

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/16/2025

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	119.80	112.41	106.56	129.47	127.03	83.48	197.46	140.79	99.89	86.10	129.50	130.70	254.70	133.85	132.58	155.06	205.53	259.56	297.43	320.46	430.89	147.93	129.45	73.28
24138	5.20	6.64	5.04	9.46	8.87	5.34	10.32	10.67	7.58	6.95	10.04	13.23	24.34	13.00	10.85	9.40	5.36	8.15	10.62	7.25	5.74	4.21	4.61	5.09
	-54.80	-25.04	-39.24	0.00	-9.54	-18.11	-77.29	-22.63	-19.53	-15.70	-29.38	-0.37	-1.18	0.00	-23.67	-61.00	-150.79	-174.80	-188.28	-244.67	-369.91	-102.59	-77.49	-15.05
74TH STREET_GT_1	119.96	112.66	106.74	129.80	127.31	83.64	197.76	140.96	99.99	86.17	129.48	130.66	254.62	133.82	132.55	155.11	205.58	259.63	297.51	320.61	431.08	148.04	129.58	73.40
24260	5.35	6.89	5.22	9.79	9.15	5.50	10.60	10.85	7.67	7.02	10.01	13.18	24.25	12.97	10.81	9.43	5.36	8.16	10.64	7.33	5.84	4.30	4.71	5.20
	-54.81	-25.04	-39.25	0.00	-9.54	-18.11	-77.30	-22.63	-19.54	-15.70	-29.39	-0.37	-1.18	0.00	-23.67	-61.02	-150.83	-174.85	-188.32	-244.74	-370.02	-102.61	-77.51	-15.05
74TH STREET_GT_2	119.96	112.66	106.74	129.80	127.31	83.64	197.76	140.96	99.99	86.17	129.48	130.66	254.62	133.82	132.55	155.11	205.58	259.63	297.51	320.61	431.08	148.04	129.58	73.40
24261	5.35	6.89	5.22	9.79	9.15	5.50	10.60	10.85	7.67	7.02	10.01	13.18	24.25	12.97	10.81	9.43	5.36	8.16	10.64	7.33	5.84	4.30	4.71	5.20
	-54.81	-25.04	-39.25	0.00	-9.54	-18.11	-77.30	-22.63	-19.54	-15.70	-29.39	-0.37	-1.18	0.00	-23.67	-61.02	-150.83	-174.85	-188.32	-244.74	-370.02	-102.61	-77.51	-15.05
ADK HUDSON___FALLS	134.79	119.32	117.70	129.53	129.67	130.57	617.90	263.05	205.29	134.97	100.60	127.83	255.42	131.04	109.47	124.52	279.79	263.15	424.83	450.20	525.22	417.28	551.06	154.00
24011	4.63	6.44	5.04	9.52	8.80	4.90	9.59	9.63	6.55	5.63	7.08	9.33	18.60	10.19	8.63	7.65	4.63	7.05	9.18	6.43	5.03	3.72	3.94	3.78
	-70.36	-32.15	-50.38	0.00	-12.25	-65.63	-498.45	-145.94	-125.96	-65.90	-3.45	-1.40	-7.63	0.00	-2.78	-32.21	-225.78	-179.48	-317.11	-375.23	-464.96	-372.43	-499.78	-97.08
ADK RESOURCE___RCVRY	135.11	119.86	118.17	130.36	130.41	131.20	621.21	264.67	206.52	135.74	100.89	128.17	256.45	131.83	110.17	124.99	280.91	264.11	426.67	452.00	526.91	419.40	554.05	154.81
23798	4.90	6.96	5.48	10.35	9.52	5.25	10.29	10.49	7.12	6.07	7.46	9.66	19.60	10.97	9.40	8.16	5.00	7.62	9.88	6.96	5.39	4.06	4.31	4.09
	-70.42	-32.17	-50.42	0.00	-12.26	-65.92	-501.06	-146.70	-126.62	-66.22	-3.36	-1.40	-7.67	0.00	-2.71	-32.17	-226.53	-179.88	-318.26	-376.51	-466.30	-374.21	-502.39	-97.58
ADK S GLENS___FALLS	134.79	119.32	117.70	129.53	129.67	130.57	617.90	263.05	205.29	134.97	100.60	127.83	255.42	131.04	109.47	124.52	279.79	263.15	424.83	450.20	525.22	417.28	551.06	154.00
24028	4.63	6.44	5.04	9.52	8.80	4.90	9.59	9.63	6.55	5.63	7.08	9.33	18.60	10.19	8.63	7.65	4.63	7.05	9.18	6.43	5.03	3.72	3.94	3.78
	-70.36	-32.15	-50.38	0.00	-12.25	-65.63	-498.45	-145.94	-125.96	-65.90	-3.45	-1.40	-7.63	0.00	-2.78	-32.21	-225.78	-179.48	-317.11	-375.23	-464.96	-372.43	-499.78	-97.08
ADK_NYS___DAM	131.95	117.76	115.59	128.83	128.52	116.22	490.79	224.59	172.73	119.53	107.68	128.89	254.80	130.98	114.33	129.81	250.52	252.64	377.38	400.09	479.85	333.87	424.73	130.33
23527	4.34	6.05	4.75	8.82	8.09	4.43	8.87	8.18	5.93	5.56	7.98	10.69	19.92	10.13	8.51	7.42	4.25	6.15	8.15	5.91	4.80	3.79	4.32	4.72
	-67.82	-30.98	-48.56	0.00	-11.81	-51.75	-372.06	-108.93	-94.02	-50.53	-9.62	-1.09	-5.70	0.00	-7.75	-37.74	-196.89	-169.88	-270.69	-325.65	-419.82	-288.95	-373.05	-72.46
AIR_PRODUCTS___DRP	130.41	115.25	113.69	124.76	124.92	102.68	377.45	188.39	142.06	101.47	97.98	123.46	243.37	125.84	104.85	108.71	177.70	183.16	278.19	280.84	321.58	242.22	313.33	106.92
24190	2.53	3.41	2.67	4.75	4.44	2.39	4.25	3.80	2.73	2.86	4.27	5.50	10.15	4.99	3.85	3.50	1.72	2.46	3.35	2.31	1.93	1.51	1.94	2.49
	-68.08	-31.10	-48.75	0.00	-11.85	-40.26	-263.34	-77.11	-66.55	-35.16	-3.64	-0.85	-4.03	0.00	-2.93	-20.55	-126.60	-104.09	-176.30	-210.00	-264.42	-199.59	-264.04	-51.29
AKWESSNE_115KV_BK	58.48	79.24	61.12	118.12	106.56	58.63	107.50	104.71	70.62	61.29	87.11	113.03	223.53	117.92	95.10	82.10	47.99	74.59	95.77	66.59	53.70	39.99	46.55	52.40
355683	-1.31	-1.50	-1.15	-1.90	-2.06	-1.41	-2.36	-2.77	-2.16	-2.16	-2.97	-4.08	-5.65	-2.93	-2.97	-2.55	-1.39	-2.03	-2.77	-1.94	-1.53	-1.13	-0.80	-0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	129.78	115.60	113.49	126.30	126.01	95.82	308.80	169.10	124.93	92.28	96.94	123.40	243.43	126.31	104.93	104.97	146.98	159.39	235.41	229.65	257.85	190.70	243.79	93.72
323833	3.23	4.36	3.42	6.29	5.76	3.18	5.34	4.93	3.22	2.88	3.64	5.61	11.29	5.46	4.28	4.15	2.35	3.48	4.64	3.21	2.61	2.00	2.33	2.87
	-66.76	-30.50	-47.80	0.00	-11.63	-32.61	-193.59	-56.68	-48.92	-25.95	-3.22	-0.69	-2.96	0.00	-2.59	-16.16	-95.25	-79.30	-132.24	-157.90	-200.02	-147.57	-194.11	-37.70
ALBANY_2_SOLAR	129.77	115.58	113.45	126.26	126.00	95.79	308.62	169.01	124.87	92.23	96.89	123.36	243.40	126.29	104.88	104.89	146.83	159.22	235.20	229.39	257.50	190.55	243.64	93.66
323834	3.21	4.35	3.37	6.25	5.75	3.16	5.30	4.88	3.20	2.85	3.61	5.57	11.25	5.44	4.24	4.12	2.34	3.46	4.62	3.19	2.59	1.98	2.31	2.84
	-66.76	-30.50	-47.81	0.00	-11.63	-32.60	-193.46	-56.64	-48.89	-25.93	-3.20	-0.69	-2.96	0.00	-2.58	-16.12	-95.11	-79.14	-132.05	-157.67	-199.68	-147.44	-193.98	-37.68
ALBANY___1	130.41	115.25	113.69	124.76	124.92	102.68	377.45	188.39	142.06	101.47	97.98	123.46	243.37	125.84	104.85	108.71	177.70	183.16	278.19	280.84	321.58	242.22	313.33	106.92
23571	2.53	3.41	2.67	4.75	4.44	2.39	4.25	3.80	2.73	2.86	4.27	5.50	10.15	4.99	3.85	3.50	1.72	2.46	3.35	2.31	1.93	1.51	1.94	2.49
	-68.08	-31.10	-48.75	0.00	-11.85	-40.26	-263.34	-77.11	-66.55	-35.16	-3.64	-0.85	-4.03	0.00	-2.93	-20.55	-126.60	-104.09	-176.30	-210.00	-264.42	-199.59	-264.04	-51.29

ALBANY___2 23572	130.41 2.53 -68.08	115.25 3.41 -31.10	113.69 2.67 -48.75	124.76 4.75 0.00	124.92 4.44 -11.85	102.68 2.39 -40.26	377.45 4.25 -263.34	188.39 3.80 -77.11	142.06 2.73 -66.55	101.47 2.86 -35.16	97.98 4.27 -3.64	123.46 5.50 -0.85	243.37 10.15 -4.03	125.84 4.99 0.00	104.85 3.85 -2.93	108.71 3.50 -20.55	177.70 1.72 -126.60	183.16 2.46 -104.09	278.19 3.35 -176.30	280.84 2.31 -210.00	321.58 1.93 -264.42	242.22 1.51 -199.59	313.33 1.94 -264.04	106.92 2.49 -51.29
ALBANY___3 23573	130.41 2.53 -68.08	115.25 3.41 -31.10	113.69 2.67 -48.75	124.76 4.75 0.00	124.92 4.44 -11.85	102.68 2.39 -40.26	377.45 4.25 -263.34	188.39 3.80 -77.11	142.06 2.73 -66.55	101.47 2.86 -35.16	97.98 4.27 -3.64	123.46 5.50 -0.85	243.37 10.15 -4.03	125.84 4.99 0.00	104.85 3.85 -2.93	108.71 3.50 -20.55	177.70 1.72 -126.60	183.16 2.46 -104.09	278.19 3.35 -176.30	280.84 2.31 -210.00	321.58 1.93 -264.42	242.22 1.51 -199.59	313.33 1.94 -264.04	106.92 2.49 -51.29
ALBANY___4 23574	130.41 2.53 -68.08	115.25 3.41 -31.10	113.69 2.67 -48.75	124.76 4.75 0.00	124.92 4.44 -11.85	102.68 2.39 -40.26	377.45 4.25 -263.34	188.39 3.80 -77.11	142.06 2.73 -66.55	101.47 2.86 -35.16	97.98 4.27 -3.64	123.46 5.50 -0.85	243.37 10.15 -4.03	125.84 4.99 0.00	104.85 3.85 -2.93	108.71 3.50 -20.55	177.70 1.72 -126.60	183.16 2.46 -104.09	278.19 3.35 -176.30	280.84 2.31 -210.00	321.58 1.93 -264.42	242.22 1.51 -199.59	313.33 1.94 -264.04	106.92 2.49 -51.29
ALBANY___LFGE 323615	131.52 3.00 -68.73	116.16 4.02 -31.40	114.62 3.13 -49.21	125.70 5.69 0.00	125.90 5.30 -11.97	111.15 2.91 -48.20	452.38 5.43 -337.09	211.21 5.03 -98.70	161.53 3.56 -85.19	111.95 3.54 -44.95	99.58 5.12 -4.38	124.88 6.75 -1.02	247.03 12.69 -5.16	127.18 6.33 0.00	106.61 5.02 -3.53	114.94 4.53 -25.76	212.71 2.40 -160.92	211.92 3.49 -131.81	327.54 4.68 -224.33	338.76 3.23 -267.00	393.47 2.66 -335.58	298.21 2.03 -255.05	387.79 2.45 -337.99	121.79 3.00 -65.65
ALCOA_PA_115KV_PL-6C 55860	58.54 -1.26 0.00	79.46 -1.28 0.00	61.27 -1.01 0.00	118.43 -1.58 0.00	106.75 -1.87 0.00	58.66 -1.37 0.00	107.40 -2.46 0.00	104.86 -2.63 0.00	70.76 -2.03 0.00	61.44 -2.02 0.00	87.47 -2.61 0.00	113.28 -3.82 0.00	224.25 -4.93 0.00	118.30 -2.55 0.00	95.17 -2.89 0.00	82.04 -2.62 0.00	48.01 -1.37 0.00	74.66 -1.95 0.00	95.83 -2.71 0.00	66.60 -1.93 0.00	53.67 -1.55 0.00	40.04 -1.08 0.00	46.62 -0.74 0.00	52.40 -0.74 0.00
