00	95.21 -3.53 -1.01	125.54 -4.19 0.00	101.78 -3.63 -0.12	124.19 -4.74 -0.74	138.84 -5.43 0.00	144.60 -6.12 0.00	70.22 -3.00 0.00
LOVETT___3 23632	104.19 3.56 -19.44	98.64 3.24 -18.76	122.74 3.76 -13.08	121.99 2.82 -7.20	141.79 3.19 -10.84	163.96 3.47 -12.84	131.38 3.60 -7.55	154.27 5.19 -2.59	157.23 5.98 -0.69	158.83 6.09 0.00	122.81 5.73 -0.88	109.51 5.21 -1.18	102.76 5.16 0.00	110.26 5.91 -0.80	107.28 4.54 -13.83	113.74 4.99 0.00	101.17 4.68 0.00	102.31 4.58 0.00	135.56 5.83 0.00	110.30 4.99 0.00	133.73 5.54 0.00	150.05 5.78 0.00	156.17 5.44 0.00	76.03 2.82 0.00
LOVETT___4 23642	104.19 3.56 -19.44	98.64 3.24 -18.76	122.74 3.76 -13.08	121.99 2.82 -7.20	141.79 3.19 -10.84	163.96 3.47 -12.84	131.38 3.60 -7.55	154.27 5.19 -2.59	157.23 5.98 -0.69	158.83 6.09 0.00	122.81 5.73 -0.88	109.51 5.21 -1.18	102.76 5.16 0.00	110.26 5.91 -0.80	107.28 4.54 -13.83	113.74 4.99 0.00	101.17 4.68 0.00	102.31 4.58 0.00	135.56 5.83 0.00	110.30 4.99 0.00	133.73 5.54 0.00	150.05 5.78 0.00	156.17 5.44 0.00	76.03 2.82 0.00
LOVETT___5 23593	104.19 3.56 -19.44	98.64 3.24 -18.76	122.74 3.76 -13.08	121.99 2.82 -7.20	141.79 3.19 -10.84	163.96 3.47 -12.84	131.38 3.60 -7.55	154.27 5.19 -2.59	157.23 5.98 -0.69	158.83 6.09 0.00	122.81 5.73 -0.88	109.51 5.21 -1.18	102.76 5.16 0.00	110.26 5.91 -0.80	107.28 4.54 -13.83	113.74 4.99 0.00	101.17 4.68 0.00	102.31 4.58 0.00	135.56 5.83 0.00	110.30 4.99 0.00	133.73 5.54 0.00	150.05 5.78 0.00	156.17 5.44 0.00	76.03 2.82 0.00
LOWER RAQUET___HYD 24057	81.93 0.74 0.00	77.35 0.70 0.00	107.55 1.65 0.00	116.05 4.08 0.00	132.31 4.55 0.00	153.64 5.99 0.00	124.05 3.82 0.00	150.68 4.19 0.00	153.30 2.75 0.00	156.01 3.27 0.00	118.18 1.98 0.00	104.89 1.77 0.00	98.88 1.28 0.00	104.30 0.76 0.00	90.02 1.11 0.00	109.72 0.97 0.00	97.12 0.63 0.00	98.48 0.74 0.00	130.03 0.31 0.00	104.99 -0.31 0.00	128.54 0.36 0.00	145.75 1.48 0.00	154.95 4.23 0.00	74.47 1.25 0.00
LOWER___HUDSON 24059	264.12 4.56 -178.38	253.02 4.25 -172.13	231.31 5.44 -119.97	182.60 5.14 -65.49	232.41 6.00 -98.65	270.66 6.26 -116.75	194.13 5.23 -68.66	175.94 6.43 -23.02	163.43 6.74 -6.14	159.52 6.78 0.00	129.85 5.82 -7.83	119.14 5.52 -10.49	102.86 5.26 0.00	116.51 5.83 -7.13	314.13 4.26 -220.97	113.76 5.02 0.00	101.46 4.97 0.00	102.74 5.01 0.00	136.11 6.38 0.00	110.79 5.49 0.00	134.84 6.65 0.00	151.73 7.46 0.00	158.07 7.34 0.00	77.09 3.88 0.00
LOWVILLE_115KV_TB2 356335	84.33 3.14 0.00	79.53 2.88 0.00	109.85 3.95 0.00	116.35 4.38 0.00	133.13 5.36 0.00	154.19 6.54 0.00	126.28 6.06 0.00	153.90 7.41 0.00	157.96 7.40 0.00	159.99 7.25 0.00	121.13 4.93 0.00	107.12 4.00 0.00	101.25 3.65 0.00	107.06 3.62 0.10	92.40 3.49 0.00	113.28 4.53 0.00	100.82 4.33 0.00	101.39 4.56 0.90	136.36 6.64 0.00	108.84 3.64 0.10	128.36 0.84 0.67	144.22 -0.05 0.00	150.55 -0.18 0.00	73.22 0.01 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	302.41 5.64 -215.58	290.10 5.43 -208.03	258.00 7.11 -144.99	198.07 6.92 -79.18	255.13 8.10 -119.26	297.82 9.03 -141.15	211.17 7.93 -83.01	183.67 9.64 -27.54	167.54 9.64 -7.34	162.59 9.85 0.00	133.52 7.95 -9.37	122.68 7.01 -12.56	104.16 6.56 0.00	119.47 7.39 -8.53	290.37 5.70 -195.76	115.89 7.14 0.00	103.38 6.89 0.00	104.90 7.17 0.00	139.11 9.39 0.00	113.08 7.78 0.00	137.47 9.28 0.00	154.55 10.28 0.00	160.84 10.11 0.00	78.29 5.07 0.00

LUTHERNY_35_KV_BK2 355980	302.50 5.72 -215.58	290.18 5.51 -208.03	258.05 7.16 -144.99	198.13 6.98 -79.18	255.24 8.22 -119.26	297.95 9.15 -141.15	211.39 8.14 -83.01	183.89 9.86 -27.54	167.63 9.72 -7.34	162.73 10.00 0.00	133.60 8.03 -9.37	122.74 7.07 -12.56	104.20 6.60 0.00	119.61 7.54 -8.53	290.44 5.77 -195.76	116.09 7.34 0.00	103.45 6.96 0.00	104.95 7.22 0.00	139.24 9.51 0.00	113.18 7.88 0.00	137.52 9.34 0.00	154.66 10.39 0.00	160.96 10.23 0.00	78.34 5.13 0.00
LWR___OSWEGATCHIE_HYD 23850	82.95 1.75 0.00	78.24 1.59 0.00	108.40 2.50 0.00	115.91 3.94 0.00	132.42 4.65 0.00	153.64 5.99 0.00	124.92 4.69 0.00	151.97 5.48 0.00	155.15 4.59 0.00	157.43 4.70 0.00	119.30 3.10 0.00	105.63 2.51 0.00	99.68 2.07 0.00	105.38 1.83 0.00	90.91 2.01 0.00	111.06 2.31 0.00	98.60 2.11 0.00	99.98 2.25 0.00	132.80 3.08 0.00	106.70 1.40 0.00	128.53 0.34 0.00	144.79 0.52 0.00	152.74 2.02 0.00	73.74 0.52 0.00
LYONS_FALL_HYD 23570	84.14 2.95 0.00	79.38 2.73 0.00	109.59 3.69 0.00	115.89 3.92 0.00	132.55 4.79 0.00	153.47 5.82 0.00	125.69 5.46 0.00	153.15 6.66 0.00	157.26 6.71 0.00	159.39 6.65 0.00	120.84 4.64 0.00	106.97 3.85 0.00	101.16 3.56 0.00	107.07 3.65 0.12	92.28 3.37 0.00	113.02 4.28 0.00	100.58 4.09 0.00	100.93 4.26 1.07	135.76 6.03 0.00	108.92 3.74 0.12	129.66 2.26 0.79	146.04 1.77 0.00	152.29 1.57 0.00	74.00 0.78 0.00
MADISON___COUNTY_LFGE 323628	83.53 2.34 0.00	78.90 2.25 0.00	108.86 2.96 0.00	114.78 2.81 0.00	131.33 3.56 0.00	152.03 4.37 0.00	124.76 4.53 0.00	152.05 5.56 0.00	156.16 5.60 0.00	158.31 5.57 0.00	120.07 3.87 0.00	106.32 3.20 0.00	100.46 2.85 0.00	106.47 3.19 0.27	91.81 2.90 0.00	112.34 3.59 0.00	99.96 3.47 0.00	98.81 3.42 2.34	134.41 4.69 0.00	108.36 3.33 0.27	130.00 3.54 1.73	147.74 3.47 0.00	153.68 2.96 0.00	74.61 1.40 0.00
MALONE___115KV_TB1 356076	83.28 2.08 0.00	78.51 1.86 0.00	109.20 3.30 0.00	117.27 5.30 0.00	133.56 5.80 0.00	154.66 7.01 0.00	125.79 5.56 0.00	153.05 6.56 0.00	156.71 6.15 0.00	159.14 6.41 0.00	120.10 3.90 0.00	106.48 3.36 0.00	100.25 2.64 0.00	105.70 2.15 0.00	91.05 2.14 0.00	111.63 2.89 0.00	99.18 2.69 0.00	100.03 2.30 0.00	132.26 2.53 0.00	106.56 1.26 0.00	130.39 2.20 0.00	148.14 3.87 0.00	156.54 5.81 0.00	74.83 1.61 0.00
MAPLEWOD_115KV_TB3 80458	228.37 4.03 -143.14	218.47 3.70 -138.13	207.10 4.93 -96.26	169.11 4.60 -52.54	212.12 5.22 -79.14	246.69 5.38 -93.67	179.55 4.23 -55.09	169.06 4.48 -18.09	159.52 4.14 -4.83	156.99 4.25 0.00	126.38 4.03 -6.16	115.05 3.68 -8.25	101.39 3.79 0.00	113.10 3.95 -5.60	171.73 3.21 -79.62	112.91 4.17 0.00	100.45 3.95 0.00	101.73 4.00 0.00	134.68 4.96 0.00	109.66 4.36 0.00	133.67 5.48 0.00	150.41 6.14 0.00	156.68 5.95 0.00	76.65 3.44 0.00
MAPLE_RIDGE_WT_1 323574	81.19 0.00 0.00	76.67 0.02 0.00	106.17 0.27 0.00	112.86 0.89 0.00	128.71 0.95 0.00	148.85 1.20 0.00	120.91 0.68 0.00	147.22 0.74 0.00	151.25 0.69 0.00	153.51 0.77 0.00	116.57 0.37 0.00	103.51 0.39 0.00	97.85 0.25 0.00	103.62 0.07 0.00	89.08 0.17 0.00	109.01 0.27 0.00	96.58 0.10 0.00	97.76 0.02 0.00	129.35 -0.37 0.00	104.23 -1.07 0.00	125.90 -2.30 0.00	141.52 -2.75 0.00	148.16 -2.57 0.00	71.79 -1.42 0.00
MAPLE_RIDGE_WT_2 323611	81.19 0.00 0.00	76.67 0.02 0.00	106.17 0.27 0.00	112.86 0.89 0.00	128.71 0.95 0.00	148.85 1.20 0.00	120.91 0.68 0.00	147.22 0.74 0.00	151.25 0.69 0.00	153.51 0.77 0.00	116.57 0.37 0.00	103.51 0.39 0.00	97.85 0.25 0.00	103.62 0.07 0.00	89.08 0.17 0.00	109.01 0.27 0.00	96.58 0.10 0.00	97.76 0.02 0.00	129.35 -0.37 0.00	104.23 -1.07 0.00	125.90 -2.30 0.00	141.52 -2.75 0.00	148.16 -2.57 0.00	71.79 -1.42 0.00
MARBLE_RIVER_WT_PWR 323696	81.96 0.77 0.00	77.25 0.61 0.00	107.46 1.55 0.00	115.07 3.10 0.00	131.05 3.28 0.00	151.32 3.67 0.00	122.53 2.30 0.00	148.86 2.38 0.00	152.90 2.34 0.00	155.39 2.66 0.00	117.50 1.31 0.00	104.30 1.18 0.00	98.27 0.67 0.00	103.79 0.24 0.00	89.27 0.36 0.00	109.60 0.86 0.00	97.28 0.79 0.00	97.88 0.14 0.00	129.11 -0.61 0.00	103.93 -1.38 0.00	127.11 -1.08 0.00	144.42 0.15 0.00	152.59 1.87 0.00	73.02 -0.20 0.00
MARSHVLE_115KV_TB1 80742	287.65 4.41 -202.05	275.92 4.30 -194.97	247.53 5.74 -135.88	192.21 6.01 -74.23	246.48 6.92 -111.81	288.62 8.64 -132.33	206.10 8.04 -77.83	182.31 10.18 -25.64	166.82 9.43 -6.84	161.42 8.68 0.00	131.09 6.17 -8.72	119.71 4.90 -11.69	101.90 4.30 0.00	115.94 4.54 -7.86	238.59 4.07 -145.61	114.45 5.70 0.00	101.77 5.28 0.00	102.73 5.71 0.72	137.33 7.61 0.00	110.76 5.54 0.08	133.94 6.28 0.54	151.66 7.39 0.00	158.10 7.37 0.00	76.37 3.16 0.00
MARSH_HILL_WT_PWR 323713	83.63 -3.47 -5.91	79.01 -3.34 -5.70	101.57 -6.00 -1.67	106.54 -7.62 -2.19	123.05 -8.01 -3.30	141.66 -9.90 -3.91	116.77 -5.76 -2.30	140.48 -6.77 -0.76	143.99 -6.77 -0.20	145.70 -7.04 0.00	110.06 -6.39 -0.26	95.88 -7.58 -0.34	90.32 -7.28 0.00	97.48 -5.72 0.35	88.06 -4.91 -4.06	89.56 -8.17 11.01	61.76 -7.70 27.03	40.94 -9.24 47.56	118.00 -11.41 0.32	88.09 -11.20 6.01	91.40 -14.76 22.03	124.47 -15.45 4.35	135.41 -15.31 0.00	66.45 -6.76 0.00
MCINTYRE_115KV_TB2 80467	83.22 2.03 0.00	78.56 1.91 0.00	109.22 3.32 0.00	117.99 6.03 0.00	134.52 6.75 0.00	156.37 8.71 0.00	126.44 6.21 0.00	153.89 7.40 0.00	156.46 5.90 0.00	158.21 5.47 0.00	119.26 3.06 0.00	105.78 2.66 0.00	99.60 2.00 0.00	105.24 1.69 0.00	90.85 1.94 0.00	111.16 2.42 0.00	99.01 2.52 0.00	100.79 3.06 0.00	133.24 3.52 0.00	107.73 2.43 0.00	132.19 4.00 0.00	149.54 5.27 0.00	158.51 7.78 0.00	76.14 2.93 0.00
MECO_____69_KV_BK1 80468	304.01 5.95 -216.85	291.65 5.74 -209.25	259.42 7.67 -145.85	199.44 7.80 -79.67	256.78 9.02 -120.00	300.60 10.93 -142.02	213.77 10.01 -83.53	186.47 12.47 -27.52	169.57 11.68 -7.34	163.69 10.95 0.00	133.51 7.95 -9.36	122.06 6.40 -12.54	103.38 5.78 0.00	118.52 6.45 -8.52	250.64 5.45 -156.28	116.58 7.83 0.00	103.88 7.40 0.00	105.79 8.06 0.00	140.46 10.73 0.00	113.62 8.32 0.00	137.88 9.69 0.00	155.08 10.81 0.00	161.37 10.65 0.00	78.07 4.86 0.00
MENANDS___115KV_TB5 355628	221.64 3.66 -136.79	211.97 3.32 -132.00	202.37 4.47 -92.00	166.30 4.13 -50.21	207.98 4.59 -75.63	241.68 4.53 -89.51	176.27 3.40 -52.64	167.14 3.37 -17.28	158.19 3.03 -4.61	155.86 3.12 0.00	125.30 3.22 -5.88	114.00 3.00 -7.88	100.81 3.20 0.00	112.17 3.27 -5.35	165.88 2.65 -74.33	112.18 3.43 0.00	99.71 3.22 0.00	100.96 3.22 0.00	133.61 3.88 0.00	108.85 3.55 0.00	132.75 4.56 0.00	149.40 5.13 0.00	155.70 4.97 0.00	76.29 3.08 0.00
MG INDUSTRY___DRP 24185	175.01 5.82 -87.99	167.00 5.44 -84.91	172.72 7.64 -59.17	151.73 7.46 -32.29	184.94 8.53 -48.65	214.34 9.12 -57.57	161.31 7.22 -33.86	165.38 7.78 -11.11	160.34 6.82 -2.96	159.03 6.30 0.00	124.56 4.58 -3.78	111.62 3.37 -5.13	101.60 4.00 0.00	110.37 3.34 -3.48	140.14 3.93 -47.30	116.01 7.27 0.00	104.28 7.79 0.00	106.14 8.40 0.00	140.30 10.57 0.00	113.87 8.57 0.00	139.05 10.86 0.00	156.28 12.01 0.00	162.71 11.98 0.00	80.03 6.82 0.00

MID___OSWEGATCHIE_HYD 23849	82.95 1.75 0.00	78.24 1.59 0.00	108.40 2.50 0.00	115.91 3.94 0.00	132.42 4.65 0.00	153.64 5.99 0.00	124.92 4.69 0.00	151.97 5.48 0.00	155.15 4.59 0.00	157.43 4.70 0.00	119.30 3.10 0.00	105.63 2.51 0.00	99.68 2.07 0.00	105.38 1.83 0.00	90.91 2.01 0.00	111.06 2.31 0.00	98.60 2.11 0.00	99.98 2.25 0.00	132.80 3.08 0.00	106.70 1.40 0.00	128.53 0.34 0.00	144.79 0.52 0.00	152.74 2.02 0.00	73.74 0.52 0.00
MID___RAQUETTE_HYD 23851	81.94 0.74 0.00	77.35 0.71 0.00	107.56 1.66 0.00	116.05 4.09 0.00	132.31 4.55 0.00	153.64 5.99 0.00	124.05 3.82 0.00	150.68 4.19 0.00	153.31 2.75 0.00	156.01 3.27 0.00	118.18 1.98 0.00	104.90 1.78 0.00	98.88 1.28 0.00	104.30 0.75 0.00	90.02 1.11 0.00	109.72 0.97 0.00	97.12 0.63 0.00	98.48 0.75 0.00	130.03 0.31 0.00	104.99 -0.31 0.00	128.54 0.35 0.00	145.75 1.48 0.00	154.95 4.23 0.00	74.47 1.25 0.00
MILLIKEN___1 23584	87.70 0.43 -6.08	82.88 0.36 -5.87	112.53 -0.01 -6.63	113.61 -0.62 -2.26	130.78 -0.38 -3.40	151.49 -0.18 -4.02	123.35 0.76 -2.36	148.26 0.99 -0.78	151.73 0.96 -0.21	153.28 0.55 0.00	116.74 0.27 -0.27	102.80 -0.68 -0.36	96.91 -0.69 0.00	103.14 -0.28 0.12	93.15 0.07 -4.17	120.87 -0.01 -12.14	126.50 0.21 -29.80	141.85 0.44 -43.67	131.10 1.02 -0.35	111.33 0.41 -5.62	146.30 0.29 -17.82	148.98 -0.08 -4.79	149.73 -1.00 -0.01	72.73 -0.48 0.00
MILLIKEN___2 23585	87.70 0.43 -6.08	82.88 0.36 -5.87	112.53 -0.01 -6.63	113.61 -0.62 -2.26	130.78 -0.38 -3.40	151.49 -0.18 -4.02	123.35 0.76 -2.36	148.26 0.99 -0.78	151.73 0.96 -0.21	153.28 0.55 0.00	116.74 0.27 -0.27	102.80 -0.68 -0.36	96.91 -0.69 0.00	103.14 -0.28 0.12	93.15 0.07 -4.17	120.87 -0.01 -12.14	126.50 0.21 -29.80	141.85 0.44 -43.67	131.10 1.02 -0.35	111.33 0.41 -5.62	146.30 0.29 -17.82	148.98 -0.08 -4.79	149.73 -1.00 -0.01	72.73 -0.48 0.00
MILLIKEN___DIESEL 23629	87.70 0.43 -6.08	82.88 0.36 -5.87	112.53 -0.01 -6.63	113.61 -0.62 -2.26	130.78 -0.38 -3.40	151.49 -0.18 -4.02	123.35 0.76 -2.36	148.26 0.99 -0.78	151.73 0.96 -0.21	153.28 0.55 0.00	116.74 0.27 -0.27	102.80 -0.68 -0.36	96.91 -0.69 0.00	103.14 -0.28 0.12	93.15 0.07 -4.17	120.87 -0.01 -12.14	126.50 0.21 -29.80	141.85 0.44 -43.67	131.10 1.02 -0.35	111.33 0.41 -5.62	146.30 0.29 -17.82	148.98 -0.08 -4.79	149.73 -1.00 -0.01	72.73 -0.48 0.00
MILLSEAT___LFGE 323607	74.47 -6.72 0.00	70.41 -6.24 0.00	95.39 -9.89 0.62	101.38 -10.58 0.00	115.70 -12.06 0.00	134.27 -13.38 0.00	110.02 -10.21 0.00	133.20 -13.29 0.00	136.98 -13.58 0.00	139.23 -13.50 0.00	105.33 -10.86 0.00	92.67 -10.44 0.00	87.17 -10.44 0.00	92.89 -9.83 0.83	80.70 -8.21 0.00	94.31 -11.44 3.00	79.06 -10.06 7.38	68.29 -10.70 18.75	118.01 -11.63 0.09	92.34 -10.61 2.36	104.63 -13.11 10.45	129.14 -13.94 1.18	136.89 -13.84 0.00	66.49 -6.73 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	106.01 4.25 -20.57	100.35 3.86 -19.85	124.31 4.58 -13.82	123.04 3.64 -7.43	143.09 4.13 -11.20	165.38 4.47 -13.26	132.45 4.42 -7.80	155.42 6.25 -2.68	158.46 7.19 -0.71	159.98 7.24 0.00	123.79 6.68 -0.91	110.43 6.09 -1.22	103.62 6.02 0.00	111.18 6.80 -0.83	108.45 5.24 -14.31	114.59 5.84 0.00	101.93 5.44 0.00	103.12 5.39 0.00	136.56 6.84 0.00	111.13 5.83 0.00	134.77 6.57 0.00	151.18 6.91 0.00	157.24 6.51 0.00	76.55 3.34 0.00
MILLWOOD_13_KV_LOAD 356217	106.14 4.37 -20.57	100.48 3.99 -19.85	124.45 4.73 -13.82	123.22 3.82 -7.43	143.25 4.29 -11.20	165.58 4.67 -13.26	132.66 4.63 -7.80	155.69 6.52 -2.68	158.76 7.49 -0.71	160.26 7.53 0.00	124.01 6.91 -0.91	110.62 6.28 -1.22	103.81 6.21 0.00	111.37 6.99 -0.83	108.63 5.41 -14.31	114.78 6.03 0.00	102.10 5.61 0.00	103.32 5.58 0.00	136.82 7.10 0.00	111.33 6.03 0.00	134.99 6.79 0.00	151.45 7.18 0.00	157.53 6.80 0.00	76.68 3.46 0.00
MODEL_CITY_ENERGY 24167	71.68 -9.51 0.00	67.90 -8.75 0.00	91.79 -13.42 0.69	97.63 -14.34 0.00	111.33 -16.43 0.00	129.05 -18.60 0.00	105.20 -15.03 0.00	126.86 -19.63 0.00	130.59 -19.97 0.00	133.05 -19.68 0.00	100.95 -15.25 0.00	88.98 -14.14 0.00	83.75 -13.85 0.00	89.01 -13.73 0.81	77.15 -11.76 0.00	89.36 -16.06 3.32	74.12 -14.22 8.16	62.63 -15.24 19.87	112.09 -17.54 0.10	87.37 -15.44 2.49	98.56 -18.78 10.85	123.06 -19.90 1.31	131.15 -19.57 0.00	63.92 -9.30 0.00
MODERN_LFGE___ 323580	71.68 -9.51 0.00	67.90 -8.75 0.00	91.79 -13.42 0.69	97.63 -14.34 0.00	111.33 -16.43 0.00	129.05 -18.60 0.00	105.20 -15.03 0.00	126.86 -19.63 0.00	130.59 -19.97 0.00	133.05 -19.68 0.00	100.95 -15.25 0.00	88.98 -14.14 0.00	83.75 -13.85 0.00	89.01 -13.73 0.81	77.15 -11.76 0.00	89.36 -16.06 3.32	74.12 -14.22 8.16	62.63 -15.24 19.87	112.09 -17.54 0.10	87.37 -15.44 2.49	98.56 -18.78 10.85	123.06 -19.90 1.31	131.15 -19.57 0.00	63.92 -9.30 0.00
MOHAWK_PAPER___DRP 24187	228.37 4.03 -143.14	218.47 3.70 -138.13	207.10 4.93 -96.26	169.11 4.60 -52.54	212.12 5.22 -79.14	246.69 5.38 -93.67	179.55 4.23 -55.09	169.06 4.48 -18.09	159.52 4.14 -4.83	156.99 4.25 0.00	126.38 4.03 -6.16	115.05 3.68 -8.25	101.39 3.79 0.00	113.10 3.95 -5.60	171.73 3.21 -79.62	112.91 4.17 0.00	100.45 3.95 0.00	101.73 4.00 0.00	134.68 4.96 0.00	109.66 4.36 0.00	133.67 5.48 0.00	150.41 6.14 0.00	156.68 5.95 0.00	76.65 3.44 0.00
MOHICAN___35_KV_115KV_LD 80490	305.81 7.21 -217.42	293.60 7.15 -209.80	261.50 9.38 -146.22	201.11 9.28 -79.85	259.08 11.04 -120.28	302.61 12.61 -142.35	215.11 11.16 -83.72	187.77 13.52 -27.76	171.48 13.52 -7.40	166.94 14.20 0.00	136.91 11.26 -9.44	125.31 9.53 -12.65	106.37 8.77 0.00	121.92 9.78 -8.60	290.61 7.61 -194.09	118.37 9.63 0.00	105.98 9.49 0.00	107.85 10.12 0.00	143.14 13.42 0.00	116.26 10.96 0.00	141.29 13.10 0.00	158.74 14.47 0.00	164.82 14.09 0.00	80.24 7.02 0.00
MONGAUP___HYD 23641	103.43 4.41 -17.83	97.88 4.03 -17.20	122.88 4.97 -12.01	123.38 4.62 -6.79	143.26 5.27 -10.23	165.78 6.01 -12.11	133.10 5.75 -7.12	156.71 7.79 -2.44	159.64 8.43 -0.65	161.02 8.29 0.00	124.04 7.01 -0.83	110.47 6.24 -1.11	103.65 6.05 0.00	110.98 6.68 -0.75	107.09 5.17 -13.02	114.94 6.19 0.00	101.23 4.74 0.00	103.36 5.63 0.00	137.29 7.57 0.00	112.26 6.96 0.00	136.14 7.95 0.00	152.75 8.48 0.00	158.79 8.07 0.00	77.15 3.93 0.00
MONTAUK___DIESEL 23721	112.24 10.19 -20.86	106.09 9.31 -20.13	131.12 11.21 -14.01	129.15 9.71 -7.47	148.64 9.62 -11.26	168.24 7.26 -13.33	136.43 8.37 -7.84	161.59 12.40 -2.69	163.32 12.04 -0.72	178.50 12.73 -13.03	224.97 10.56 -98.21	167.74 9.35 -55.27	148.32 10.93 -39.79	146.83 11.47 -31.80	123.40 8.68 -25.80	129.70 9.47 -11.48	104.11 7.62 0.00	105.07 7.34 0.00	139.38 9.66 0.00	113.55 8.24 -0.01	197.67 9.78 -59.70	154.22 9.94 -0.01	159.96 9.23 0.00	77.44 4.23 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	76.30 -4.89 0.00	71.82 -4.83 0.00	97.28 -7.76 0.86	103.64 -8.33 0.00	118.19 -9.58 0.00	136.52 -11.14 0.00	112.41 -7.82 0.00	136.88 -9.61 0.00	140.25 -10.31 0.00	142.27 -10.47 0.00	108.01 -8.19 0.00	94.78 -8.34 0.00	90.06 -7.54 0.00	95.98 -6.81 0.76	83.00 -5.91 0.00	95.96 -8.67 4.12	78.24 -8.14 10.11	64.58 -10.69 22.46	117.99 -11.61 0.12	91.90 -10.61 2.79	103.07 -13.42 11.70	128.00 -14.64 1.63	136.00 -14.73 0.00	66.24 -6.98 0.00