ALCOA_RYNLDS___DRP 24188	58.54 -1.26 0.00	79.46 -1.28 0.00	61.27 -1.01 0.00	118.43 -1.58 0.00	106.75 -1.87 0.00	58.66 -1.37 0.00	107.40 -2.46 0.00	104.86 -2.63 0.00	70.76 -2.03 0.00	61.44 -2.02 0.00	87.47 -2.61 0.00	113.28 -3.82 0.00	224.25 -4.93 0.00	118.30 -2.55 0.00	95.17 -2.89 0.00	82.04 -2.62 0.00	48.01 -1.37 0.00	74.66 -1.95 0.00	95.83 -2.71 0.00	66.60 -1.93 0.00	53.67 -1.55 0.00	40.04 -1.08 0.00	46.62 -0.74 0.00	52.40 -0.74 0.00
ALCOA___DSASP 323711	58.54 -1.26 0.00	79.47 -1.27 0.00	61.26 -1.01 0.00	118.43 -1.58 0.00	106.75 -1.87 0.00	58.67 -1.37 0.00	107.40 -2.46 0.00	104.86 -2.63 0.00	70.76 -2.03 0.00	61.44 -2.02 0.00	87.46 -2.61 0.00	113.28 -3.83 0.00	224.25 -4.93 0.00	118.30 -2.55 0.00	95.17 -2.89 0.00	82.04 -2.61 0.00	48.00 -1.38 0.00	74.65 -1.96 0.00	95.83 -2.71 0.00	66.60 -1.93 0.00	53.67 -1.55 0.00	40.04 -1.09 0.00	46.62 -0.74 0.00	52.41 -0.74 0.00
ALLEGHENY___COGEN 23514	69.42 0.00 -9.62	85.10 -0.17 -4.54	69.73 0.34 -7.11	120.52 0.51 0.00	110.40 0.05 -1.73	63.64 0.55 -3.06	119.32 -2.43 -11.89	106.27 -4.70 -3.48	73.67 -2.12 -3.00	63.08 -2.19 -1.82	85.42 -6.03 -1.38	104.81 -7.65 4.64	213.43 -15.93 -0.18	112.95 -7.90 0.00	93.54 -5.63 -1.11	84.10 -3.83 -3.28	58.87 -1.09 -10.58	86.09 -1.40 -10.87	110.21 -2.13 -13.80	84.37 -1.48 -17.31	79.51 2.30 -21.98	52.65 0.84 -10.68	59.31 0.55 -11.41	56.20 0.74 -2.31
ALTAMONT_115KV_TB 2 55880	130.35 2.52 -68.03	115.20 3.39 -31.08	113.60 2.62 -48.71	124.85 4.84 0.00	124.94 4.47 -11.85	95.67 2.53 -33.11	310.18 4.21 -196.11	168.82 3.92 -57.42	125.09 2.75 -49.56	91.76 2.64 -25.67	93.74 3.67 0.00	122.86 5.06 -0.70	241.58 9.39 -3.00	125.55 4.70 0.00	101.89 3.83 0.00	98.18 3.49 -10.03	134.62 1.95 -83.30	143.17 2.84 -63.71	220.61 3.85 -118.22	210.05 2.65 -138.86	226.30 2.14 -168.94	187.19 1.65 -144.42	245.85 1.87 -196.63	93.52 2.18 -38.19
ALTONA_WT_PWR 323606	58.94 -0.85 0.00	79.96 -0.78 0.00	61.99 -0.28 0.00	119.78 -0.23 0.00	108.24 -0.38 0.00	59.60 -0.43 0.00	108.98 -0.88 0.00	106.09 -1.39 0.00	71.71 -1.08 0.00	62.66 -0.79 0.00	88.77 -1.31 0.00	115.54 -1.57 0.00	227.35 -1.83 0.00	120.01 -0.84 0.00	97.27 -0.79 0.00	83.99 -0.67 0.00	49.12 -0.26 0.00	76.21 -0.41 0.00	98.04 -0.50 0.00	68.16 -0.37 0.00	54.75 -0.48 0.00	40.83 -0.29 0.00	47.30 -0.05 0.00	53.28 0.14 0.00
AMERICAN_REF_FUEL 24010	63.11 -5.38 -8.70	77.40 -7.40 -4.06	63.13 -5.51 -6.37	109.09 -10.92 0.00	99.60 -10.58 -1.55	56.25 -5.39 -1.61	99.13 -10.73 0.00	96.68 -10.80 0.00	66.19 -6.59 0.00	57.96 -5.72 -0.23	82.65 -8.65 -1.23	103.17 -11.05 2.89	205.85 -23.33 0.00	109.11 -11.74 0.00	89.37 -9.68 -0.99	78.69 -8.34 -2.38	49.50 -4.79 -4.92	75.40 -7.46 -6.25	94.84 -9.61 -5.91	69.26 -7.20 -7.93	60.69 -5.66 -11.12	38.91 -3.99 -1.77	42.61 -4.42 0.32	48.69 -4.45 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	64.05 -5.40 -9.65	77.73 -7.52 -4.53	63.79 -5.57 -7.09	108.91 -11.10 0.00	99.67 -10.67 -1.72	57.82 -5.25 -3.04	111.66 -10.01 -11.81	101.47 -9.46 -3.46	70.00 -5.76 -2.98	60.51 -4.75 -1.81	85.33 -6.12 -1.37	104.92 -8.61 3.58	213.65 -15.72 -0.18	113.37 -7.48 0.00	93.59 -5.58 -1.10	82.84 -5.08 -3.27	57.16 -2.74 -10.52	83.19 -4.24 -10.82	106.93 -5.33 -13.72	81.33 -4.42 -17.22	74.02 -3.61 -22.41	49.18 -2.60 -10.65	55.76 -3.03 -11.44	52.59 -2.86 -2.30
ARTHUR KILL_GT_1 23520	134.74 5.18 -69.77	142.20 6.83 -54.64	136.86 5.19 -69.40	146.13 9.55 -16.57	142.40 9.15 -24.63	135.26 5.50 -69.73	216.59 10.25 -96.48	206.51 10.94 -88.08	169.90 7.65 -89.47	153.31 6.91 -82.95	129.21 9.28 -29.85	126.81 12.10 2.40	252.56 22.19 -1.20	132.67 11.82 0.00	144.11 10.32 -35.72	162.14 8.94 -68.55	205.48 5.10 -151.00	401.57 7.99 -316.97	421.30 10.33 -312.43	374.69 7.12 -299.04	432.74 5.65 -371.85	157.02 4.24 -111.65	131.06 4.58 -79.13	78.09 5.15 -19.80
ARTHUR_KILL_2 23512	134.56 5.00 -69.77	141.96 6.58 -54.64	136.68 5.00 -69.40	145.76 9.18 -16.57	142.06 8.81 -24.63	135.07 5.31 -69.73	216.23 9.89 -96.48	206.12 10.55 -88.08	169.63 7.38 -89.47	153.12 6.72 -82.95	128.96 9.03 -29.85	126.48 11.77 2.40	251.90 21.53 -1.20	132.33 11.48 0.00	143.81 10.02 -35.72	161.85 8.65 -68.55	205.32 4.94 -151.00	401.31 7.73 -316.97	420.96 10.00 -312.43	374.47 6.89 -299.04	432.53 5.45 -371.85	156.90 4.12 -111.65	130.91 4.44 -79.13	77.92 4.98 -19.80
ARTHUR_KILL_3 23513	134.89 4.56 -70.54	142.72 5.80 -56.18	137.64 4.41 -70.97	145.68 8.24 -17.43	141.81 7.78 -25.41	137.16 4.72 -72.41	216.47 9.15 -97.47	208.21 9.26 -91.48	172.43 6.55 -93.10	155.95 6.06 -86.44	128.57 8.64 -29.84	105.75 11.39 22.74	251.22 20.84 -1.20	132.03 11.18 0.00	143.71 9.30 -36.35	160.25 8.13 -67.46	184.40 4.61 -130.41	229.39 6.98 -145.79	301.56 9.10 -193.93	310.82 6.27 -236.01	421.08 5.00 -360.85	156.92 3.68 -112.11	130.60 4.05 -79.20	77.68 4.49 -20.04

ARTHUR_KILL_COGEN 323718	134.74 5.18 -69.77	142.20 6.83 -54.64	136.86 5.19 -69.40	146.13 9.55 -16.57	142.40 9.15 -24.63	135.26 5.50 -69.73	216.59 10.25 -96.48	206.51 10.94 -88.08	169.90 7.65 -89.47	153.31 6.91 -82.95	129.21 9.28 -29.85	126.81 12.10 2.40	252.56 22.19 -1.20	132.67 11.82 0.00	144.11 10.32 -35.72	162.14 8.94 -68.55	205.48 5.10 -151.00	401.57 7.99 -316.97	421.30 10.33 -312.43	374.69 7.12 -299.04	432.74 5.65 -371.85	157.02 4.24 -111.65	131.06 4.58 -79.13	78.09 5.15 -19.80
ASHOKAN____ 23654	127.17 5.83 -61.55	116.55 7.69 -28.12	112.28 5.93 -44.07	132.04 12.03 0.00	130.21 10.87 -10.72	94.81 6.45 -28.32	283.42 11.50 -162.06	166.69 11.76 -47.45	121.81 8.07 -40.96	94.33 7.25 -23.63	112.96 10.14 -12.74	131.51 13.81 -0.59	257.79 26.13 -2.48	133.59 12.74 0.00	120.19 11.86 -10.27	128.56 10.86 -33.04	175.88 6.43 -120.07	204.38 10.19 -117.57	270.51 12.83 -159.15	274.88 9.20 -197.14	333.73 7.34 -271.17	185.22 4.94 -139.16	214.90 5.05 -162.49	90.48 5.78 -31.56
ASTORIA_EAST_ENERGY_CC1 323581	119.73 5.12 -54.81	112.30 6.53 -25.04	106.41 4.89 -39.25	129.29 9.28 0.00	126.76 8.60 -9.54	83.29 5.15 -18.11	197.17 10.01 -77.30	140.51 10.39 -22.63	99.55 7.23 -19.54	85.77 6.62 -15.70	128.51 9.04 -29.39	129.62 12.14 -0.37	252.85 22.49 -1.18	132.73 11.88 0.00	131.65 9.92 -23.67	154.36 8.68 -61.02	205.15 4.94 -150.83	259.00 7.54 -174.85	296.60 9.74 -188.32	320.06 6.79 -244.74	430.65 5.41 -370.02	147.76 4.02 -102.61	129.35 4.50 -77.51	73.18 4.98 -15.05
ASTORIA_EAST_ENERGY_CC2 323582	119.74 5.13 -54.81	112.30 6.53 -25.04	106.41 4.89 -39.25	129.30 9.29 0.00	126.76 8.60 -9.54	83.29 5.15 -18.11	197.17 10.01 -77.30	140.51 10.39 -22.63	99.55 7.23 -19.54	85.77 6.62 -15.70	128.51 9.04 -29.39	129.62 12.14 -0.37	252.85 22.49 -1.18	132.73 11.88 0.00	131.65 9.92 -23.67	154.36 8.68 -61.02	205.15 4.94 -150.83	259.00 7.54 -174.85	296.60 9.74 -188.32	320.06 6.79 -244.74	430.65 5.41 -370.02	147.76 4.02 -102.61	129.36 4.50 -77.51	73.18 4.98 -15.05
ASTORIA_GT2_1 24094	119.76 5.16 -54.81	112.33 6.56 -25.04	106.42 4.90 -39.25	129.36 9.35 0.00	126.81 8.64 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.27 -19.54	85.81 6.66 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.91 22.54 -1.18	132.79 11.93 0.00	131.72 9.98 -23.67	154.39 8.71 -61.02	205.17 4.96 -150.83	259.03 7.56 -174.85	296.66 9.80 -188.32	320.10 6.83 -244.74	430.69 5.44 -370.02	147.78 4.04 -102.61	129.39 4.53 -77.51	73.18 4.98 -15.05
ASTORIA_GT2_2 24095	119.76 5.16 -54.81	112.33 6.56 -25.04	106.42 4.90 -39.25	129.36 9.35 0.00	126.81 8.64 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.27 -19.54	85.81 6.66 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.91 22.54 -1.18	132.79 11.93 0.00	131.72 9.98 -23.67	154.39 8.71 -61.02	205.17 4.96 -150.83	259.03 7.56 -174.85	296.66 9.80 -188.32	320.10 6.83 -244.74	430.69 5.44 -370.02	147.78 4.04 -102.61	129.39 4.53 -77.51	73.18 4.98 -15.05
ASTORIA_GT2_3 24096	119.76 5.16 -54.81	112.33 6.56 -25.04	106.42 4.90 -39.25	129.36 9.35 0.00	126.81 8.64 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.27 -19.54	85.81 6.66 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.91 22.54 -1.18	132.79 11.93 0.00	131.72 9.98 -23.67	154.39 8.71 -61.02	205.17 4.96 -150.83	259.03 7.56 -174.85	296.66 9.80 -188.32	320.10 6.83 -244.74	430.69 5.44 -370.02	147.78 4.04 -102.61	129.39 4.53 -77.51	73.18 4.98 -15.05
ASTORIA_GT2_4 24097	119.76 5.16 -54.81	112.33 6.56 -25.04	106.42 4.90 -39.25	129.36 9.35 0.00	126.81 8.64 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.27 -19.54	85.81 6.66 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.91 22.54 -1.18	132.79 11.93 0.00	131.72 9.98 -23.67	154.39 8.71 -61.02	205.17 4.96 -150.83	259.03 7.56 -174.85	296.66 9.80 -188.32	320.10 6.83 -244.74	430.69 5.44 -370.02	147.78 4.04 -102.61	129.39 4.53 -77.51	73.18 4.98 -15.05
ASTORIA_GT3_1 24098	119.76 5.16 -54.81	112.33 6.56 -25.04	106.42 4.90 -39.25	129.36 9.35 0.00	126.81 8.64 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.27 -19.54	85.81 6.66 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.91 22.54 -1.18	132.79 11.93 0.00	131.72 9.98 -23.67	154.39 8.71 -61.02	205.17 4.96 -150.83	259.03 7.56 -174.85	296.66 9.80 -188.32	320.10 6.83 -244.74	430.69 5.44 -370.02	147.78 4.04 -102.61	129.39 4.53 -77.51	73.18 4.98 -15.05
ASTORIA_GT3_2 24099	119.76 5.16 -54.81	112.33 6.56 -25.04	106.42 4.90 -39.25	129.36 9.35 0.00	126.81 8.64 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.27 -19.54	85.81 6.66 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.91 22.54 -1.18	132.79 11.93 0.00	131.72 9.98 -23.67	154.39 8.71 -61.02	205.17 4.96 -150.83	259.03 7.56 -174.85	296.66 9.80 -188.32	320.10 6.83 -244.74	430.69 5.44 -370.02	147.78 4.04 -102.61	129.39 4.53 -77.51	73.18 4.98 -15.05
ASTORIA_GT3_3 24100	119.76 5.16 -54.81	112.33 6.56 -25.04	106.42 4.90 -39.25	129.36 9.35 0.00	126.81 8.64 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.27 -19.54	85.81 6.66 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.91 22.54 -1.18	132.79 11.93 0.00	131.72 9.98 -23.67	154.39 8.71 -61.02	205.17 4.96 -150.83	259.03 7.56 -174.85	296.66 9.80 -188.32	320.10 6.83 -244.74	430.69 5.44 -370.02	147.78 4.04 -102.61	129.39 4.53 -77.51	73.18 4.98 -15.05
ASTORIA_GT3_4 24101	119.76 5.16 -54.81	112.33 6.56 -25.04	106.42 4.90 -39.25	129.36 9.35 0.00	126.81 8.64 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.27 -19.54	85.81 6.66 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.91 22.54 -1.18	132.79 11.93 0.00	131.72 9.98 -23.67	154.39 8.71 -61.02	205.17 4.96 -150.83	259.03 7.56 -174.85	296.66 9.80 -188.32	320.10 6.83 -244.74	430.69 5.44 -370.02	147.78 4.04 -102.61	129.39 4.53 -77.51	73.18 4.98 -15.05
ASTORIA_GT4_1 24102	119.76 5.16 -54.81	112.33 6.56 -25.04	106.42 4.90 -39.25	129.36 9.35 0.00	126.81 8.64 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.27 -19.54	85.81 6.66 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.91 22.54 -1.18	132.79 11.93 0.00	131.72 9.98 -23.67	154.39 8.71 -61.02	205.17 4.96 -150.83	259.03 7.56 -174.85	296.66 9.80 -188.32	320.10 6.83 -244.74	430.69 5.44 -370.02	147.78 4.04 -102.61	129.39 4.53 -77.51	73.18 4.98 -15.05
ASTORIA_GT4_2 24103	119.76 5.16 -54.81	112.33 6.56 -25.04	106.42 4.90 -39.25	129.36 9.35 0.00	126.81 8.64 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.27 -19.54	85.81 6.66 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.91 22.54 -1.18	132.79 11.93 0.00	131.72 9.98 -23.67	154.39 8.71 -61.02	205.17 4.96 -150.83	259.03 7.56 -174.85	296.66 9.80 -188.32	320.10 6.83 -244.74	430.69 5.44 -370.02	147.78 4.04 -102.61	129.39 4.53 -77.51	73.18 4.98 -15.05
ASTORIA_GT4_3 24104	119.76 5.16 -54.81	112.33 6.56 -25.04	106.42 4.90 -39.25	129.36 9.35 0.00	126.81 8.64 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.27 -19.54	85.81 6.66 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.91 22.54 -1.18	132.79 11.93 0.00	131.72 9.98 -23.67	154.39 8.71 -61.02	205.17 4.96 -150.83	259.03 7.56 -174.85	296.66 9.80 -188.32	320.10 6.83 -244.74	430.69 5.44 -370.02	147.78 4.04 -102.61	129.39 4.53 -77.51	73.18 4.98 -15.05

ASTORIA_GT4_4 24105	119.76 5.16 -54.81	112.33 6.56 -25.04	106.42 4.90 -39.25	129.36 9.35 0.00	126.81 8.64 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.27 -19.54	85.81 6.66 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.91 22.54 -1.18	132.79 11.93 0.00	131.72 9.98 -23.67	154.39 8.71 -61.02	205.17 4.96 -150.83	259.03 7.56 -174.85	296.66 9.80 -188.32	320.10 6.83 -244.74	430.69 5.44 -370.02	147.78 4.04 -102.61	129.39 4.53 -77.51	73.18 4.98 -15.05
ASTORIA_GT_1 23523	119.87 5.27 -54.81	112.49 6.72 -25.04	106.54 5.02 -39.25	129.55 9.53 0.00	127.00 8.83 -9.54	83.43 5.29 -18.11	197.47 10.30 -77.30	140.80 10.68 -22.63	99.75 7.44 -19.54	85.96 6.80 -15.70	128.77 9.31 -29.39	129.98 12.49 -0.37	253.53 23.16 -1.18	133.05 12.20 0.00	131.95 10.21 -23.67	154.60 8.92 -61.02	205.29 5.08 -150.83	259.23 7.77 -174.85	296.89 10.03 -188.32	320.26 6.99 -244.74	430.81 5.57 -370.02	147.88 4.14 -102.61	129.48 4.62 -77.51	73.31 5.11 -15.05
ASTORIA_GT_10 24110	119.72 5.11 -54.81	112.33 6.56 -25.04	106.48 4.96 -39.25	129.31 9.30 0.00	126.89 8.72 -9.54	83.38 5.24 -18.11	197.22 10.06 -77.30	140.54 10.42 -22.63	99.65 7.34 -19.54	85.89 6.73 -15.70	129.09 9.62 -29.39	130.18 12.70 -0.37	253.40 23.03 -1.18	133.20 12.35 0.00	132.09 10.35 -23.67	154.68 9.00 -61.02	205.30 5.09 -150.83	259.26 7.79 -174.85	297.06 10.20 -188.32	320.25 6.98 -244.74	430.78 5.54 -370.02	147.83 4.09 -102.61	129.34 4.48 -77.51	73.13 4.93 -15.05
ASTORIA_GT_11 24225	119.72 5.11 -54.81	112.33 6.56 -25.04	106.48 4.96 -39.25	129.31 9.30 0.00	126.89 8.72 -9.54	83.38 5.24 -18.11	197.22 10.06 -77.30	140.54 10.42 -22.63	99.65 7.34 -19.54	85.89 6.73 -15.70	129.09 9.62 -29.39	130.18 12.70 -0.37	253.40 23.03 -1.18	133.20 12.35 0.00	132.09 10.35 -23.67	154.68 9.00 -61.02	205.30 5.09 -150.83	259.26 7.79 -174.85	297.06 10.20 -188.32	320.25 6.98 -244.74	430.78 5.54 -370.02	147.83 4.09 -102.61	129.34 4.48 -77.51	73.13 4.93 -15.05
ASTORIA_GT_12 24226	119.72 5.11 -54.81	112.33 6.56 -25.04	106.48 4.96 -39.25	129.31 9.30 0.00	126.89 8.72 -9.54	83.38 5.24 -18.11	197.22 10.06 -77.30	140.54 10.42 -22.63	99.65 7.34 -19.54	85.89 6.73 -15.70	129.09 9.62 -29.39	130.18 12.70 -0.37	253.40 23.03 -1.18	133.20 12.35 0.00	132.09 10.35 -23.67	154.68 9.00 -61.02	205.30 5.09 -150.83	259.26 7.79 -174.85	297.06 10.20 -188.32	320.25 6.98 -244.74	430.78 5.54 -370.02	147.83 4.09 -102.61	129.34 4.48 -77.51	73.13 4.93 -15.05
ASTORIA_GT_13 24227	119.72 5.11 -54.81	112.33 6.56 -25.04	106.48 4.96 -39.25	129.31 9.30 0.00	126.89 8.72 -9.54	83.38 5.24 -18.11	197.22 10.06 -77.30	140.54 10.42 -22.63	99.65 7.34 -19.54	85.89 6.73 -15.70	129.09 9.62 -29.39	130.18 12.70 -0.37	253.40 23.03 -1.18	133.20 12.35 0.00	132.09 10.35 -23.67	154.68 9.00 -61.02	205.30 5.09 -150.83	259.26 7.79 -174.85	297.06 10.20 -188.32	320.25 6.98 -244.74	430.78 5.54 -370.02	147.83 4.09 -102.61	129.34 4.48 -77.51	73.13 4.93 -15.05
ASTORIA_GT_5 24106	119.87 5.26 -54.81	112.49 6.72 -25.04	106.54 5.02 -39.25	129.57 9.55 0.00	127.00 8.83 -9.54	83.43 5.28 -18.11	197.43 10.26 -77.30	140.80 10.68 -22.63	99.75 7.43 -19.54	85.96 6.81 -15.70	128.78 9.31 -29.39	129.99 12.51 -0.37	253.50 23.14 -1.18	133.05 12.20 0.00	131.95 10.21 -23.67	154.60 8.93 -61.02	205.30 5.09 -150.83	259.23 7.77 -174.85	296.89 10.03 -188.32	320.26 6.99 -244.74	430.82 5.57 -370.02	147.88 4.14 -102.61	129.49 4.63 -77.51	73.29 5.09 -15.05
ASTORIA_GT_7 24107	119.87 5.26 -54.81	112.49 6.72 -25.04	106.54 5.02 -39.25	129.57 9.55 0.00	127.00 8.83 -9.54	83.43 5.28 -18.11	197.43 10.26 -77.30	140.80 10.68 -22.63	99.75 7.43 -19.54	85.96 6.81 -15.70	128.78 9.31 -29.39	129.99 12.51 -0.37	253.50 23.14 -1.18	133.05 12.20 0.00	131.95 10.21 -23.67	154.60 8.93 -61.02	205.30 5.09 -150.83	259.23 7.77 -174.85	296.89 10.03 -188.32	320.26 6.99 -244.74	430.82 5.57 -370.02	147.88 4.14 -102.61	129.49 4.63 -77.51	73.29 5.09 -15.05
ASTORIA_GT_8 24108	119.87 5.26 -54.81	112.49 6.72 -25.04	106.54 5.02 -39.25	129.57 9.55 0.00	127.00 8.83 -9.54	83.43 5.28 -18.11	197.43 10.26 -77.30	140.80 10.68 -22.63	99.75 7.43 -19.54	85.96 6.81 -15.70	128.78 9.31 -29.39	129.99 12.51 -0.37	253.50 23.14 -1.18	133.05 12.20 0.00	131.95 10.21 -23.67	154.60 8.93 -61.02	205.30 5.09 -150.83	259.23 7.77 -174.85	296.89 10.03 -188.32	320.26 6.99 -244.74	430.82 5.57 -370.02	147.88 4.14 -102.61	129.49 4.63 -77.51	73.29 5.09 -15.05