MORRIS_RIDGE___SOLAR 323848	81.59 -5.15 -5.54	77.13 -4.87 -5.35	100.40 -7.86 -2.36	105.19 -8.83 -2.06	121.25 -9.61 -3.10	140.12 -11.20 -3.67	114.44 -7.94 -2.16	137.20 -10.00 -0.71	140.52 -10.23 -0.19	142.02 -10.72 0.00	107.52 -8.92 -0.24	94.00 -9.45 -0.32	89.27 -8.33 0.00	96.02 -7.10 0.43	86.38 -6.34 -3.81	92.71 -9.49 6.55	71.86 -8.56 16.07	57.59 -9.21 30.94	118.91 -10.63 0.19	91.88 -9.54 3.88	101.20 -11.92 15.07	129.29 -12.39 2.59	138.15 -12.57 0.00	67.55 -5.66 0.00
MORTIMER_115KV_TB3 55949	75.97 -5.22 0.00	71.75 -4.89 0.00	97.80 -7.62 0.48	103.70 -8.27 0.00	118.34 -9.42 0.00	137.13 -10.53 0.00	112.41 -7.82 0.00	136.63 -9.86 0.00	140.51 -10.05 0.00	142.62 -10.12 0.00	108.20 -8.00 0.00	95.54 -7.58 0.00	90.17 -7.44 0.00	95.59 -7.08 0.87	83.02 -5.89 0.00	98.31 -8.15 2.29	83.63 -7.25 5.61	73.64 -7.69 16.40	121.18 -8.48 0.07	95.63 -7.67 2.01	109.17 -9.61 9.42	133.06 -10.31 0.90	140.23 -10.49 0.00	68.04 -5.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	106.89 4.82 -20.88	101.19 4.39 -20.15	125.19 5.27 -14.03	123.75 4.31 -7.48	143.91 4.88 -11.26	166.27 5.29 -13.33	133.25 5.18 -7.84	156.56 7.37 -2.69	159.67 8.39 -0.72	161.28 8.54 0.00	124.90 7.79 -0.92	111.41 7.06 -1.23	104.60 7.00 0.00	112.24 7.86 -0.84	109.41 6.11 -14.39	115.57 6.82 0.00	102.79 6.30 0.00	103.94 6.21 0.00	137.57 7.85 0.00	111.94 6.64 0.00	135.65 7.46 0.00	152.15 7.88 0.00	158.15 7.43 0.00	77.01 3.80 0.00
MUNSVILLE_WIND_PWR 323609	103.12 7.94 -14.00	97.61 7.46 -13.51	126.30 9.71 -10.68	126.70 9.55 -5.18	147.08 11.53 -7.79	170.80 13.93 -9.22	138.26 12.61 -5.42	164.35 16.06 -1.79	166.97 15.94 -0.48	168.50 15.77 0.00	128.31 11.50 -0.61	112.92 8.98 -0.82	105.46 7.86 0.00	111.89 8.10 -0.25	106.01 7.55 -9.55	124.51 9.71 -6.06	119.66 8.29 -14.88	126.04 7.61 -20.70	139.48 9.58 -0.17	113.47 5.49 -2.68	142.59 6.33 -8.07	152.75 6.09 -2.39	153.75 3.02 0.00	74.52 1.30 0.00
N SALMON___HYD 24042	83.27 2.08 0.00	78.51 1.86 0.00	109.20 3.30 0.00	117.27 5.30 0.00	133.56 5.79 0.00	154.66 7.01 0.00	125.79 5.56 0.00	153.05 6.56 0.00	156.71 6.15 0.00	159.14 6.41 0.00	120.10 3.90 0.00	106.49 3.36 0.00	100.24 2.64 0.00	105.70 2.15 0.00	91.05 2.14 0.00	111.63 2.89 0.00	99.18 2.69 0.00	100.02 2.29 0.00	132.25 2.53 0.00	106.57 1.27 0.00	130.39 2.20 0.00	148.14 3.87 0.00	156.54 5.81 0.00	74.83 1.62 0.00
N.AKRON__115KV_KNAPP 355671	73.76 -7.43 0.00	69.81 -6.84 0.00	94.51 -10.75 0.64	100.46 -11.51 0.00	114.63 -13.14 0.00	132.93 -14.72 0.00	108.88 -11.35 0.00	131.69 -14.80 0.00	135.48 -15.08 0.00	137.79 -14.95 0.00	104.36 -11.84 0.00	91.86 -11.26 0.00	86.44 -11.17 0.00	92.01 -10.71 0.83	79.92 -8.99 0.00	93.16 -12.52 3.07	77.93 -11.02 7.54	66.91 -11.85 18.98	116.56 -13.07 0.09	91.14 -11.77 2.39	103.10 -14.53 10.55	127.69 -15.36 1.21	135.54 -15.18 0.00	65.89 -7.32 0.00
N.BELMOR_69_KV_BK1 55787	107.61 5.56 -20.86	101.91 5.14 -20.13	126.05 6.13 -14.01	124.69 5.25 -7.47	144.84 5.82 -11.26	167.26 6.28 -13.33	134.36 6.29 -7.84	157.66 8.48 -2.69	161.18 9.90 -0.72	162.71 9.97 0.00	142.39 9.09 -17.11	166.79 8.40 -55.27	145.65 8.26 -39.79	144.55 9.20 -31.80	121.94 7.22 -25.80	128.38 8.15 -11.48	103.56 7.07 0.00	104.84 7.11 0.00	138.88 9.15 0.00	113.31 8.00 0.00	145.63 9.23 -8.20	153.80 9.53 0.00	159.86 9.14 0.00	77.79 4.58 0.00
N.E_GEN_SANDY PD 24062	143.88 4.50 -58.19	136.16 4.07 -55.44	147.60 4.95 -36.74	136.73 4.39 -20.37	163.45 5.01 -30.68	188.96 5.04 -36.26	145.56 4.30 -21.03	162.65 6.82 -9.34	166.87 8.50 -7.81	160.89 8.15 0.00	97.79 7.19 25.59	121.41 7.03 -11.26	116.11 6.78 -11.73	123.83 7.58 -12.70	161.48 5.08 -67.48	131.68 4.81 -18.12	101.40 4.91 0.00	103.67 4.90 -1.03	135.82 6.09 0.00	113.10 5.34 -2.46	133.68 6.35 0.86	151.65 7.03 -0.35	158.17 6.84 -0.61	90.97 3.62 -14.13
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	104.27 3.70 -19.38	98.70 3.36 -18.69	122.84 3.91 -13.04	122.16 3.00 -7.19	141.95 3.36 -10.82	164.18 3.72 -12.81	131.58 3.82 -7.54	154.52 5.45 -2.58	157.53 6.29 -0.69	159.08 6.34 0.00	123.00 5.93 -0.88	109.68 5.39 -1.18	102.94 5.34 0.00	110.45 6.11 -0.80	107.43 4.71 -13.81	113.94 5.19 0.00	101.35 4.87 0.00	102.50 4.77 0.00	135.83 6.10 0.00	110.51 5.21 0.00	133.99 5.80 0.00	150.34 6.07 0.00	156.46 5.73 0.00	76.17 2.95 0.00
N.QUEENS_27_KV_LOAD 356247	107.33 5.25 -20.88	101.52 4.72 -20.15	125.29 5.36 -14.03	123.89 4.45 -7.48	143.93 4.91 -11.26	166.32 5.34 -13.33	133.47 5.40 -7.84	157.04 7.85 -2.69	159.99 8.71 -0.72	161.60 8.86 0.00	125.23 8.12 -0.92	111.77 7.42 -1.23	104.97 7.37 0.00	112.50 8.12 -0.84	109.45 6.15 -14.39	115.79 7.04 0.00	102.90 6.42 0.00	104.11 6.37 0.00	137.73 8.01 0.00	112.06 6.76 0.00	135.90 7.71 0.00	152.23 7.96 0.00	158.36 7.63 0.00	77.09 3.88 0.00
N.TROY___115KV_TB1 355778	264.13 4.56 -178.38	253.01 4.24 -172.13	231.31 5.44 -119.97	182.59 5.13 -65.49	232.41 6.00 -98.65	270.66 6.26 -116.75	194.13 5.24 -68.66	175.94 6.43 -23.02	163.43 6.73 -6.14	159.52 6.79 0.00	129.86 5.82 -7.83	119.14 5.53 -10.49	102.86 5.26 0.00	116.51 5.83 -7.13	314.13 4.26 -220.97	113.76 5.02 0.00	101.46 4.97 0.00	102.75 5.02 0.00	136.11 6.38 0.00	110.80 5.50 0.00	134.84 6.65 0.00	151.74 7.47 0.00	158.07 7.35 0.00	77.09 3.87 0.00
NARROWS_GT1_1 24228	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT1_2 24229	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT1_3 24230	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT1_4 24231	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20

NARROWS_GT1_5 24232	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT1_6 24233	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT1_7 24234	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT1_8 24235	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT2_1 24236	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.29 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT2_2 24237	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.29 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT2_3 24238	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.29 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT2_4 24239	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.29 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT2_5 24240	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.29 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT2_6 24241	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.29 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT2_7 24242	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.29 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NARROWS_GT2_8 24243	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	268.02 8.93 -155.55	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.29 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	166.81 6.19 -79.43	158.96 5.67 -76.64	167.27 7.95 -53.41	149.08 7.94 -29.17	180.70 8.99 -43.94	209.40 9.75 -52.00	158.82 8.00 -30.58	165.61 9.07 -10.05	161.67 8.42 -2.68	160.71 7.97 0.00	124.87 5.25 -3.42	111.99 4.27 -4.60	102.48 4.88 0.00	111.21 4.53 -3.13	136.26 4.29 -43.05	115.43 6.68 0.00	103.19 6.70 0.00	104.86 7.12 0.00	138.88 9.15 0.00	112.93 7.63 0.00	137.65 9.46 0.00	154.66 10.39 0.00	160.97 10.25 0.00	79.09 5.88 0.00
NCHELSEA_115KV_TR2 355582	107.55 4.95 -21.41	101.80 4.49 -20.66	125.77 5.47 -14.39	124.49 4.77 -7.75	144.86 5.42 -11.68	167.56 6.08 -13.83	134.12 5.76 -8.13	157.19 7.90 -2.80	160.31 9.00 -0.75	161.76 9.02 0.00	125.12 7.96 -0.96	111.59 7.18 -1.28	104.61 7.00 0.00	112.21 7.79 -0.87	109.84 6.02 -14.90	115.60 6.86 0.00	102.94 6.45 0.00	104.27 6.54 0.00	138.20 8.48 0.00	112.40 7.10 0.00	136.30 8.11 0.00	152.91 8.64 0.00	159.00 8.27 0.00	77.33 4.11 0.00
NEG CAPITAL___MECHNVIL 23645	292.39 5.73 -205.47	280.41 5.50 -198.27	251.24 7.16 -138.18	194.38 6.96 -75.46	249.57 8.15 -113.65	291.20 9.04 -134.52	207.25 7.91 -79.11	182.57 9.74 -26.34	167.46 9.87 -7.02	162.80 10.06 0.00	133.27 8.11 -8.96	122.35 7.22 -12.01	104.37 6.76 0.00	119.29 7.59 -8.16	299.73 5.85 -204.97	115.99 7.24 0.00	103.44 6.96 0.00	104.98 7.25 0.00	139.23 9.50 0.00	113.16 7.86 0.00	137.58 9.39 0.00	154.68 10.41 0.00	160.96 10.24 0.00	78.35 5.14 0.00

NEG CENTRAL_HIGH_ACRES 23767	75.61 -5.58 0.00	71.45 -5.20 0.00	97.54 -8.01 0.35	103.28 -8.69 0.00	117.94 -9.82 0.00	136.78 -10.87 0.00	112.17 -8.06 0.00	136.28 -10.21 0.00	140.11 -10.45 0.00	142.10 -10.64 0.00	107.87 -8.32 0.00	95.25 -7.87 0.00	89.89 -7.71 0.00	95.39 -7.35 0.81	82.71 -6.20 0.00	98.73 -8.33 1.69	84.97 -7.36 4.15	76.54 -7.62 13.57	120.99 -8.69 0.05	95.92 -7.73 1.65	110.50 -9.67 8.02	132.85 -10.75 0.67	139.52 -11.21 0.00	67.72 -5.49 0.00
NEG CENTRAL___DRP 24199	79.15 -2.04 0.00	74.73 -1.91 0.00	101.91 -3.42 0.57	107.73 -4.23 0.00	123.11 -4.65 0.00	142.61 -5.04 0.00	117.31 -2.91 0.00	142.46 -4.03 0.00	146.46 -4.10 0.00	148.31 -4.43 0.00	112.53 -3.67 0.00	99.04 -4.07 0.00	93.78 -3.82 0.00	99.75 -3.32 0.48	86.21 -2.70 0.00	102.26 -3.77 2.72	86.77 -3.05 6.67	80.32 -2.76 14.65	126.34 -3.31 0.08	100.42 -3.06 1.82	116.72 -3.87 7.60	138.35 -4.85 1.07	145.02 -5.71 0.00	70.72 -2.50 0.00
NEG CENTRAL___INDECK 23768	74.73 -6.47 0.00	70.66 -5.99 0.00	95.36 -9.26 1.28	100.36 -11.61 0.00	114.93 -12.84 0.00	133.36 -14.29 0.00	110.27 -9.96 0.00	134.48 -12.64 -0.63	137.55 -13.18 -0.17	138.74 -13.99 0.00	104.38 -12.03 -0.21	91.22 -12.18 -0.28	85.79 -11.81 0.00	92.35 -10.68 0.52	83.65 -8.63 -3.37	91.23 -11.41 6.11	71.67 -9.83 14.99	58.57 -9.40 29.76	117.37 -12.18 0.17	90.87 -10.71 3.72	100.52 -12.95 14.72	133.17 -8.69 2.41	140.39 -10.33 0.00	68.22 -5.00 0.00
NEG CENTRAL___SENECA 23627	78.99 -2.20 0.00	74.64 -2.01 0.00	101.04 -3.79 1.06	107.27 -4.69 0.00	122.68 -5.09 0.00	142.17 -5.48 0.00	117.25 -2.98 0.00	142.05 -4.44 0.00	146.10 -4.46 0.00	147.86 -4.88 0.00	112.12 -4.08 0.00	98.47 -4.64 0.00	93.35 -4.26 0.00	99.30 -3.62 0.63	85.96 -2.95 0.00	99.39 -4.27 5.09	80.59 -3.42 12.48	69.60 -3.07 25.06	125.82 -3.76 0.15	98.67 -3.50 3.14	111.23 -4.48 12.47	136.66 -5.61 2.01	144.18 -6.54 0.00	70.50 -2.71 0.00
NEG CENTRAL___STATE_STREET 24147	80.15 -1.04 0.00	75.60 -1.05 0.00	104.14 -2.06 -0.29	109.16 -2.81 0.00	124.67 -3.09 0.00	144.36 -3.29 0.00	118.39 -1.83 0.00	144.06 -2.43 0.00	148.14 -2.42 0.00	150.04 -2.70 0.00	113.91 -2.29 0.00	100.45 -2.67 0.00	94.99 -2.61 0.00	100.95 -2.24 0.36	87.14 -1.77 0.00	107.83 -2.29 -1.37	98.03 -1.83 -3.36	98.38 -1.47 -2.12	128.16 -1.61 -0.04	103.97 -1.65 -0.31	126.27 -1.85 0.07	142.00 -2.82 -0.54	147.04 -3.69 0.00	71.47 -1.74 0.00
NEG MILLWOOD___DRP 24198	108.31 5.52 -21.59	102.50 5.02 -20.84	126.51 6.11 -14.50	124.97 5.29 -7.71	145.42 6.04 -11.61	168.23 6.83 -13.75	134.77 6.45 -8.09	158.07 8.80 -2.78	161.11 9.81 -0.74	162.61 9.88 0.00	125.82 8.67 -0.95	112.20 7.80 -1.27	105.19 7.59 0.00	112.83 8.42 -0.87	110.33 6.57 -14.85	116.26 7.52 0.00	103.51 7.02 0.00	104.86 7.12 0.00	138.98 9.26 0.00	113.03 7.73 0.00	137.03 8.84 0.00	153.67 9.40 0.00	159.66 8.94 0.00	77.65 4.43 0.00
NEG NORTH_FLCN_SEA 23793	83.01 1.81 0.00	78.28 1.63 0.00	108.84 2.94 0.00	116.53 4.56 0.00	132.69 4.93 0.00	152.41 4.76 0.00	123.11 2.88 0.00	149.67 3.19 0.00	153.70 3.14 0.00	156.15 3.42 0.00	117.98 1.79 0.00	104.74 1.62 0.00	98.62 1.01 0.00	104.24 0.69 0.00	89.42 0.51 0.00	110.17 1.43 0.00	97.75 1.25 0.00	98.52 0.79 0.00	130.13 0.41 0.00	104.74 -0.56 0.00	128.03 -0.16 0.00	145.26 0.99 0.00	153.31 2.58 0.00	74.04 0.82 0.00
NEG NORTH_KES_CHATEGAY 23792	82.08 0.88 0.00	77.39 0.74 0.00	107.66 1.76 0.00	115.37 3.40 0.00	131.35 3.58 0.00	151.85 4.20 0.00	123.34 3.11 0.00	149.83 3.35 0.00	153.86 3.30 0.00	156.28 3.54 0.00	117.91 1.71 0.00	104.60 1.48 0.00	98.49 0.88 0.00	103.88 0.33 0.00	89.47 0.56 0.00	109.82 1.08 0.00	97.60 1.10 0.00	98.16 0.43 0.00	129.60 9.26 0.00	104.35 7.73 0.00	127.81 -0.95 0.00	145.27 -0.38 0.00	153.41 1.00 0.00	73.30 2.68 0.08
NEG NORTH___ALICE_FALLS 23915	83.22 2.03 0.00	78.49 1.84 0.00	109.11 3.21 0.00	116.87 4.91 0.00	133.14 5.38 0.00	153.39 5.73 0.00	124.30 4.07 0.00	151.20 4.71 0.00	155.12 4.56 0.00	157.47 4.74 0.00	118.86 2.66 0.00	105.47 2.35 0.00	99.29 1.68 0.00	104.93 1.38 0.00	90.10 1.19 0.00	110.94 2.19 0.00	98.52 2.02 0.00	99.36 1.62 0.00	131.32 1.60 0.00	105.73 0.43 0.00	129.20 1.01 0.00	146.62 2.35 0.00	154.68 3.96 0.00	74.39 1.18 0.00
NEG NORTH___LWR_SARANAC 23913	83.22 2.03 0.00	78.49 1.84 0.00	109.11 3.21 0.00	116.87 4.91 0.00	133.14 5.38 0.00	153.39 5.73 0.00	124.30 4.07 0.00	151.20 4.71 0.00	155.12 4.56 0.00	157.47 4.74 0.00	118.86 2.66 0.00	105.47 2.35 0.00	99.29 1.68 0.00	104.93 1.38 0.00	90.10 1.19 0.00	110.94 2.19 0.00	98.52 2.02 0.00	99.36 1.62 0.00	131.32 1.60 0.00	105.73 0.43 0.00	129.20 1.01 0.00	146.62 2.35 0.00	154.68 3.96 0.00	74.39 1.18 0.00
NEG NORTH___PLATTSBURG 23628	83.22 2.03 0.00	78.49 1.84 0.00	109.11 3.21 0.00	116.87 4.90 0.00	133.14 5.38 0.00	153.38 5.73 0.00	124.30 4.07 0.00	151.20 4.71 0.00	155.12 4.56 0.00	157.47 4.73 0.00	118.86 2.66 0.00	105.47 2.35 0.00	99.28 1.67 0.00	104.92 1.38 0.00	90.10 1.19 0.00	110.94 2.19 0.00	98.51 2.02 0.00	99.35 1.61 0.00	131.33 1.60 0.00	105.73 0.43 0.00	129.20 1.01 0.00	146.62 2.35 0.00	154.68 3.96 0.00	74.39 1.17 0.00
NEG WEST_LEA_LOCKPORT 23791	71.84 -9.35 0.00	68.00 -8.65 0.00	91.79 -13.25 0.86	97.84 -14.12 0.00	111.56 -16.20 0.00	129.25 -18.40 0.00	105.61 -14.62 0.00	127.56 -18.93 0.00	131.27 -19.29 0.00	133.68 -19.06 0.00	101.35 -14.85 0.00	89.31 -13.81 0.00	84.10 -13.50 0.00	89.44 -13.29 0.82	77.55 -11.36 0.00	89.15 -15.54 4.06	72.84 -13.76 9.89	60.12 -14.75 22.86	112.77 -16.85 0.10	87.90 -14.85 2.56	98.81 -18.21 11.17	123.42 -19.24 1.60	131.81 -18.92 0.00	64.18 -9.04 0.00
NEG WEST___LANCASTER 23811	76.11 -5.08 0.00	71.86 -4.79 0.00	97.28 -7.75 0.87	103.41 -8.56 0.00	118.17 -9.60 0.00	136.59 -11.06 0.00	111.61 -8.62 0.00	136.04 -11.08 -0.63	139.48 -11.25 -0.17	141.62 -11.12 0.00	107.85 -8.56 -0.21	95.37 -8.03 -0.28	89.79 -7.81 0.00	95.68 -7.31 0.55	86.05 -6.21 -3.35	95.68 -8.90 4.17	78.56 -7.71 10.22	66.94 -8.23 22.56	120.98 -8.62 0.12	94.52 -7.98 2.80	106.61 -9.87 11.71	132.70 -9.92 1.65	141.16 -9.56 0.00	68.70 -4.52 0.00
NEG_PENN_ALLEGHNY 23528	90.01 -0.58 -9.39	85.08 -0.63 -9.06	110.46 -1.33 -5.90	113.44 -2.02 -3.48	131.01 -1.99 -5.24	151.50 -2.36 -6.21	122.70 -1.18 -3.65	146.29 -1.41 -1.21	149.64 -1.24 -0.32	151.35 -1.38 0.00	115.66 -0.95 -0.41	102.30 -1.37 -0.55	96.48 -1.13 0.00	102.84 -0.74 -0.04	94.66 -0.69 -6.44	105.47 -1.27 2.00	90.41 -1.16 4.92	85.84 -1.22 10.67	128.66 -1.01 0.06	102.96 -1.01 1.33	121.10 -1.59 5.50	141.67 -1.81 0.79	148.28 -2.45 0.00	72.09 -1.13 0.00
NEG___GEN_MONROE 24207	76.23 -4.96 0.00	72.02 -4.63 0.00	98.08 -7.34 0.49	103.99 -7.98 0.00	118.73 -9.03 0.00	137.66 -9.99 0.00	112.87 -7.35 0.00	137.19 -9.29 0.00	141.01 -9.55 0.00	143.08 -9.66 0.00	108.37 -7.82 0.00	95.60 -7.52 0.00	90.11 -7.49 0.00	95.70 -6.97 0.87	83.22 -5.69 0.00	98.51 -7.91 2.33	83.77 -7.00 5.71	73.80 -7.41 16.53	121.71 -7.05 0.07	95.95 -7.32 2.03	109.53 -9.18 9.48	133.50 -9.86 0.92	140.75 -9.97 0.00	68.28 -4.94 0.00

NEPA__ENERGY 23901	74.96 -6.23 0.00	70.67 -5.98 0.00	95.57 -9.49 0.84	101.87 -10.10 0.00	116.17 -11.60 0.00	134.37 -13.28 0.00	110.29 -9.93 0.00	133.87 -12.62 0.00	137.46 -13.10 0.00	139.63 -13.11 0.00	105.83 -10.37 0.00	92.94 -10.18 0.00	88.07 -9.53 0.00	93.87 -8.90 0.78	81.28 -7.63 0.00	93.83 -10.92 3.99	76.86 -9.84 9.79	64.31 -11.30 22.12	117.19 -12.42 0.11	91.38 -11.17 2.74	102.70 -13.89 11.60	127.85 -14.84 1.58	136.10 -14.62 0.00	66.28 -6.93 0.00
NEVERSink__HYD 23608	106.10 3.55 -21.36	100.49 3.23 -20.61	124.16 3.88 -14.37	123.39 3.43 -7.98	143.70 3.91 -12.02	166.39 4.50 -14.24	133.17 4.57 -8.37	155.65 6.32 -2.84	158.56 7.24 -0.76	159.92 7.18 0.00	123.43 6.26 -0.97	109.93 5.51 -1.30	102.99 5.38 0.00	110.55 6.12 -0.88	108.87 4.82 -15.14	114.30 5.56 0.00	101.73 5.24 0.00	103.07 5.34 0.00	136.74 7.02 0.00	111.18 5.88 0.00	134.84 6.65 0.00	151.30 7.03 0.00	157.24 6.51 0.00	76.39 3.18 0.00
NEWKRMKL_115KV_TB1 55635	215.35 3.36 -130.79	205.89 3.04 -126.21	198.06 4.19 -87.96	163.83 3.85 -48.01	204.34 4.27 -72.31	237.40 4.17 -85.58	173.57 3.01 -50.33	166.05 3.04 -16.52	157.72 2.76 -4.41	155.56 2.82 0.00	124.78 2.96 -5.62	113.44 2.78 -7.53	100.68 3.08 0.00	111.67 3.00 -5.12	165.32 2.42 -73.99	111.69 2.95 0.00	99.19 2.70 0.00	100.45 2.72 0.00	132.99 3.27 0.00	108.36 3.06 0.00	132.14 3.95 0.00	148.61 4.35 0.00	154.94 4.21 0.00	76.07 2.85 0.00
NEWTON__FALLS_HYD 23847	82.95 1.75 0.00	78.24 1.59 0.00	108.40 2.50 0.00	115.91 3.94 0.00	132.42 4.65 0.00	153.64 5.99 0.00	124.92 4.69 0.00	151.97 5.48 0.00	155.15 4.59 0.00	157.43 4.70 0.00	119.30 3.10 0.00	105.63 2.51 0.00	99.68 2.07 0.00	105.38 1.83 0.00	90.91 2.01 0.00	111.06 2.31 0.00	98.60 2.11 0.00	99.98 2.25 0.00	132.80 3.08 0.00	106.70 1.40 0.00	128.53 0.34 0.00	144.79 0.52 0.00	152.74 2.02 0.00	73.74 0.52 0.00
NGRID_A1_DSASP 323792	71.33 -9.86 0.00	67.34 -9.31 0.00	91.00 -14.18 0.72	96.89 -15.08 0.00	110.37 -17.39 0.00	127.93 -19.73 0.00	104.53 -15.70 0.00	126.28 -20.21 0.00	130.03 -20.53 0.00	132.46 -20.28 0.00	100.48 -15.72 0.00	88.59 -14.53 0.00	83.45 -14.16 0.00	88.62 -14.11 0.82	76.78 -12.13 0.00	88.97 -16.33 3.44	73.54 -14.50 8.45	61.94 -15.43 20.36	111.48 -18.14 0.10	86.89 -15.90 2.51	98.14 -19.10 10.95	122.46 -20.45 1.36	130.68 -20.04 0.00	63.67 -9.54 0.00
NGRID_A2_DSASP 323793	71.33 -9.86 0.00	67.34 -9.31 0.00	91.00 -14.18 0.72	96.89 -15.08 0.00	110.37 -17.39 0.00	127.93 -19.73 0.00	104.53 -15.70 0.00	126.28 -20.21 0.00	130.03 -20.53 0.00	132.46 -20.28 0.00	100.48 -15.72 0.00	88.59 -14.53 0.00	83.45 -14.16 0.00	88.62 -14.11 0.82	76.78 -12.13 0.00	88.97 -16.33 3.44	73.54 -14.50 8.45	61.94 -15.43 20.36	111.48 -18.14 0.10	86.89 -15.90 2.51	98.14 -19.10 10.95	122.46 -20.45 1.36	130.68 -20.04 0.00	63.67 -9.54 0.00
NGRID_A4_DSASP 323807	71.33 -9.86 0.00	67.34 -9.31 0.00	91.00 -14.18 0.72	96.89 -15.08 0.00	110.37 -17.39 0.00	127.93 -19.73 0.00	104.53 -15.70 0.00	126.28 -20.21 0.00	130.03 -20.53 0.00	132.46 -20.28 0.00	100.48 -15.72 0.00	88.59 -14.53 0.00	83.45 -14.16 0.00	88.62 -14.11 0.82	76.78 -12.13 0.00	88.97 -16.33 3.44	73.54 -14.50 8.45	61.94 -15.43 20.36	111.48 -18.14 0.10	86.89 -15.90 2.51	98.14 -19.10 10.95	122.46 -20.45 1.36	130.68 -20.04 0.00	63.67 -9.54 0.00
NIAGARA_115E_LBMP 323715	71.35 -9.84 0.00	67.63 -9.02 0.00	91.37 -13.82 0.71	97.27 -14.70 0.00	110.87 -16.89 0.00	128.51 -19.14 0.00	104.65 -15.58 0.00	126.08 -20.40 0.00	129.81 -20.75 0.00	132.31 -20.43 0.00	100.40 -15.80 0.00	88.52 -14.59 0.00	83.29 -14.31 0.00	88.52 -14.21 0.81	76.73 -12.18 0.00	88.74 -16.61 3.39	73.44 -14.71 8.34	61.82 -15.78 20.13	111.34 -18.29 0.10	86.77 -16.02 2.51	97.82 -19.45 10.92	122.37 -20.56 1.34	130.53 -20.20 0.00	63.63 -9.58 0.00
NIAGARA_115W_LBMP 323714	71.21 -9.98 0.00	67.24 -9.41 0.00	90.88 -14.31 0.72	96.75 -15.21 0.00	110.24 -17.53 0.00	127.73 -19.93 0.00	104.39 -15.84 0.00	126.04 -20.45 0.00	129.80 -20.76 0.00	132.25 -20.49 0.00	100.30 -15.90 0.00	88.46 -14.66 0.00	83.30 -14.30 0.00	88.49 -14.23 0.82	76.67 -12.24 0.00	88.86 -16.46 3.43	73.47 -14.60 8.42	61.86 -15.55 20.33	111.30 -18.33 0.10	86.76 -16.03 2.51	97.99 -19.26 10.94	122.28 -20.63 1.36	130.50 -20.22 0.00	63.58 -9.64 0.00
NIAGARA_230_LBMP 323716	72.11 -9.08 0.00	68.12 -8.52 0.00	92.13 -13.06 0.71	98.06 -13.91 0.00	111.76 -16.00 0.00	129.42 -18.23 0.00	105.75 -14.48 0.00	127.79 -18.70 0.00	131.55 -19.01 0.00	133.92 -18.82 0.00	101.59 -14.61 0.00	89.62 -13.50 0.00	84.46 -13.14 0.00	89.67 -13.05 0.82	77.71 -11.20 0.00	90.06 -15.30 3.39	74.53 -13.64 8.31	62.93 -14.57 20.23	112.86 -16.77 0.10	88.09 -14.73 2.48	99.40 -17.92 10.87	123.89 -19.04 1.34	132.17 -18.56 0.00	64.36 -8.85 0.00
NIAGARA__115KV_198_GIBSON 55903	71.16 -10.04 0.00	67.22 -9.43 0.00	90.84 -14.34 0.72	96.72 -15.24 0.00	110.20 -17.57 0.00	127.65 -20.00 0.00	104.36 -15.87 0.00	126.04 -20.44 0.00	129.80 -20.76 0.00	132.23 -20.50 0.00	100.30 -15.90 0.00	88.44 -14.68 0.00	83.29 -14.32 0.00	88.46 -14.27 0.82	76.66 -12.25 0.00	88.84 -16.48 3.43	73.51 -14.56 8.42	61.81 -15.59 20.33	111.28 -18.34 0.10	86.83 -15.96 2.51	97.99 -19.26 10.94	122.28 -20.64 1.36	130.51 -20.21 0.00	63.59 -9.63 0.00
NIAGARA____ 23760	72.11 -9.08 0.00	68.12 -8.52 0.00	92.13 -13.06 0.71	98.06 -13.91 0.00	111.76 -16.00 0.00	129.42 -18.23 0.00	105.75 -14.48 0.00	127.79 -18.70 0.00	131.55 -19.01 0.00	133.92 -18.82 0.00	101.59 -14.61 0.00	89.62 -13.50 0.00	84.46 -13.14 0.00	89.68 -13.05 0.82	77.71 -11.20 0.00	90.05 -15.30 3.39	74.52 -13.64 8.32	62.96 -14.57 20.20	112.86 -16.77 0.10	88.08 -14.73 2.49	99.39 -17.92 10.89	123.89 -19.04 1.34	132.17 -18.56 0.00	64.36 -8.85 0.00
NINE_MILE_1 23575	77.47 -3.72 0.00	73.13 -3.52 0.00	100.73 -5.17 0.00	106.25 -5.72 0.00	121.27 -6.50 0.00	140.24 -7.41 0.00	114.58 -5.65 0.00	139.57 -6.92 0.00	143.45 -7.11 0.00	145.49 -7.25 0.00	110.70 -5.50 0.00	98.04 -5.08 0.00	92.77 -4.84 0.00	94.31 -4.86 4.38	84.74 -4.18 0.00	103.46 -5.28 0.01	91.86 -4.63 0.00	55.02 -4.66 38.06	123.88 -5.84 0.00	95.97 -4.95 4.38	93.87 -6.19 28.13	137.25 -7.02 0.00	143.18 -7.54 0.00	69.57 -3.65 0.00
NINE_MILE_2 23744	77.49 -3.71 0.00	73.15 -3.50 0.00	100.74 -5.16 0.00	106.26 -5.71 0.00	121.28 -6.49 0.00	140.27 -7.39 0.00	114.58 -5.65 0.00	139.57 -6.92 0.00	143.45 -7.11 0.00	145.49 -7.25 0.00	110.70 -5.50 0.00	98.04 -5.08 0.00	92.77 -4.84 0.00	94.26 -4.85 4.43	84.74 -4.18 0.00	103.46 -5.27 0.01	91.87 -4.62 0.00	54.58 -4.64 38.51	123.88 -5.84 0.00	95.92 -4.94 4.43	93.54 -6.19 28.46	137.28 -6.99 0.00	143.22 -7.51 0.00	69.58 -3.64 0.00
NM_CAPITAL__DRP 24208	213.32 3.50 -128.63	203.95 3.19 -124.12	196.71 4.30 -86.51	163.13 3.96 -47.21	203.26 4.39 -71.11	236.10 4.30 -84.15	172.88 3.16 -49.49	165.81 3.08 -16.24	157.61 2.72 -4.33	155.54 2.80 0.00	124.71 2.98 -5.53	113.33 2.80 -7.41	100.64 3.04 0.00	111.62 3.05 -5.03	159.10 2.46 -67.73	111.92 3.17 0.00	99.43 2.94 0.00	100.66 2.93 0.00	133.27 3.54 0.00	108.58 3.28 0.00	132.39 4.20 0.00	149.02 4.75 0.00	155.31 4.58 0.00	76.18 2.97 0.00