ASTORIA___2 24149	119.76 5.15 -54.81	112.33 6.56 -25.04	106.42 4.91 -39.25	129.36 9.35 0.00	126.82 8.65 -9.54	83.33 5.19 -18.11	197.24 10.08 -77.30	140.57 10.45 -22.63	99.59 7.28 -19.54	85.79 6.64 -15.70	128.58 9.11 -29.39	129.70 12.22 -0.37	252.94 22.57 -1.18	132.80 11.95 0.00	131.72 9.98 -23.67	154.39 8.72 -61.02	205.17 4.96 -150.83	259.02 7.56 -174.85	296.66 9.80 -188.32	320.08 6.81 -244.74	430.69 5.45 -370.02	147.78 4.04 -102.61	129.38 4.52 -77.51	73.20 5.00 -15.05
ASTORIA___3 23516	119.71 5.11 -54.81	112.33 6.56 -25.04	106.48 4.96 -39.25	129.30 9.29 0.00	126.89 8.72 -9.54	83.39 5.25 -18.11	197.22 10.06 -77.30	140.54 10.42 -22.63	99.65 7.34 -19.54	85.88 6.73 -15.70	129.09 9.62 -29.39	130.17 12.69 -0.37	253.41 23.05 -1.18	133.21 12.36 0.00	132.08 10.34 -23.67	154.68 9.00 -61.02	205.31 5.10 -150.83	259.26 7.79 -174.85	297.06 10.20 -188.32	320.25 6.98 -244.74	430.79 5.55 -370.02	147.83 4.09 -102.61	129.34 4.48 -77.51	73.13 4.94 -15.05
ASTORIA___4 23517	119.72 5.11 -54.81	112.33 6.56 -25.04	106.48 4.96 -39.25	129.31 9.30 0.00	126.89 8.72 -9.54	83.38 5.24 -18.11	197.22 10.06 -77.30	140.54 10.42 -22.63	99.65 7.34 -19.54	85.89 6.73 -15.70	129.09 9.62 -29.39	130.18 12.70 -0.37	253.40 23.03 -1.18	133.20 12.35 0.00	132.09 10.35 -23.67	154.68 9.00 -61.02	205.30 5.09 -150.83	259.26 7.79 -174.85	297.06 10.20 -188.32	320.25 6.98 -244.74	430.78 5.54 -370.02	147.83 4.09 -102.61	129.34 4.48 -77.51	73.13 4.93 -15.05
ASTORIA___5 23518	119.71 5.11 -54.81	112.33 6.56 -25.04	106.48 4.96 -39.25	129.30 9.29 0.00	126.89 8.72 -9.54	83.39 5.25 -18.11	197.22 10.06 -77.30	140.54 10.42 -22.63	99.65 7.34 -19.54	85.88 6.73 -15.70	129.09 9.62 -29.39	130.17 12.69 -0.37	253.41 23.05 -1.18	133.21 12.36 0.00	132.08 10.34 -23.67	154.68 9.00 -61.02	205.31 5.10 -150.83	259.26 7.79 -174.85	297.06 10.20 -188.32	320.25 6.98 -244.74	430.79 5.55 -370.02	147.83 4.09 -102.61	129.34 4.48 -77.51	73.13 4.94 -15.05
AST_ENERGY_2_CC3 323677	119.47 4.86 -54.81	112.00 6.23 -25.04	106.24 4.72 -39.25	128.82 8.81 0.00	126.43 8.26 -9.54	83.11 4.96 -18.11	196.69 9.54 -77.29	139.95 9.83 -22.63	99.33 7.02 -19.53	85.60 6.44 -15.70	128.66 9.19 -29.39	129.57 12.09 -0.37	252.37 22.01 -1.18	111.82 11.80 20.83	48.17 9.77 59.67	154.11 8.45 -61.01	205.00 4.80 -150.81	258.72 7.28 -174.83	296.35 9.51 -188.30	319.79 6.55 -244.71	430.39 5.19 -369.97	147.54 3.81 -102.60	129.04 4.19 -77.50	72.85 4.66 -15.05
AST_ENERGY_2_CC4 323678	119.47 4.86 -54.81	112.00 6.23 -25.04	106.24 4.72 -39.25	128.82 8.81 0.00	126.43 8.26 -9.54	83.11 4.96 -18.11	196.69 9.54 -77.29	139.95 9.83 -22.63	99.33 7.02 -19.53	85.60 6.44 -15.70	128.66 9.19 -29.39	129.57 12.09 -0.37	252.37 22.01 -1.18	111.82 11.80 20.83	48.17 9.77 59.67	154.11 8.45 -61.01	205.00 4.80 -150.81	258.72 7.28 -174.83	296.35 9.51 -188.30	319.79 6.55 -244.71	430.39 5.19 -369.97	147.54 3.81 -102.60	129.04 4.19 -77.50	72.85 4.66 -15.05

ATHENS_STG_1 23668	124.37 2.94 -61.63	112.76 3.88 -28.15	109.38 2.98 -44.13	125.51 5.50 0.00	124.49 5.13 -10.73	78.45 2.99 -15.43	155.58 5.22 -40.50	124.30 4.96 -11.86	86.50 3.48 -10.23	80.49 3.34 -13.70	139.09 4.79 -44.23	123.92 6.50 -0.32	241.37 11.57 -0.62	126.95 6.10 0.00	138.83 5.14 -35.62	177.14 4.54 -87.95	246.67 2.53 -194.76	318.78 3.69 -238.47	341.18 4.97 -237.67	386.56 3.44 -314.58	549.45 2.76 -491.46	141.81 2.12 -98.57	90.28 2.32 -40.60	63.65 2.63 -7.89
ATHENS_STG_2 23670	124.37 2.94 -61.63	112.76 3.88 -28.15	109.38 2.98 -44.13	125.51 5.50 0.00	124.49 5.13 -10.73	78.45 2.99 -15.43	155.58 5.22 -40.50	124.30 4.96 -11.86	86.50 3.48 -10.23	80.49 3.34 -13.70	139.09 4.79 -44.23	123.92 6.50 -0.32	241.37 11.57 -0.62	126.95 6.10 0.00	138.83 5.14 -35.62	177.14 4.54 -87.95	246.67 2.53 -194.76	318.78 3.69 -238.47	341.18 4.97 -237.67	386.56 3.44 -314.58	549.45 2.76 -491.46	141.81 2.12 -98.57	90.28 2.32 -40.60	63.65 2.63 -7.89
ATHENS_STG_3 23677	124.37 2.94 -61.63	112.76 3.88 -28.15	109.38 2.98 -44.13	125.51 5.50 0.00	124.49 5.13 -10.73	78.45 2.99 -15.43	155.58 5.22 -40.50	124.30 4.96 -11.86	86.50 3.48 -10.23	80.49 3.34 -13.70	139.09 4.79 -44.23	123.92 6.50 -0.32	241.37 11.57 -0.62	126.95 6.10 0.00	138.83 5.14 -35.62	177.14 4.54 -87.95	246.67 2.53 -194.76	318.78 3.69 -238.47	341.18 4.97 -237.67	386.56 3.44 -314.58	549.45 2.76 -491.46	141.81 2.12 -98.57	90.28 2.32 -40.60	63.65 2.63 -7.89
AUBURN___LFGE 323710	68.08 0.40 -7.88	84.77 0.47 -3.56	68.03 0.17 -5.58	120.00 -0.01 0.00	110.07 0.09 -1.36	61.89 0.45 -1.41	110.86 1.00 0.00	108.52 1.04 0.00	73.66 0.88 0.00	64.52 0.87 -0.20	92.15 1.00 -1.07	119.41 0.99 -1.31	230.34 1.16 0.00	121.68 0.83 0.00	99.99 1.06 -0.86	87.74 1.02 -2.08	54.30 0.62 -4.29	83.25 1.18 -5.45	105.31 1.61 -5.16	76.43 0.98 -6.92	67.59 0.65 -11.71	43.28 0.44 -1.72	47.75 0.25 -0.14	53.39 0.25 0.00
BABYLON_RES_REC 323704	120.80 6.19 -54.82	113.86 8.09 -25.04	107.58 6.05 -39.25	131.60 11.59 0.00	128.78 10.61 -9.55	84.44 6.30 -18.11	199.39 12.21 -77.32	146.55 12.04 -27.03	99.90 7.59 -19.54	85.77 6.62 -15.71	132.06 9.65 -32.33	129.83 12.36 -0.37	253.97 21.82 -2.97	135.68 12.73 -2.10	132.52 10.66 -23.80	156.25 9.63 -61.96	205.51 5.27 -150.86	258.96 7.46 -174.89	298.84 10.68 -189.63	321.09 7.76 -244.80	431.39 6.07 -370.10	148.34 4.58 -102.64	130.36 5.48 -77.53	74.12 5.91 -15.06
BABYLON__69_KV_BK2 356345	121.58 6.97 -54.82	114.90 9.12 -25.04	108.38 6.86 -39.25	133.20 13.19 0.00	130.19 12.02 -9.55	85.29 7.14 -18.11	201.00 13.82 -77.32	148.77 14.13 -27.16	101.43 9.11 -19.54	87.07 7.91 -15.71	133.82 11.41 -32.33	131.61 14.13 -0.37	256.87 24.72 -2.97	138.14 15.19 -2.10	134.52 12.65 -23.80	158.09 11.47 -61.96	206.66 6.41 -150.86	260.95 9.45 -174.89	301.47 13.31 -189.63	322.78 9.45 -244.80	432.74 7.42 -370.10	149.22 5.45 -102.64	131.08 6.20 -77.53	74.84 6.64 -15.06
BALL_HILL_WT_PWR 323825	64.78 -4.33 -9.31	79.10 -5.99 -4.36	64.79 -4.31 -6.83	111.24 -8.78 0.00	101.66 -8.63 -1.66	58.73 -4.23 -2.93	112.81 -8.40 -11.34	102.71 -8.09 -3.32	70.88 -4.77 -2.87	61.14 -4.04 -1.74	85.59 -5.80 -1.32	106.01 -7.76 3.34	213.92 -15.43 -0.17	113.44 -7.41 0.00	93.32 -5.81 -1.06	82.62 -5.18 -3.14	56.58 -2.91 -10.11	82.51 -4.51 -10.40	105.89 -5.85 -13.20	80.49 -4.60 -16.56	73.14 -3.69 -21.60	48.73 -2.64 -10.25	55.29 -3.07 -11.00	52.35 -3.01 -2.21
BARON_WINDS___WT_PWR 323822	68.53 -3.52 -12.25	81.70 -4.81 -5.78	68.22 -3.11 -9.06	114.15 -5.86 0.00	105.03 -5.79 -2.20	61.08 -2.86 -3.91	119.43 -5.71 -15.28	106.42 -5.54 -4.47	73.50 -3.15 -3.86	63.14 -2.65 -2.34	87.72 -4.13 -1.77	106.05 -5.26 5.80	219.21 -10.21 -0.23	116.61 -4.24 0.00	96.61 -2.88 -1.42	86.12 -2.75 -4.21	61.37 -1.60 -13.59	88.19 -2.39 -13.96	113.15 -3.11 -17.73	88.05 -2.72 -22.24	81.26 -2.29 -28.32	52.96 -1.89 -13.73	59.70 -2.34 -14.68	53.77 -2.35 -2.98
BARRETT_IC_1 23704	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	173.99 9.58 -74.33	129.61 12.12 -0.38	272.59 20.68 -22.72	157.89 12.50 -24.53	133.66 10.46 -25.14	165.99 9.11 -72.23	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06
BARRETT_IC_10 23701	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	143.57 9.58 -43.91	129.61 12.12 -0.38	258.29 20.68 -8.42	152.42 12.50 -19.06	133.65 10.46 -25.13	158.56 9.11 -64.80	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06
BARRETT_IC_11 23702	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	143.57 9.58 -43.91	129.61 12.12 -0.38	258.29 20.68 -8.42	152.42 12.50 -19.06	133.65 10.46 -25.13	158.56 9.11 -64.80	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06
BARRETT_IC_12 23703	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	143.57 9.58 -43.91	129.61 12.12 -0.38	258.29 20.68 -8.42	152.42 12.50 -19.06	133.65 10.46 -25.13	158.56 9.11 -64.80	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06
BARRETT_IC_2 23705	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	173.99 9.58 -74.33	129.61 12.12 -0.38	272.59 20.68 -22.72	157.89 12.50 -24.53	133.66 10.46 -25.14	165.99 9.11 -72.23	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06