NM_CENTRAL___DRP 24181	78.77 -2.42 0.00	74.36 -2.29 0.00	102.30 -3.61 0.00	107.81 -4.16 0.00	123.15 -4.62 0.00	142.52 -5.14 0.00	116.68 -3.54 0.00	142.17 -4.32 0.00	146.23 -4.33 0.00	148.21 -4.52 0.00	112.74 -3.46 0.00	99.74 -3.38 0.00	94.37 -3.24 0.00	99.97 -3.06 0.51	86.32 -2.59 0.00	105.32 -3.42 0.00	93.58 -2.91 0.00	90.33 -2.93 4.48	126.35 -3.38 0.00	101.76 -3.03 0.51	120.93 -3.95 3.31	139.70 -4.58 0.00	145.49 -5.23 0.00	70.67 -2.54 0.00
NM_FRONTIER___DRP 24179	71.16 -10.04 0.00	67.22 -9.43 0.00	90.84 -14.34 0.72	96.72 -15.24 0.00	110.20 -17.57 0.00	127.65 -20.00 0.00	104.36 -15.87 0.00	126.04 -20.44 0.00	129.80 -20.76 0.00	132.23 -20.50 0.00	100.30 -15.90 0.00	88.44 -14.68 0.00	83.29 -14.32 0.00	88.46 -14.27 0.82	76.66 -12.25 0.00	88.84 -16.48 3.43	73.51 -14.56 8.42	61.81 -15.59 20.33	111.28 -18.34 0.10	86.83 -15.96 2.51	97.99 -19.26 10.94	122.28 -20.64 1.36	130.51 -20.21 0.00	63.59 -9.63 0.00
NM_ST_REGIS___HYD 24053	82.36 1.17 0.00	77.71 1.06 0.00	108.07 2.17 0.00	116.52 4.55 0.00	132.78 5.02 0.00	154.11 6.46 0.00	124.65 4.42 0.00	151.48 4.99 0.00	154.33 3.77 0.00	156.96 4.22 0.00	118.76 2.57 0.00	105.36 2.24 0.00	99.27 1.67 0.00	104.66 1.12 0.00	90.27 1.36 0.00	110.23 1.49 0.00	97.73 1.23 0.00	98.94 1.20 0.00	130.69 0.96 0.00	105.45 0.15 0.00	129.10 0.91 0.00	146.47 2.20 0.00	155.54 4.82 0.00	74.62 1.40 0.00
NORTHPORT___1 23551	108.41 6.36 -20.86	102.86 6.08 -20.13	127.37 7.45 -14.01	125.96 6.52 -7.47	145.99 6.97 -11.26	168.52 7.54 -13.33	135.43 7.37 -7.84	158.29 9.10 -2.69	161.59 10.32 -0.72	163.03 10.29 0.00	142.61 9.30 -17.11	167.40 9.01 -55.27	146.17 8.78 -39.79	145.12 9.77 -31.80	122.40 7.68 -25.80	128.99 8.76 -11.48	104.03 7.55 0.00	105.12 7.38 0.00	139.33 9.60 0.00	113.57 8.27 0.00	146.12 9.73 -8.20	154.26 9.99 0.00	160.97 10.25 0.00	78.35 5.14 0.00
NORTHPORT___2 23552	108.41 6.36 -20.86	102.86 6.08 -20.13	127.37 7.45 -14.01	125.96 6.52 -7.47	145.99 6.97 -11.26	168.52 7.54 -13.33	135.43 7.37 -7.84	158.29 9.10 -2.69	161.59 10.32 -0.72	163.03 10.29 0.00	142.61 9.30 -17.11	167.40 9.01 -55.27	146.17 8.78 -39.79	145.12 9.77 -31.80	122.40 7.68 -25.80	128.99 8.76 -11.48	104.03 7.55 0.00	105.12 7.38 0.00	139.33 9.60 0.00	113.57 8.27 0.00	146.12 9.73 -8.20	154.26 9.99 0.00	160.97 10.25 0.00	78.35 5.14 0.00
NORTHPORT___3 23553	107.38 5.32 -20.86	101.97 5.20 -20.13	126.13 6.22 -14.01	124.84 5.40 -7.47	144.65 5.64 -11.26	166.53 5.55 -13.33	133.87 5.80 -7.84	156.69 7.51 -2.69	159.99 8.71 -0.72	161.00 8.93 0.66	137.94 8.75 -12.99	166.41 8.02 -55.27	145.38 7.99 -39.79	144.29 8.94 -31.80	121.78 7.06 -25.80	128.13 7.91 -11.48	103.23 6.74 0.00	104.29 6.55 0.00	138.11 8.38 0.00	112.46 7.16 0.00	142.26 8.48 -5.60	153.07 8.80 0.00	159.41 8.69 0.00	77.66 4.45 0.00
NORTHPORT___4 23650	107.38 5.32 -20.86	101.97 5.20 -20.13	126.13 6.22 -14.01	124.84 5.40 -7.47	144.65 5.64 -11.26	166.53 5.55 -13.33	133.87 5.80 -7.84	156.69 7.51 -2.69	159.99 8.71 -0.72	161.00 8.93 0.66	137.94 8.75 -12.99	166.41 8.02 -55.27	145.38 7.99 -39.79	144.29 8.94 -31.80	121.78 7.06 -25.80	128.13 7.91 -11.48	103.23 6.74 0.00	104.29 6.55 0.00	138.11 8.38 0.00	112.46 7.16 0.00	142.26 8.48 -5.60	153.07 8.80 0.00	159.41 8.69 0.00	77.66 4.45 0.00
NORTHPORT___IC 23718	108.42 6.37 -20.86	102.86 6.08 -20.13	127.37 7.45 -14.01	125.96 6.52 -7.47	146.01 6.99 -11.26	168.52 7.54 -13.33	135.44 7.37 -7.84	158.28 9.10 -2.69	161.59 10.31 -0.72	163.04 10.30 0.00	142.62 9.31 -17.11	167.40 9.01 -55.27	146.17 8.78 -39.79	145.11 9.76 -31.80	122.40 7.69 -25.80	128.98 8.76 -11.48	104.03 7.54 0.00	105.12 7.39 0.00	139.34 9.61 0.00	113.56 8.26 0.00	146.12 9.73 -8.20	154.25 9.98 0.00	160.97 10.25 0.00	78.35 5.14 0.00
NORTH___COUNTRY_ESR 323785	81.83 0.64 0.00	77.16 0.51 0.00	107.36 1.46 0.00	115.01 3.04 0.00	130.95 3.19 0.00	151.41 3.75 0.00	122.96 2.74 0.00	149.39 2.90 0.00	153.46 2.90 0.00	155.98 3.24 0.00	117.79 1.59 0.00	104.55 1.43 0.00	98.47 0.87 0.00	103.87 0.32 0.00	89.46 0.55 0.00	109.81 1.07 0.00	97.45 0.96 0.00	97.87 0.13 0.00	129.09 -0.63 0.00	103.92 -1.38 0.00	127.22 -0.97 0.00	144.69 0.42 0.00	152.80 2.08 0.00	73.06 -0.15 0.00
NPX_GEN_1385_PROXY 323591	109.55 7.50 -20.86	104.54 7.77 -20.13	129.98 10.06 -14.01	128.93 9.49 -7.47	148.81 9.80 -11.26	172.61 11.63 -13.33	138.65 10.58 -7.84	289.55 10.13 -132.93	309.38 11.30 -147.52	163.41 10.67 0.00	142.15 8.84 -17.11	167.56 9.17 -55.27	146.13 8.74 -39.79	145.05 9.70 -31.80	86.51 7.07 9.46	146.37 8.03 -29.60	103.35 6.86 0.00	104.54 6.81 0.00	138.82 9.09 0.00	113.54 8.24 0.00	146.74 10.35 -8.20	153.90 9.63 0.00	163.38 12.66 0.00	79.78 6.57 0.00
NPX_GEN_CSC 323557	109.57 7.52 -20.86	103.72 6.94 -20.13	128.35 8.44 -14.01	126.93 7.49 -7.47	147.09 8.08 -11.26	169.36 8.38 -13.33	136.53 8.46 -7.84	160.41 11.22 -2.69	163.58 12.31 -0.72	178.43 12.62 -13.07	225.41 10.76 -98.46	168.09 9.70 -55.27	147.16 9.76 -39.79	146.03 10.68 -31.80	123.13 8.42 -25.80	148.15 9.80 -29.60	104.87 8.38 0.00	105.95 8.22 0.00	140.49 10.77 0.00	114.56 9.25 -0.01	199.39 11.31 -59.89	156.10 11.82 -0.01	162.19 11.47 0.00	78.70 5.49 0.00
NSINS_S___GLNS_FALLS 23858	307.04 7.08 -218.77	294.81 7.06 -211.10	262.30 9.27 -147.13	201.49 9.17 -80.36	259.69 10.90 -121.03	303.33 12.45 -143.24	215.50 11.03 -84.24	187.79 13.38 -27.92	171.34 13.34 -7.45	166.74 14.00 0.00	136.82 11.12 -9.50	125.21 9.36 -12.73	106.22 8.61 0.00	121.86 9.66 -8.65	289.29 7.51 -192.86	118.26 9.51 0.00	105.83 9.34 0.00	107.68 9.95 0.00	142.91 13.18 0.00	116.06 10.76 0.00	141.06 12.87 0.00	158.49 14.22 0.00	164.58 13.85 0.00	80.14 6.93 0.00
NUCOR_STEEL___DRP 24197	80.12 -1.07 0.00	75.56 -1.09 0.00	104.16 -2.07 -0.33	109.10 -2.87 0.00	124.59 -3.17 0.00	144.26 -3.39 0.00	118.27 -1.96 0.00	143.91 -2.58 0.00	147.98 -2.58 0.00	149.86 -2.88 0.00	113.86 -2.34 0.00	100.45 -2.67 0.00	94.99 -2.61 0.00	100.93 -2.28 0.34	87.09 -1.82 0.00	107.97 -2.36 -1.58	98.49 -1.89 -3.89	99.36 -1.53 -3.16	128.03 -1.74 -0.05	103.98 -1.76 -0.44	126.74 -1.90 -0.45	142.03 -2.87 -0.63	147.03 -3.70 0.00	71.43 -1.79 0.00
NUMBER_THREE_WT_PWR 323818	84.25 3.06 0.00	79.49 2.84 0.00	109.76 3.86 0.00	116.27 4.30 0.00	133.01 5.25 0.00	154.12 6.47 0.00	126.17 5.95 0.00	153.76 7.27 0.00	157.87 7.31 0.00	159.91 7.17 0.00	121.04 4.85 0.00	107.02 3.90 0.00	101.16 3.56 0.00	106.98 3.54 0.10	92.33 3.42 0.00	113.17 4.42 0.00	100.74 4.25 0.00	101.31 4.46 0.89	136.23 6.50 0.00	108.69 3.49 0.10	128.08 0.54 0.65	143.89 -0.38 0.00	150.24 -0.49 0.00	73.07 -0.15 0.00
NYISO_LBMP_REFERENCE 24008	81.19 0.00 0.00	76.65 0.00 0.00	105.90 0.00 0.00	111.97 0.00 0.00	127.76 0.00 0.00	147.65 0.00 0.00	120.23 0.00 0.00	146.49 0.00 0.00	150.56 0.00 0.00	152.74 0.00 0.00	116.20 0.00 0.00	103.12 0.00 0.00	97.61 0.00 0.00	103.55 0.00 0.00	88.91 0.00 0.00	108.75 0.00 0.00	96.49 0.00 0.00	97.74 0.00 0.00	129.72 0.00 0.00	105.30 0.00 0.00	128.19 0.00 0.00	144.27 0.00 0.00	150.73 0.00 0.00	73.21 0.00 0.00

NYPA_BRENTWD____GT 24164	109.13 7.08 -20.86	103.41 6.63 -20.13	128.12 8.21 -14.01	126.73 7.29 -7.47	146.87 7.86 -11.26	169.73 8.75 -13.33	136.46 8.40 -7.84	159.70 10.52 -2.69	163.00 11.72 -0.72	165.62 11.54 -1.34	152.10 10.48 -25.43	168.74 10.36 -55.27	147.50 10.11 -39.79	146.49 11.14 -31.80	123.58 8.86 -25.80	130.51 10.29 -11.48	105.39 8.90 0.00	106.47 8.73 0.00	141.33 11.60 0.00	115.13 9.83 0.00	153.18 11.51 -13.48	156.10 11.82 0.00	162.60 11.87 0.00	79.00 5.79 0.00
NYPA_GOWANUS____GT5 24156	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NYPA_GOWANUS____GT6 24157	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.62 5.17 -7.48	144.83 5.81 -11.26	260.75 6.51 -106.58	134.18 6.12 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.97 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	374.75 8.93 -262.27	141.30 6.88 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.46 7.20 -107.53	194.30 9.17 -55.40	272.66 7.71 -159.65	282.78 8.71 -145.88	154.81 9.24 -1.31	159.40 8.68 0.00	78.86 4.45 -1.20
NYPA_HARLEM__RVR__GT1 24160	107.14 5.07 -20.88	101.38 4.59 -20.15	125.19 5.26 -14.03	123.78 4.34 -7.48	143.81 4.78 -11.26	166.12 5.14 -13.33	133.26 5.19 -7.84	156.77 7.58 -2.69	159.71 8.43 -0.72	161.30 8.56 0.00	125.03 7.91 -0.92	111.56 7.21 -1.23	104.78 7.17 0.00	112.30 7.92 -0.83	109.28 5.98 -14.39	115.54 6.80 0.00	102.70 6.21 0.00	103.90 6.17 0.00	137.45 7.73 0.00	111.87 6.57 0.00	135.63 7.44 0.00	151.97 7.70 0.00	158.09 7.37 0.00	76.99 3.77 0.00
NYPA_HARLEM__RVR__GT2 24161	107.14 5.07 -20.88	101.38 4.59 -20.15	125.19 5.26 -14.03	123.78 4.34 -7.48	143.81 4.78 -11.26	166.12 5.14 -13.33	133.26 5.19 -7.84	156.77 7.58 -2.69	159.71 8.43 -0.72	161.30 8.56 0.00	125.03 7.91 -0.92	111.56 7.21 -1.23	104.78 7.17 0.00	112.30 7.92 -0.83	109.28 5.98 -14.39	115.54 6.80 0.00	102.70 6.21 0.00	103.90 6.17 0.00	137.45 7.73 0.00	111.87 6.57 0.00	135.63 7.44 0.00	151.97 7.70 0.00	158.09 7.37 0.00	76.99 3.77 0.00
NYPA_KENT____GT 24152	238.63 5.35 -152.08	169.31 4.89 -87.77	131.27 5.81 -19.56	124.30 4.86 -7.48	144.48 5.46 -11.26	223.31 6.04 -69.62	133.82 5.75 -7.84	157.36 8.18 -2.69	160.58 9.30 -0.73	162.28 9.51 -0.03	130.15 8.48 -5.47	147.08 7.74 -36.22	180.93 7.74 -75.59	206.85 8.68 -94.63	128.77 6.68 -33.18	118.09 7.56 -1.79	120.97 6.98 -17.50	169.53 6.89 -64.91	171.92 8.75 -33.44	209.02 7.35 -96.37	224.50 8.25 -88.06	153.83 8.77 -0.79	158.96 8.24 0.00	78.16 4.22 -0.72
NYPA_POUCH1____GT 24155	325.03 5.60 -238.23	213.96 5.13 -132.18	135.13 6.03 -23.19	124.51 5.07 -7.48	144.70 5.67 -11.26	260.69 6.46 -106.58	134.03 5.97 -7.84	157.55 8.37 -2.69	160.74 9.44 -0.74	162.40 9.61 -0.05	132.93 8.27 -8.45	169.96 7.64 -59.20	230.61 7.79 -125.22	255.05 8.65 -142.85	141.01 6.59 -45.51	119.38 7.68 -2.95	132.56 7.08 -28.99	212.27 7.01 -107.53	194.07 8.94 -55.40	272.48 7.53 -159.65	282.54 8.47 -145.88	154.58 9.01 -1.31	159.09 8.36 0.00	78.79 4.38 -1.20
NYPA_VERNON____GT2 24162	152.28 5.16 -65.93	124.71 4.70 -43.37	127.43 5.61 -15.92	124.14 4.69 -7.48	144.25 5.23 -11.26	185.99 5.68 -32.66	133.58 5.51 -7.84	157.08 7.90 -2.69	160.24 8.96 -0.72	161.95 9.20 -0.01	127.10 8.42 -2.48	123.97 7.61 -13.24	131.15 7.59 -25.95	145.79 8.53 -33.71	116.35 6.60 -20.84	116.70 7.35 -0.61	109.26 6.76 -6.01	126.68 6.66 -22.28	149.66 8.46 -11.48	145.50 7.11 -33.09	166.37 7.95 -30.23	153.01 8.47 -0.27	158.70 7.97 0.00	77.52 4.06 -0.25
NYPA_VERNON____GT3 24163	152.28 5.16 -65.93	124.71 4.70 -43.37	127.43 5.61 -15.92	124.14 4.69 -7.48	144.25 5.23 -11.26	185.99 5.68 -32.66	133.58 5.51 -7.84	157.08 7.90 -2.69	160.24 8.96 -0.72	161.95 9.20 -0.01	127.10 8.42 -2.48	123.97 7.61 -13.24	131.15 7.59 -25.95	145.79 8.53 -33.71	116.35 6.60 -20.84	116.70 7.35 -0.61	109.26 6.76 -6.01	126.68 6.66 -22.28	149.66 8.46 -11.48	145.50 7.11 -33.09	166.37 7.95 -30.23	153.01 8.47 -0.27	158.70 7.97 0.00	77.52 4.06 -0.25
NYPA__ASTORIA_CC1 323568	107.15 5.08 -20.88	101.41 4.61 -20.15	125.42 5.49 -14.03	124.02 4.58 -7.48	144.12 5.09 -11.26	166.46 5.48 -13.33	133.39 5.32 -7.84	156.83 7.64 -2.69	160.00 8.72 -0.72	161.63 8.90 0.00	125.30 8.18 -0.92	111.78 7.43 -1.23	105.02 7.41 0.00	112.75 8.37 -0.84	109.74 6.44 -14.39	115.88 7.13 0.00	103.08 6.59 0.00	104.24 6.50 0.00	137.97 8.25 0.00	112.23 6.93 0.00	135.97 7.78 0.00	152.52 8.25 0.00	158.51 7.78 0.00	77.17 3.95 0.00
NYPA__ASTORIA_CC2 323569	107.15 5.08 -20.88	101.41 4.61 -20.15	125.42 5.49 -14.03	124.02 4.58 -7.48	144.12 5.09 -11.26	166.46 5.48 -13.33	133.39 5.32 -7.84	156.83 7.64 -2.69	160.00 8.72 -0.72	161.63 8.90 0.00	125.30 8.18 -0.92	111.78 7.43 -1.23	105.02 7.41 0.00	112.75 8.37 -0.84	109.74 6.44 -14.39	115.88 7.13 0.00	103.08 6.59 0.00	104.24 6.50 0.00	137.97 8.25 0.00	112.23 6.93 0.00	135.97 7.78 0.00	152.52 8.25 0.00	158.51 7.78 0.00	77.17 3.95 0.00
NYPA__HOLTSVILL 23794	108.81 6.76 -20.86	103.07 6.29 -20.13	127.57 7.66 -14.01	126.16 6.72 -7.47	146.27 7.25 -11.26	168.69 7.71 -13.33	135.77 7.70 -7.84	159.27 10.09 -2.69	162.53 11.25 -0.72	177.27 11.46 -13.08	224.84 10.16 -98.48	167.83 9.44 -55.27	146.75 9.36 -39.79	145.66 10.31 -31.80	122.86 8.14 -25.80	129.58 9.35 -11.48	104.59 8.10 0.00	105.64 7.90 0.00	140.09 10.37 0.00	114.23 8.92 -0.01	198.59 10.51 -59.90	155.24 10.96 -0.01	161.44 10.71 0.00	78.40 5.19 0.00
NYPA__HELLGATE_GT1 24158	107.14 5.07 -20.88	101.38 4.59 -20.15	125.19 5.26 -14.03	123.78 4.34 -7.48	143.81 4.78 -11.26	166.12 5.14 -13.33	133.26 5.19 -7.84	156.77 7.58 -2.69	159.71 8.43 -0.72	161.30 8.56 0.00	125.03 7.91 -0.92	111.56 7.21 -1.23	104.78 7.17 0.00	112.30 7.92 -0.83	109.28 5.98 -14.39	115.54 6.80 0.00	102.70 6.21 0.00	103.90 6.17 0.00	137.45 7.73 0.00	111.87 6.57 0.00	135.63 7.44 0.00	151.97 7.70 0.00	158.09 7.37 0.00	76.99 3.77 0.00
NYPA__HELLGATE_GT2 24159	107.14 5.07 -20.88	101.38 4.59 -20.15	125.19 5.26 -14.03	123.78 4.34 -7.48	143.81 4.78 -11.26	166.12 5.14 -13.33	133.26 5.19 -7.84	156.77 7.58 -2.69	159.71 8.43 -0.72	161.30 8.56 0.00	125.03 7.91 -0.92	111.56 7.21 -1.23	104.78 7.17 0.00	112.30 7.92 -0.83	109.28 5.98 -14.39	115.54 6.80 0.00	102.70 6.21 0.00	103.90 6.17 0.00	137.45 7.73 0.00	111.87 6.57 0.00	135.63 7.44 0.00	151.97 7.70 0.00	158.09 7.37 0.00	76.99 3.77 0.00
NYS_BARGE__HYD 23848	72.22 -8.98 0.00	68.35 -8.29 0.00	92.45 -12.79 0.66	98.32 -13.65 0.00	112.11 -15.65 0.00	129.99 -17.66 0.00	106.12 -14.11 0.00	128.16 -18.32 0.00	131.88 -18.68 0.00	134.31 -18.42 0.00	101.84 -14.36 0.00	89.75 -13.37 0.00	84.48 -13.13 0.00	89.80 -12.92 0.82	77.87 -11.04 0.00	90.44 -15.14 3.17	75.30 -13.39 7.80	64.08 -14.33 19.32	113.28 -16.36 0.10	88.38 -14.48 2.44	99.81 -17.67 10.70	124.31 -18.71 1.25	132.35 -18.38 0.00	64.43 -8.78 0.00

OAK ORCHARD___HYD 24046	76.00 -5.19 0.00	71.78 -4.87 0.00	97.82 -7.60 0.48	103.72 -8.25 0.00	118.34 -9.43 0.00	137.20 -10.46 0.00	112.43 -7.80 0.00	136.63 -9.86 0.00	140.51 -10.05 0.00	142.62 -10.12 0.00	108.20 -8.00 0.00	95.56 -7.56 0.00	90.18 -7.43 0.00	95.60 -7.07 0.87	83.00 -5.91 0.00	98.32 -8.14 2.29	83.64 -7.23 5.61	73.70 -7.64 16.40	121.18 -8.48 0.07	95.62 -7.67 2.01	109.17 -9.60 9.42	133.05 -10.32 0.90	140.24 -10.49 0.00	68.04 -5.17 0.00
OAKDALE___35_KV_LOAD 356122	89.99 -0.94 -9.74	85.07 -0.97 -9.40	110.17 -1.78 -6.05	113.09 -2.49 -3.61	130.62 -2.58 -5.44	151.03 -3.06 -6.44	122.16 -1.86 -3.79	145.47 -2.27 -1.25	148.75 -2.14 -0.33	150.49 -2.25 0.00	115.03 -1.59 -0.42	101.83 -1.86 -0.57	96.02 -1.58 0.00	102.34 -1.25 -0.04	94.41 -1.18 -6.68	104.50 -1.84 2.41	88.91 -1.69 5.90	83.72 -1.75 12.26	127.91 -1.74 0.07	102.17 -1.61 1.53	119.71 -2.28 6.20	140.79 -2.53 0.95	147.56 -3.16 0.00	71.75 -1.46 0.00
OCC_CHEM___DRP 24175	71.26 -9.93 0.00	67.33 -9.32 0.00	90.98 -14.20 0.72	96.85 -15.12 0.00	110.34 -17.42 0.00	127.83 -19.83 0.00	104.51 -15.72 0.00	126.25 -20.24 0.00	130.00 -20.56 0.00	132.45 -20.28 0.00	100.47 -15.73 0.00	88.58 -14.54 0.00	83.41 -14.19 0.00	88.60 -14.13 0.82	76.81 -12.10 0.00	88.97 -16.33 3.44	73.58 -14.47 8.45	61.90 -15.48 20.36	111.47 -18.15 0.10	86.97 -15.82 2.51	98.13 -19.11 10.95	122.48 -20.43 1.36	130.70 -20.02 0.00	63.67 -9.54 0.00
OH_GEN_PROXY 24063	72.27 -8.92 0.00	68.26 -8.38 0.00	92.38 -12.82 0.71	98.27 -13.70 0.00	112.02 -15.74 0.00	129.71 -17.94 0.00	106.00 -14.23 0.00	128.23 -18.26 0.00	132.02 -18.54 0.00	134.34 -18.40 0.00	101.90 -14.30 0.00	89.92 -13.20 0.00	84.75 -12.85 0.00	89.97 -12.76 0.82	77.97 -10.94 0.00	108.61 -14.88 -14.75	74.91 -13.31 8.27	63.36 -14.22 20.15	113.32 -16.31 0.10	88.49 -14.34 2.47	99.90 -17.45 10.84	124.39 -18.55 1.33	132.57 -18.15 0.00	64.52 -8.69 0.00
OLIN_CORP_DRP 24177	71.46 -9.73 0.00	67.73 -8.92 0.00	91.53 -13.65 0.72	97.43 -14.54 0.00	111.05 -16.71 0.00	128.66 -18.99 0.00	104.90 -15.33 0.00	126.46 -20.03 0.00	130.19 -20.37 0.00	132.67 -20.07 0.00	100.66 -15.54 0.00	88.72 -14.40 0.00	83.50 -14.10 0.00	88.75 -13.99 0.81	76.94 -11.97 0.00	88.95 -16.35 3.45	73.51 -14.52 8.46	61.83 -15.59 20.31	111.68 -17.94 0.10	87.03 -15.75 2.53	98.02 -19.20 10.97	122.64 -20.27 1.36	130.81 -19.91 0.00	63.78 -9.44 0.00
OLIN_CORP_DSASP 323712	71.33 -9.86 0.00	67.34 -9.31 0.00	91.00 -14.18 0.72	96.89 -15.08 0.00	110.37 -17.39 0.00	127.93 -19.73 0.00	104.53 -15.70 0.00	126.28 -20.21 0.00	130.03 -20.53 0.00	132.46 -20.28 0.00	100.48 -15.72 0.00	88.59 -14.53 0.00	83.45 -14.16 0.00	88.62 -14.11 0.82	76.78 -12.13 0.00	88.97 -16.33 3.44	73.54 -14.50 8.45	61.94 -15.43 20.36	111.48 -18.14 0.10	86.89 -15.90 2.51	98.14 -19.10 10.95	122.46 -20.45 1.36	130.68 -20.04 0.00	63.67 -9.54 0.00
ONEIDA_HERK_LFGE 323681	84.08 2.88 0.00	79.34 2.69 0.00	109.53 3.62 0.00	115.69 3.72 0.00	132.28 4.52 0.00	153.11 5.46 0.00	125.37 5.14 0.00	152.76 6.27 0.00	156.90 6.35 0.00	159.08 6.34 0.00	120.71 4.51 0.00	106.90 3.78 0.00	101.09 3.49 0.00	107.12 3.70 0.13	92.23 3.32 0.00	112.92 4.17 0.00	100.46 3.97 0.00	100.73 4.11 1.11	135.41 5.68 0.00	109.00 3.83 0.13	130.40 3.03 0.82	147.05 2.78 0.00	153.29 2.57 0.00	74.47 1.25 0.00
ONEIDA___115KV_TB4 55905	83.53 2.34 0.00	78.90 2.25 0.00	108.86 2.96 0.00	114.78 2.81 0.00	131.33 3.56 0.00	152.03 4.37 0.00	124.76 4.53 0.00	152.05 5.56 0.00	156.16 5.60 0.00	158.31 5.57 0.00	120.07 3.87 0.00	106.32 3.20 0.00	100.46 2.85 0.00	106.47 3.19 0.27	91.81 2.90 0.00	112.34 3.59 0.00	99.96 3.47 0.00	98.81 3.42 2.34	134.41 4.69 0.00	108.36 3.33 0.27	130.00 3.54 1.73	147.74 3.47 0.00	153.68 2.96 0.00	74.61 1.40 0.00
ONONDAGA_REF_OCCRA 23987	79.56 -1.64 0.00	75.06 -1.59 0.00	103.53 -2.61 -0.23	108.83 -3.14 0.00	124.36 -3.40 0.00	143.93 -3.73 0.00	117.87 -2.36 0.00	143.62 -2.87 0.00	147.69 -2.87 0.00	149.69 -3.05 0.00	113.81 -2.39 0.00	100.64 -2.48 0.00	95.21 -2.40 0.00	100.96 -2.13 0.45	87.10 -1.81 0.00	107.45 -2.41 -1.11	97.24 -1.98 -2.73	96.16 -1.95 -0.38	127.69 -2.07 -0.03	103.43 -1.97 -0.10	124.47 -2.67 1.05	141.50 -3.21 -0.44	146.91 -3.81 0.00	71.35 -1.87 0.00
ONONDAGA___COGEN 23986	79.41 -1.78 0.00	74.93 -1.72 0.00	103.11 -2.79 0.00	108.62 -3.35 0.00	124.03 -3.73 0.00	143.51 -4.14 0.00	117.51 -2.72 0.00	143.16 -3.34 0.00	147.14 -3.41 0.00	149.12 -3.62 0.00	113.38 -2.82 0.00	100.27 -2.85 0.00	94.89 -2.72 0.00	100.75 -2.50 0.30	86.84 -2.07 0.00	105.98 -2.77 0.00	94.21 -2.28 0.00	92.92 -2.20 2.61	127.27 -2.46 0.00	102.74 -2.26 0.30	123.30 -2.96 1.93	140.72 -3.55 0.00	146.48 -4.24 0.00	71.16 -2.06 0.00
ONTARIO___LFGE 23819	78.98 -2.21 0.00	74.63 -2.02 0.00	101.03 -3.80 1.06	107.26 -4.71 0.00	122.70 -5.06 0.00	142.18 -5.47 0.00	117.25 -2.98 0.00	142.05 -4.44 0.00	146.10 -4.45 0.00	147.86 -4.88 0.00	112.12 -4.08 0.00	98.47 -4.65 0.00	93.33 -4.28 0.00	99.32 -3.60 0.63	85.95 -2.96 0.00	99.37 -4.29 5.09	80.56 -3.45 12.48	69.57 -3.10 25.06	125.82 -3.75 0.15	98.65 -3.52 3.14	111.16 -4.56 12.47	136.65 -5.61 2.01	144.17 -6.55 0.00	70.52 -2.69 0.00
ORANGEVILLE_WT_PWR 323706	79.96 -6.36 -5.14	75.65 -5.95 -4.95	98.80 -9.42 -2.31	103.61 -10.26 -1.90	119.23 -11.40 -2.87	137.90 -13.15 -3.40	112.42 -9.81 -2.00	134.67 -12.48 -0.66	137.94 -12.80 -0.18	139.67 -13.06 0.00	105.90 -10.53 -0.22	92.81 -10.61 -0.30	87.79 -9.82 0.00	94.41 -8.63 0.50	84.70 -7.74 -3.53	91.96 -11.33 5.46	72.97 -10.13 13.39	59.68 -10.85 27.20	117.38 -12.19 0.16	91.13 -10.77 3.40	101.20 -13.39 13.60	128.03 -14.08 2.15	136.75 -13.97 0.00	66.81 -6.41 0.00
ORANGEVILLE___ESR 323794	79.96 -6.36 -5.14	75.65 -5.95 -4.95	98.80 -9.42 -2.31	103.61 -10.26 -1.90	119.23 -11.40 -2.87	137.90 -13.15 -3.40	112.42 -9.81 -2.00	134.67 -12.48 -0.66	137.94 -12.80 -0.18	139.67 -13.06 0.00	105.90 -10.53 -0.22	92.81 -10.61 -0.30	87.79 -9.82 0.00	94.41 -8.63 0.50	84.70 -7.74 -3.53	91.96 -11.33 5.46	72.97 -10.13 13.39	59.68 -10.85 27.20	117.38 -12.19 0.16	91.13 -10.77 3.40	101.20 -13.39 13.60	128.03 -14.08 2.15	136.75 -13.97 0.00	66.81 -6.41 0.00
OSWEGATCHIE___HYD 24044	82.95 1.75 0.00	78.24 1.59 0.00	108.40 2.50 0.00	115.90 3.94 0.00	132.41 4.65 0.00	153.64 5.99 0.00	124.92 4.70 0.00	151.97 5.48 0.00	155.15 4.59 0.00	157.44 4.70 0.00	119.30 3.10 0.00	105.63 2.51 0.00	99.68 2.07 0.00	105.38 1.83 0.00	90.92 2.01 0.00	111.06 2.31 0.00	98.60 2.11 0.00	99.97 2.24 0.00	132.80 3.08 0.00	106.70 1.40 0.00	128.53 0.34 0.00	144.79 0.52 0.00	152.74 2.02 0.00	73.74 0.53 0.00
OSWEGO___5 23606	78.06 -3.13 0.00	73.68 -2.97 0.00	101.48 -4.42 0.00	107.04 -4.93 0.00	122.16 -5.60 0.00	141.28 -6.37 0.00	115.48 -4.75 0.00	140.65 -5.84 0.00	144.56 -6.00 0.00	146.63 -6.11 0.00	111.53 -4.67 0.00	98.76 -4.36 0.00	93.45 -4.15 0.00	100.79 -4.11 -1.35	85.39 -3.52 0.00	104.24 -4.51 0.00	92.58 -3.91 0.00	105.50 -3.95 -11.71	124.84 -4.88 0.00	102.48 -4.17 -1.35	131.59 -5.26 -8.66	138.33 -5.94 0.00	144.24 -6.49 0.00	70.07 -3.15 0.00

OSWEGO___6 23613	78.06 -3.13 0.00	73.68 -2.97 0.00	101.48 -4.42 0.00	107.04 -4.93 0.00	122.16 -5.60 0.00	141.28 -6.37 0.00	115.48 -4.75 0.00	140.65 -5.84 0.00	144.56 -6.00 0.00	146.63 -6.11 0.00	111.53 -4.67 0.00	98.76 -4.36 0.00	93.45 -4.15 0.00	100.79 -4.11 -1.35	85.39 -3.52 0.00	104.24 -4.51 0.00	92.58 -3.91 0.00	105.50 -3.95 -11.71	124.84 -4.88 0.00	102.48 -4.17 -1.35	131.59 -5.26 -8.66	138.33 -5.94 0.00	144.24 -6.49 0.00	70.07 -3.15 0.00
OUTOKUMPU-AB___DRP 24206	72.85 -8.34 0.00	68.87 -7.78 0.00	93.06 -12.11 0.73	99.06 -12.91 0.00	112.97 -14.79 0.00	130.89 -16.76 0.00	107.08 -13.14 0.00	129.59 -16.90 0.00	133.37 -17.19 0.00	135.77 -16.96 0.00	103.03 -13.17 0.00	90.75 -12.37 0.00	85.49 -12.11 0.00	90.99 -11.75 0.81	78.84 -10.07 0.00	91.31 -13.92 3.51	75.55 -12.32 8.62	63.88 -13.33 20.52	114.57 -15.05 0.10	89.37 -13.38 2.55	100.83 -16.31 11.05	125.69 -17.19 1.39	133.80 -16.92 0.00	65.12 -8.10 0.00
OXBOW___BTM 323836	71.94 -9.26 0.00	67.95 -8.69 0.00	91.80 -13.37 0.73	97.72 -14.24 0.00	111.40 -16.37 0.00	129.12 -18.53 0.00	105.60 -14.62 0.00	127.63 -18.86 0.00	131.43 -19.13 0.00	133.86 -18.88 0.00	101.54 -14.66 0.00	89.50 -13.61 0.00	84.29 -13.31 0.00	89.62 -13.11 0.81	77.66 -11.25 0.00	89.96 -15.31 3.48	74.37 -13.58 8.54	62.78 -14.50 20.45	112.83 -16.80 0.10	87.95 -14.82 2.53	99.31 -17.88 11.00	123.83 -19.06 1.37	132.00 -18.73 0.00	64.25 -8.97 0.00
OXBOW____ 24026	71.88 -9.32 0.00	67.92 -8.73 0.00	91.78 -13.39 0.73	97.71 -14.25 0.00	111.35 -16.41 0.00	129.00 -18.65 0.00	105.59 -14.64 0.00	127.64 -18.84 0.00	131.42 -19.14 0.00	133.84 -18.90 0.00	101.54 -14.66 0.00	89.47 -13.65 0.00	84.26 -13.34 0.00	89.61 -13.12 0.81	77.66 -11.25 0.00	89.94 -15.33 3.48	74.39 -13.56 8.54	62.74 -14.54 20.45	112.82 -16.80 0.10	88.00 -14.77 2.53	99.26 -17.93 11.00	123.82 -19.08 1.37	131.97 -18.75 0.00	64.26 -8.96 0.00
OXY_CHEM_DSASP 323612	71.26 -9.93 0.00	67.33 -9.32 0.00	90.98 -14.20 0.72	96.85 -15.12 0.00	110.34 -17.42 0.00	127.83 -19.83 0.00	104.51 -15.72 0.00	126.25 -20.24 0.00	130.00 -20.56 0.00	132.45 -20.28 0.00	100.47 -15.73 0.00	88.58 -14.54 0.00	83.41 -14.19 0.00	88.60 -14.13 0.82	76.81 -12.10 0.00	88.97 -16.33 3.44	73.58 -14.47 8.45	61.90 -15.48 20.36	111.47 -18.15 0.10	86.97 -15.82 2.51	98.13 -19.11 10.95	122.48 -20.43 1.36	130.70 -20.02 0.00	63.67 -9.54 0.00
OZONE_PARK_ESR 323760	107.74 5.67 -20.88	101.93 5.14 -20.14	126.17 6.25 -14.02	124.73 5.29 -7.48	145.04 6.01 -11.26	167.68 6.69 -13.33	134.52 6.45 -7.84	158.27 9.09 -2.69	161.53 10.25 -0.72	163.12 10.39 0.00	126.38 9.27 -0.92	112.70 8.35 -1.23	105.79 8.19 0.00	113.52 9.14 -0.84	110.51 7.22 -14.39	116.88 8.14 0.00	104.01 7.52 0.00	105.17 7.44 0.00	139.18 9.46 0.00	113.26 8.97 0.00	137.17 9.55 0.00	153.82 9.02 0.00	159.75 9.02 0.00	77.74 4.53 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	71.26 -9.93 0.00	67.33 -9.32 0.00	90.98 -14.20 0.72	96.85 -15.12 0.00	110.34 -17.42 0.00	127.83 -19.83 0.00	104.51 -15.72 0.00	126.25 -20.24 0.00	130.00 -20.56 0.00	132.45 -20.28 0.00	100.47 -15.73 0.00	88.58 -14.54 0.00	83.41 -14.19 0.00	88.60 -14.13 0.82	76.81 -12.10 0.00	88.97 -16.33 3.44	73.58 -14.47 8.45	61.90 -15.48 20.36	111.47 -18.15 0.10	86.97 -15.82 2.51	98.13 -19.11 10.95	122.48 -20.43 1.36	130.70 -20.02 0.00	63.67 -9.54 0.00
PACKARD__115KV_DUPONT_184 80571	71.26 -9.93 0.00	67.33 -9.32 0.00	90.98 -14.20 0.72	96.85 -15.12 0.00	110.34 -17.42 0.00	127.83 -19.83 0.00	104.51 -15.72 0.00	126.25 -20.24 0.00	130.00 -20.56 0.00	132.45 -20.28 0.00	100.47 -15.73 0.00	88.58 -14.54 0.00	83.41 -14.19 0.00	88.60 -14.13 0.82	76.81 -12.10 0.00	88.97 -16.33 3.44	73.58 -14.47 8.45	61.90 -15.48 20.36	111.47 -18.15 0.10	86.97 -15.82 2.51	98.13 -19.11 10.95	122.48 -20.43 1.36	130.70 -20.02 0.00	63.67 -9.54 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	107.09 5.02 -20.88	101.41 4.62 -20.15	125.39 5.46 -14.03	124.01 4.56 -7.48	144.11 5.09 -11.26	166.51 5.52 -13.33	133.53 5.47 -7.84	157.06 7.88 -2.69	160.07 8.79 -0.72	161.65 8.91 0.00	125.19 8.07 -0.92	111.60 7.25 -1.23	104.78 7.17 0.00	112.35 7.96 -0.84	109.39 6.09 -14.39	115.66 6.91 0.00	102.88 6.39 0.00	104.06 6.33 0.00	137.67 7.95 0.00	112.02 6.72 0.00	135.85 7.66 0.00	152.24 7.97 0.00	158.30 7.57 0.00	77.06 3.84 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	107.64 5.57 -20.88	101.80 5.00 -20.15	125.92 5.99 -14.03	125.07 5.63 -7.48	145.38 6.36 -11.26	167.83 6.85 -13.33	134.55 6.48 -7.84	158.28 9.10 -2.69	161.21 9.93 -0.72	162.68 9.94 0.00	126.05 8.93 -0.92	112.55 8.20 -1.23	105.53 7.93 0.00	113.16 8.78 -0.84	110.01 6.71 -14.39	116.41 7.66 0.00	103.58 7.09 0.00	104.84 7.10 0.00	138.61 8.88 0.00	112.69 7.39 0.00	136.64 8.45 0.00	153.10 8.82 0.00	159.29 8.57 0.00	77.60 4.38 0.00
PATROON__115KV_TB1 80586	226.95 3.55 -142.21	217.11 3.24 -137.22	206.01 4.47 -95.63	168.29 4.13 -52.20	210.95 4.56 -78.63	245.25 4.54 -93.06	178.34 3.38 -54.73	167.97 3.50 -17.98	158.58 3.22 -4.79	156.07 3.33 0.00	125.66 3.35 -6.12	114.42 3.10 -8.20	100.97 3.37 0.00	112.45 3.34 -5.57	174.17 2.71 -82.54	112.09 3.34 0.00	99.57 3.08 0.00	100.83 3.09 0.00	133.48 3.75 0.00	108.74 3.44 0.00	132.57 4.37 0.00	149.12 4.85 0.00	155.42 4.69 0.00	76.27 3.06 0.00
PATTRSNVILLE__SOLAR 323815	319.37 3.71 -234.47	306.46 3.56 -226.26	268.20 4.61 -157.70	202.51 4.40 -86.13	262.61 5.11 -129.74	306.97 5.77 -153.55	215.79 5.26 -90.31	182.63 6.39 -29.75	164.61 6.12 -7.93	158.65 5.91 0.00	131.03 4.71 -10.12	120.71 4.03 -13.56	101.31 3.70 0.00	116.98 4.21 -9.21	261.23 3.34 -168.98	113.33 4.59 0.00	100.94 4.45 0.00	102.40 4.67 0.00	135.81 6.08 0.00	110.25 4.95 0.00	134.00 5.81 0.00	150.70 6.43 0.00	157.02 6.29 0.00	76.27 3.06 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	75.70 -5.49 0.00	71.52 -5.13 0.00	96.75 -8.31 0.84	102.88 -9.09 0.00	117.49 -10.27 0.00	135.94 -11.71 0.00	111.19 -9.04 0.00	134.82 -11.67 0.00	138.74 -11.82 0.00	141.10 -11.64 0.00	107.14 -9.06 0.00	94.53 -8.59 0.00	89.25 -8.35 0.00	94.96 -7.82 0.76	82.24 -6.67 0.00	95.12 -9.62 4.00	78.27 -8.40 9.82	66.63 -9.04 22.07	120.10 -9.51 0.11	93.78 -8.78 2.74	105.76 -10.86 11.57	131.61 -11.08 1.58	139.95 -10.78 0.00	68.11 -5.11 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	108.31 5.52 -21.59	102.50 5.02 -20.84	126.51 6.11 -14.50	124.97 5.29 -7.71	145.42 6.04 -11.61	168.23 6.83 -13.75	134.77 6.45 -8.09	158.07 8.80 -2.78	161.11 9.81 -0.74	162.61 9.88 0.00	125.82 8.67 -0.95	112.20 7.80 -1.27	105.19 7.59 0.00	112.83 8.42 -0.87	110.33 6.57 -14.85	116.26 7.52 0.00	103.51 7.02 0.00	104.86 7.12 0.00	138.98 9.26 0.00	113.03 7.73 0.00	137.03 8.84 0.00	153.67 9.40 0.00	159.66 8.94 0.00	77.65 4.43 0.00
PEEKSKILL____ 23653	105.68 4.09 -20.40	100.03 3.70 -19.68	123.99 4.38 -13.71	122.82 3.45 -7.40	142.77 3.87 -11.14	165.06 4.22 -13.19	132.22 4.23 -7.76	155.20 6.05 -2.66	158.18 6.92 -0.71	159.73 7.00 0.00	123.57 6.47 -0.91	110.22 5.88 -1.21	103.43 5.82 0.00	110.97 6.60 -0.83	108.24 5.10 -14.23	114.40 5.65 0.00	101.75 5.26 0.00	102.94 5.20 0.00	136.37 6.65 0.00	110.96 5.66 0.00	134.52 6.33 0.00	150.95 6.68 0.00	157.05 6.32 0.00	76.45 3.24 0.00

PGE MADISON___WINDPWR 24146	103.12 7.94 -14.00	97.61 7.46 -13.51	126.30 9.71 -10.68	126.70 9.55 -5.18	147.08 11.53 -7.79	170.80 13.93 -9.22	138.26 12.61 -5.42	164.35 16.06 -1.79	166.97 15.94 -0.48	168.50 15.77 0.00	128.31 11.50 -0.61	112.92 8.98 -0.82	105.46 7.86 0.00	111.89 8.10 -0.25	106.01 7.55 -9.55	124.51 9.71 -6.06	119.66 8.29 -14.88	126.04 7.61 -20.70	139.48 9.58 -0.17	113.47 5.49 -2.68	142.59 6.33 -8.07	152.75 6.09 -2.39	153.75 3.02 0.00	74.52 1.30 0.00
PIERCEFIELD___HYD 23852	81.94 0.74 0.00	77.35 0.71 0.00	107.56 1.66 0.00	116.05 4.09 0.00	132.31 4.55 0.00	153.64 5.99 0.00	124.05 3.82 0.00	150.68 4.19 0.00	153.31 2.75 0.00	156.01 3.27 0.00	118.18 1.98 0.00	104.90 1.78 0.00	98.88 1.28 0.00	104.30 0.75 0.00	90.02 1.11 0.00	109.72 0.97 0.00	97.12 0.63 0.00	98.48 0.75 0.00	130.03 0.31 0.00	104.99 -0.31 0.00	128.54 0.35 0.00	145.75 1.48 0.00	154.95 4.23 0.00	74.47 1.25 0.00
PINELAWN_CC_1 323563	108.34 6.29 -20.86	102.63 5.86 -20.13	127.06 7.15 -14.01	125.71 6.27 -7.47	145.88 6.86 -11.26	168.45 7.47 -13.33	135.41 7.34 -7.84	158.91 9.72 -2.69	162.31 11.03 -0.72	164.54 11.22 -0.58	146.99 10.08 -20.70	167.79 9.41 -55.27	146.61 9.21 -39.79	145.57 10.22 -31.80	122.80 8.09 -25.80	129.49 9.26 -11.48	104.60 8.11 0.00	105.80 8.06 0.00	140.24 10.52 0.00	114.19 8.89 0.00	148.99 10.32 -10.49	154.99 10.71 0.00	161.16 10.43 0.00	78.32 5.10 0.00
PJM_GEN_HTP_PROXY 323702	106.82 4.76 -20.87	101.09 4.30 -20.14	125.06 5.14 -14.02	123.63 4.19 -7.48	143.76 4.73 -11.26	166.12 5.14 -13.33	132.84 5.06 -7.55	156.41 7.23 -2.69	159.55 8.27 -0.72	161.18 8.44 0.00	115.82 7.73 8.11	111.36 7.01 -1.23	104.52 6.92 0.00	112.17 7.79 -0.84	109.36 6.06 -14.39	133.63 6.76 -18.12	102.74 6.25 0.00	103.89 6.15 0.00	137.51 7.78 0.00	111.88 6.57 0.00	135.52 7.33 0.00	152.00 7.73 0.00	158.00 7.28 0.00	78.33 3.72 -1.39
PJM_GEN_KEystone 24065	93.05 -1.23 -13.09	88.00 -1.27 -12.63	111.72 -2.52 -8.35	74.53 -3.61 33.82	71.43 -4.00 52.33	98.79 -4.87 43.98	121.71 -3.31 -4.79	144.34 -3.88 -1.73	142.16 -3.57 4.83	102.37 -3.54 46.83	78.12 -2.06 36.02	62.31 -2.08 38.73	63.39 -1.72 32.49	102.50 -1.24 -0.19	96.82 -1.34 -9.25	95.03 -2.46 11.26	28.04 -2.21 66.24	52.03 -2.54 43.16	121.17 -2.63 5.93	99.39 -2.24 3.67	119.20 -3.15 5.84	95.52 -3.34 45.41	77.06 -3.60 70.06	20.69 -1.59 50.94
PJM_GEN_NEPTUNE_PROXY 323594	107.19 5.14 -20.86	101.58 4.80 -20.13	125.60 5.69 -14.01	124.22 4.78 -7.47	144.25 5.23 -11.26	166.52 5.54 -13.33	133.36 5.59 -7.55	156.73 7.55 -2.69	160.10 8.82 -0.72	161.62 8.89 0.00	124.92 8.27 -0.46	140.60 7.67 -29.81	126.24 7.58 -21.06	129.26 8.46 -17.25	115.94 6.59 -20.44	140.39 7.43 -24.22	103.06 6.57 0.00	104.23 6.50 0.00	138.06 8.33 0.00	112.45 7.15 0.00	140.82 8.27 -4.36	152.80 8.53 0.00	158.94 8.22 0.00	78.71 4.11 -1.39
PJM_GEN_VFT_PROXY 323633	106.49 4.42 -20.88	100.80 4.01 -20.14	124.75 4.83 -14.02	123.24 3.80 -7.48	143.26 4.24 -11.26	165.53 4.55 -13.33	132.37 4.59 -7.55	155.86 6.68 -2.69	158.91 7.63 -0.72	160.52 7.78 0.00	115.31 7.22 8.11	110.85 6.51 -1.23	104.01 6.41 0.00	111.64 7.26 -0.84	108.95 5.66 -14.38	133.10 6.27 -18.08	102.27 5.78 0.00	103.36 5.63 0.00	136.80 7.08 0.00	111.30 6.00 0.00	134.86 6.67 0.00	151.26 6.99 0.00	157.20 6.47 0.00	77.97 3.37 -1.39
PLATSBURG_115KV_PMLD1 355749	82.93 1.74 0.00	78.23 1.58 0.00	108.74 2.84 0.00	116.45 4.49 0.00	132.65 4.89 0.00	152.64 4.98 0.00	123.45 3.22 0.00	150.06 3.57 0.00	154.11 3.55 0.00	156.61 3.87 0.00	118.31 2.11 0.00	105.04 1.92 0.00	98.90 1.30 0.00	104.55 1.00 0.00	89.68 0.77 0.00	110.43 1.69 0.00	97.98 1.49 0.00	98.75 1.02 0.00	130.44 0.71 0.00	105.00 -0.30 0.00	128.30 0.11 0.00	145.58 1.31 0.00	153.70 2.97 0.00	74.04 0.82 0.00
PLEASANTVLY___LBMP 24000	107.74 4.23 -22.32	102.03 3.85 -21.54	125.44 4.55 -14.98	123.47 3.62 -7.88	143.73 4.10 -11.87	166.05 4.35 -14.05	132.64 4.15 -8.27	155.21 5.87 -2.85	158.08 6.76 -0.76	159.51 6.77 0.00	123.41 6.25 -0.97	110.15 5.73 -1.30	103.30 5.70 0.00	110.81 6.38 -0.88	108.95 4.83 -15.21	114.09 5.34 0.00	101.56 5.07 0.00	102.81 5.08 0.00	136.13 6.40 0.00	110.82 5.52 0.00	134.47 6.28 0.00	150.95 6.68 0.00	157.03 6.31 0.00	76.49 3.28 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	107.16 4.69 -21.27	101.47 4.29 -20.53	125.34 5.15 -14.28	123.67 4.18 -7.52	143.83 4.74 -11.33	166.17 5.10 -13.41	133.03 4.92 -7.89	156.16 6.96 -2.71	159.23 7.94 -0.72	160.71 7.97 0.00	124.38 7.26 -0.92	110.95 6.60 -1.24	104.10 6.50 0.00	111.71 7.32 -0.84	109.04 5.66 -14.48	115.06 6.32 0.00	102.35 5.86 0.00	103.55 5.82 0.00	137.17 7.44 0.00	111.64 6.34 0.00	135.30 7.11 0.00	151.85 7.59 0.00	157.89 7.17 0.00	76.84 3.63 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	107.16 4.69 -21.27	101.47 4.29 -20.53	125.34 5.15 -14.28	123.67 4.18 -7.52	143.83 4.74 -11.33	166.17 5.10 -13.41	133.03 4.92 -7.89	156.16 6.96 -2.71	159.23 7.94 -0.72	160.71 7.97 0.00	124.38 7.26 -0.92	110.95 6.60 -1.24	104.10 6.50 0.00	111.71 7.32 -0.84	109.04 5.66 -14.48	115.06 6.32 0.00	102.35 5.86 0.00	103.55 5.82 0.00	137.17 7.44 0.00	111.64 6.34 0.00	135.30 7.11 0.00	151.85 7.59 0.00	157.89 7.17 0.00	76.84 3.63 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	109.40 4.88 -23.33	103.58 4.42 -22.51	126.93 5.35 -15.67	124.99 4.61 -8.41	145.69 5.26 -12.67	168.49 5.85 -14.99	134.53 5.49 -8.82	157.16 7.58 -3.09	159.94 8.56 -0.82	161.28 8.55 0.00	124.85 7.60 -1.05	111.33 6.80 -1.41	104.30 6.70 0.00	111.93 7.43 -0.96	111.15 5.76 -16.48	115.26 6.51 0.00	102.67 6.18 0.00	104.06 6.32 0.00	137.93 8.21 0.00	112.19 6.89 0.00	136.07 7.88 0.00	152.67 8.40 0.00	158.73 8.01 0.00	77.24 4.03 0.00
POLETTI_____ 23519	106.77 4.70 -20.88	101.02 4.23 -20.14	124.97 5.05 -14.02	123.49 4.05 -7.48	143.59 4.57 -11.26	165.94 4.96 -13.33	133.00 4.93 -7.84	156.32 7.13 -2.69	159.47 8.20 -0.72	161.09 8.35 0.00	124.88 7.77 -0.92	111.37 7.03 -1.23	104.58 6.98 0.00	112.19 7.81 -0.84	109.34 6.04 -14.39	115.51 6.77 0.00	102.70 6.21 0.00	103.76 6.03 0.00	137.18 7.46 0.00	111.61 6.31 0.00	135.17 6.98 0.00	151.58 7.32 0.00	157.54 6.81 0.00	76.72 3.51 0.00
POMONA___ESR 323819	104.27 3.70 -19.38	98.69 3.35 -18.69	122.84 3.91 -13.04	122.16 3.00 -7.19	141.94 3.36 -10.82	164.15 3.68 -12.81	131.58 3.82 -7.54	154.52 5.45 -2.58	157.52 6.28 -0.69	159.08 6.34 0.00	123.00 5.92 -0.88	109.67 5.38 -1.18	102.94 5.33 0.00	110.45 6.10 -0.80	107.42 4.71 -13.81	113.95 5.20 0.00	101.34 4.85 0.00	102.49 4.75 0.00	135.82 6.09 0.00	110.51 5.20 0.00	133.99 5.80 0.00	150.34 6.07 0.00	156.47 5.75 0.00	76.17 2.96 0.00
PORT_JEFF_3 23555	109.11 7.06 -20.86	103.34 6.56 -20.13	127.89 7.97 -14.01	126.38 6.94 -7.47	146.50 7.48 -11.26	168.99 8.00 -13.33	136.07 8.00 -7.84	159.87 10.69 -2.69	162.91 11.64 -0.72	178.08 11.92 -13.42	227.52 10.72 -100.60	168.30 9.91 -55.27	147.23 9.83 -39.79	146.11 10.77 -31.80	123.24 8.53 -25.80	130.06 9.84 -11.48	104.98 8.49 0.00	105.96 8.23 0.00	140.56 10.84 0.00	114.76 9.44 -0.01	200.37 10.94 -61.24	155.89 11.60 -0.01	162.07 11.34 0.00	78.69 5.48 0.00