BARRETT_IC_3 23706	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	173.99 9.58 -74.33	129.61 12.12 -0.38	272.59 20.68 -22.72	157.89 12.50 -24.53	133.66 10.46 -25.14	165.99 9.11 -72.23	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06
BARRETT_IC_4 23707	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	173.99 9.58 -74.33	129.61 12.12 -0.38	272.59 20.68 -22.72	157.89 12.50 -24.53	133.66 10.46 -25.14	165.99 9.11 -72.23	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06

BARRETT_IC_5 23708	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	173.99 9.58 -74.33	129.61 12.12 -0.38	272.59 20.68 -22.72	157.89 12.50 -24.53	133.66 10.46 -25.14	165.99 9.11 -72.23	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06
BARRETT_IC_6 23709	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	173.99 9.58 -74.33	129.61 12.12 -0.38	272.59 20.68 -22.72	157.89 12.50 -24.53	133.66 10.46 -25.14	165.99 9.11 -72.23	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06
BARRETT_IC_7 23710	120.04 5.42 -54.82	112.83 7.05 -25.04	106.80 5.27 -39.25	130.00 9.99 0.00	127.33 9.16 -9.55	83.58 5.43 -18.11	197.44 10.26 -77.31	140.58 10.83 -22.27	99.40 7.08 -19.54	85.57 6.42 -15.71	173.99 9.58 -74.33	129.61 12.12 -0.38	272.64 20.73 -22.72	157.97 12.59 -24.53	133.74 10.53 -25.14	165.99 9.11 -72.23	205.02 4.78 -150.86	258.68 7.18 -174.89	298.30 10.15 -189.62	320.52 7.19 -244.80	430.89 5.57 -370.10	147.99 4.23 -102.64	129.73 4.85 -77.53	73.34 5.14 -15.06
BARRETT_IC_8 23711	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	173.99 9.58 -74.33	129.61 12.12 -0.38	272.59 20.68 -22.72	157.89 12.50 -24.53	133.66 10.46 -25.14	165.99 9.11 -72.23	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06
BARRETT_IC_9 23700	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	143.57 9.58 -43.91	129.61 12.12 -0.38	258.29 20.68 -8.42	152.42 12.50 -19.06	133.65 10.46 -25.13	158.56 9.11 -64.80	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06
BARRETT___1 23545	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	173.99 9.58 -74.33	129.61 12.12 -0.38	272.59 20.68 -22.72	157.89 12.50 -24.53	133.66 10.46 -25.14	165.99 9.11 -72.23	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06
BARRETT___2 23546	120.05 5.44 -54.82	112.83 7.05 -25.04	106.79 5.27 -39.25	129.98 9.97 0.00	127.33 9.16 -9.55	83.59 5.44 -18.11	197.45 10.27 -77.31	140.59 10.83 -22.27	99.40 7.08 -19.54	85.56 6.40 -15.71	143.57 9.58 -43.91	129.61 12.12 -0.38	258.29 20.68 -8.42	152.42 12.50 -19.06	133.65 10.46 -25.13	158.56 9.11 -64.80	205.02 4.78 -150.86	258.69 7.19 -174.89	298.32 10.15 -189.63	320.53 7.20 -244.80	430.89 5.56 -370.10	147.99 4.23 -102.64	129.71 4.83 -77.53	73.34 5.14 -15.06
BATAVIA__115KV_TB1 55881	65.70 -2.11 -8.01	81.39 -3.08 -3.74	65.92 -2.21 -5.86	115.21 -4.80 0.00	105.31 -4.74 -1.43	59.45 -2.06 -1.48	105.67 -4.19 0.00	103.49 -3.99 0.00	70.72 -2.06 0.00	61.76 -1.90 -0.21	87.99 -3.21 -1.12	110.57 -4.08 2.46	219.97 -9.21 0.00	116.35 -4.50 0.00	95.19 -3.77 -0.90	83.72 -3.11 -2.18	52.17 -1.71 -4.51	79.83 -2.51 -5.73	100.70 -3.26 -5.42	73.01 -2.78 -7.27	63.32 -2.19 -10.29	41.21 -1.55 -1.63	45.28 -1.80 0.27	51.43 -1.71 0.00
BAYONEEC___CTG1 323682	119.45 4.84 -54.81	111.97 6.20 -25.04	106.23 4.71 -39.25	128.81 8.80 0.00	126.43 8.26 -9.54	83.12 4.98 -18.11	196.79 9.64 -77.29	139.98 9.86 -22.63	99.29 6.98 -19.53	85.58 6.43 -15.70	128.64 9.17 -29.39	129.54 12.06 -0.37	252.47 22.10 -1.18	132.70 11.85 0.00	131.58 9.85 -23.67	154.27 8.60 -61.01	205.07 4.88 -150.81	258.85 7.41 -174.83	296.53 9.69 -188.30	319.90 6.66 -244.71	430.49 5.29 -369.97	147.63 3.90 -102.60	129.14 4.29 -77.50	72.94 4.75 -15.05
BAYONEEC___CTG10 323750	119.45 4.84 -54.81	111.97 6.20 -25.04	106.23 4.71 -39.25	128.81 8.80 0.00	126.43 8.26 -9.54	83.12 4.98 -18.11	196.79 9.64 -77.29	139.98 9.86 -22.63	99.29 6.98 -19.53	85.58 6.43 -15.70	128.64 9.17 -29.39	129.54 12.06 -0.37	252.47 22.10 -1.18	132.70 11.85 0.00	131.58 9.85 -23.67	154.27 8.60 -61.01	205.07 4.88 -150.81	258.85 7.41 -174.83	296.53 9.69 -188.30	319.90 6.66 -244.71	430.49 5.29 -369.97	147.63 3.90 -102.60	129.14 4.29 -77.50	72.94 4.75 -15.05
BAYONEEC___CTG2 323683	119.45 4.84 -54.81	111.97 6.20 -25.04	106.23 4.71 -39.25	128.81 8.80 0.00	126.43 8.26 -9.54	83.12 4.98 -18.11	196.79 9.64 -77.29	139.98 9.86 -22.63	99.29 6.98 -19.53	85.58 6.43 -15.70	128.64 9.17 -29.39	129.54 12.06 -0.37	252.47 22.10 -1.18	132.70 11.85 0.00	131.58 9.85 -23.67	154.27 8.60 -61.01	205.07 4.88 -150.81	258.85 7.41 -174.83	296.53 9.69 -188.30	319.90 6.66 -244.71	430.49 5.29 -369.97	147.63 3.90 -102.60	129.14 4.29 -77.50	72.94 4.75 -15.05
BAYONEEC___CTG3 323684	119.45 4.84 -54.81	111.97 6.20 -25.04	106.23 4.71 -39.25	128.81 8.80 0.00	126.43 8.26 -9.54	83.12 4.98 -18.11	196.79 9.64 -77.29	139.98 9.86 -22.63	99.29 6.98 -19.53	85.58 6.43 -15.70	128.64 9.17 -29.39	129.54 12.06 -0.37	252.47 22.10 -1.18	132.70 11.85 0.00	131.58 9.85 -23.67	154.27 8.60 -61.01	205.07 4.88 -150.81	258.85 7.41 -174.83	296.53 9.69 -188.30	319.90 6.66 -244.71	430.49 5.29 -369.97	147.63 3.90 -102.60	129.14 4.29 -77.50	72.94 4.75 -15.05
BAYONEEC___CTG4 323685	119.45 4.84 -54.81	111.97 6.20 -25.04	106.23 4.71 -39.25	128.81 8.80 0.00	126.43 8.26 -9.54	83.12 4.98 -18.11	196.79 9.64 -77.29	139.98 9.86 -22.63	99.29 6.98 -19.53	85.58 6.43 -15.70	128.64 9.17 -29.39	129.54 12.06 -0.37	252.47 22.10 -1.18	132.70 11.85 0.00	131.58 9.85 -23.67	154.27 8.60 -61.01	205.07 4.88 -150.81	258.85 7.41 -174.83	296.53 9.69 -188.30	319.90 6.66 -244.71	430.49 5.29 -369.97	147.63 3.90 -102.60	129.14 4.29 -77.50	72.94 4.75 -15.05
BAYONEEC___CTG5 323686	119.45 4.84 -54.81	111.97 6.20 -25.04	106.23 4.71 -39.25	128.81 8.80 0.00	126.43 8.26 -9.54	83.12 4.98 -18.11	196.79 9.64 -77.29	139.98 9.86 -22.63	99.29 6.98 -19.53	85.58 6.43 -15.70	128.64 9.17 -29.39	129.54 12.06 -0.37	252.47 22.10 -1.18	132.70 11.85 0.00	131.58 9.85 -23.67	154.27 8.60 -61.01	205.07 4.88 -150.81	258.85 7.41 -174.83	296.53 9.69 -188.30	319.90 6.66 -244.71	430.49 5.29 -369.97	147.63 3.90 -102.60	129.14 4.29 -77.50	72.94 4.75 -15.05
BAYONEEC___CTG6 323687	119.45 4.84 -54.81	111.97 6.20 -25.04	106.23 4.71 -39.25	128.81 8.80 0.00	126.43 8.26 -9.54	83.12 4.98 -18.11	196.79 9.64 -77.29	139.98 9.86 -22.63	99.29 6.98 -19.53	85.58 6.43 -15.70	128.64 9.17 -29.39	129.54 12.06 -0.37	252.47 22.10 -1.18	132.70 11.85 0.00	131.58 9.85 -23.67	154.27 8.60 -61.01	205.07 4.88 -150.81	258.85 7.41 -174.83	296.53 9.69 -188.30	319.90 6.66 -244.71	430.49 5.29 -369.97	147.63 3.90 -102.60	129.14 4.29 -77.50	72.94 4.75 -15.05

BAYONEEC___CTG7 323688	119.45 4.84 -54.81	111.97 6.20 -25.04	106.23 4.71 -39.25	128.81 8.80 0.00	126.43 8.26 -9.54	83.12 4.98 -18.11	196.79 9.64 -77.29	139.98 9.86 -22.63	99.29 6.98 -19.53	85.58 6.43 -15.70	128.64 9.17 -29.39	129.54 12.06 -0.37	252.47 22.10 -1.18	132.70 11.85 0.00	131.58 9.85 -23.67	154.27 8.60 -61.01	205.07 4.88 -150.81	258.85 7.41 -174.83	296.53 9.69 -188.30	319.90 6.66 -244.71	430.49 5.29 -369.97	147.63 3.90 -102.60	129.14 4.29 -77.50	72.94 4.75 -15.05
BAYONEEC___CTG8 323689	119.45 4.84 -54.81	111.97 6.20 -25.04	106.23 4.71 -39.25	128.81 8.80 0.00	126.43 8.26 -9.54	83.12 4.98 -18.11	196.79 9.64 -77.29	139.98 9.86 -22.63	99.29 6.98 -19.53	85.58 6.43 -15.70	128.64 9.17 -29.39	129.54 12.06 -0.37	252.47 22.10 -1.18	132.70 11.85 0.00	131.58 9.85 -23.67	154.27 8.60 -61.01	205.07 4.88 -150.81	258.85 7.41 -174.83	296.53 9.69 -188.30	319.90 6.66 -244.71	430.49 5.29 -369.97	147.63 3.90 -102.60	129.14 4.29 -77.50	72.94 4.75 -15.05
BAYONEEC___CTG9 323749	119.45 4.84 -54.81	111.97 6.20 -25.04	106.23 4.71 -39.25	128.81 8.80 0.00	126.43 8.26 -9.54	83.12 4.98 -18.11	196.79 9.64 -77.29	139.98 9.86 -22.63	99.29 6.98 -19.53	85.58 6.43 -15.70	128.64 9.17 -29.39	129.54 12.06 -0.37	252.47 22.10 -1.18	132.70 11.85 0.00	131.58 9.85 -23.67	154.27 8.60 -61.01	205.07 4.88 -150.81	258.85 7.41 -174.83	296.53 9.69 -188.30	319.90 6.66 -244.71	430.49 5.29 -369.97	147.63 3.90 -102.60	129.14 4.29 -77.50	72.94 4.75 -15.05
BEACON___LESR 323632	131.50 3.69 -68.02	116.77 4.97 -31.07	114.80 3.83 -48.70	126.93 6.92 0.00	126.97 6.51 -11.84	104.78 3.58 -41.16	388.66 6.82 -271.99	193.52 6.41 -79.63	145.95 4.44 -68.73	104.06 4.17 -36.44	100.47 5.97 -4.42	126.03 8.06 -0.87	248.46 15.12 -4.16	128.27 7.42 0.00	107.61 5.98 -3.56	112.60 5.43 -22.51	185.76 2.96 -133.42	191.96 4.46 -110.89	289.78 5.95 -185.29	293.85 4.14 -221.18	338.54 3.36 -279.95	250.82 2.53 -207.17	323.11 3.05 -272.71	109.70 3.59 -52.97
BEAVER RIVER___HYD 24048	62.75 1.11 -1.85	83.38 1.80 -0.84	65.03 1.43 -1.32	122.04 2.03 0.00	110.53 1.58 -0.32	60.66 0.29 -0.33	109.01 -0.85 0.00	107.55 0.07 0.00	73.80 1.02 0.00	64.62 1.16 0.00	91.66 1.58 0.00	118.94 1.83 0.00	233.53 4.34 0.00	123.93 3.08 0.00	100.81 2.74 0.00	87.26 2.61 0.00	51.21 1.83 0.00	79.83 3.22 0.00	102.40 3.87 0.00	70.44 1.90 0.00	56.21 0.98 0.00	41.81 0.68 0.00	48.28 0.92 0.00	54.09 0.94 0.00
BEEBEE_GT_13 23619	65.10 -1.64 -6.94	81.56 -2.40 -3.23	65.61 -1.72 -5.06	116.12 -3.90 0.00	106.19 -3.66 -1.23	59.68 -1.64 -1.28	106.55 -3.31 0.00	104.34 -3.14 0.00	71.12 -1.66 0.00	62.21 -1.43 -0.18	88.66 -2.39 -0.97	112.19 -3.12 1.79	222.44 -6.75 0.00	117.53 -3.32 0.00	96.11 -2.73 -0.78	84.21 -2.32 -1.87	51.97 -1.27 -3.87	79.63 -1.90 -4.91	100.71 -2.48 -4.65	72.72 -2.04 -6.23	62.60 -1.61 -8.99	41.37 -1.17 -1.41	45.71 -1.45 0.20	51.73 -1.41 0.00
BENSHRST_27_KV_BENSHRST_1 355998	135.36 5.80 -69.77	142.87 7.49 -54.64	137.37 5.70 -69.40	147.18 10.60 -16.57	143.21 9.96 -24.63	135.72 5.96 -69.73	217.69 11.35 -96.48	207.45 11.89 -88.08	170.59 8.34 -89.47	153.98 7.58 -82.95	130.50 10.57 -29.85	131.40 13.92 -0.37	256.10 25.72 -1.20	134.54 13.69 0.00	145.39 11.61 -35.73	163.27 10.06 -68.55	206.11 5.74 -151.00	402.47 8.89 -316.97	422.49 11.52 -312.43	375.53 7.95 -299.04	433.39 6.31 -371.85	157.45 4.67 -111.65	131.58 5.10 -79.13	78.57 5.63 -19.80
BETHLEHEM___GRP 23843	130.41 2.53 -68.08	115.25 3.41 -31.10	113.69 2.67 -48.75	124.76 4.75 0.00	124.92 4.44 -11.85	102.68 2.39 -40.26	377.45 4.25 -263.34	188.39 3.80 -77.11	142.06 2.73 -66.55	101.47 2.86 -35.16	97.98 4.27 -3.64	123.46 5.50 -0.85	243.37 10.15 -4.03	125.84 4.99 0.00	104.85 3.85 -2.93	108.71 3.50 -20.55	177.70 1.72 -126.60	183.16 2.46 -104.09	278.19 3.35 -176.30	280.84 2.31 -210.00	321.58 1.93 -264.42	242.22 1.51 -199.59	313.33 1.94 -264.04	106.92 2.49 -51.29
BETHLEHEM___GS1 323560	130.41 2.53 -68.08	115.25 3.41 -31.10	113.68 2.67 -48.75	124.78 4.76 0.00	124.92 4.45 -11.85	102.68 2.39 -40.26	377.45 4.25 -263.34	188.38 3.79 -77.11	142.06 2.73 -66.55	101.47 2.86 -35.16	97.95 4.23 -3.64	123.46 5.50 -0.85	243.35 10.14 -4.03	125.85 5.00 0.00	104.86 3.86 -2.93	108.71 3.50 -20.55	177.71 1.73 -126.60	183.16 2.46 -104.09	278.20 3.36 -176.30	280.85 2.32 -210.00	321.59 1.94 -264.42	242.22 1.51 -199.59	313.33 1.93 -264.04	106.93 2.50 -51.29
BETHLEHEM___GS2 323561	130.41 2.53 -68.08	115.25 3.41 -31.10	113.68 2.67 -48.75	124.78 4.76 0.00	124.92 4.45 -11.85	102.68 2.39 -40.26	377.45 4.25 -263.34	188.38 3.79 -77.11	142.06 2.73 -66.55	101.47 2.86 -35.16	97.95 4.23 -3.64	123.46 5.50 -0.85	243.35 10.14 -4.03	125.85 5.00 0.00	104.86 3.86 -2.93	108.71 3.50 -20.55	177.71 1.73 -126.60	183.16 2.46 -104.09	278.20 3.36 -176.30	280.85 2.32 -210.00	321.59 1.94 -264.42	242.22 1.51 -199.59	313.33 1.93 -264.04	106.93 2.50 -51.29
BETHLEHEM___GS3 323562	130.41 2.53 -68.08	115.25 3.41 -31.10	113.68 2.67 -48.75	124.78 4.76 0.00	124.92 4.45 -11.85	102.68 2.39 -40.26	377.45 4.25 -263.34	188.38 3.79 -77.11	142.06 2.73 -66.55	101.47 2.86 -35.16	97.95 4.23 -3.64	123.46 5.50 -0.85	243.35 10.14 -4.03	125.85 5.00 0.00	104.86 3.86 -2.93	108.71 3.50 -20.55	177.71 1.73 -126.60	183.16 2.46 -104.09	278.20 3.36 -176.30	280.85 2.32 -210.00	321.59 1.94 -264.42	242.22 1.51 -199.59	313.33 1.93 -264.04	106.93 2.50 -51.29
BETHLEHEM___STEEL 23779	65.20 -3.90 -9.30	79.70 -5.38 -4.35	65.26 -3.83 -6.82	112.10 -7.91 0.00	102.49 -7.80 -1.66	59.14 -3.81 -2.92	113.48 -7.71 -11.33	103.16 -7.64 -3.32	71.21 -4.44 -2.86	61.35 -3.84 -1.73	85.61 -5.79 -1.32	106.41 -7.40 3.29	214.08 -15.27 -0.17	113.45 -7.40 0.00	93.15 -5.97 -1.06	82.50 -5.29 -3.14	56.43 -3.05 -10.10	82.25 -4.75 -10.39	105.63 -6.09 -13.18	80.29 -4.77 -16.54	73.08 -3.75 -21.60	48.67 -2.69 -10.24	55.30 -3.05 -10.99	52.37 -2.99 -2.21
BETHLHEM_115KV_TB1 79974	130.34 2.52 -68.03	115.20 3.39 -31.08	113.63 2.65 -48.71	124.75 4.74 0.00	124.91 4.43 -11.85	101.08 2.40 -38.65	362.36 4.18 -248.32	184.00 3.81 -72.70	138.24 2.71 -62.75	99.34 2.81 -33.08	97.26 4.14 -3.04	123.32 5.40 -0.81	243.00 10.01 -3.80	125.77 4.92 0.00	104.36 3.85 -2.45	106.76 3.49 -18.62	168.95 1.77 -117.80	175.28 2.51 -96.15	266.33 3.44 -164.35	266.38 2.37 -195.48	302.48 1.97 -245.29	230.25 1.53 -187.59	298.25 1.92 -248.98	103.92 2.42 -48.36
BETHPAGE_CC_5 323564	120.24 5.62 -54.82	113.12 7.34 -25.04	107.01 5.49 -39.25	130.53 10.52 0.00	127.81 9.63 -9.55	83.82 5.67 -18.11	198.06 10.88 -77.32	145.36 11.23 -26.65	99.77 7.45 -19.54	85.78 6.63 -15.71	133.03 9.64 -33.31	129.47 12.00 -0.37	253.55 20.93 -3.43	136.28 12.69 -2.73	132.56 10.66 -23.84	156.32 9.46 -62.20	205.46 5.22 -150.86	259.19 7.69 -174.89	298.94 10.77 -189.63	320.96 7.64 -244.80	431.29 5.96 -370.10	148.21 4.44 -102.64	129.86 4.98 -77.53	73.60 5.40 -15.06
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	65.43 -3.80 -9.43	79.94 -5.20 -4.41	65.50 -3.69 -6.92	112.44 -7.57 0.00	102.82 -7.49 -1.68	59.34 -3.66 -2.97	113.94 -7.42 -11.50	103.52 -7.33 -3.37	71.48 -4.20 -2.91	61.57 -3.64 -1.76	85.93 -5.48 -1.34	106.77 -6.97 3.36	214.94 -14.42 -0.18	113.90 -6.94 0.00	93.54 -5.60 -1.08	82.86 -4.97 -3.18	56.75 -2.88 -10.25	82.64 -4.52 -10.54	106.13 -5.78 -13.37	80.77 -4.54 -16.78	73.57 -3.56 -21.90	48.95 -2.56 -10.39	55.59 -2.92 -11.15	52.51 -2.87 -2.24

BINGHAMTON___COGEN 23790	77.96 -0.06 -18.23	88.98 -0.12 -8.37	75.38 -0.02 -13.12	119.86 -0.15 0.00	111.73 -0.08 -3.19	66.21 0.32 -5.86	134.41 0.52 -24.02	114.82 0.31 -7.03	79.29 0.44 -6.07	67.59 0.50 -3.64	93.33 0.66 -2.59	116.55 0.79 1.35	230.98 1.43 -0.37	121.85 1.00 0.00	101.29 1.14 -2.09	91.74 0.82 -6.26	70.36 0.35 -20.62	98.18 0.55 -21.01	126.54 1.02 -26.98	102.95 0.64 -33.77	102.30 0.38 -46.69	63.02 0.24 -21.65	71.37 0.09 -23.92	57.95 0.13 -4.68
BIXINCNT_115KV_LOAD 355685	66.26 -3.54 -10.01	81.08 -4.34 -4.69	66.88 -2.74 -7.35	114.08 -5.93 0.00	104.19 -6.22 -1.79	59.93 -3.26 -3.16	115.57 -6.56 -12.26	104.24 -6.84 -3.59	72.21 -3.67 -3.10	62.25 -3.08 -1.87	87.21 -4.29 -1.42	108.12 -5.26 3.73	218.58 -10.79 -0.19	116.25 -4.60 0.00	95.84 -3.37 -1.15	84.89 -3.16 -3.39	58.37 -1.94 -10.93	84.42 -3.43 -11.23	108.23 -4.56 -14.25	82.80 -3.62 -17.88	75.73 -2.76 -23.27	50.18 -2.02 -11.07	56.77 -2.46 -11.88	53.02 -2.51 -2.39
BLACK RIVER___HYD 24047	64.35 2.11 -2.45	85.03 3.18 -1.12	66.50 2.48 -1.75	123.65 3.64 0.00	112.17 3.12 -0.43	61.61 1.13 -0.44	110.69 0.83 0.00	109.42 1.94 0.00	75.41 2.62 0.00	66.10 2.65 0.00	93.40 3.33 0.00	121.01 3.91 0.00	237.32 8.14 0.00	126.29 5.44 0.00	102.92 4.85 0.00	89.42 4.77 0.00	52.65 3.27 0.00	82.25 5.63 0.00	105.47 6.93 0.00	72.34 3.81 0.00	57.55 2.32 0.00	42.68 1.56 0.00	49.09 1.74 0.00	54.83 1.69 0.00
BLACKRVR_115KV_TB2 79977	64.35 2.12 -2.45	85.03 3.18 -1.12	66.51 2.48 -1.75	123.65 3.64 0.00	112.17 3.13 -0.43	61.61 1.13 -0.44	110.69 0.83 0.00	109.43 1.94 0.00	75.41 2.63 0.00	66.10 2.65 0.00	93.40 3.33 0.00	121.02 3.91 0.00	237.32 8.14 0.00	126.28 5.43 0.00	102.92 4.85 0.00	89.43 4.77 0.00	52.65 3.27 0.00	82.25 5.63 0.00	105.46 6.92 0.00	72.34 3.81 0.00	57.55 2.32 0.00	42.68 1.56 0.00	49.09 1.74 0.00	54.83 1.69 0.00
BLISS_WT_PWR 323608	66.09 -3.72 -10.01	80.92 -4.51 -4.69	66.86 -2.77 -7.35	113.93 -6.09 0.00	103.93 -6.48 -1.79	59.71 -3.48 -3.16	115.23 -6.89 -12.26	103.90 -7.18 -3.59	72.05 -3.83 -3.10	62.17 -3.16 -1.87	87.17 -4.33 -1.42	107.98 -5.39 3.73	218.44 -10.93 -0.19	116.25 -4.60 0.00	95.92 -3.28 -1.15	85.01 -3.03 -3.39	58.48 -1.83 -10.93	84.54 -3.30 -11.23	108.22 -4.57 -14.25	82.83 -3.58 -17.88	75.79 -2.71 -23.27	50.18 -2.02 -11.07	56.71 -2.53 -11.88	52.91 -2.63 -2.39