PORT_JEFF_4 23616	109.11 7.06 -20.86	103.34 6.56 -20.13	127.89 7.97 -14.01	126.38 6.94 -7.47	146.50 7.48 -11.26	168.99 8.00 -13.33	136.07 8.00 -7.84	159.87 10.69 -2.69	162.91 11.64 -0.72	178.08 11.92 -13.42	227.52 10.72 -100.60	168.30 9.91 -55.27	147.23 9.83 -39.79	146.11 10.77 -31.80	123.24 8.53 -25.80	130.06 9.84 -11.48	104.98 8.49 0.00	105.96 8.23 0.00	140.56 10.84 0.00	114.76 9.44 -0.01	200.37 10.94 -61.24	155.89 11.60 -0.01	162.07 11.34 0.00	78.69 5.48 0.00
PORT_JEFF_IC 23713	109.16 7.11 -20.86	103.38 6.60 -20.13	127.94 8.03 -14.01	126.48 7.04 -7.47	146.64 7.63 -11.26	169.10 8.12 -13.33	136.18 8.11 -7.84	159.96 10.77 -2.69	162.78 11.51 -0.72	178.64 11.86 -14.04	231.52 10.85 -104.47	168.38 10.00 -55.27	147.30 9.91 -39.79	146.22 10.87 -31.80	123.33 8.61 -25.80	130.18 9.95 -11.48	105.07 8.57 0.00	105.91 8.18 0.00	140.48 10.76 0.00	114.85 9.54 -0.01	202.78 10.91 -63.68	156.07 11.79 -0.01	162.21 11.48 0.00	78.75 5.54 0.00
PPL PILGRIM_ST_GT1 24216	109.13 7.08 -20.86	103.41 6.63 -20.13	128.12 8.21 -14.01	126.73 7.29 -7.47	146.87 7.86 -11.26	169.73 8.75 -13.33	136.46 8.40 -7.84	159.70 10.52 -2.69	163.00 11.72 -0.72	165.62 11.54 -1.34	152.10 10.48 -25.43	168.74 10.36 -55.27	147.50 10.11 -39.79	146.49 11.14 -31.80	123.58 8.86 -25.80	130.51 10.29 -11.48	105.39 8.90 0.00	106.47 8.73 0.00	141.33 11.60 0.00	115.13 9.83 0.00	153.18 11.51 -13.48	156.10 11.82 0.00	162.60 11.87 0.00	79.00 5.79 0.00
PPL PILGRIM_ST_GT2 24217	109.13 7.08 -20.86	103.41 6.63 -20.13	128.12 8.21 -14.01	126.73 7.29 -7.47	146.87 7.86 -11.26	169.73 8.75 -13.33	136.46 8.40 -7.84	159.70 10.52 -2.69	163.00 11.72 -0.72	165.62 11.54 -1.34	152.10 10.48 -25.43	168.74 10.36 -55.27	147.50 10.11 -39.79	146.49 11.14 -31.80	123.58 8.86 -25.80	130.51 10.29 -11.48	105.39 8.90 0.00	106.47 8.73 0.00	141.33 11.60 0.00	115.13 9.83 0.00	153.18 11.51 -13.48	156.10 11.82 0.00	162.60 11.87 0.00	79.00 5.79 0.00
PPL_SHRM_GT3 24213	109.66 7.61 -20.86	103.80 7.02 -20.13	128.49 8.58 -14.01	127.07 7.63 -7.47	147.24 8.22 -11.26	169.55 8.57 -13.33	136.68 8.61 -7.84	160.64 11.46 -2.69	163.84 12.56 -0.72	178.85 12.91 -13.20	226.39 10.94 -99.26	168.26 9.87 -55.27	147.32 9.93 -39.79	146.18 10.83 -31.80	123.27 8.56 -25.80	130.19 9.97 -11.48	105.00 8.51 0.00	106.13 8.39 0.00	140.70 10.98 0.00	114.74 9.43 -0.01	200.07 11.49 -60.39	156.31 12.02 -0.01	162.37 11.64 0.00	78.78 5.56 0.00
PPL_SHRM_GT4 24214	109.66 7.61 -20.86	103.80 7.02 -20.13	128.49 8.58 -14.01	127.07 7.63 -7.47	147.24 8.22 -11.26	169.55 8.57 -13.33	136.68 8.61 -7.84	160.64 11.46 -2.69	163.84 12.56 -0.72	178.85 12.91 -13.20	226.39 10.94 -99.26	168.26 9.87 -55.27	147.32 9.93 -39.79	146.18 10.83 -31.80	123.27 8.56 -25.80	130.19 9.97 -11.48	105.00 8.51 0.00	106.13 8.39 0.00	140.70 10.98 0.00	114.74 9.43 -0.01	200.07 11.49 -60.39	156.31 12.02 -0.01	162.37 11.64 0.00	78.78 5.56 0.00
PROJECT___ORANGE 1 24174	78.82 -2.37 0.00	74.37 -2.28 0.00	102.35 -3.55 0.00	107.82 -4.14 0.00	123.19 -4.57 0.00	142.53 -5.12 0.00	116.69 -3.53 0.00	142.23 -4.26 0.00	146.26 -4.29 0.00	148.28 -4.46 0.00	112.76 -3.44 0.00	99.78 -3.34 0.00	94.40 -3.21 0.00	100.03 -3.00 0.52	86.38 -2.53 0.00	105.37 -3.37 0.00	93.63 -2.86 0.00	90.31 -2.90 4.52	126.41 -3.32 0.00	101.80 -2.98 0.52	120.96 -3.89 3.34	139.76 -4.51 0.00	145.57 -5.16 0.00	70.70 -2.52 0.00
PROJECT___ORANGE 2 24166	78.82 -2.37 0.00	74.37 -2.28 0.00	102.35 -3.55 0.00	107.82 -4.14 0.00	123.19 -4.57 0.00	142.53 -5.12 0.00	116.69 -3.53 0.00	142.23 -4.26 0.00	146.26 -4.29 0.00	148.28 -4.46 0.00	112.76 -3.44 0.00	99.78 -3.34 0.00	94.40 -3.21 0.00	100.03 -3.00 0.52	86.38 -2.53 0.00	105.37 -3.37 0.00	93.63 -2.86 0.00	90.31 -2.90 4.52	126.41 -3.32 0.00	101.80 -2.98 0.52	120.96 -3.89 3.34	139.76 -4.51 0.00	145.57 -5.16 0.00	70.70 -2.52 0.00
PUCKETT___SOLAR 323809	94.19 1.17 -11.83	89.09 1.02 -11.42	114.83 0.97 -7.96	116.78 0.43 -4.38	135.22 0.86 -6.60	156.57 1.10 -7.81	126.43 1.60 -4.59	150.09 2.08 -1.52	153.14 2.18 -0.40	154.68 1.94 0.00	118.04 1.33 -0.52	104.19 0.38 -0.69	97.87 0.27 0.00	104.36 0.67 -0.15	97.69 0.69 -8.10	109.32 0.57 0.00	96.94 0.45 0.00	95.27 0.32 2.79	130.38 0.65 0.00	104.97 -0.01 0.32	125.71 -0.42 2.06	143.71 -0.56 0.00	149.26 -1.46 0.00	72.51 -0.71 0.00
PYRITES___HYD 24023	83.22 2.03 0.00	78.59 1.94 0.00	109.22 3.32 0.00	117.93 5.96 0.00	134.46 6.70 0.00	156.22 8.57 0.00	126.40 6.17 0.00	153.74 7.25 0.00	156.11 5.55 0.00	158.10 5.36 0.00	119.30 3.10 0.00	105.77 2.65 0.00	99.60 2.00 0.00	105.22 1.67 0.00	90.80 1.88 0.00	111.03 2.28 0.00	98.69 2.20 0.00	100.39 2.66 0.00	132.69 2.97 0.00	107.23 1.93 0.00	131.50 3.31 0.00	148.85 4.58 0.00	158.14 7.42 0.00	75.97 2.75 0.00
QUAKERRD_115KV_BK1 80622	75.12 -6.07 0.00	70.94 -5.71 0.00	96.84 -8.63 0.43	102.61 -9.36 0.00	117.11 -10.66 0.00	135.70 -11.95 0.00	111.22 -9.00 0.00	135.22 -11.27 0.00	139.05 -11.50 0.00	141.06 -11.67 0.00	107.15 -9.04 0.00	94.66 -8.46 0.00	89.37 -8.23 0.00	94.67 -8.01 0.87	82.16 -6.75 0.00	97.63 -9.06 2.06	83.41 -8.03 5.06	73.90 -8.38 15.45	119.92 -9.74 0.06	94.85 -8.57 1.88	108.56 -10.66 8.97	131.69 -11.76 0.81	138.60 -12.12 0.00	67.28 -5.94 0.00
QUEENSBRY_115KV_TB8 356137	308.46 7.33 -219.94	296.22 7.34 -212.23	263.47 9.64 -147.92	202.28 9.53 -80.79	260.81 11.37 -121.68	304.66 13.00 -144.01	216.53 11.61 -84.70	188.57 14.02 -28.06	172.02 13.98 -7.48	167.55 14.81 0.00	137.47 11.73 -9.55	125.77 9.85 -12.79	106.68 9.08 0.00	122.37 10.13 -8.69	288.58 7.88 -191.79	118.77 10.03 0.00	106.35 9.86 0.00	108.23 10.49 0.00	143.65 13.92 0.00	116.65 11.35 0.00	141.72 13.53 0.00	159.23 14.96 0.00	165.28 14.56 0.00	80.46 7.25 0.00
RAMAPO___LBMP 323565	103.83 3.41 -19.22	98.30 3.11 -18.55	122.45 3.62 -12.94	121.86 2.73 -7.16	141.63 3.09 -10.78	163.76 3.34 -12.76	131.22 3.49 -7.51	154.09 5.03 -2.57	157.08 5.83 -0.69	158.59 5.86 0.00	122.62 5.55 -0.87	109.30 5.01 -1.17	102.57 4.97 0.00	110.05 5.71 -0.80	107.04 4.38 -13.75	113.57 4.83 0.00	101.00 4.51 0.00	102.17 4.43 0.00	135.36 5.64 0.00	110.14 4.84 0.00	133.56 5.37 0.00	149.87 5.60 0.00	155.99 5.27 0.00	75.95 2.74 0.00
RANKINE____ 23646	74.56 -6.63 0.00	70.42 -6.23 0.00	95.19 -9.89 0.82	101.38 -10.59 0.00	115.71 -12.06 0.00	133.97 -13.69 0.00	109.77 -10.46 0.00	133.02 -13.47 0.00	136.80 -13.76 0.00	139.12 -13.62 0.00	105.52 -10.67 0.00	92.87 -10.24 0.00	87.66 -9.95 0.00	93.38 -9.39 0.78	80.84 -8.08 0.00	93.30 -11.51 3.93	76.60 -10.24 9.64	64.67 -11.16 21.90	117.43 -12.19 0.11	91.56 -11.02 2.72	103.08 -13.59 11.53	128.50 -14.22 1.55	136.78 -13.94 0.00	66.63 -6.59 0.00
RAVENSWOOD_GT2_1 24244	106.90 4.83 -20.88	101.21 4.42 -20.15	125.22 5.29 -14.03	123.80 4.36 -7.48	143.91 4.88 -11.26	166.29 5.31 -13.33	133.26 5.19 -7.84	156.61 7.43 -2.69	159.76 8.49 -0.72	161.39 8.65 0.00	124.99 7.87 -0.92	111.48 7.14 -1.23	104.67 7.06 0.00	112.32 7.94 -0.84	109.46 6.16 -14.39	115.65 6.90 0.00	102.85 6.36 0.00	104.00 6.26 0.00	137.64 7.92 0.00	111.99 6.69 0.00	135.66 7.46 0.00	152.16 7.89 0.00	158.14 7.41 0.00	77.01 3.80 0.00

RAVENSWOOD_GT2_2 24245	106.90 4.83 -20.88	101.21 4.42 -20.15	125.22 5.29 -14.03	123.80 4.36 -7.48	143.91 4.88 -11.26	166.29 5.31 -13.33	133.26 5.19 -7.84	156.61 7.43 -2.69	159.76 8.49 -0.72	161.39 8.65 0.00	124.99 7.87 -0.92	111.48 7.14 -1.23	104.67 7.06 0.00	112.32 7.94 -0.84	109.46 6.16 -14.39	115.65 6.90 0.00	102.85 6.36 0.00	104.00 6.26 0.00	137.64 7.92 0.00	111.99 6.69 0.00	135.66 7.46 0.00	152.16 7.89 0.00	158.14 7.41 0.00	77.01 3.80 0.00
RAVENSWOOD_GT2_3 24246	106.96 4.89 -20.88	101.25 4.45 -20.15	125.28 5.36 -14.03	123.84 4.40 -7.48	143.99 4.97 -11.26	166.37 5.38 -13.33	133.31 5.24 -7.84	156.69 7.51 -2.69	159.85 8.57 -0.72	161.44 8.70 0.00	125.08 7.97 -0.92	111.54 7.19 -1.23	104.72 7.11 0.00	112.37 7.99 -0.84	109.51 6.21 -14.39	115.68 6.94 0.00	102.89 6.40 0.00	104.06 6.32 0.00	137.70 7.98 0.00	112.04 6.74 0.00	135.78 7.58 0.00	152.28 8.01 0.00	158.28 7.55 0.00	77.06 3.85 0.00
RAVENSWOOD_GT2_4 24247	106.96 4.89 -20.88	101.25 4.45 -20.15	125.28 5.36 -14.03	123.84 4.40 -7.48	143.99 4.97 -11.26	166.37 5.38 -13.33	133.31 5.24 -7.84	156.69 7.51 -2.69	159.85 8.57 -0.72	161.44 8.70 0.00	125.08 7.97 -0.92	111.54 7.19 -1.23	104.72 7.11 0.00	112.37 7.99 -0.84	109.51 6.21 -14.39	115.68 6.94 0.00	102.89 6.40 0.00	104.06 6.32 0.00	137.70 7.98 0.00	112.04 6.74 0.00	135.78 7.58 0.00	152.28 8.01 0.00	158.28 7.55 0.00	77.06 3.85 0.00
RAVENSWOOD_GT3_1 24248	106.91 4.84 -20.88	101.21 4.42 -20.15	125.22 5.29 -14.03	123.80 4.36 -7.48	143.92 4.90 -11.26	166.29 5.31 -13.33	133.28 5.21 -7.84	156.61 7.43 -2.69	159.76 8.49 -0.72	161.39 8.65 0.00	125.00 7.88 -0.92	111.48 7.14 -1.23	104.67 7.06 0.00	112.33 7.94 -0.84	109.47 6.17 -14.39	115.65 6.90 0.00	102.85 6.36 0.00	104.00 6.26 0.00	137.65 7.93 0.00	111.99 6.69 0.00	135.66 7.46 0.00	152.16 7.89 0.00	158.14 7.41 0.00	77.01 3.80 0.00
RAVENSWOOD_GT3_2 24249	106.91 4.84 -20.88	101.21 4.42 -20.15	125.22 5.29 -14.03	123.80 4.36 -7.48	143.92 4.90 -11.26	166.29 5.31 -13.33	133.28 5.21 -7.84	156.61 7.43 -2.69	159.76 8.49 -0.72	161.39 8.65 0.00	125.00 7.88 -0.92	111.48 7.14 -1.23	104.67 7.06 0.00	112.33 7.94 -0.84	109.47 6.17 -14.39	115.65 6.90 0.00	102.85 6.36 0.00	104.00 6.26 0.00	137.65 7.93 0.00	111.99 6.69 0.00	135.66 7.46 0.00	152.16 7.89 0.00	158.14 7.41 0.00	77.01 3.80 0.00
RAVENSWOOD_GT3_3 24250	107.04 4.96 -20.88	101.32 4.52 -20.15	125.38 5.46 -14.03	123.93 4.49 -7.48	144.11 5.09 -11.26	166.51 5.52 -13.33	133.44 5.37 -7.84	156.85 7.67 -2.69	160.02 8.74 -0.72	161.63 8.89 0.00	125.22 8.11 -0.92	111.67 7.33 -1.23	104.82 7.22 0.00	112.51 8.12 -0.84	109.62 6.32 -14.39	115.83 7.08 0.00	103.03 6.54 0.00	104.19 6.46 0.00	137.85 8.13 0.00	112.16 6.86 0.00	135.90 7.71 0.00	152.44 8.17 0.00	158.41 7.68 0.00	77.14 3.92 0.00
RAVENSWOOD_GT3_4 24251	107.04 4.96 -20.88	101.32 4.52 -20.15	125.38 5.46 -14.03	123.93 4.49 -7.48	144.11 5.09 -11.26	166.51 5.52 -13.33	133.44 5.37 -7.84	156.85 7.67 -2.69	160.02 8.74 -0.72	161.63 8.89 0.00	125.22 8.11 -0.92	111.67 7.33 -1.23	104.82 7.22 0.00	112.51 8.12 -0.84	109.62 6.32 -14.39	115.83 7.08 0.00	103.03 6.54 0.00	104.19 6.46 0.00	137.85 8.13 0.00	112.16 6.86 0.00	135.90 7.71 0.00	152.44 8.17 0.00	158.41 7.68 0.00	77.14 3.92 0.00
RAVENSWOOD_GT_1 23729	152.29 5.17 -65.93	124.71 4.70 -43.37	127.44 5.61 -15.92	124.14 4.70 -7.48	144.25 5.23 -11.26	186.00 5.69 -32.66	133.58 5.51 -7.84	157.09 7.90 -2.69	160.24 8.96 -0.72	161.95 9.20 -0.01	127.09 8.42 -2.48	123.97 7.61 -13.24	131.15 7.59 -25.95	145.80 8.54 -33.71	116.35 6.60 -20.84	116.70 7.35 -0.61	109.27 6.77 -6.01	126.68 6.66 -22.28	149.68 8.47 -11.48	145.51 7.12 -33.09	166.37 7.94 -30.23	153.01 8.47 -0.27	158.71 7.98 0.00	77.52 4.06 -0.25
RAVENSWOOD_GT_10 24258	112.48 4.83 -26.46	104.09 4.42 -23.03	125.46 5.30 -14.26	123.81 4.37 -7.48	143.93 4.90 -11.26	168.70 5.32 -15.73	133.28 5.21 -7.84	156.61 7.43 -2.69	159.76 8.49 -0.72	161.39 8.65 0.00	125.18 7.87 -1.11	112.98 7.14 -2.72	107.86 7.04 -3.21	116.13 7.94 -4.65	110.26 6.16 -15.19	115.70 6.88 -0.08	103.58 6.35 -0.74	106.76 6.26 -2.76	139.07 7.93 -1.42	116.09 6.69 -4.10	139.40 7.46 -3.75	152.19 7.89 -0.04	158.15 7.43 0.00	77.04 3.80 -0.03
RAVENSWOOD_GT_11 24259	112.48 4.83 -26.46	104.09 4.42 -23.03	125.46 5.30 -14.26	123.81 4.37 -7.48	143.93 4.90 -11.26	168.70 5.32 -15.73	133.28 5.21 -7.84	156.61 7.43 -2.69	159.76 8.49 -0.72	161.39 8.65 0.00	125.18 7.87 -1.11	112.98 7.14 -2.72	107.86 7.04 -3.21	116.13 7.94 -4.65	110.26 6.16 -15.19	115.70 6.88 -0.08	103.58 6.35 -0.74	106.76 6.26 -2.76	139.07 7.93 -1.42	116.09 6.69 -4.10	139.40 7.46 -3.75	152.19 7.89 -0.04	158.15 7.43 0.00	77.04 3.80 -0.03
RAVENSWOOD_GT_4 24252	140.48 4.80 -54.49	118.49 4.37 -37.47	126.61 5.27 -15.44	123.75 4.31 -7.48	143.90 4.88 -11.26	180.69 5.29 -27.75	133.25 5.18 -7.84	156.58 7.40 -2.69	159.72 8.44 -0.72	161.31 8.57 -0.01	126.13 7.85 -2.08	120.41 7.10 -10.19	123.97 7.00 -19.36	135.22 7.87 -23.80	114.24 6.13 -19.20	116.05 6.85 -0.46	107.30 6.32 -4.48	120.59 6.22 -16.63	146.14 7.85 -8.57	136.64 6.64 -24.69	158.21 7.46 -22.56	152.32 7.85 -0.20	158.12 7.39 0.00	77.18 3.78 -0.18
RAVENSWOOD_GT_5 24254	140.48 4.80 -54.49	118.49 4.37 -37.47	126.61 5.27 -15.44	123.75 4.31 -7.48	143.90 4.88 -11.26	180.69 5.29 -27.75	133.25 5.18 -7.84	156.58 7.40 -2.69	159.72 8.44 -0.72	161.31 8.57 -0.01	126.13 7.85 -2.08	120.41 7.10 -10.19	123.97 7.00 -19.36	135.22 7.87 -23.80	114.24 6.13 -19.20	116.05 6.85 -0.46	107.30 6.32 -4.48	120.59 6.22 -16.63	146.14 7.85 -8.57	136.64 6.64 -24.69	158.21 7.46 -22.56	152.32 7.85 -0.20	158.12 7.39 0.00	77.18 3.78 -0.18
RAVENSWOOD_GT_6 24253	140.48 4.80 -54.49	118.49 4.37 -37.47	126.61 5.27 -15.44	123.75 4.31 -7.48	143.90 4.88 -11.26	180.69 5.29 -27.75	133.25 5.18 -7.84	156.58 7.40 -2.69	159.72 8.44 -0.72	161.31 8.57 -0.01	126.13 7.85 -2.08	120.41 7.10 -10.19	123.97 7.00 -19.36	135.22 7.87 -23.80	114.24 6.13 -19.20	116.05 6.85 -0.46	107.30 6.32 -4.48	120.59 6.22 -16.63	146.14 7.85 -8.57	136.64 6.64 -24.69	158.21 7.46 -22.56	152.32 7.85 -0.20	158.12 7.39 0.00	77.18 3.78 -0.18
RAVENSWOOD_GT_7 24255	140.48 4.80 -54.49	118.49 4.37 -37.47	126.61 5.27 -15.44	123.75 4.31 -7.48	143.90 4.88 -11.26	180.69 5.29 -27.75	133.25 5.18 -7.84	156.58 7.40 -2.69	159.72 8.44 -0.72	161.31 8.57 -0.01	126.13 7.85 -2.08	120.41 7.10 -10.19	123.97 7.00 -19.36	135.22 7.87 -23.80	114.24 6.13 -19.20	116.05 6.85 -0.46	107.30 6.32 -4.48	120.59 6.22 -16.63	146.14 7.85 -8.57	136.64 6.64 -24.69	158.21 7.46 -22.56	152.32 7.85 -0.20	158.12 7.39 0.00	77.18 3.78 -0.18
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	112.48 4.83 -26.46	104.09 4.42 -23.03	125.46 5.30 -14.26	123.81 4.37 -7.48	143.93 4.90 -11.26	168.70 5.32 -15.73	133.28 5.21 -7.84	156.61 7.43 -2.69	159.76 8.49 -0.72	161.39 8.65 0.00	125.18 7.87 -1.11	112.98 7.14 -2.72	107.86 7.04 -3.21	116.13 7.94 -4.65	110.26 6.16 -15.19	115.70 6.88 -0.08	103.58 6.35 -0.74	106.76 6.26 -2.76	139.07 7.93 -1.42	116.09 6.69 -4.10	139.40 7.46 -3.75	152.19 7.89 -0.04	158.15 7.43 0.00	77.04 3.80 -0.03

RAVENSWOOD_GT_9 24257	112.48 4.83 -26.46	104.09 4.42 -23.03	125.46 5.30 -14.26	123.81 4.37 -7.48	143.93 4.90 -11.26	168.70 5.32 -15.73	133.28 5.21 -7.84	156.61 7.43 -2.69	159.76 8.49 -0.72	161.39 8.65 0.00	125.18 7.87 -1.11	112.98 7.14 -2.72	107.86 7.04 -3.21	116.13 7.94 -4.65	110.26 6.16 -15.19	115.70 6.88 -0.08	103.58 6.35 -0.74	106.76 6.26 -2.76	139.07 7.93 -1.42	116.09 6.69 -4.10	139.40 7.46 -3.75	152.19 7.89 -0.04	158.15 7.43 0.00	77.04 3.80 -0.03
RAVENSWOOD___1 23533	62.84 5.06 23.41	78.56 4.59 2.68	123.52 5.46 -12.16	123.94 4.50 -7.48	144.07 5.05 -11.26	147.46 5.48 5.67	133.39 5.32 -7.84	156.83 7.64 -2.69	160.01 8.73 -0.72	161.66 8.93 0.01	123.70 8.12 0.62	99.91 7.37 10.58	79.42 7.33 25.51	82.39 8.27 29.42	103.33 6.38 -8.05	115.27 7.13 0.60	97.17 6.59 5.91	82.32 6.50 21.91	126.67 8.24 11.29	79.69 6.93 32.53	106.21 7.75 29.73	152.19 8.19 0.27	158.45 7.72 0.00	76.90 3.93 0.24
RAVENSWOOD___2 23534	62.84 5.06 23.41	78.56 4.59 2.68	123.52 5.46 -12.16	123.94 4.50 -7.48	144.07 5.05 -11.26	147.46 5.48 5.67	133.39 5.32 -7.84	156.83 7.64 -2.69	160.01 8.73 -0.72	161.66 8.93 0.01	123.70 8.12 0.62	99.91 7.37 10.58	79.42 7.33 25.51	82.39 8.27 29.42	103.33 6.38 -8.05	115.27 7.13 0.60	97.17 6.59 5.91	82.32 6.50 21.91	126.67 8.24 11.29	79.69 6.93 32.53	106.21 7.75 29.73	152.19 8.19 0.27	158.45 7.72 0.00	76.90 3.93 0.24
RAVENSWOOD___3 23535	106.92 4.84 -20.88	101.22 4.42 -20.15	125.23 5.31 -14.03	123.81 4.37 -7.48	143.93 4.90 -11.26	166.29 5.30 -13.33	133.29 5.23 -7.84	156.61 7.42 -2.69	159.78 8.50 -0.72	161.40 8.66 0.00	125.01 7.89 -0.92	111.49 7.15 -1.23	104.69 7.09 0.00	112.32 7.94 -0.84	109.48 6.18 -14.39	115.67 6.92 0.00	102.84 6.35 0.00	104.00 6.27 0.00	137.65 7.93 0.00	112.00 6.70 0.00	135.68 7.49 0.00	152.17 7.90 0.00	158.15 7.43 0.00	77.01 3.80 0.00
RAVENSWOOD___4 23820	62.84 5.06 23.41	78.56 4.59 2.68	123.52 5.46 -12.16	123.94 4.50 -7.48	144.07 5.05 -11.26	147.46 5.48 5.67	133.39 5.32 -7.84	156.83 7.64 -2.69	160.01 8.73 -0.72	161.66 8.93 0.01	123.70 8.12 0.62	99.91 7.37 10.58	79.42 7.33 25.51	82.39 8.27 29.42	103.33 6.38 -8.05	115.27 7.13 0.60	97.17 6.59 5.91	82.32 6.50 21.91	126.67 8.24 11.29	79.69 6.93 32.53	106.21 7.75 29.73	152.19 8.19 0.27	158.45 7.72 0.00	76.90 3.93 0.24
RCPL_TRUST___DRP 24196	107.00 4.94 -20.87	101.25 4.46 -20.14	125.27 5.36 -14.02	123.84 4.40 -7.48	143.98 4.96 -11.26	166.42 5.43 -13.33	133.37 5.30 -7.84	156.74 7.56 -2.69	159.96 8.69 -0.72	161.58 8.84 0.00	125.17 8.06 -0.92	111.65 7.30 -1.23	104.81 7.21 0.00	112.50 8.11 -0.84	109.62 6.32 -14.39	115.80 7.06 0.00	102.99 6.50 0.00	104.15 6.41 0.00	137.84 8.12 0.00	112.15 6.84 0.00	135.84 7.65 0.00	152.32 8.05 0.00	158.36 7.63 0.00	77.08 3.87 0.00
RED___ROCHESTER 323720	76.55 -4.64 0.00	72.32 -4.33 0.00	98.58 -6.84 0.47	104.51 -7.46 0.00	119.26 -8.50 0.00	138.35 -9.31 0.00	113.39 -6.84 0.00	137.80 -8.69 0.00	141.65 -8.90 0.00	143.79 -8.95 0.00	109.17 -7.03 0.00	96.42 -6.69 0.00	91.05 -6.55 0.00	96.55 -6.11 0.88	83.80 -5.11 0.00	99.27 -7.20 2.27	84.55 -6.38 5.57	74.58 -6.74 16.41	122.43 -7.23 0.06	96.61 -6.68 2.01	110.28 -8.46 9.45	134.25 -9.12 0.90	141.34 -9.38 0.00	68.55 -4.66 0.00
REGAN___SOLAR 323812	306.02 5.67 -219.15	293.57 5.45 -211.47	260.55 7.26 -147.39	199.81 7.33 -80.51	257.54 8.51 -121.26	301.38 10.21 -143.52	213.99 9.35 -84.41	185.82 11.53 -27.81	168.45 10.48 -7.41	162.29 9.55 0.00	132.46 6.80 -9.46	121.04 5.25 -12.68	102.35 4.75 0.00	117.56 5.40 -8.61	251.41 4.56 -157.94	115.83 7.08 0.00	103.35 6.86 0.00	105.31 7.57 0.00	139.85 10.13 0.00	113.21 7.90 0.00	137.44 9.24 0.00	154.53 10.26 0.00	160.82 10.09 0.00	77.85 4.64 0.00
RENSSELAER___COGEN 23796	197.08 3.17 -112.71	188.29 2.88 -108.76	185.67 3.96 -75.80	156.92 3.59 -41.36	193.99 3.93 -62.30	225.11 3.73 -73.73	166.18 2.59 -43.36	163.15 2.44 -14.22	156.45 2.10 -3.79	154.86 2.13 0.00	123.47 2.43 -4.84	111.90 2.30 -6.48	100.21 2.60 0.00	110.45 2.50 -4.41	149.14 2.04 -58.20	111.29 2.55 0.00	98.84 2.35 0.00	100.08 2.34 0.00	132.49 2.76 0.00	107.98 2.68 0.00	131.69 3.50 0.00	148.17 3.90 0.00	154.46 3.74 0.00	75.89 2.68 0.00
REPUBLIC_115KV_BARTNBRK 55605	311.60 11.68 -218.72	299.01 11.31 -211.06	267.87 14.87 -147.10	207.10 14.80 -80.34	266.71 17.94 -121.00	311.92 21.06 -143.21	223.52 19.06 -84.23	197.19 22.78 -27.92	180.45 22.45 -7.44	177.18 24.44 0.00	144.87 19.17 -9.50	131.40 15.55 -12.73	111.75 14.15 0.00	127.97 15.78 -8.65	294.12 12.30 -192.90	124.82 16.08 0.00	112.66 16.17 0.00	115.51 17.78 0.00	153.29 23.56 0.00	124.12 18.82 0.00	150.76 22.57 0.00	168.82 24.55 0.00	174.65 23.93 0.00	84.94 11.72 0.00
REVERE_CPWR_DRP 24186	84.70 3.50 0.00	79.92 3.27 0.00	110.33 4.43 0.00	116.36 4.39 0.00	133.12 5.36 0.00	154.18 6.53 0.00	126.62 6.39 0.00	154.30 7.81 0.00	158.54 7.98 0.00	160.72 7.98 0.00	121.80 5.60 0.00	107.90 4.78 0.00	101.98 4.37 0.00	108.12 4.80 0.22	93.19 4.28 0.00	114.04 5.29 0.00	101.52 5.03 0.00	100.89 5.10 1.95	136.74 7.01 0.00	110.17 5.09 0.22	131.98 5.23 1.44	149.55 5.28 0.00	155.62 4.89 0.00	75.48 2.26 0.00
REYNOLDS_115KV_TB3 80639	211.96 3.68 -127.08	202.64 3.37 -122.63	195.81 4.44 -85.47	162.69 4.09 -46.64	202.57 4.57 -70.24	235.25 4.47 -83.14	172.47 3.34 -48.90	165.75 3.22 -16.04	157.63 2.79 -4.28	155.57 2.83 0.00	124.69 3.03 -5.46	113.33 2.89 -7.31	100.63 3.03 0.00	111.66 3.14 -4.97	153.97 2.57 -62.49	112.17 3.42 0.00	99.79 3.30 0.00	100.97 3.23 0.00	133.62 3.90 0.00	108.89 3.59 0.00	132.75 4.56 0.00	149.48 5.21 0.00	155.80 5.08 0.00	76.29 3.07 0.00
RIVERBAY____ 323610	107.64 5.57 -20.88	101.80 5.00 -20.15	125.92 5.99 -14.03	125.07 5.63 -7.48	145.38 6.36 -11.26	167.83 6.85 -13.33	134.55 6.48 -7.84	158.28 9.10 -2.69	161.21 9.93 -0.72	162.68 9.94 0.00	126.05 8.93 -0.92	112.55 8.20 -1.23	105.53 7.93 0.00	113.16 8.78 -0.84	110.01 6.71 -14.39	116.41 7.66 0.00	103.58 7.09 0.00	104.84 7.10 0.00	138.61 8.88 0.00	112.69 7.39 0.00	136.64 8.45 0.00	153.10 8.82 0.00	159.29 8.57 0.00	77.60 4.38 0.00
RIVERSIDE_115KV_TB3 55908	213.32 3.50 -128.63	203.95 3.19 -124.12	196.71 4.30 -86.51	163.13 3.96 -47.21	203.26 4.39 -71.11	236.10 4.30 -84.15	172.88 3.16 -49.49	165.81 3.08 -16.24	157.61 2.72 -4.33	155.54 2.80 0.00	124.71 2.98 -5.53	113.33 2.80 -7.41	100.64 3.04 0.00	111.62 3.05 -5.03	159.10 2.46 -67.73	111.92 3.17 0.00	99.43 2.94 0.00	100.66 2.93 0.00	133.27 3.54 0.00	108.58 3.28 0.00	132.39 4.20 0.00	149.02 4.75 0.00	155.31 4.58 0.00	76.18 2.97 0.00
ROARING___BROOK_WT_PWR 323790	81.19 0.00 0.00	76.67 0.02 0.00	106.17 0.27 0.00	112.86 0.89 0.00	128.71 0.95 0.00	148.85 1.20 0.00	120.91 0.68 0.00	147.22 0.74 0.00	151.25 0.69 0.00	153.51 0.77 0.00	116.57 0.37 0.00	103.51 0.39 0.00	97.85 0.25 0.00	103.62 0.07 0.00	89.08 0.17 0.00	109.01 0.27 0.00	96.58 0.10 0.00	97.76 0.02 0.00	129.35 -0.37 0.00	104.23 -1.07 0.00	125.90 -2.30 0.00	141.52 -2.75 0.00	148.16 -2.57 0.00	71.79 -1.42 0.00