BLUESTONE___WT_PWR 323821	81.24 1.60 -19.84	92.71 2.96 -9.01	79.02 2.63 -14.12	126.15 6.14 0.00	118.25 6.19 -3.43	71.95 3.88 -8.04	159.08 7.09 -42.13	126.14 6.32 -12.33	87.80 4.37 -10.65	73.87 4.35 -6.07	99.03 6.03 -2.92	126.70 7.61 -1.98	243.93 14.10 -0.64	129.08 8.22 0.00	107.88 7.46 -2.35	98.97 6.49 -7.83	82.77 3.76 -29.64	111.45 6.27 -28.57	146.17 8.15 -39.48	122.73 5.48 -48.72	126.67 4.05 -67.39	79.75 2.98 -35.65	92.96 3.17 -42.44	64.25 2.90 -8.20
BLUE_CIRC_CHEM_DRP 24182	129.45 2.71 -66.95	114.97 3.65 -30.58	113.07 2.86 -47.94	125.23 5.22 0.00	125.08 4.80 -11.66	94.95 2.64 -32.27	304.18 4.26 -190.06	167.03 3.90 -55.65	123.44 2.63 -48.03	91.33 2.50 -25.38	96.12 3.40 -2.64	122.73 4.94 -0.68	241.82 9.72 -2.91	125.54 4.69 0.00	103.87 3.68 -2.13	102.98 3.46 -14.86	142.69 1.88 -91.42	154.52 2.70 -75.20	229.49 3.64 -127.32	222.70 2.52 -151.66	248.29 2.07 -190.99	186.81 1.61 -144.07	239.82 1.91 -190.56	92.52 2.36 -37.01
BOC_GAS_DRP 24189	129.87 2.34 -67.74	114.79 3.11 -30.95	113.19 2.41 -48.51	124.39 4.38 0.00	124.51 4.09 -11.80	92.05 2.28 -29.74	278.30 3.62 -164.82	159.09 3.35 -48.26	116.80 2.36 -41.65	87.40 2.38 -21.57	93.54 3.46 0.00	122.41 4.68 -0.62	240.11 8.40 -2.52	125.12 4.27 0.00	101.57 3.51 0.00	96.22 3.13 -8.43	121.04 1.67 -70.00	132.54 2.38 -53.54	201.16 3.26 -99.36	187.48 2.23 -116.71	199.02 1.82 -141.98	163.92 1.42 -121.38	214.24 1.63 -165.26	87.21 1.97 -32.10
BOONVILLE_115KV_TB1 79983	63.45 1.90 -1.75	84.18 2.65 -0.80	65.60 2.07 -1.25	123.59 3.58 0.00	112.24 3.31 -0.30	62.03 1.68 -0.32	112.47 2.60 0.00	110.67 3.18 0.00	75.44 2.66 0.00	65.90 2.45 0.00	93.43 3.35 0.00	121.47 4.37 0.00	237.67 8.49 0.00	125.68 4.83 0.00	102.25 4.19 0.00	88.42 3.76 0.00	51.73 2.35 0.00	80.35 3.74 0.00	103.26 4.72 0.00	71.45 2.91 0.00	57.25 2.02 0.00	42.55 1.42 0.00	48.93 1.57 0.00	54.81 1.66 0.00
BORALEX_4TH_BRANCH 23824	131.95 4.34 -67.82	117.76 6.05 -30.98	115.59 4.75 -48.56	128.83 8.82 0.00	128.53 8.09 -11.81	116.21 4.43 -51.75	490.79 8.87 -372.06	224.59 8.18 -108.93	172.73 5.93 -94.02	119.53 5.55 -50.53	107.68 7.98 -9.62	128.88 10.68 -1.09	254.80 19.92 -5.70	130.98 10.13 0.00	114.33 8.52 -7.75	129.81 7.42 -37.74	250.52 4.24 -196.89	252.62 6.13 -169.88	377.37 8.15 -270.69	400.09 5.91 -325.65	479.85 4.80 -419.82	333.87 3.79 -288.95	424.72 4.32 -373.05	130.33 4.72 -72.46
BOWLINE___1 23526	116.44 3.84 -52.81	109.76 4.90 -24.13	103.84 3.76 -37.81	126.96 6.95 0.00	124.43 6.61 -9.20	81.48 4.05 -17.39	191.66 7.82 -73.98	136.86 7.72 -21.66	96.90 5.42 -18.70	83.43 5.04 -14.94	124.99 7.25 -27.66	126.93 9.47 -0.36	247.33 17.02 -1.13	129.99 9.14 0.00	128.11 7.77 -22.28	148.93 6.79 -57.48	195.70 3.87 -142.46	247.40 5.85 -164.93	284.15 7.65 -177.96	305.05 5.34 -231.18	408.77 4.29 -349.25	141.79 3.19 -97.47	125.00 3.47 -74.17	71.43 3.88 -14.41
BOWLINE___2 23595	116.44 3.84 -52.81	109.80 4.94 -24.13	103.87 3.78 -37.82	126.97 6.96 0.00	124.43 6.62 -9.20	81.50 4.07 -17.40	191.70 7.86 -73.98	136.87 7.72 -21.66	96.90 5.42 -18.70	83.43 5.04 -14.94	124.99 7.25 -27.66	126.95 9.48 -0.36	247.41 17.09 -1.13	130.02 9.17 0.00	128.12 7.78 -22.28	148.96 6.81 -57.49	195.74 3.88 -142.48	247.44 5.87 -164.96	284.19 7.67 -177.99	305.09 5.35 -231.21	408.82 4.29 -349.30	141.80 3.20 -97.48	125.01 3.48 -74.18	71.46 3.91 -14.41
BRADY___115KV_TB2 356060	59.02 -0.77 0.00	80.14 -0.59 0.00	61.80 -0.47 0.00	119.48 -0.53 0.00	107.54 -1.09 0.00	59.05 -0.98 0.00	107.98 -1.88 0.00	105.44 -2.05 0.00	71.15 -1.63 0.00	61.70 -1.75 0.00	87.82 -2.26 0.00	113.33 -3.77 0.00	224.04 -5.14 0.00	118.27 -2.58 0.00	95.19 -2.87 0.00	82.17 -2.49 0.00	48.23 -1.15 0.00	75.19 -1.42 0.00	96.47 -2.06 0.00	67.04 -1.49 0.00	54.01 -1.22 0.00	40.36 -0.77 0.00	47.05 -0.30 0.00	52.91 -0.24 0.00
BRANSCOMB___SOLAR 323811	133.79 4.05 -69.94	118.24 5.56 -31.95	116.69 4.34 -50.08	128.14 8.12 0.00	128.31 7.50 -12.18	127.48 4.22 -63.23	594.61 8.22 -476.54	254.96 7.95 -139.53	198.67 5.46 -120.42	131.42 4.80 -63.17	100.43 6.16 -4.19	126.68 8.23 -1.34	252.58 16.10 -7.30	129.45 8.60 0.00	108.65 7.22 -3.37	123.68 6.49 -32.53	272.74 3.91 -219.45	258.65 5.89 -176.14	413.73 7.71 -307.48	438.47 5.42 -364.51	513.25 4.27 -453.75	401.78 3.21 -357.45	528.65 3.50 -477.80	149.56 3.61 -92.81
BRENTWOD_69_KV_W. BRTWOOD 56703	121.41 6.79 -54.82	114.73 8.95 -25.04	108.17 6.65 -39.25	132.88 12.87 0.00	129.94 11.77 -9.55	85.09 6.94 -18.11	200.71 13.52 -77.32	148.74 13.72 -27.54	101.30 8.98 -19.54	86.92 7.77 -15.71	131.93 11.22 -30.63	131.34 13.86 -0.37	254.91 23.56 -2.17	136.83 14.81 -1.17	134.15 12.34 -23.74	157.40 11.20 -61.55	206.50 6.26 -150.86	260.74 9.24 -174.89	301.26 13.10 -189.63	322.60 9.28 -244.80	432.62 7.29 -370.10	149.09 5.32 -102.64	130.91 6.02 -77.53	74.68 6.48 -15.06

BRISTLHL_115KV_TB1 79998	62.50 -1.68 -4.38	80.37 -2.37 -2.00	63.57 -1.84 -3.14	116.29 -3.72 0.00	106.10 -3.28 -0.76	59.21 -1.61 -0.79	106.98 -2.88 0.00	104.75 -2.73 0.00	71.05 -1.74 0.00	62.00 -1.45 0.00	87.98 -2.10 0.00	114.39 -2.71 0.00	223.52 -5.66 0.00	117.91 -2.94 0.00	95.77 -2.30 0.00	82.72 -1.93 0.00	48.33 -1.06 0.00	75.06 -1.55 0.00	96.18 -2.35 0.00	67.00 -1.53 0.00	53.99 -1.24 0.00	40.18 -0.94 0.00	46.07 -1.28 0.00	51.67 -1.47 0.00
BROOKHAVEN___DRP 24191	121.27 6.65 -54.82	114.50 8.72 -25.04	108.03 6.51 -39.25	132.60 12.58 0.00	129.75 11.58 -9.55	85.09 6.94 -18.11	200.51 13.33 -77.32	149.11 13.99 -27.63	100.78 8.46 -19.54	86.34 7.18 -15.71	130.59 10.19 -30.32	130.10 12.62 -0.37	251.37 20.16 -2.03	135.77 13.93 -0.99	133.13 11.33 -23.73	157.20 11.08 -61.47	206.49 6.24 -150.86	260.36 8.86 -174.89	300.98 12.82 -189.63	322.56 9.23 -244.80	432.63 7.30 -370.10	149.21 5.45 -102.64	131.06 6.17 -77.53	74.71 6.51 -15.06
BROOKLYN_NAVY_YARD 23515	119.38 4.78 -54.81	111.85 6.07 -25.04	106.12 4.61 -39.25	128.62 8.60 0.00	126.26 8.10 -9.54	83.03 4.88 -18.11	196.62 9.46 -77.29	139.87 9.76 -22.63	99.25 6.93 -19.53	85.51 6.36 -15.70	128.45 8.99 -29.39	129.33 11.85 -0.37	252.16 21.79 -1.18	132.52 11.67 0.00	131.45 9.71 -23.67	154.11 8.45 -61.01	205.01 4.81 -150.81	258.76 7.32 -174.83	296.41 9.57 -188.30	319.82 6.57 -244.71	430.43 5.23 -369.97	147.56 3.83 -102.60	129.11 4.26 -77.50	72.90 4.70 -15.05
BROOKLYN___ARMY_DRP 323595	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
BROOKVLE_69_KV_TB1 55790	120.39 5.77 -54.82	113.31 7.53 -25.04	107.20 5.67 -39.25	130.73 10.72 0.00	128.01 9.84 -9.55	84.02 5.87 -18.11	198.13 10.95 -77.32	143.21 11.24 -24.49	99.94 7.62 -19.54	86.09 6.94 -15.71	136.86 10.35 -36.43	130.52 13.04 -0.37	258.07 23.99 -4.90	139.03 13.67 -4.51	133.46 11.44 -23.95	157.46 9.84 -62.97	205.71 5.47 -150.86	259.66 8.16 -174.89	299.17 11.01 -189.63	321.03 7.70 -244.80	431.44 6.12 -370.10	148.33 4.57 -102.64	129.96 5.08 -77.53	73.76 5.55 -15.06
BROOME_2_LFGE 323671	77.96 -0.06 -18.23	88.98 -0.13 -8.37	75.38 -0.02 -13.12	119.86 -0.15 0.00	111.73 -0.08 -3.19	66.21 0.32 -5.86	134.40 0.52 -24.02	114.82 0.30 -7.03	79.29 0.44 -6.07	67.58 0.49 -3.64	93.33 0.66 -2.59	116.54 0.78 1.35	230.98 1.43 -0.37	121.85 1.00 0.00	101.28 1.13 -2.09	91.72 0.80 -6.26	70.34 0.33 -20.62	98.16 0.53 -21.01	126.51 0.99 -26.98	102.92 0.61 -33.77	102.28 0.36 -46.69	63.01 0.23 -21.65	71.36 0.08 -23.92	57.94 0.12 -4.68
BROOME___LFGE 323600	77.96 -0.06 -18.23	88.98 -0.13 -8.37	75.38 -0.02 -13.12	119.86 -0.15 0.00	111.73 -0.08 -3.19	66.21 0.32 -5.86	134.40 0.52 -24.02	114.82 0.30 -7.03	79.29 0.44 -6.07	67.58 0.49 -3.64	93.33 0.66 -2.59	116.54 0.78 1.35	230.98 1.43 -0.37	121.85 1.00 0.00	101.28 1.13 -2.09	91.72 0.80 -6.26	70.34 0.33 -20.62	98.16 0.53 -21.01	126.51 0.99 -26.98	102.92 0.61 -33.77	102.28 0.36 -46.69	63.01 0.23 -21.65	71.36 0.08 -23.92	57.94 0.12 -4.68
BROWNFLS_115KV_TB_3_5 80003	60.99 -0.11 -1.30	81.55 0.23 -0.60	63.41 0.21 -0.93	120.09 0.08 0.00	108.33 -0.52 -0.23	59.36 -0.91 -0.24	106.93 -2.93 0.00	104.93 -2.55 0.00	71.54 -1.25 0.00	62.46 -0.99 0.00	89.09 -0.99 0.00	115.38 -1.73 0.00	227.42 -1.76 0.00	120.37 -0.48 0.00	97.44 -0.62 0.00	84.03 -0.63 0.00	49.22 -0.16 0.00	76.70 0.08 0.00	98.40 -0.13 0.00	67.95 -0.58 0.00	54.49 -0.74 0.00	40.78 -0.34 0.00	47.38 0.03 0.00	53.25 0.10 0.00