ROCHESRG_115KV_T4 355643	75.68 -5.52 0.00	71.48 -5.17 0.00	97.42 -8.01 0.47	103.28 -8.69 0.00	117.83 -9.94 0.00	136.55 -11.11 0.00	111.90 -8.32 0.00	135.93 -10.56 0.00	139.79 -10.77 0.00	141.91 -10.83 0.00	107.71 -8.48 0.00	95.13 -7.99 0.00	89.80 -7.81 0.00	95.15 -7.50 0.89	82.62 -6.29 0.00	97.88 -8.63 2.24	83.30 -7.71 5.49	73.17 -8.18 16.38	120.49 -9.17 0.06	95.10 -8.20 2.00	108.51 -10.22 9.46	132.42 -10.97 0.88	139.60 -11.13 0.00	67.76 -5.45 0.00
ROCHESTER_9_IC 23652	76.10 -5.09 0.00	71.90 -4.75 0.00	98.02 -7.41 0.47	103.92 -8.04 0.00	118.59 -9.17 0.00	137.42 -10.23 0.00	112.65 -7.58 0.00	136.92 -9.56 0.00	140.79 -9.77 0.00	142.93 -9.81 0.00	108.46 -7.74 0.00	95.78 -7.34 0.00	90.39 -7.21 0.00	95.85 -6.81 0.88	83.23 -5.69 0.00	98.59 -7.89 2.27	83.89 -7.03 5.57	73.84 -7.48 16.41	121.49 -8.17 0.06	95.87 -7.43 2.01	109.41 -9.34 9.45	133.33 -10.04 0.90	140.51 -10.21 0.00	68.17 -5.05 0.00
ROCKVIEW_13_KV_LD 356306	107.01 4.94 -20.88	101.30 4.51 -20.14	125.37 5.44 -14.02	123.95 4.51 -7.48	144.14 5.12 -11.26	166.53 5.54 -13.33	133.42 5.35 -7.84	156.73 7.55 -2.69	159.82 8.55 -0.72	161.40 8.66 0.00	124.97 7.85 -0.92	111.45 7.11 -1.23	104.60 7.00 0.00	112.25 7.87 -0.84	109.41 6.12 -14.39	115.59 6.84 0.00	102.82 6.33 0.00	104.03 6.29 0.00	137.81 8.08 0.00	112.09 6.79 0.00	135.85 7.66 0.00	152.42 8.15 0.00	158.41 7.68 0.00	77.12 3.90 0.00
ROME____115KV_TB2 80656	84.70 3.50 0.00	79.92 3.27 0.00	110.33 4.43 0.00	116.36 4.39 0.00	133.12 5.36 0.00	154.18 6.53 0.00	126.62 6.39 0.00	154.30 7.81 0.00	158.54 7.98 0.00	160.72 7.98 0.00	121.80 5.60 0.00	107.90 4.78 0.00	101.98 4.37 0.00	108.12 4.80 0.22	93.19 4.28 0.00	114.04 5.29 0.00	101.52 5.03 0.00	100.89 5.10 1.95	136.74 7.01 0.00	110.17 5.09 0.22	131.98 5.23 1.44	149.55 5.28 0.00	155.62 4.89 0.00	75.48 2.26 0.00
ROSETON___1 23587	101.66 3.06 -17.40	96.26 2.82 -16.79	121.08 3.39 -11.78	122.55 3.33 -7.26	142.43 3.74 -10.93	164.61 4.02 -12.94	131.75 3.90 -7.61	154.60 5.51 -2.61	157.55 6.30 -0.69	159.08 6.35 0.00	122.95 5.87 -0.89	109.67 5.37 -1.19	102.93 5.32 0.00	110.35 6.00 -0.81	107.42 4.59 -13.92	113.86 5.11 0.00	101.30 4.81 0.00	102.50 4.77 0.00	135.81 6.09 0.00	110.50 5.20 0.00	134.10 5.91 0.00	150.52 6.25 0.00	156.61 5.88 0.00	76.27 3.06 0.00
ROSETON___2 23588	101.66 3.06 -17.40	96.26 2.82 -16.79	121.08 3.39 -11.78	122.55 3.33 -7.26	142.43 3.74 -10.93	164.61 4.02 -12.94	131.75 3.90 -7.61	154.60 5.51 -2.61	157.55 6.30 -0.69	159.08 6.35 0.00	122.95 5.87 -0.89	109.67 5.37 -1.19	102.93 5.32 0.00	110.35 6.00 -0.81	107.42 4.59 -13.92	113.86 5.11 0.00	101.30 4.81 0.00	102.50 4.77 0.00	135.81 6.09 0.00	110.50 5.20 0.00	134.10 5.91 0.00	150.52 6.25 0.00	156.61 5.88 0.00	76.27 3.06 0.00
ROTRRDAM_115KV_TB3 80664	324.75 3.20 -240.35	311.65 3.07 -231.92	271.50 3.95 -161.64	203.89 3.63 -88.29	264.95 4.20 -132.99	309.60 4.56 -157.39	216.88 4.08 -92.57	181.88 4.89 -30.49	163.51 4.82 -8.13	157.61 4.88 0.00	130.74 4.17 -10.37	120.70 3.68 -13.90	101.12 3.51 0.00	116.93 3.94 -9.45	265.22 3.10 -173.21	112.69 3.95 0.00	100.32 3.83 0.00	101.65 3.91 0.00	134.80 5.07 0.00	109.57 4.27 0.00	133.23 5.04 0.00	149.81 5.54 0.00	156.10 5.38 0.00	75.93 2.72 0.00
RUSSELL___1 23602	76.54 -4.66 0.00	72.31 -4.34 0.00	98.57 -6.85 0.47	104.51 -7.46 0.00	119.23 -8.53 0.00	138.27 -9.39 0.00	113.37 -6.86 0.00	137.75 -8.74 0.00	141.66 -8.90 0.00	143.79 -8.95 0.00	109.16 -7.04 0.00	96.43 -6.69 0.00	91.06 -6.55 0.00	96.54 -6.12 0.88	83.81 -5.10 0.00	99.27 -7.20 2.27	84.53 -6.39 5.57	74.53 -6.79 16.41	122.43 -7.23 0.06	96.62 -6.68 2.01	110.27 -8.47 9.45	134.26 -9.12 0.90	141.34 -9.38 0.00	68.54 -4.68 0.00
RUSSELL___2 23532	76.54 -4.66 0.00	72.31 -4.34 0.00	98.57 -6.85 0.47	104.51 -7.46 0.00	119.23 -8.53 0.00	138.27 -9.39 0.00	113.37 -6.86 0.00	137.75 -8.74 0.00	141.66 -8.90 0.00	143.79 -8.95 0.00	109.16 -7.04 0.00	96.43 -6.69 0.00	91.06 -6.55 0.00	96.54 -6.12 0.88	83.81 -5.10 0.00	99.27 -7.20 2.27	84.53 -6.39 5.57	74.53 -6.79 16.41	122.43 -7.23 0.06	96.62 -6.68 2.01	110.27 -8.47 9.45	134.26 -9.12 0.90	141.34 -9.38 0.00	68.54 -4.68 0.00
RUSSELL___3 23549	76.54 -4.66 0.00	72.31 -4.34 0.00	98.57 -6.85 0.47	104.51 -7.46 0.00	119.23 -8.53 0.00	138.27 -9.39 0.00	113.37 -6.86 0.00	137.75 -8.74 0.00	141.66 -8.90 0.00	143.79 -8.95 0.00	109.16 -7.04 0.00	96.43 -6.69 0.00	91.06 -6.55 0.00	96.54 -6.12 0.88	83.81 -5.10 0.00	99.27 -7.20 2.27	84.53 -6.39 5.57	74.53 -6.79 16.41	122.43 -7.23 0.06	96.62 -6.68 2.01	110.27 -8.47 9.45	134.26 -9.12 0.90	141.34 -9.38 0.00	68.54 -4.68 0.00
RUSSELL___4 23556	76.54 -4.66 0.00	72.31 -4.34 0.00	98.57 -6.85 0.47	104.51 -7.46 0.00	119.23 -8.53 0.00	138.27 -9.39 0.00	113.37 -6.86 0.00	137.75 -8.74 0.00	141.66 -8.90 0.00	143.79 -8.95 0.00	109.16 -7.04 0.00	96.43 -6.69 0.00	91.06 -6.55 0.00	96.54 -6.12 0.88	83.81 -5.10 0.00	99.27 -7.20 2.27	84.53 -6.39 5.57	74.53 -6.79 16.41	122.43 -7.23 0.06	96.62 -6.68 2.01	110.27 -8.47 9.45	134.26 -9.12 0.90	141.34 -9.38 0.00	68.54 -4.68 0.00
RUSSELL___STATION 23914	76.54 -4.66 0.00	72.31 -4.34 0.00	98.57 -6.85 0.47	104.51 -7.46 0.00	119.23 -8.53 0.00	138.27 -9.39 0.00	113.37 -6.86 0.00	137.75 -8.74 0.00	141.66 -8.90 0.00	143.79 -8.95 0.00	109.16 -7.04 0.00	96.43 -6.69 0.00	91.06 -6.55 0.00	96.54 -6.12 0.88	83.81 -5.10 0.00	99.27 -7.20 2.27	84.53 -6.39 5.57	74.53 -6.79 16.41	122.43 -7.23 0.06	96.62 -6.68 2.01	110.27 -8.47 9.45	134.26 -9.12 0.90	141.34 -9.38 0.00	68.54 -4.68 0.00
S SALMON___HYD 24043	80.02 -1.17 0.00	75.51 -1.14 0.00	103.97 -1.93 0.00	109.68 -2.29 0.00	125.31 -2.45 0.00	144.93 -2.72 0.00	118.70 -1.53 0.00	144.75 -1.73 0.00	148.85 -1.71 0.00	150.67 -2.07 0.00	114.32 -1.88 0.00	101.26 -1.86 0.00	95.66 -1.94 0.00	101.73 -1.82 0.00	87.53 -1.38 0.00	106.96 -1.78 0.00	95.14 -1.35 0.00	96.53 -1.20 0.00	128.91 -0.82 0.00	103.94 -1.37 0.00	125.20 -2.99 0.00	140.51 -3.76 0.00	146.19 -4.54 0.00	70.86 -2.36 0.00
S.PERRY___115KV_TB1 80734	74.64 -6.55 0.00	70.65 -5.99 0.00	95.35 -9.27 1.28	100.37 -11.60 0.00	114.92 -12.84 0.00	133.40 -14.25 0.00	110.32 -9.91 0.00	134.48 -12.64 -0.63	137.54 -13.19 -0.17	138.73 -14.01 0.00	104.39 -12.03 -0.21	91.23 -12.18 -0.28	85.79 -11.81 0.00	92.35 -10.68 0.52	83.70 -8.58 -3.37	91.24 -11.40 6.11	71.82 -9.68 14.99	58.61 -9.36 29.76	117.37 -12.18 0.17	90.85 -10.72 3.72	100.52 -12.95 14.72	133.20 -8.66 2.41	140.38 -10.35 0.00	68.22 -4.99 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	73.39 -7.81 0.00	69.33 -7.32 0.00	93.73 -11.39 0.78	99.81 -12.15 0.00	113.79 -13.97 0.00	131.78 -15.87 0.00	107.90 -12.32 0.00	130.60 -15.89 0.00	134.38 -16.18 0.00	136.72 -16.02 0.00	103.71 -12.49 0.00	91.38 -11.74 0.00	86.18 -11.43 0.00	91.66 -11.09 0.80	79.39 -9.52 0.00	91.78 -13.26 3.71	75.58 -11.80 9.11	63.67 -12.81 21.26	115.32 -14.29 0.11	89.96 -12.72 2.62	101.31 -15.61 11.27	126.37 -16.44 1.47	134.65 -16.07 0.00	65.55 -7.66 0.00

SAWYER___23_KV_LOAD 55526	73.39	69.33	93.73	99.81	113.79	131.78	107.90	130.60	134.38	136.72	103.71	91.38	86.18	91.66	79.39	91.78	75.58	63.67	115.32	89.96	101.31	126.37	134.65	65.55
	-7.81	-7.32	-11.39	-12.15	-13.97	-15.87	-12.32	-15.89	-16.18	-16.02	-12.49	-11.74	-11.43	-11.09	-9.52	-13.26	-11.80	-12.81	-14.29	-12.72	-15.61	-16.44	-16.07	-7.66
	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	3.71	9.11	21.26	0.11	2.62	11.27	1.47	0.00	0.00
SELKIRK___I 23801	175.01	167.00	172.72	151.74	184.94	214.35	161.31	165.38	160.34	159.03	124.56	111.62	101.60	110.37	140.13	116.01	104.28	106.14	140.30	113.87	139.06	156.28	162.70	80.03
	5.82	5.44	7.64	7.47	8.53	9.12	7.22	7.78	6.82	6.30	4.58	3.37	4.00	3.34	3.92	7.27	7.79	8.41	10.57	8.57	10.87	12.01	11.97	6.82
	-87.99	-84.91	-59.17	-32.29	-48.65	-57.57	-33.86	-11.11	-2.96	0.00	-3.78	-5.13	0.00	-3.48	-47.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SELKIRK___II 23799	170.62	162.81	167.80	147.08	179.27	207.83	156.27	160.30	156.13	155.40	122.58	110.51	100.22	109.58	137.25	111.53	99.12	100.34	132.89	108.24	131.86	148.34	154.63	75.70
	3.09	2.85	3.84	3.44	3.80	3.72	2.84	2.93	2.67	2.67	2.68	2.43	2.62	2.66	2.18	2.79	2.63	2.60	3.16	2.94	3.67	4.07	3.91	2.49
	-86.34	-83.31	-58.06	-31.67	-47.70	-56.46	-33.21	-10.88	-2.90	0.00	-3.70	-4.96	0.00	-3.37	-46.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SENECA OSWGO___HYD 24041	78.23	73.83	101.58	107.11	122.28	141.40	115.78	141.12	144.96	147.09	111.88	99.06	93.74	99.93	85.71	104.63	92.98	95.21	125.53	101.78	124.19	138.84	144.60	70.22
	-2.96	-2.82	-4.32	-4.86	-5.48	-6.25	-4.45	-5.37	-5.60	-5.65	-4.32	-4.05	-3.87	-3.73	-3.20	-4.12	-3.51	-3.53	-4.20	-3.63	-4.74	-5.43	-6.13	-3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	0.00	0.00	-1.01	0.00	-0.12	-0.74	0.00	0.00	0.00
SENECA___115KV_TB3 355854	74.73	70.55	95.34	101.58	115.94	134.22	110.00	133.31	137.10	139.42	105.77	93.08	87.85	93.58	81.01	93.52	76.80	64.86	117.69	91.77	103.32	128.76	137.06	66.75
	-6.47	-6.10	-9.73	-10.39	-11.82	-13.43	-10.23	-13.18	-13.46	-13.31	-10.43	-10.04	-9.75	-9.19	-7.90	-11.30	-10.05	-10.97	-11.92	-10.81	-13.34	-13.96	-13.67	-6.46
	0.00	0.00	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.00	3.93	9.64	21.90	0.11	2.72	11.53	1.55	0.00	0.00
SENECA___ENERGY 23797	78.60	74.22	101.60	106.96	122.22	141.55	116.38	141.46	145.48	147.45	111.90	98.49	93.23	99.17	85.67	103.44	90.56	87.09	125.49	100.60	119.20	138.26	144.15	70.21
	-2.59	-2.43	-4.11	-5.00	-5.54	-6.10	-3.85	-5.03	-5.08	-5.29	-4.30	-4.62	-4.37	-3.95	-3.24	-4.42	-3.75	-3.49	-4.21	-3.83	-4.76	-5.66	-6.57	-3.00
	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.89	2.18	7.15	0.03	0.87	4.23	0.35	0.00	0.00
SHOEMAKER___GT 23640	102.00	96.60	121.19	121.59	141.20	163.25	130.87	153.88	156.84	158.37	122.18	108.88	102.22	109.50	105.89	113.26	100.66	101.92	135.15	109.95	133.40	149.76	155.85	75.83
	2.98	2.75	3.27	2.83	3.21	3.49	3.51	4.96	5.63	5.63	5.15	4.65	4.61	5.20	3.96	4.51	4.17	4.19	5.42	4.65	5.21	5.49	5.13	2.62
	-17.83	-17.20	-12.01	-6.79	-10.23	-12.11	-7.12	-2.44	-0.65	0.00	-0.83	-1.11	0.00	-0.75	-13.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOEMAKR_138KV_BK 111 55601	101.80	96.38	120.99	121.43	141.01	163.05	130.69	153.72	156.68	158.23	122.10	108.80	102.14	109.44	105.75	113.19	100.61	101.86	135.03	109.85	133.27	149.62	155.72	75.77
	2.95	2.69	3.18	2.72	3.09	3.37	3.39	4.81	5.48	5.50	5.08	4.58	4.54	5.14	3.92	4.45	4.12	4.13	5.30	4.55	5.08	5.35	4.99	2.56
	-17.66	-17.04	-11.90	-6.75	-10.16	-12.03	-7.07	-2.42	-0.64	0.00	-0.82	-1.10	0.00	-0.75	-12.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOREHAM_IC_1 23715	109.66	103.80	128.49	127.07	147.24	169.55	136.68	160.64	163.84	178.85	226.39	168.26	147.32	146.18	123.27	130.19	105.00	106.13	140.70	114.74	200.07	156.31	162.37	78.78
	7.61	7.02	8.58	7.63	8.22	8.57	8.61	11.46	12.56	12.91	10.94	9.87	9.93	10.83	8.56	9.97	8.51	8.39	10.98	9.43	11.49	12.02	11.64	5.56
	-20.86	-20.13	-14.01	-7.47	-11.26	-13.33	-7.84	-2.69	-0.72	-13.20	-99.26	-55.27	-39.79	-31.80	-25.80	-11.48	0.00	0.00	0.00	-0.01	-60.39	-0.01	0.00	0.00
SHOREHAM_IC_2 23716	109.66	103.80	128.49	127.07	147.24	169.55	136.68	160.64	163.84	178.85	226.39	168.26	147.32	146.18	123.27	130.19	105.00	106.13	140.70	114.74	200.07	156.31	162.37	78.78
	7.61	7.02	8.58	7.63	8.22	8.57	8.61	11.46	12.56	12.91	10.94	9.87	9.93	10.83	8.56	9.97	8.51	8.39	10.98	9.43	11.49	12.02	11.64	5.56
	-20.86	-20.13	-14.01	-7.47	-11.26	-13.33	-7.84	-2.69	-0.72	-13.20	-99.26	-55.27	-39.79	-31.80	-25.80	-11.48	0.00	0.00	0.00	-0.01	-60.39	-0.01	0.00	0.00
SISSONVILLE____ 23735	81.94	77.35	107.56	116.05	132.31	153.64	124.05	150.68	153.31	156.01	118.18	104.90	98.88	104.30	90.02	109.72	97.12	98.48	130.03	104.99	128.54	145.75	154.95	74.47
	0.74	0.71	1.66	4.09	4.55	5.99	3.82	4.19	2.75	3.27	1.98	1.78	1.28	0.75	1.11	0.97	0.63	0.75	0.31	-0.31	0.35	1.48	4.23	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS1 24169	77.37	73.04	100.58	106.13	121.14	140.04	114.45	139.37	143.28	145.31	110.56	97.94	92.65	94.42	84.63	103.33	91.76	56.88	123.71	96.06	95.21	137.09	143.02	69.48
	-3.82	-3.60	-5.32	-5.84	-6.63	-7.62	-5.78	-7.11	-7.28	-7.43	-5.63	-5.18	-4.95	-4.98	-4.28	-5.41	-4.73	-4.79	-6.02	-5.09	-6.33	-7.18	-7.71	-3.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.15	0.00	0.01	0.00	36.06	0.00	4.15	26.65	0.00	0.00	0.00
SITHE_IND_GS2 24170	77.37	73.04	100.58	106.13	121.14	140.04	114.45	139.37	143.28	145.31	110.56	97.94	92.65	94.42	84.63	103.33	91.76	56.88	123.71	96.06	95.21	137.09	143.02	69.48
	-3.82	-3.60	-5.32	-5.84	-6.63	-7.62	-5.78	-7.11	-7.28	-7.43	-5.63	-5.18	-4.95	-4.98	-4.28	-5.41	-4.73	-4.79	-6.02	-5.09	-6.33	-7.18	-7.71	-3.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.15	0.00	0.01	0.00	36.06	0.00	4.15	26.65	0.00	0.00	0.00
SITHE_IND_GS3 24171	77.37	73.04	100.58	106.13	121.14	140.04	114.45	139.37	143.28	145.31	110.56	97.94	92.65	94.42	84.63	103.33	91.76	56.88	123.71	96.06	95.21	137.09	143.02	69.48
	-3.82	-3.60	-5.32	-5.84	-6.63	-7.62	-5.78	-7.11	-7.28	-7.43	-5.63	-5.18	-4.95	-4.98	-4.28	-5.41	-4.73	-4.79	-6.02	-5.09	-6.33	-7.18	-7.71	-3.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.15	0.00	0.01	0.00	36.06	0.00	4.15	26.65	0.00	0.00	0.00
SITHE_IND_GS4 24172	77.37	73.04	100.58	106.13	121.14	140.04	114.45	139.37	143.28	145.31	110.56	97.94	92.65	94.42	84.63	103.33	91.76	56.88	123.71	96.06	95.21	137.09	143.02	69.48
	-3.82	-3.60	-5.32	-5.84	-6.63	-7.62	-5.78	-7.11	-7.28	-7.43	-5.63	-5.18	-4.95	-4.98	-4.28	-5.41	-4.73	-4.79	-6.02	-5.09	-6.33	-7.18	-7.71	-3.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.15	0.00	0.01	0.00	36.06	0.00	4.15	26.65	0.00	0.00	0.00

SITHE___BATAVIA 24024	75.62 -5.57 0.00	71.49 -5.16 0.00	96.95 -8.36 0.60	103.01 -8.96 0.00	117.59 -10.18 0.00	136.51 -11.14 0.00	112.01 -8.22 0.00	135.78 -10.71 0.00	139.61 -10.94 0.00	141.78 -10.96 0.00	107.17 -9.03 0.00	94.27 -8.84 0.00	88.63 -8.97 0.00	94.50 -8.21 0.84	82.17 -6.74 0.00	96.38 -9.49 2.87	81.14 -8.29 7.06	70.58 -8.82 18.34	120.44 -9.20 0.09	94.38 -8.63 2.30	107.16 -10.76 10.27	131.66 -11.48 1.13	139.27 -11.45 0.00	67.57 -5.64 0.00
SITHE___INDEPEND 23800	77.37 -3.82 0.00	73.04 -3.61 0.00	100.58 -5.32 0.00	106.14 -5.83 0.00	121.14 -6.62 0.00	140.04 -7.61 0.00	114.44 -5.78 0.00	139.37 -7.12 0.00	143.28 -7.28 0.00	145.31 -7.43 0.00	110.56 -5.64 0.00	97.92 -5.20 0.00	92.64 -4.96 0.00	94.41 -4.99 4.15	84.64 -4.27 0.00	103.32 -5.42 0.01	91.76 -4.73 0.00	56.89 -4.79 36.06	123.71 -6.02 0.00	96.06 -5.09 4.15	95.20 -6.33 26.65	137.09 -7.18 0.00	143.01 -7.71 0.00	69.48 -3.73 0.00
SITHE___MASSENA 23902	81.45 0.26 0.00	76.93 0.28 0.00	106.94 1.04 0.00	115.14 3.17 0.00	131.21 3.44 0.00	152.22 4.57 0.00	122.78 2.55 0.00	149.52 3.03 0.00	153.20 2.64 0.00	155.98 3.24 0.00	117.83 1.63 0.00	104.68 1.56 0.00	98.79 1.19 0.00	104.27 0.73 0.00	89.92 1.01 0.00	110.08 1.33 0.00	97.52 1.03 0.00	98.74 1.01 0.00	130.44 0.71 0.00	105.58 0.28 0.00	129.57 1.38 0.00	146.42 2.15 0.00	154.37 3.65 0.00	74.32 1.11 0.00
SITHE___OGDNSBRG 24021	82.98 1.79 0.00	78.36 1.71 0.00	108.93 3.02 0.00	117.58 5.61 0.00	134.05 6.29 0.00	155.78 8.13 0.00	125.93 5.71 0.00	153.30 6.81 0.00	155.98 5.43 0.00	157.88 5.14 0.00	119.04 2.85 0.00	105.60 2.48 0.00	99.49 1.88 0.00	105.10 1.55 0.00	90.67 1.77 0.00	110.98 2.24 0.00	98.82 2.33 0.00	100.54 2.80 0.00	132.86 3.14 0.00	107.45 2.15 0.00	131.85 3.66 0.00	149.16 4.89 0.00	157.92 7.19 0.00	75.87 2.66 0.00
SITHE___STERLING 23777	83.53 2.33 0.00	78.90 2.25 0.00	108.86 2.96 0.00	114.78 2.81 0.00	131.32 3.56 0.00	152.02 4.37 0.00	124.76 4.53 0.00	152.04 5.55 0.00	156.16 5.60 0.00	158.31 5.57 0.00	120.06 3.86 0.00	106.31 3.19 0.00	100.46 2.86 0.00	106.47 3.19 0.27	91.81 2.89 0.00	112.33 3.58 0.00	99.95 3.46 0.00	98.80 3.41 2.34	134.41 4.69 0.00	108.36 3.33 0.27	130.00 3.54 1.73	147.74 3.47 0.00	153.68 2.96 0.00	74.61 1.39 0.00
SLEIGHT__34_KV_TB1 80719	77.40 -3.80 0.00	73.05 -3.60 0.00	99.94 -5.70 0.26	105.55 -6.42 0.00	120.57 -7.20 0.00	139.75 -7.90 0.00	114.76 -5.47 0.00	139.74 -6.75 0.00	143.65 -6.91 0.00	145.65 -7.09 0.00	110.54 -5.65 0.00	97.55 -5.57 0.00	92.10 -5.50 0.00	97.73 -5.07 0.75	84.74 -4.17 0.00	101.80 -5.70 1.25	88.44 -5.00 3.06	81.33 -5.11 11.29	124.12 -5.57 0.04	98.73 -5.21 1.36	114.77 -6.55 6.86	136.32 -7.46 0.49	142.71 -8.02 0.00	69.27 -3.94 0.00
SOUTH CAIRO___GT 23612	168.07 7.45 -79.43	160.13 6.84 -76.64	168.86 9.55 -53.41	150.79 9.64 -29.17	182.68 10.98 -43.94	211.81 12.16 -52.00	161.00 10.19 -30.58	168.39 11.85 -10.05	164.34 11.10 -2.68	163.23 10.50 0.00	126.22 6.60 -3.42	112.68 4.97 -4.60	103.48 5.87 0.00	112.29 5.62 -3.13	137.28 5.32 -43.05	117.08 8.34 0.00	104.87 8.37 0.00	106.67 8.93 0.00	141.33 11.60 0.00	114.84 9.53 0.00	139.91 11.72 0.00	157.07 12.80 0.00	163.35 12.63 0.00	80.15 6.93 0.00
SOUTH HAMPTN___IC 23720	110.57 8.52 -20.86	104.63 7.85 -20.13	129.48 9.56 -14.01	127.95 8.50 -7.47	148.01 8.99 -11.26	169.83 8.85 -13.33	137.08 9.02 -7.84	161.41 12.22 -2.69	164.27 13.00 -0.72	179.21 13.44 -13.04	225.76 11.33 -98.23	168.60 10.22 -55.27	148.00 10.61 -39.79	146.80 11.45 -31.80	123.68 8.96 -25.80	130.50 10.28 -11.48	105.19 8.70 0.00	106.27 8.54 0.00	141.05 11.32 0.00	114.97 9.66 -0.01	199.51 11.61 -59.71	156.37 12.09 -0.01	162.35 11.63 0.00	78.73 5.52 0.00
SOUTHDOW_115KV_TB1 355954	77.28 -3.91 0.00	72.80 -3.85 0.00	98.55 -6.47 0.88	104.92 -7.05 0.00	119.80 -7.96 0.00	138.57 -9.09 0.00	114.10 -6.13 0.00	139.56 -7.56 -0.63	142.65 -8.07 -0.17	144.67 -8.07 0.00	110.15 -6.27 -0.21	96.94 -6.47 -0.29	91.70 -5.91 0.00	97.83 -5.17 0.55	87.88 -4.40 -3.37	97.72 -6.81 4.21	79.82 -6.34 10.33	66.91 -8.12 22.71	121.36 -8.24 0.12	94.74 -7.74 2.82	106.63 -9.79 11.77	132.17 -10.44 1.66	140.27 -10.45 0.00	68.19 -5.02 0.00
SOUTHOLD_69_KV_BK 2 55809	112.03 9.98 -20.86	105.94 9.16 -20.13	131.05 11.13 -14.01	129.26 9.82 -7.47	149.07 10.05 -11.26	168.29 7.31 -13.33	136.76 8.70 -7.84	162.38 13.20 -2.69	164.59 13.31 -0.72	179.73 13.96 -13.03	225.01 10.62 -98.20	167.74 9.35 -55.27	148.81 11.41 -39.79	147.43 12.08 -31.80	124.03 9.31 -25.80	130.63 10.41 -11.48	105.11 8.62 0.00	106.16 8.43 0.00	140.89 11.17 0.00	114.76 9.45 -0.01	199.16 11.28 -59.69	155.87 11.58 -0.01	161.68 10.96 0.00	78.30 5.09 0.00
SOUTHOLD___IC 23719	112.03 9.98 -20.86	105.94 9.16 -20.13	131.04 11.12 -14.01	129.26 9.82 -7.47	149.06 10.04 -11.26	168.29 7.31 -13.33	136.76 8.70 -7.84	162.38 13.20 -2.69	164.59 13.31 -0.72	179.73 13.96 -13.03	225.01 10.62 -98.20	167.74 9.35 -55.27	148.80 11.41 -39.79	147.42 12.07 -31.80	124.03 9.31 -25.80	130.64 10.42 -11.48	105.11 8.62 0.00	106.16 8.43 0.00	140.89 11.16 0.00	114.76 9.45 -0.01	199.16 11.28 -59.69	155.88 11.60 -0.01	161.69 10.97 0.00	78.30 5.09 0.00
SOUTH_FORK_WT_PWR 323839	112.26 10.21 -20.86	106.09 9.31 -20.13	131.10 11.19 -14.01	129.07 9.63 -7.47	148.47 9.45 -11.26	167.99 7.01 -13.33	136.22 8.16 -7.84	161.35 12.17 -2.69	162.97 11.70 -0.72	178.17 12.40 -13.03	224.78 10.37 -98.22	167.57 9.19 -55.27	148.18 10.78 -39.79	146.65 11.30 -31.80	123.24 8.52 -25.80	129.45 9.22 -11.48	103.87 7.38 0.00	104.77 7.04 0.00	138.99 9.27 0.00	113.23 7.91 -0.01	197.30 9.41 -59.70	153.79 9.51 -0.01	159.51 8.78 0.00	77.22 4.01 0.00
SPIERFLS_115KV_TB 1 80737	308.99 6.85 -220.95	296.78 6.93 -213.21	263.61 9.10 -148.60	202.10 8.97 -81.15	260.68 10.68 -122.24	304.50 12.18 -144.67	216.13 10.82 -85.09	187.79 13.12 -28.18	171.18 13.11 -7.51	166.47 13.73 0.00	136.66 10.88 -9.59	125.12 9.15 -12.85	106.02 8.42 0.00	121.65 9.38 -8.73	287.11 7.33 -190.87	118.06 9.31 0.00	105.58 9.09 0.00	107.39 9.66 0.00	142.51 12.79 0.00	115.74 10.43 0.00	140.66 12.47 0.00	158.14 13.87 0.00	164.24 13.52 0.00	79.96 6.74 0.00
ST LAWRENCE____ 23600	80.66 -0.53 0.00	76.18 -0.47 0.00	105.83 -0.08 0.00	113.35 1.38 0.00	129.15 1.39 0.00	149.64 1.99 0.00	121.11 0.88 0.00	147.59 1.10 0.00	151.47 0.92 0.00	153.82 1.08 0.00	116.22 0.02 0.00	103.27 0.15 0.00	97.46 -0.14 0.00	102.93 -0.61 0.00	88.73 -0.17 0.00	108.69 -0.06 0.00	96.22 -0.26 0.00	97.42 -0.31 0.00	129.14 -0.59 0.00	104.57 -0.73 0.00	127.82 -0.37 0.00	144.36 0.09 0.00	151.85 1.12 0.00	73.31 0.09 0.00
STATE_CA_115KV_115_LB 55624	229.15 3.55 -144.41	219.25 3.25 -139.35	207.49 4.47 -97.12	169.11 4.13 -53.02	212.17 4.56 -79.85	246.69 4.54 -94.50	179.19 3.38 -55.58	168.25 3.50 -18.26	158.65 3.22 -4.87	156.07 3.33 0.00	125.76 3.35 -6.21	114.56 3.11 -8.32	100.97 3.37 0.00	112.54 3.34 -5.66	175.98 2.71 -84.36	112.11 3.36 0.00	99.57 3.08 0.00	100.85 3.11 0.00	133.48 3.75 0.00	108.74 3.44 0.00	132.58 4.39 0.00	149.12 4.85 0.00	155.42 4.69 0.00	76.27 3.06 0.00

STATE_ST_34_KV_LOAD 55959	80.15 -1.04 0.00	75.60 -1.05 0.00	104.14 -2.06 -0.29	109.16 -2.81 0.00	124.67 -3.09 0.00	144.36 -3.29 0.00	118.39 -1.83 0.00	144.06 -2.43 0.00	148.14 -2.42 0.00	150.04 -2.70 0.00	113.91 -2.29 0.00	100.45 -2.67 0.00	94.99 -2.61 0.00	100.95 -2.24 0.36	87.14 -1.77 0.00	107.83 -2.29 -1.37	98.03 -1.83 -3.36	98.38 -1.47 -2.12	128.16 -1.61 -0.04	103.97 -1.65 -0.31	126.27 -1.85 0.07	142.00 -2.82 -0.54	147.04 -3.69 0.00	71.47 -1.74 0.00
STATION 5_MISC_HYD 23604	76.14 -5.05 0.00	71.91 -4.74 0.00	98.02 -7.41 0.47	103.94 -8.03 0.00	118.60 -9.17 0.00	137.49 -10.16 0.00	112.67 -7.56 0.00	136.92 -9.58 0.00	140.80 -9.76 0.00	142.92 -9.81 0.00	108.47 -7.73 0.00	95.80 -7.32 0.00	90.41 -7.19 0.00	95.87 -6.80 0.88	83.22 -5.69 0.00	98.60 -7.88 2.27	83.88 -7.04 5.57	73.90 -7.42 16.41	121.48 -8.17 0.06	95.87 -7.43 2.01	109.45 -9.29 9.45	133.33 -10.04 0.90	140.51 -10.21 0.00	68.17 -5.05 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	78.02 -3.18 0.00	73.68 -2.97 0.00	100.52 -4.90 0.48	106.42 -5.55 0.00	121.54 -6.22 0.00	140.95 -6.71 0.00	115.85 -4.38 0.00	140.85 -5.64 0.00	144.85 -5.71 0.00	146.81 -5.93 0.00	111.38 -4.81 0.00	98.23 -4.89 0.00	92.80 -4.81 0.00	98.54 -4.27 0.73	85.42 -3.49 0.00	101.47 -4.97 2.30	86.54 -4.31 5.65	78.09 -4.39 15.26	125.02 -4.64 0.07	99.03 -4.40 1.87	113.99 -5.66 8.54	136.93 -6.43 0.91	143.78 -6.95 0.00	69.85 -3.36 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	75.91 -5.28 0.00	71.71 -4.93 0.00	97.77 -7.67 0.47	103.64 -8.32 0.00	118.27 -9.49 0.00	137.12 -10.54 0.00	112.42 -7.81 0.00	136.66 -9.83 0.00	140.57 -9.99 0.00	142.67 -10.07 0.00	108.33 -7.87 0.00	95.65 -7.47 0.00	90.28 -7.32 0.00	95.70 -6.97 0.87	83.08 -5.83 0.00	98.51 -8.01 2.23	83.90 -7.13 5.47	74.00 -7.55 16.18	121.29 -8.37 0.06	95.77 -7.56 1.98	109.40 -9.47 9.32	133.14 -10.25 0.88	140.21 -10.51 0.00	68.02 -5.19 0.00
STA_56__34_KV_BUS2 355983	75.91 -5.28 0.00	71.71 -4.93 0.00	97.77 -7.67 0.47	103.64 -8.32 0.00	118.27 -9.49 0.00	137.12 -10.54 0.00	112.42 -7.81 0.00	136.66 -9.83 0.00	140.57 -9.99 0.00	142.67 -10.07 0.00	108.33 -7.87 0.00	95.65 -7.47 0.00	90.28 -7.32 0.00	95.70 -6.97 0.87	83.08 -5.83 0.00	98.51 -8.01 2.23	83.90 -7.13 5.47	74.00 -7.55 16.18	121.29 -8.37 0.06	95.77 -7.56 1.98	109.40 -9.47 9.32	133.14 -10.25 0.88	140.21 -10.51 0.00	68.02 -5.19 0.00
STA_67__115KV_BK2 355882	75.94 -5.26 0.00	71.73 -4.92 0.00	97.75 -7.68 0.47	103.65 -8.31 0.00	118.26 -9.50 0.00	137.07 -10.58 0.00	112.38 -7.84 0.00	136.51 -9.98 0.00	140.39 -10.16 0.00	142.50 -10.23 0.00	108.14 -8.06 0.00	95.51 -7.61 0.00	90.12 -7.48 0.00	95.54 -7.12 0.88	82.97 -5.94 0.00	98.28 -8.20 2.27	83.63 -7.30 5.56	73.55 -7.77 16.41	121.09 -8.57 0.06	95.55 -7.75 2.00	109.04 -9.70 9.45	132.98 -10.40 0.89	140.16 -10.57 0.00	68.01 -5.21 0.00
STA_7__115KV_9TRANS 80674	76.54 -4.66 0.00	72.31 -4.34 0.00	98.57 -6.85 0.47	104.51 -7.46 0.00	119.23 -8.53 0.00	138.27 -9.39 0.00	113.37 -6.86 0.00	137.75 -8.74 0.00	141.66 -8.90 0.00	143.79 -8.95 0.00	109.16 -7.04 0.00	96.43 -6.69 0.00	91.06 -6.55 0.00	96.54 -6.12 0.88	83.81 -5.10 0.00	99.27 -7.20 2.27	84.53 -6.39 5.57	74.53 -6.79 16.41	122.43 -7.23 0.06	96.62 -6.68 2.01	110.27 -8.47 9.45	134.26 -9.12 0.90	141.34 -9.38 0.00	68.54 -4.68 0.00
STA_82__115KV_TB1 80780	75.94 -5.25 0.00	71.73 -4.92 0.00	97.79 -7.64 0.48	103.65 -8.31 0.00	118.31 -9.46 0.00	137.09 -10.56 0.00	112.38 -7.84 0.00	136.56 -9.93 0.00	140.44 -10.12 0.00	142.54 -10.20 0.00	108.16 -8.04 0.00	95.51 -7.61 0.00	90.11 -7.50 0.00	95.57 -7.10 0.88	82.99 -5.92 0.00	98.27 -8.18 2.29	83.59 -7.28 5.62	73.59 -7.72 16.44	121.13 -8.53 0.07	95.59 -7.70 2.01	109.08 -9.67 9.44	133.02 -10.35 0.90	140.20 -10.53 0.00	68.02 -5.19 0.00
STEEL__WIND 323596	74.67 -6.52 0.00	70.49 -6.16 0.00	95.19 -9.88 0.82	101.47 -10.50 0.00	115.85 -11.91 0.00	134.11 -13.54 0.00	109.85 -10.38 0.00	133.07 -13.42 0.00	136.83 -13.73 0.00	139.14 -13.60 0.00	105.58 -10.62 0.00	92.92 -10.20 0.00	87.72 -9.88 0.00	93.46 -9.31 0.78	80.84 -8.07 0.00	93.31 -11.50 3.93	76.62 -10.23 9.64	64.76 -11.07 21.90	117.48 -12.14 0.11	91.54 -11.04 2.72	103.21 -13.46 11.53	128.53 -14.19 1.55	136.82 -13.90 0.00	66.69 -6.53 0.00
STEPHTWN_115KV_BK_2 55603	198.16 4.25 -112.71	189.26 3.85 -108.76	186.97 5.27 -75.80	158.30 4.97 -41.36	195.48 5.42 -62.30	226.97 5.59 -73.73	167.79 4.20 -43.36	165.10 4.39 -14.22	158.67 4.32 -3.79	157.07 4.33 0.00	124.93 3.89 -4.84	113.19 3.59 -6.48	101.58 3.97 0.00	111.83 3.88 -4.41	150.19 3.08 -58.20	112.89 4.14 0.00	100.26 3.77 0.00	101.65 3.92 0.00	134.71 4.98 0.00	109.64 4.34 0.00	133.50 5.31 0.00	150.11 5.84 0.00	156.33 5.60 0.00	76.82 3.61 0.00
STEUBEN_REC_LFGE 323667	84.52 -2.89 -6.21	79.88 -2.77 -6.00	101.95 -5.17 -1.22	107.61 -6.66 -2.30	124.30 -6.93 -3.47	143.33 -8.43 -4.11	118.10 -4.55 -2.42	141.87 -5.42 -0.80	145.32 -5.45 -0.21	147.01 -5.73 0.00	111.13 -5.33 -0.27	96.96 -6.52 -0.36	91.24 -6.37 0.00	98.36 -4.90 0.29	89.09 -4.08 -4.27	87.66 -6.98 14.11	55.39 -6.46 34.64	30.80 -7.82 59.11	119.66 -9.66 0.41	88.15 -9.65 7.49	88.48 -12.82 26.89	125.17 -13.53 5.57	137.23 -13.49 0.01	67.23 -5.98 0.00
STILLWATER__SOLAR 323814	298.05 5.63 -211.22	285.89 5.42 -203.82	255.01 7.05 -142.05	196.39 6.84 -77.58	252.67 8.06 -116.85	294.87 8.93 -138.29	209.37 7.81 -81.33	183.04 9.53 -27.02	167.34 9.58 -7.21	162.52 9.78 0.00	133.27 7.87 -9.19	122.40 6.96 -12.32	104.11 6.50 0.00	119.23 7.31 -8.37	294.26 5.62 -199.73	115.77 7.02 0.00	103.33 6.84 0.00	104.84 7.10 0.00	139.01 9.29 0.00	113.04 7.73 0.00	137.42 9.23 0.00	154.53 10.26 0.00	160.76 10.04 0.00	78.28 5.07 0.00
STONY__BROOK 24151	109.10 7.05 -20.86	103.32 6.55 -20.13	127.85 7.94 -14.01	126.43 6.99 -7.47	146.58 7.56 -11.26	169.04 8.06 -13.33	136.18 8.12 -7.84	159.91 10.72 -2.69	162.91 11.64 -0.72	179.45 11.99 -14.72	235.78 10.89 -108.69	168.41 10.03 -55.27	147.32 9.93 -39.79	146.27 10.92 -31.80	123.35 8.63 -25.80	130.21 9.98 -11.48	105.09 8.60 0.00	106.05 8.31 0.00	140.70 10.97 0.00	114.89 9.58 -0.01	205.58 11.04 -66.35	156.06 11.78 -0.01	162.18 11.45 0.00	78.73 5.51 0.00
STURGEON_POOL_HYD 23609	116.59 3.94 -31.46	110.56 3.56 -30.36	131.36 4.30 -21.16	127.44 3.82 -11.65	149.60 4.29 -17.55	173.14 4.71 -20.78	137.17 4.72 -12.22	157.11 6.52 -4.09	159.17 7.51 -1.09	160.32 7.58 0.00	124.44 6.84 -1.40	111.15 6.15 -1.87	103.67 6.07 0.00	111.58 6.76 -1.28	116.09 5.31 -21.87	114.85 6.11 0.00	102.22 5.73 0.00	103.51 5.78 0.00	137.17 7.44 0.00	111.58 6.28 0.00	135.36 7.17 0.00	151.90 7.63 0.00	157.98 7.25 0.00	76.79 3.58 0.00
ST_LAW_115_BK7_LBMP 345037	80.66 -0.54 0.00	76.16 -0.49 0.00	105.85 -0.05 0.00	113.50 1.53 0.00	129.33 1.56 0.00	149.91 2.25 0.00	121.21 0.98 0.00	147.69 1.20 0.00	151.57 1.01 0.00	153.93 1.19 0.00	116.29 0.09 0.00	103.33 0.21 0.00	97.54 -0.07 0.00	102.94 -0.61 0.00	88.76 -0.15 0.00	108.73 -0.01 0.00	96.25 -0.24 0.00	97.47 -0.26 0.00	129.14 -0.59 0.00	104.57 -0.73 0.00	127.92 -0.27 0.00	144.46 0.19 0.00	152.07 1.35 0.00	73.39 0.17 0.00

ST_LAW_115_BK8_LBMP 345038	80.66 -0.54 0.00	76.16 -0.49 0.00	105.85 -0.05 0.00	113.50 1.53 0.00	129.33 1.56 0.00	149.91 2.25 0.00	121.21 0.98 0.00	147.69 1.20 0.00	151.57 1.01 0.00	153.93 1.19 0.00	116.29 0.09 0.00	103.33 0.21 0.00	97.54 -0.07 0.00	102.94 -0.61 0.00	88.76 -0.15 0.00	108.73 -0.01 0.00	96.25 -0.24 0.00	97.47 -0.26 0.00	129.14 -0.59 0.00	104.57 -0.73 0.00	127.92 -0.27 0.00	144.46 0.19 0.00	152.07 1.35 0.00	73.39 0.17 0.00
ST_LAW_230_BK5_LBMP 345035	80.66 -0.53 0.00	76.18 -0.47 0.00	105.83 -0.08 0.00	113.35 1.38 0.00	129.15 1.39 0.00	149.64 1.99 0.00	121.11 0.88 0.00	147.59 1.10 0.00	151.47 0.92 0.00	153.82 1.08 0.00	116.22 0.02 0.00	103.27 0.15 0.00	97.46 -0.14 0.00	102.93 -0.61 0.00	88.73 -0.17 0.00	108.69 -0.06 0.00	96.22 -0.26 0.00	97.42 -0.31 0.00	129.14 -0.59 0.00	104.57 -0.73 0.00	127.82 -0.37 0.00	144.36 0.09 0.00	151.85 1.12 0.00	73.31 0.09 0.00
ST_LAW_230_BK6_LBMP 345036	80.66 -0.53 0.00	76.18 -0.47 0.00	105.83 -0.08 0.00	113.35 1.38 0.00	129.15 1.39 0.00	149.64 1.99 0.00	121.11 0.88 0.00	147.59 1.10 0.00	151.47 0.92 0.00	153.82 1.08 0.00	116.22 0.02 0.00	103.27 0.15 0.00	97.46 -0.14 0.00	102.93 -0.61 0.00	88.73 -0.17 0.00	108.69 -0.06 0.00	96.22 -0.26 0.00	97.42 -0.31 0.00	129.14 -0.59 0.00	104.57 -0.73 0.00	127.82 -0.37 0.00	144.36 0.09 0.00	151.85 1.12 0.00	73.31 0.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	102.86 3.28 -18.38	97.37 2.99 -17.74	121.82 3.54 -12.38	121.83 2.90 -6.96	141.53 3.29 -10.47	163.65 3.60 -12.40	131.18 3.66 -7.30	154.18 5.19 -2.50	157.18 5.96 -0.66	158.72 5.99 0.00	122.60 5.55 -0.85	109.28 5.03 -1.14	102.57 4.97 0.00	109.98 5.66 -0.77	106.61 4.36 -13.34	113.63 4.88 0.00	101.07 4.57 0.00	102.24 4.51 0.00	135.48 5.75 0.00	110.23 4.93 0.00	133.71 5.52 0.00	150.04 5.77 0.00	156.16 5.43 0.00	75.99 2.78 0.00
SWANROAD_115KV_TB1 355699	71.40 -9.79 0.00	67.70 -8.95 0.00	91.49 -13.71 0.70	97.35 -14.62 0.00	110.97 -16.80 0.00	128.60 -19.05 0.00	104.81 -15.42 0.00	126.33 -20.16 0.00	130.02 -20.53 0.00	132.53 -20.21 0.00	100.56 -15.64 0.00	88.64 -14.48 0.00	83.43 -14.18 0.00	88.75 -13.98 0.81	76.97 -11.94 0.00	89.06 -16.35 3.34	73.80 -14.49 8.20	62.25 -15.56 19.93	111.73 -17.90 0.10	87.12 -15.69 2.49	98.18 -19.15 10.87	122.74 -20.22 1.32	130.88 -19.84 0.00	63.79 -9.43 0.00
SYNERGY___BIOGAS 323694	75.62 -5.57 0.00	71.49 -5.16 0.00	96.95 -8.36 0.60	103.01 -8.96 0.00	117.59 -10.18 0.00	136.51 -11.14 0.00	112.01 -8.22 0.00	135.78 -10.71 0.00	139.61 -10.94 0.00	141.78 -10.96 0.00	107.17 -9.03 0.00	94.27 -8.84 0.00	88.63 -8.97 0.00	94.50 -8.21 0.84	82.17 -6.74 0.00	96.38 -9.49 2.87	81.14 -8.29 7.06	70.58 -8.82 18.34	120.44 -9.20 0.09	94.38 -8.63 2.30	107.16 -10.76 10.27	131.66 -11.48 1.13	139.27 -11.45 0.00	67.57 -5.64 0.00
SYRACUSE___ENERGY_ST1 323597	79.41 -1.78 0.00	74.93 -1.72 0.00	103.11 -2.79 0.00	108.62 -3.35 0.00	124.03 -3.73 0.00	143.51 -4.14 0.00	117.51 -2.72 0.00	143.16 -3.34 0.00	147.14 -3.41 0.00	149.12 -3.62 0.00	113.38 -2.82 0.00	100.27 -2.85 0.00	94.89 -2.72 0.00	100.75 -2.50 0.30	86.84 -2.07 0.00	105.98 -2.77 0.00	94.21 -2.28 0.00	92.92 -2.20 2.61	127.27 -2.46 0.00	102.74 -2.26 0.30	123.30 -2.96 1.93	140.72 -3.55 0.00	146.48 -4.24 0.00	71.16 -2.06 0.00
SYRACUSE___ENERGY_ST2 323598	79.41 -1.78 0.00	74.93 -1.72 0.00	103.11 -2.79 0.00	108.62 -3.35 0.00	124.03 -3.73 0.00	143.51 -4.14 0.00	117.51 -2.72 0.00	143.16 -3.34 0.00	147.14 -3.41 0.00	149.12 -3.62 0.00	113.38 -2.82 0.00	100.27 -2.85 0.00	94.89 -2.72 0.00	100.75 -2.50 0.30	86.84 -2.07 0.00	105.98 -2.77 0.00	94.21 -2.28 0.00	92.92 -2.20 2.61	127.27 -2.46 0.00	102.74 -2.26 0.30	123.30 -2.96 1.93	140.72 -3.55 0.00	146.48 -4.24 0.00	71.16 -2.06 0.00
SYRACUSE___POWER 24017	79.41 -1.78 0.00	74.93 -1.72 0.00	103.32 -2.78 -0.19	108.66 -3.30 0.00	124.15 -3.62 0.00	143.66 -3.99 0.00	117.66 -2.57 0.00	143.37 -3.12 0.00	147.45 -3.11 0.00	149.39 -3.34 0.00	113.59 -2.60 0.00	100.48 -2.65 0.00	95.07 -2.53 0.00	100.78 -2.32 0.46	86.96 -1.96 0.00	107.09 -2.58 -0.93	96.61 -2.15 -2.27	95.20 -2.14 0.39	127.46 -2.30 -0.03	103.15 -2.15 0.00	123.91 -2.89 1.39	141.23 -3.40 -0.36	146.65 -4.08 0.00	71.21 -2.00 0.00
TALLMAN___138KV_BK151 55660	103.95 3.58 -19.18	98.40 3.25 -18.50	122.61 3.80 -12.91	121.99 2.87 -7.14	141.75 3.23 -10.76	163.96 3.57 -12.74	131.41 3.69 -7.49	154.36 5.30 -2.57	157.36 6.12 -0.68	158.91 6.17 0.00	122.86 5.78 -0.87	109.55 5.26 -1.17	102.83 5.23 0.00	110.31 5.97 -0.80	107.24 4.60 -13.72	113.83 5.08 0.00	101.23 4.74 0.00	102.36 4.63 0.00	135.65 5.92 0.00	110.39 5.09 0.00	133.82 5.63 0.00	150.16 5.89 0.00	156.27 5.54 0.00	76.05 2.84 0.00
TEALLAVE_115KV_TB7 355573	78.77 -2.42 0.00	74.36 -2.29 0.00	102.30 -3.61 0.00	107.81 -4.16 0.00	123.15 -4.62 0.00	142.52 -5.14 0.00	116.68 -3.54 0.00	142.17 -4.32 0.00	146.23 -4.33 0.00	148.21 -4.52 0.00	112.74 -3.46 0.00	99.74 -3.38 0.00	94.37 -3.24 0.00	99.97 -3.06 0.51	86.32 -2.59 0.00	105.32 -3.42 0.00	93.58 -2.91 0.00	90.33 -2.93 4.48	126.35 -3.38 0.00	101.76 -3.03 0.51	120.93 -3.95 3.31	139.70 -4.58 0.00	145.49 -5.23 0.00	70.67 -2.54 0.00
TELGRAPH_34_KV_EAST 80808	73.39 -7.80 0.00	69.46 -7.19 0.00	94.06 -11.21 0.63	99.98 -11.98 0.00	114.05 -13.71 0.00	132.28 -15.38 0.00	108.24 -11.99 0.00	130.91 -15.58 0.00	134.69 -15.86 0.00	137.04 -15.70 0.00	103.87 -12.33 0.00	91.49 -11.63 0.00	86.13 -11.47 0.00	91.61 -11.11 0.83	79.52 -9.39 0.00	92.69 -13.01 3.05	77.51 -11.48 7.50	66.45 -12.36 18.92	115.83 -13.80 0.09	90.55 -12.37 2.38	102.40 -15.27 10.53	126.97 -16.10 1.20	134.81 -15.91 0.00	65.55 -7.66 0.00
TEMPLE___115KV_TB 2 55572	78.82 -2.37 0.00	74.37 -2.28 0.00	102.35 -3.55 0.00	107.82 -4.14 0.00	123.19 -4.57 0.00	142.53 -5.12 0.00	116.69 -3.53 0.00	142.23 -4.26 0.00	146.26 -4.29 0.00	148.28 -4.46 0.00	112.76 -3.44 0.00	99.78 -3.34 0.00	94.40 -3.21 0.00	100.03 -3.00 0.52	86.38 -2.53 0.00	105.37 -3.37 0.00	93.63 -2.86 0.00	90.31 -2.90 4.52	126.41 -3.32 0.00	101.80 -2.98 0.52	120.96 -3.89 3.34	139.76 -4.51 0.00	145.57 -5.16 0.00	70.70 -2.52 0.00
TIANA____69_KV_BK 1 55817	110.24 8.19 -20.86	104.33 7.56 -20.13	129.15 9.24 -14.01	127.64 8.20 -7.47	147.80 8.78 -11.26	169.85 8.87 -13.33	137.06 8.99 -7.84	161.24 12.05 -2.69	164.29 13.02 -0.72	179.16 13.39 -13.03	225.74 11.34 -98.20	168.61 10.23 -55.27	147.85 10.46 -39.79	146.71 11.36 -31.80	123.64 8.92 -25.80	130.53 10.30 -11.48	105.28 8.79 0.00	106.42 8.69 0.00	141.22 11.50 0.00	115.12 9.81 -0.01	199.63 11.75 -59.69	156.54 12.26 -0.01	162.60 11.87 0.00	78.85 5.63 0.00
TILDEN___115KV_TB1 80814	79.41 -1.78 0.00	74.93 -1.72 0.00	103.32 -2.78 -0.19	108.66 -3.30 0.00	124.15 -3.62 0.00	143.66 -3.99 0.00	117.66 -2.57 0.00	143.37 -3.12 0.00	147.45 -3.11 0.00	149.39 -3.34 0.00	113.59 -2.60 0.00	100.48 -2.65 0.00	95.07 -2.53 0.00	100.78 -2.32 0.46	86.96 -1.96 0.00	107.09 -2.58 -0.93	96.61 -2.15 -2.27	95.20 -2.14 0.39	127.46 -2.30 -0.03	103.15 -2.15 0.00	123.91 -2.89 1.39	141.23 -3.40 -0.36	146.65 -4.08 0.00	71.21 -2.00 0.00

TRIGEN___CC 323695	107.45 5.40 -20.86	101.81 5.03 -20.13	125.90 5.98 -14.01	124.53 5.10 -7.47	144.70 5.69 -11.26	167.07 6.09 -13.33	134.10 6.03 -7.84	157.32 8.14 -2.69	160.72 9.45 -0.72	162.32 9.58 0.00	142.07 8.77 -17.11	166.47 8.09 -55.27	145.35 7.96 -39.79	144.22 8.87 -31.80	121.66 6.94 -25.80	128.09 7.87 -11.48	103.49 7.00 0.00	104.69 6.95 0.00	138.63 8.90 0.00	112.95 7.65 0.00	145.18 8.79 -8.20	153.43 9.16 0.00	159.50 8.77 0.00	77.58 4.37 0.00
TRINITY___115KV___4 BK 55933	201.89 3.31 -117.39	192.93 3.00 -113.28	188.95 4.10 -78.95	158.79 3.74 -43.08	196.79 4.14 -64.89	228.45 4.00 -76.80	168.25 2.85 -45.17	164.11 2.81 -14.82	156.97 2.46 -3.95	155.26 2.52 0.00	124.00 2.76 -5.04	112.49 2.61 -6.75	100.49 2.88 0.00	110.97 2.84 -4.59	153.27 2.28 -62.08	111.58 2.84 0.00	99.12 2.63 0.00	100.36 2.63 0.00	132.82 3.09 0.00	108.27 2.97 0.00	132.01 3.81 0.00	148.55 4.28 0.00	154.87 4.14 0.00	76.02 2.81 0.00
UNION___PROCESSING_DRP 323587	75.97 -5.22 0.00	71.75 -4.89 0.00	97.80 -7.62 0.48	103.70 -8.27 0.00	118.34 -9.42 0.00	137.13 -10.53 0.00	112.41 -7.82 0.00	136.63 -9.86 0.00	140.51 -10.05 0.00	142.62 -10.12 0.00	108.20 -8.00 0.00	95.54 -7.58 0.00	90.17 -7.44 0.00	95.59 -7.08 0.87	83.02 -5.89 0.00	98.31 -8.15 2.29	83.63 -7.25 5.61	73.64 -7.69 16.40	121.18 -8.48 0.07	95.63 -7.67 2.01	109.17 -9.61 9.42	133.06 -10.31 0.90	140.23 -10.49 0.00	68.04 -5.17 0.00
UPPER HUDSON___HYD 24058	308.99 6.84 -220.95	296.78 6.93 -213.21	263.60 9.10 -148.60	202.10 8.98 -81.15	260.67 10.67 -122.24	304.50 12.18 -144.67	216.13 10.81 -85.09	187.79 13.12 -28.18	171.18 13.11 -7.51	166.47 13.73 0.00	136.66 10.88 -9.59	125.10 9.14 -12.85	106.02 8.42 0.00	121.65 9.37 -8.73	287.11 7.33 -190.87	118.06 9.31 0.00	105.58 9.09 0.00	107.38 9.65 0.00	142.52 12.79 0.00	115.74 10.43 0.00	140.66 12.47 0.00	158.15 13.88 0.00	164.24 13.52 0.00	79.96 6.75 0.00
UPPER RAQUET___HYD 24056	81.93 0.74 0.00	77.35 0.70 0.00	107.55 1.65 0.00	116.05 4.08 0.00	132.31 4.55 0.00	153.64 5.99 0.00	124.05 3.82 0.00	150.68 4.19 0.00	153.30 2.75 0.00	156.01 3.27 0.00	118.18 1.98 0.00	104.89 1.77 0.00	98.88 1.28 0.00	104.30 0.76 0.00	90.02 1.11 0.00	109.72 0.97 0.00	97.12 0.63 0.00	98.48 0.74 0.00	130.03 0.31 0.00	104.99 -0.31 0.00	128.54 0.36 0.00	145.75 1.48 0.00	154.95 4.23 0.00	74.47 1.25 0.00
VALLEY44_115KV_TB2 355964	81.82 -4.46 -5.09	77.34 -4.23 -4.91	101.56 -6.86 -2.51	105.99 -7.87 -1.89	121.95 -8.66 -2.85	140.59 -10.43 -3.37	113.85 -8.36 -1.98	136.47 -10.67 -0.66	139.77 -10.97 -0.17	141.99 -10.74 0.00	108.69 -7.73 -0.22	96.26 -7.15 -0.30	90.91 -6.70 0.00	96.85 -6.18 0.52	87.29 -5.12 -3.50	96.87 -7.51 4.37	78.82 -6.94 10.72	66.93 -7.67 23.14	121.41 -8.19 0.12	95.16 -7.27 2.88	107.19 -9.10 11.90	133.58 -8.96 1.73	142.10 -8.63 0.00	69.17 -4.04 0.00
VALLEY___115KV_TB 1-4 80826	84.23 3.04 0.00	79.43 2.78 0.00	109.52 3.61 0.00	115.00 3.03 0.00	131.47 3.71 0.00	151.70 4.05 0.00	123.94 3.71 0.00	150.68 4.20 0.00	154.31 3.75 0.00	156.51 3.77 0.00	119.31 3.11 0.00	105.76 2.63 0.00	100.33 2.72 0.00	106.22 2.67 0.00	90.60 1.69 0.00	111.18 2.44 0.00	98.95 2.46 0.00	100.32 2.58 0.00	133.01 3.28 0.00	107.86 2.56 0.00	131.13 2.94 0.00	147.44 3.17 0.00	153.07 2.35 0.00	74.63 1.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	116.02 4.69 -30.14	110.24 4.51 -29.09	132.11 5.93 -20.28	128.73 5.64 -11.11	151.09 6.58 -16.75	175.14 7.66 -19.82	138.77 6.89 -11.66	158.84 8.51 -3.85	160.50 8.92 -1.03	161.69 8.95 0.00	124.61 7.11 -1.31	110.99 6.11 -1.75	103.24 5.63 0.00	110.91 6.36 -1.00	114.86 5.44 -20.51	115.38 6.64 0.00	102.53 6.04 0.00	102.19 6.09 1.63	137.91 8.19 0.00	111.75 6.63 0.19	134.72 7.73 1.21	152.73 8.45 0.00	158.89 8.17 0.00	77.16 3.95 0.00
VISCHER___FERRY HYD 24020	264.12 4.56 -178.38	253.02 4.25 -172.13	231.31 5.44 -119.97	182.60 5.14 -65.49	232.41 6.00 -98.65	270.66 6.26 -116.75	194.13 5.23 -68.66	175.94 6.43 -23.02	163.43 6.74 -6.14	159.52 6.78 0.00	129.85 5.82 -7.83	119.14 5.52 -10.49	102.86 5.26 0.00	116.51 5.83 -7.13	314.13 4.26 -220.97	113.76 5.02 0.00	101.46 4.97 0.00	102.74 5.01 0.00	136.11 6.38 0.00	110.79 5.49 0.00	134.84 6.65 0.00	151.73 7.46 0.00	158.07 7.34 0.00	77.09 3.88 0.00
V_A_10_SYNC_DSASP 323832	73.37 -7.82 0.00	69.32 -7.33 0.00	94.05 -11.25 0.60	99.89 -12.08 0.00	113.94 -13.82 0.00	131.92 -15.74 0.00	107.86 -12.36 0.00	130.64 -15.86 0.00	134.39 -16.17 0.00	136.70 -16.04 0.00	103.76 -12.43 0.00	91.59 -11.53 0.00	86.39 -11.22 0.00	91.66 -11.02 0.87	79.49 -9.42 0.00	93.03 -12.87 2.85	77.91 -11.60 6.99	66.79 -12.41 18.53	115.38 -14.26 0.08	90.54 -12.50 2.26	102.56 -15.35 10.28	126.78 -16.37 1.12	134.65 -16.08 0.00	65.48 -7.74 0.00
V_CMM_10_SYNC_DSASP 323787	80.79 -0.41 0.00	76.24 -0.41 0.00	105.96 0.06 0.00	113.62 1.65 0.00	129.46 1.69 0.00	150.05 2.40 0.00	121.36 1.13 0.00	147.89 1.40 0.00	151.74 1.18 0.00	154.12 1.38 0.00	116.42 0.22 0.00	103.45 0.33 0.00	97.64 0.04 0.00	103.05 -0.49 0.00	88.86 -0.05 0.00	108.84 0.10 0.00	96.37 -0.12 0.00	97.58 -0.16 0.00	129.28 -0.44 0.00	104.68 -0.62 0.00	128.07 -0.12 0.00	144.64 0.37 0.00	152.31 1.59 0.00	73.50 0.28 0.00
V_CMP_10_SYNC_DSASP 323788	82.93 1.74 0.00	78.22 1.58 0.00	108.74 2.83 0.00	116.46 4.49 0.00	132.65 4.89 0.00	152.64 4.98 0.00	123.45 3.22 0.00	150.06 3.57 0.00	154.10 3.54 0.00	156.61 3.87 0.00	118.31 2.12 0.00	105.05 1.93 0.00	98.90 1.30 0.00	104.55 1.00 0.00	89.68 0.77 0.00	110.43 1.68 0.00	97.98 1.49 0.00	98.74 1.00 0.00	130.44 0.71 0.00	105.00 -0.29 0.00	128.29 0.10 0.00	145.58 1.31 0.00	153.70 2.97 0.00	74.04 0.82 0.00
V_D_10_SYNC_DSASP 323841	81.45 0.25 0.00	76.92 0.27 0.00	106.93 1.03 0.00	115.11 3.14 0.00	131.18 3.41 0.00	152.16 4.51 0.00	122.77 2.54 0.00	149.51 3.02 0.00	153.17 2.61 0.00	155.95 3.21 0.00	117.82 1.62 0.00	104.67 1.55 0.00	98.73 1.13 0.00	104.24 0.69 0.00	89.91 1.00 0.00	110.05 1.30 0.00	97.47 0.98 0.00	98.73 0.99 0.00	130.44 0.71 0.00	105.57 0.27 0.00	129.53 1.34 0.00	146.39 2.12 0.00	154.30 3.57 0.00	74.31 1.10 0.00
V_E_10_SYNC_DSASP 323830	103.12 7.94 -14.00	97.61 7.46 -13.51	126.30 9.71 -10.68	126.70 9.55 -5.18	147.08 11.53 -7.79	170.80 13.93 -9.22	138.26 12.61 -5.42	164.35 16.06 -1.79	166.97 15.94 -0.48	168.50 15.77 0.00	128.31 11.50 -0.61	112.92 8.98 -0.82	105.46 7.86 0.00	111.89 8.10 -0.25	106.01 7.55 -9.55	124.51 9.71 -6.06	119.66 8.29 -14.88	126.04 7.61 -20.70	139.48 9.58 -0.17	113.47 5.49 -2.68	142.59 6.33 -8.07	152.75 6.09 -2.39	153.75 3.02 0.00	74.52 1.30 0.00
V_F_30_NSYNC___DSASP 323816	302.41 5.64 -215.58	290.10 5.43 -208.03	258.00 7.11 -144.99	198.07 6.93 -79.18	255.13 8.11 -119.26	297.83 9.03 -141.15	211.17 7.93 -83.01	183.67 9.64 -27.54	167.54 9.63 -7.34	162.59 9.86 0.00	133.52 7.95 -9.37	122.68 7.01 -12.56	104.16 6.56 0.00	119.47 7.39 -8.53	290.37 5.70 -195.76	115.89 6.88 0.00	103.37 7.14 0.00	104.90 7.16 0.00	139.11 9.38 0.00	113.08 7.78 0.00	137.47 9.28 0.00	154.55 10.28 0.00	160.84 10.11 0.00	78.29 5.08 0.00

V_F_30_SYNC_DSASP 323786	226.95 3.55 -142.21	217.11 3.24 -137.22	206.01 4.47 -95.63	168.29 4.13 -52.20	210.95 4.56 -78.63	245.25 4.54 -93.06	178.34 3.38 -54.73	167.97 3.50 -17.98	158.58 3.22 -4.79	156.07 3.33 0.00	125.66 3.35 -6.12	114.42 3.10 -8.20	100.97 3.37 0.00	112.45 3.34 -5.57	174.17 2.71 -82.54	112.09 3.34 0.00	99.57 3.08 0.00	100.83 3.09 0.00	133.48 3.75 0.00	108.74 3.44 0.00	132.57 4.37 0.00	149.12 4.85 0.00	155.42 4.69 0.00	76.27 3.06 0.00
V_XM_10_SYNC_DSASP 323789	82.93 1.74 0.00	78.22 1.58 0.00	108.74 2.83 0.00	116.46 4.49 0.00	132.65 4.89 0.00	152.64 4.98 0.00	123.45 3.22 0.00	150.06 3.57 0.00	154.10 3.54 0.00	156.61 3.87 0.00	118.31 2.12 0.00	105.05 1.93 0.00	98.90 1.30 0.00	104.55 1.00 0.00	89.68 0.77 0.00	110.43 1.68 0.00	97.98 1.49 0.00	98.74 1.00 0.00	130.44 0.71 0.00	105.00 -0.29 0.00	128.29 0.10 0.00	145.58 1.31 0.00	153.70 2.97 0.00	74.04 0.82 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	104.46 3.89 -19.38	98.89 3.54 -18.70	123.13 4.19 -13.04	122.42 3.27 -7.19	142.31 3.72 -10.83	164.55 4.08 -12.82	131.94 4.17 -7.54	154.99 5.91 -2.59	158.01 6.76 -0.69	159.61 6.87 0.00	123.38 6.31 -0.88	109.99 5.70 -1.18	103.23 5.63 0.00	110.76 6.42 -0.80	107.70 4.98 -13.81	114.26 5.52 0.00	101.64 5.15 0.00	102.77 5.04 0.00	136.22 6.49 0.00	110.82 5.52 0.00	134.37 6.18 0.00	150.77 6.50 0.00	156.89 6.16 0.00	76.34 3.13 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	106.84 4.78 -20.87	101.09 4.31 -20.14	125.06 5.14 -14.02	123.63 4.19 -7.48	143.77 4.75 -11.26	166.12 5.14 -13.33	133.13 5.06 -7.84	156.41 7.23 -2.69	159.56 8.28 -0.72	161.18 8.45 0.00	124.84 7.73 -0.92	111.35 7.01 -1.23	104.52 6.92 0.00	112.17 7.79 -0.84	109.35 6.05 -14.39	115.50 6.76 0.00	102.74 6.25 0.00	103.90 6.17 0.00	137.51 7.78 0.00	111.86 6.56 0.00	135.52 7.33 0.00	152.01 7.74 0.00	158.00 7.28 0.00	76.94 3.72 0.00
W50THST__13_KV_LOAD 356117	107.47 5.40 -20.87	101.69 4.91 -20.14	125.84 5.92 -14.02	124.42 4.99 -7.48	144.68 5.66 -11.26	167.19 6.21 -13.33	134.09 6.02 -7.84	157.65 8.46 -2.69	161.01 9.74 -0.72	162.75 10.02 0.00	126.10 8.99 -0.92	112.48 8.13 -1.23	105.61 8.01 0.00	113.41 9.02 -0.84	110.39 7.09 -14.39	116.67 7.93 0.00	103.75 7.26 0.00	104.90 7.17 0.00	138.85 9.12 0.00	112.88 7.58 0.00	136.68 8.49 0.00	153.26 8.99 0.00	159.30 8.57 0.00	77.49 4.27 0.00
WADING RIVER_IC_1 23522	109.60 7.55 -20.86	103.75 6.97 -20.13	128.40 8.48 -14.01	126.97 7.53 -7.47	147.12 8.11 -11.26	169.41 8.43 -13.33	136.56 8.49 -7.84	160.49 11.31 -2.69	163.64 12.36 -0.72	178.52 12.71 -13.07	225.43 10.78 -98.46	168.10 9.71 -55.27	147.21 9.82 -39.79	146.07 10.72 -31.80	123.16 8.44 -25.80	130.05 9.83 -11.48	104.89 8.40 0.00	105.95 8.22 0.00	140.51 10.78 0.00	114.57 9.26 -0.01	199.44 11.36 -59.89	156.15 11.87 -0.01	162.22 11.49 0.00	78.71 5.49 0.00
WADING RIVER_IC_2 23547	109.60 7.55 -20.86	103.75 6.97 -20.13	128.40 8.48 -14.01	126.97 7.53 -7.47	147.12 8.11 -11.26	169.41 8.43 -13.33	136.56 8.49 -7.84	160.49 11.31 -2.69	163.64 12.36 -0.72	178.52 12.71 -13.07	225.43 10.78 -98.46	168.10 9.71 -55.27	147.21 9.82 -39.79	146.07 10.72 -31.80	123.16 8.44 -25.80	130.05 9.83 -11.48	104.89 8.40 0.00	105.95 8.22 0.00	140.51 10.78 0.00	114.57 9.26 -0.01	199.44 11.36 -59.89	156.15 11.87 -0.01	162.22 11.49 0.00	78.71 5.49 0.00
WADING RIVER_IC_3 23601	109.60 7.55 -20.86	103.75 6.97 -20.13	128.40 8.48 -14.01	126.97 7.53 -7.47	147.12 8.11 -11.26	169.41 8.43 -13.33	136.56 8.49 -7.84	160.49 11.31 -2.69	163.64 12.36 -0.72	178.52 12.71 -13.07	225.43 10.78 -98.46	168.10 9.71 -55.27	147.21 9.82 -39.79	146.07 10.72 -31.80	123.16 8.44 -25.80	130.05 9.83 -11.48	104.89 8.40 0.00	105.95 8.22 0.00	140.51 10.78 0.00	114.57 9.26 -0.01	199.44 11.36 -59.89	156.15 11.87 -0.01	162.22 11.49 0.00	78.71 5.49 0.00
WALDENNY_12_KV_BK2 80841	74.55 -6.64 0.00	70.45 -6.20 0.00	95.23 -9.86 0.81	101.38 -10.59 0.00	115.71 -12.06 0.00	134.00 -13.65 0.00	109.82 -10.41 0.00	133.00 -13.49 0.00	136.87 -13.69 0.00	139.22 -13.52 0.00	105.64 -10.56 0.00	92.94 -10.17 0.00	87.73 -9.88 0.00	93.39 -9.38 0.78	80.87 -8.04 0.00	93.37 -11.50 3.87	76.80 -10.19 9.50	64.91 -11.12 21.70	117.52 -12.10 0.11	91.62 -10.99 2.69	103.18 -13.55 11.46	128.52 -14.22 1.53	136.77 -13.96 0.00	66.61 -6.60 0.00
WALDEN__HYDRO 24148	105.15 3.80 -20.15	99.56 3.47 -19.44	123.65 4.18 -13.56	123.09 3.61 -7.51	143.19 4.12 -11.31	165.58 4.54 -13.39	132.57 4.47 -7.88	155.46 6.27 -2.70	158.78 7.49 -0.73	160.30 7.56 0.00	123.90 6.77 -0.93	110.46 6.09 -1.25	103.59 5.99 0.00	111.12 6.73 -0.85	108.31 5.01 -14.39	114.40 5.65 0.00	101.89 5.40 0.00	103.16 5.43 0.00	136.76 7.03 0.00	111.23 5.93 0.00	134.89 6.70 0.00	151.36 7.09 0.00	157.46 6.74 0.00	76.58 3.37 0.00
WARRENSBURG____ 23737	308.99 6.84 -220.95	296.78 6.93 -213.21	263.60 9.10 -148.60	202.10 8.98 -81.15	260.67 10.67 -122.24	304.50 12.18 -144.67	216.13 10.81 -85.09	187.79 13.12 -28.18	171.18 13.11 -7.51	166.47 13.73 0.00	136.66 10.88 -9.59	125.10 9.14 -12.85	106.02 8.42 0.00	121.65 9.37 -8.73	287.11 7.33 -190.87	118.06 9.31 0.00	105.58 9.09 0.00	107.38 9.65 0.00	142.52 12.79 0.00	115.74 10.43 0.00	140.66 12.47 0.00	158.15 13.88 0.00	164.24 13.52 0.00	79.96 6.75 0.00
WATERSIDE____6 8 9 23538	62.84 5.06 23.41	78.56 4.59 2.68	123.52 5.46 -12.16	123.94 4.50 -7.48	144.08 5.06 -11.26	147.47 5.49 5.67	133.40 5.34 -7.84	156.83 7.65 -2.69	160.01 8.74 -0.72	161.66 8.93 0.01	123.71 8.13 0.62	99.92 7.38 10.58	79.42 7.33 25.51	82.40 8.27 29.42	103.33 6.38 -8.05	115.27 7.13 0.60	97.17 6.59 5.91	82.32 6.50 21.91	126.67 8.23 11.29	79.69 6.93 32.53	106.21 7.75 29.73	152.20 8.19 0.27	158.44 7.72 0.00	76.91 3.94 0.24
WATKINRD_115KV_LN8_ILLION 55919	83.41 2.22 0.00	78.69 2.04 0.00	108.55 2.64 0.00	114.11 2.14 0.00	130.40 2.64 0.00	150.49 2.83 0.00	122.85 2.62 0.00	149.56 3.07 0.00	153.45 2.89 0.00	155.62 2.88 0.00	118.63 2.43 0.00	105.21 2.09 0.00	99.72 2.11 0.00	105.86 2.31 0.00	90.40 1.49 0.00	110.78 2.04 0.00	98.55 2.06 0.00	99.94 2.20 0.00	132.50 2.78 0.00	107.57 2.27 0.00	130.79 2.60 0.00	147.07 2.80 0.00	152.93 2.21 0.00	74.49 1.28 0.00
WATSON__69_KV_BK 1 55734	109.56 7.51 -20.86	103.76 6.99 -20.13	128.59 8.68 -14.01	127.22 7.79 -7.47	147.54 8.53 -11.26	170.46 9.48 -13.33	137.23 9.16 -7.84	160.95 11.76 -2.69	164.34 13.06 -0.72	170.42 13.12 -4.56	173.23 11.54 -45.49	169.44 11.05 -55.27	148.18 10.79 -39.79	147.21 11.86 -31.80	124.20 9.48 -25.80	131.25 11.02 -11.48	106.11 9.62 0.00	107.28 9.55 0.00	142.37 12.64 0.00	115.96 10.66 0.00	166.84 12.42 -26.23	157.11 12.83 0.00	163.50 12.77 0.00	79.37 6.16 0.00
WDELAWARE__HYD 323627	105.80 3.08 -21.53	100.20 2.77 -20.78	123.64 3.25 -14.50	122.78 2.76 -8.04	143.00 3.12 -12.12	165.61 3.61 -14.35	132.50 3.84 -8.44	154.80 5.45 -2.86	157.67 6.34 -0.77	159.02 6.28 0.00	122.76 5.59 -0.98	109.37 4.94 -1.31	102.41 4.81 0.00	109.94 5.50 -0.89	108.46 4.29 -15.26	113.67 4.93 0.00	101.18 4.70 0.00	102.51 4.78 0.00	136.00 6.28 0.00	110.56 5.26 0.00	134.11 5.92 0.00	150.44 6.17 0.00	156.35 5.62 0.00	75.95 2.74 0.00

WEST BABYLON___IC 23714	109.06 7.01 -20.86	103.28 6.51 -20.13	127.95 8.04 -14.01	126.61 7.17 -7.47	146.87 7.85 -11.26	169.67 8.68 -13.33	136.46 8.40 -7.84	160.14 10.96 -2.69	163.54 12.26 -0.72	166.16 12.37 -1.05	150.85 11.01 -23.63	168.74 10.35 -55.27	147.51 10.12 -39.79	146.53 11.18 -31.80	123.64 8.92 -25.80	130.51 10.28 -11.48	105.48 8.99 0.00	106.70 8.97 0.00	141.50 11.78 0.00	115.24 9.94 0.00	152.11 11.57 -12.35	156.33 12.05 0.00	162.53 11.80 0.00	78.95 5.74 0.00
WEST CANADA___HYD 24049	82.05 0.86 0.00	77.48 0.83 0.00	106.93 1.03 0.00	112.76 0.79 0.00	128.67 0.90 0.00	148.55 0.90 0.00	121.10 0.87 0.00	147.54 1.05 0.00	151.62 1.06 0.00	153.81 1.07 0.00	117.24 1.04 0.00	104.06 0.94 0.00	98.58 0.98 0.00	104.60 1.06 0.00	89.70 0.79 0.00	109.73 0.98 0.00	97.45 0.96 0.00	98.69 0.95 0.00	130.92 1.20 0.00	106.33 1.03 0.00	129.21 1.02 0.00	145.32 1.05 0.00	151.57 0.84 0.00	73.73 5.51 0.00
WESTERN_NY_WIND 24143	75.43 -5.76 0.00	71.31 -5.34 0.00	96.72 -8.57 0.61	102.78 -9.19 0.00	117.30 -10.46 0.00	136.12 -11.53 0.00	111.75 -8.47 0.00	135.46 -11.03 0.00	139.27 -11.29 0.00	141.44 -11.30 0.00	106.93 -9.27 0.00	94.04 -9.07 0.00	88.40 -9.20 0.00	94.27 -8.44 0.83	81.99 -6.92 0.00	96.06 -9.75 2.93	80.74 -8.56 7.20	70.11 -9.11 18.52	120.12 -9.52 0.09	94.08 -8.90 2.32	106.72 -11.12 10.35	131.32 -11.79 1.16	138.93 -11.79 0.00	67.43 -5.78 0.00
WESTOVER___LESR 323668	89.73 -0.79 -9.33	84.79 -0.86 -9.00	110.08 -1.64 -5.83	113.07 -2.36 -3.46	130.60 -2.38 -5.21	150.97 -2.85 -6.17	122.25 -1.61 -3.63	145.70 -1.99 -1.20	149.04 -1.84 -0.32	150.76 -1.98 0.00	115.20 -1.41 -0.41	101.91 -1.76 -0.55	96.15 -1.46 0.00	102.47 -1.11 -0.03	94.27 -1.04 -6.40	104.89 -1.69 2.17	89.63 -1.55 5.32	84.80 -1.61 11.33	128.15 -1.51 0.06	102.49 -1.40 1.41	120.32 -2.08 5.79	141.11 -2.31 0.86	147.81 -2.91 0.00	71.86 -1.35 0.00
WETHRSFD_WT_PWR 323626	80.11 -6.26 -5.18	75.80 -5.84 -5.00	98.97 -9.25 -2.32	103.80 -10.09 -1.92	119.45 -11.21 -2.90	138.14 -12.94 -3.43	112.60 -9.64 -2.02	134.96 -12.20 -0.67	138.19 -12.54 -0.18	139.90 -12.83 0.00	106.05 -10.37 -0.23	92.91 -10.51 -0.30	87.94 -9.66 0.00	94.56 -8.49 0.50	84.86 -7.61 -3.56	92.00 -11.18 5.57	72.82 -9.99 13.68	59.46 -10.68 27.59	117.53 -12.03 0.16	91.20 -10.65 3.45	101.21 -13.22 13.76	128.15 -13.92 2.20	136.90 -13.82 0.00	66.88 -6.33 0.00
WHAVSTOR_138KV_BK127 55557	104.16 3.54 -19.43	98.60 3.21 -18.74	122.68 3.71 -13.07	121.97 2.80 -7.20	141.76 3.16 -10.84	163.91 3.42 -12.84	131.35 3.57 -7.55	154.23 5.15 -2.59	157.21 5.96 -0.69	158.76 6.02 0.00	122.75 5.16 -0.88	109.46 5.16 -1.18	102.74 5.14 0.00	110.23 5.88 -0.80	107.25 4.51 -13.83	113.72 4.97 0.00	101.12 4.63 0.00	102.26 4.53 0.00	135.50 5.78 0.00	110.27 4.97 0.00	133.70 5.51 0.00	150.02 5.75 0.00	156.13 5.41 0.00	76.01 2.80 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	104.16 3.54 -19.43	98.60 3.21 -18.74	122.68 3.71 -13.07	121.97 2.80 -7.20	141.76 3.16 -10.84	163.91 3.42 -12.84	131.35 3.57 -7.55	154.23 5.15 -2.59	157.21 5.96 -0.69	158.76 6.02 0.00	122.75 5.16 -0.88	109.46 5.16 -1.18	102.74 5.14 0.00	110.23 5.88 -0.80	107.25 4.51 -13.83	113.72 4.97 0.00	101.12 4.63 0.00	102.26 4.53 0.00	135.50 5.78 0.00	110.27 4.97 0.00	133.70 5.51 0.00	150.02 5.75 0.00	156.13 5.41 0.00	76.01 2.80 0.00
WHITEHAL_115KV_TB1 80871	308.50 8.58 -218.72	296.15 8.44 -211.06	263.99 10.99 -147.10	202.98 10.68 -80.34	261.98 13.22 -121.00	306.14 15.28 -143.21	218.36 13.90 -84.23	190.82 16.41 -27.92	174.18 16.18 -7.44	171.07 18.33 0.00	140.47 14.78 -9.50	128.07 12.22 -12.73	108.76 11.16 0.00	124.84 12.64 -8.65	291.13 9.31 -192.90	120.77 12.03 0.00	108.85 12.37 0.00	111.31 13.57 0.00	147.60 17.88 0.00	119.78 14.48 0.00	145.57 17.38 0.00	163.04 18.77 0.00	168.83 18.11 0.00	82.30 9.09 0.00
WHITEPLN_13_KV_LOAD 356215	107.26 5.34 -20.73	101.49 4.83 -20.01	125.69 5.86 -13.93	124.40 4.98 -7.46	144.65 5.66 -11.23	167.23 6.28 -13.30	134.10 6.05 -7.82	157.56 8.39 -2.69	160.80 9.53 -0.72	162.41 9.68 0.00	125.71 8.60 -0.91	112.15 7.81 -1.22	105.27 7.66 0.00	112.94 8.56 -0.83	109.99 6.73 -14.35	116.36 7.61 0.00	103.49 7.00 0.00	104.75 7.02 0.00	138.74 9.02 0.00	112.85 7.55 0.00	136.71 8.52 0.00	153.32 9.05 0.00	159.33 8.61 0.00	77.51 4.30 0.00
WM_FLOYD_69_KV_BK2 356380	109.54 7.48 -20.86	103.69 6.91 -20.13	128.35 8.44 -14.01	126.94 7.50 -7.47	147.15 8.14 -11.26	169.54 8.56 -13.33	136.62 8.55 -7.84	160.49 11.31 -2.69	163.77 12.49 -0.72	178.45 12.81 -12.90	224.63 11.06 -97.37	168.47 10.08 -55.27	147.50 10.10 -39.79	146.38 11.03 -31.80	123.45 8.73 -25.80	130.31 10.08 -11.48	105.18 8.69 0.00	106.33 8.59 0.00	141.03 11.31 0.00	114.97 9.66 -0.01	198.89 11.52 -59.18	156.35 12.06 -0.01	162.47 11.74 0.00	78.84 5.62 0.00
WOODARD___115KV_TB2 355635	78.73 -2.46 0.00	74.29 -2.35 0.00	102.26 -3.64 0.00	107.78 -4.19 0.00	123.10 -4.67 0.00	142.39 -5.26 0.00	116.57 -3.66 0.00	142.01 -4.48 0.00	146.06 -4.50 0.00	148.03 -4.71 0.00	112.60 -3.60 0.00	99.66 -3.46 0.00	94.30 -3.30 0.00	99.95 -3.15 0.45	86.22 -2.69 0.00	105.23 -3.51 0.00	93.51 -2.98 0.00	90.87 -2.99 3.87	126.24 -3.48 0.00	101.76 -3.10 0.45	121.31 -4.02 2.86	139.62 -4.65 0.00	145.42 -5.31 0.00	70.63 -2.58 0.00
YORK___WARBASSE 23770	325.07 5.64 -238.23	213.97 5.14 -132.18	135.22 6.12 -23.19	124.61 5.17 -7.48	144.85 5.82 -11.26	260.78 6.55 -106.58	134.20 6.13 -7.84	157.80 8.62 -2.69	161.01 9.72 -0.74	162.75 9.96 -0.05	133.35 8.70 -8.45	170.28 7.96 -59.20	230.82 8.00 -125.22	261.81 8.93 -149.34	141.32 6.90 -45.51	119.60 7.90 -2.95	132.75 7.27 -28.99	212.47 7.21 -107.53	194.30 9.17 -55.40	272.68 7.73 -159.65	282.80 8.72 -145.88	154.82 9.24 -1.31	159.41 8.68 0.00	78.86 4.45 -1.20