BROWNSV1_27_KV_LOAD 356125	120.22 5.62 -54.81	112.95 7.18 -25.04	106.98 5.46 -39.25	130.23 10.22 0.00	127.71 9.54 -9.54	83.85 5.71 -18.11	198.22 11.06 -77.29	141.46 11.35 -22.63	100.34 8.02 -19.53	86.47 7.32 -15.70	129.90 10.43 -29.39	131.18 13.70 -0.37	255.69 25.33 -1.18	134.40 13.55 0.00	133.00 11.27 -23.67	155.47 9.80 -61.01	205.79 5.59 -150.81	259.97 8.53 -174.83	297.92 11.08 -188.30	320.89 7.64 -244.71	431.29 6.09 -369.97	148.21 4.48 -102.60	129.79 4.94 -77.50	73.62 5.43 -15.05
BURROWS___LYONSDAL 23803	63.25 1.68 -1.77	83.95 2.41 -0.81	65.43 1.90 -1.27	123.16 3.15 0.00	111.80 2.87 -0.31	61.66 1.30 -0.32	111.57 1.71 0.00	109.84 2.36 0.00	75.04 2.26 0.00	65.61 2.16 0.00	92.99 2.91 0.00	120.89 3.79 0.00	236.72 7.54 0.00	125.29 4.44 0.00	101.99 3.92 0.00	88.19 3.54 0.00	51.64 2.25 0.00	80.27 3.66 0.00	103.12 4.59 0.00	71.21 2.68 0.00	56.98 1.75 0.00	42.34 1.22 0.00	48.74 1.39 0.00	54.61 1.46 0.00
CAITHNESS_CC_1 323624	121.08 6.47 -54.82	114.27 8.49 -25.04	107.85 6.32 -39.25	132.20 12.18 0.00	129.40 11.23 -9.55	84.86 6.72 -18.11	200.16 12.98 -77.32	148.69 13.56 -27.64	100.63 8.31 -19.54	86.24 7.08 -15.71	130.49 10.10 -30.32	130.03 12.55 -0.37	251.47 20.27 -2.03	135.51 13.68 -0.99	133.00 11.20 -23.73	156.91 10.79 -61.47	206.29 6.04 -150.86	260.11 8.61 -174.89	300.61 12.44 -189.63	322.28 8.95 -244.80	432.39 7.06 -370.10	149.01 5.24 -102.64	130.82 5.93 -77.53	74.49 6.29 -15.06
CALPINE BETH_PAGE_GT4 24209	120.07 5.46 -54.82	112.89 7.11 -25.04	106.84 5.31 -39.25	130.15 10.14 0.00	127.47 9.30 -9.55	83.65 5.51 -18.11	197.79 10.61 -77.32	144.70 11.01 -26.21	99.58 7.26 -19.54	85.67 6.51 -15.71	134.13 9.46 -34.59	129.25 11.77 -0.37	253.86 20.64 -4.03	136.91 12.57 -3.49	132.65 10.69 -23.89	156.58 9.41 -62.52	205.43 5.18 -150.86	259.16 7.65 -174.89	298.88 10.72 -189.63	320.91 7.59 -244.80	431.26 5.93 -370.10	148.19 4.43 -102.64	129.85 4.97 -77.53	73.55 5.35 -15.06
CALPINE_BETH_PAGE_GT_4 323586	120.07 5.46 -54.82	112.89 7.11 -25.04	106.83 5.30 -39.25	130.15 10.14 0.00	127.48 9.31 -9.55	83.67 5.52 -18.11	197.79 10.61 -77.32	144.70 11.01 -26.21	99.58 7.26 -19.54	85.66 6.50 -15.71	134.13 9.46 -34.59	129.24 11.76 -0.37	253.83 20.61 -4.03	136.87 12.53 -3.49	132.61 10.66 -23.89	156.58 9.41 -62.52	205.43 5.19 -150.86	259.17 7.66 -174.89	298.89 10.72 -189.63	320.91 7.59 -244.80	431.25 5.93 -370.10	148.19 4.43 -102.64	129.83 4.95 -77.53	73.56 5.36 -15.06
CALPINE_BP_GT1 23823	120.07 5.46 -54.82	112.89 7.11 -25.04	106.83 5.30 -39.25	130.15 10.14 0.00	127.48 9.31 -9.55	83.67 5.52 -18.11	197.79 10.61 -77.32	144.70 11.01 -26.21	99.58 7.26 -19.54	85.66 6.50 -15.71	134.13 9.46 -34.59	129.24 11.76 -0.37	253.83 20.61 -4.03	136.87 12.53 -3.49	132.61 10.66 -23.89	156.58 9.41 -62.52	205.43 5.19 -150.86	259.17 7.66 -174.89	298.89 10.72 -189.63	320.91 7.59 -244.80	431.25 5.93 -370.10	148.19 4.43 -102.64	129.83 4.95 -77.53	73.56 5.36 -15.06
CALSPAN___DRP 24200	65.20 -3.90 -9.30	79.70 -5.38 -4.35	65.26 -3.83 -6.82	112.10 -7.91 0.00	102.49 -7.80 -1.66	59.14 -3.81 -2.92	113.48 -7.71 -11.33	103.16 -7.64 -3.32	71.21 -4.44 -2.86	61.35 -3.84 -1.73	85.61 -5.79 -1.32	106.41 -7.40 3.29	214.08 -15.27 -0.17	113.45 -7.40 0.00	93.15 -5.97 -1.06	82.50 -5.29 -3.14	56.43 -3.05 -10.10	82.25 -4.75 -10.39	105.63 -6.09 -13.18	80.29 -4.77 -16.54	73.08 -3.75 -21.60	48.67 -2.69 -10.24	55.30 -3.05 -10.99	52.37 -2.99 -2.21

CALVERTON___SOLAR 323806	121.44 6.83 -54.82	114.71 8.94 -25.04	108.22 6.69 -39.25	132.93 12.92 0.00	130.11 11.93 -9.55	85.32 7.18 -18.11	200.91 13.73 -77.32	149.53 14.41 -27.63	100.99 8.67 -19.54	86.47 7.31 -15.71	130.75 10.35 -30.33	130.26 12.78 -0.37	251.36 20.15 -2.03	135.96 14.12 -0.99	133.25 11.46 -23.73	157.55 11.42 -61.47	206.68 6.43 -150.86	260.61 9.10 -174.89	301.34 13.18 -189.63	322.82 9.49 -244.80	432.89 7.56 -370.10	149.43 5.66 -102.64	131.29 6.40 -77.53	74.92 6.72 -15.06
CANDIGU_WT_PWR 323617	68.53 -3.52 -12.25	81.70 -4.81 -5.78	68.22 -3.11 -9.06	114.15 -5.86 0.00	105.03 -5.79 -2.20	61.08 -2.86 -3.91	119.43 -5.71 -15.28	106.42 -5.54 -4.47	73.50 -3.15 -3.86	63.14 -2.65 -2.34	87.72 -4.13 -1.77	106.05 -5.26 5.80	219.21 -10.21 -0.23	116.61 -4.24 0.00	96.61 -2.88 -1.42	86.12 -2.75 -4.21	61.37 -1.60 -13.59	88.19 -2.39 -13.96	113.15 -3.11 -17.73	88.05 -2.72 -22.24	81.26 -2.29 -28.32	52.96 -1.89 -13.73	59.70 -2.34 -14.68	53.77 -2.35 -2.98
CARR STREET_E_SYR 24060	64.44 -0.85 -5.50	81.98 -1.26 -2.51	65.25 -0.96 -3.94	117.93 -2.08 0.00	107.80 -1.78 -0.96	60.28 -0.74 -0.99	108.57 -1.29 0.00	106.31 -1.17 0.00	72.15 -0.63 0.00	63.15 -0.44 -0.14	90.09 -0.73 -0.74	116.12 -0.98 0.00	226.82 -2.36 0.00	119.69 -1.16 0.00	97.84 -0.81 -0.59	85.45 -0.64 -1.43	52.00 -0.34 -2.96	79.90 -0.48 -3.76	101.48 -0.61 -3.56	72.81 -0.49 -4.77	62.37 -0.48 -7.62	41.91 -0.36 -1.15	46.72 -0.64 0.00	52.40 -0.74 0.00
CARTHAGE___PAPER 23857	64.01 2.00 -2.22	84.75 3.01 -1.01	66.23 2.37 -1.59	123.65 3.64 0.00	112.10 3.09 -0.39	61.54 1.11 -0.40	110.65 0.79 0.00	109.28 1.80 0.00	75.11 2.33 0.00	65.76 2.31 0.00	93.13 3.05 0.00	120.71 3.60 0.00	236.92 7.74 0.00	125.90 5.05 0.00	102.45 4.39 0.00	88.88 4.23 0.00	52.26 2.88 0.00	81.55 4.93 0.00	104.60 6.06 0.00	71.87 3.33 0.00	57.25 2.02 0.00	42.51 1.39 0.00	49.00 1.65 0.00	54.82 1.67 0.00
CASSADAGA_WT_PWR 323784	64.12 -5.41 -9.73	77.80 -7.49 -4.56	63.84 -5.58 -7.15	108.94 -11.08 0.00	99.75 -10.61 -1.74	57.93 -5.17 -3.07	111.92 -9.85 -11.91	101.83 -9.14 -3.49	70.26 -5.53 -3.01	60.79 -4.49 -1.82	86.13 -5.33 -1.38	105.81 -7.66 3.64	216.02 -13.35 -0.18	114.53 -6.31 0.00	94.61 -4.57 -1.11	83.69 -4.26 -3.30	57.69 -2.30 -10.61	83.78 -3.75 -10.91	107.64 -4.75 -13.85	82.09 -3.81 -17.37	74.56 -3.26 -22.59	49.59 -2.29 -10.75	56.17 -2.72 -11.53	52.95 -2.51 -2.32
CE_DUNWOOD___DRP 24194	119.13 4.63 -54.71	111.69 5.97 -24.99	105.98 4.54 -39.17	128.51 8.49 0.00	126.08 7.93 -9.53	82.86 4.76 -18.07	196.19 9.21 -77.12	139.32 9.26 -22.58	98.78 6.51 -19.49	85.10 5.98 -15.66	127.98 8.61 -29.30	128.77 11.29 -0.37	250.97 20.60 -1.18	131.89 11.03 0.00	130.99 9.33 -23.60	153.61 8.12 -60.83	204.38 4.61 -150.38	257.92 6.99 -174.32	295.49 9.18 -187.77	318.92 6.36 -244.02	429.21 5.07 -368.91	147.23 3.77 -102.34	128.81 4.14 -77.32	72.74 4.57 -15.02
CE_MILLWOOD___DRP 24193	118.76 4.47 -54.49	111.39 5.76 -24.89	105.69 4.40 -39.02	128.17 8.16 0.00	125.79 7.67 -9.49	82.63 4.60 -17.99	195.52 8.90 -76.75	138.89 8.93 -22.47	98.45 6.27 -19.40	84.81 5.78 -15.58	127.51 8.31 -29.11	128.37 10.90 -0.37	250.18 20.60 -1.18	131.45 10.60 0.00	130.47 8.96 -23.45	152.96 7.85 -60.45	203.32 4.46 -149.48	256.62 6.75 -173.25	294.04 8.85 -186.66	317.24 6.16 -242.55	426.82 4.92 -366.67	146.56 3.65 -101.78	128.30 3.99 -76.96	72.52 4.43 -14.95
CE_NYC2_DRP 24202	119.76 5.15 -54.81	112.37 6.60 -25.04	106.53 5.01 -39.25	129.37 9.36 0.00	126.94 8.77 -9.54	83.43 5.29 -18.11	197.29 10.13 -77.30	140.62 10.50 -22.63	99.72 7.40 -19.54	85.93 6.78 -15.70	129.15 9.68 -29.39	130.24 12.76 -0.37	253.58 23.21 -1.18	133.27 12.42 0.00	132.17 10.43 -23.67	154.74 9.07 -61.02	205.35 5.13 -150.83	259.33 7.87 -174.85	297.11 10.24 -188.32	320.30 7.03 -244.74	430.83 5.59 -370.02	147.87 4.13 -102.61	129.39 4.52 -77.51	73.18 4.98 -15.05
CE_NYC_DRP 24195	119.56 4.96 -54.81	112.13 6.36 -25.04	106.35 4.83 -39.25	129.03 9.02 0.00	126.63 8.46 -9.54	83.23 5.09 -18.11	197.02 9.87 -77.29	140.25 10.13 -22.63	99.50 7.19 -19.53	85.77 6.62 -15.70	128.91 9.44 -29.39	129.89 12.41 -0.37	253.14 22.78 -1.18	133.05 12.20 0.00	131.90 10.16 -23.67	154.52 8.86 -61.01	205.21 5.02 -150.81	259.08 7.64 -174.82	296.82 9.98 -188.30	320.10 6.85 -244.71	430.64 5.45 -369.96	147.73 4.00 -102.60	129.24 4.39 -77.50	73.05 4.85 -15.05
CHAFFEE___LFGE 323603	65.91 -3.54 -9.65	80.41 -4.85 -4.52	65.94 -3.42 -7.09	112.95 -7.07 0.00	103.40 -6.94 -1.72	59.75 -3.32 -3.04	114.84 -6.82 -11.80	104.19 -6.75 -3.45	71.95 -3.82 -2.98	62.01 -3.25 -1.80	86.48 -4.97 -1.37	107.10 -6.49 3.52	215.95 -13.41 -0.18	114.38 -6.47 0.00	93.96 -5.20 -1.10	83.29 -4.63 -3.26	57.30 -2.59 -10.52	83.41 -4.01 -10.81	107.07 -5.18 -13.72	81.67 -4.07 -17.21	74.42 -3.23 -22.43	49.46 -2.31 -10.65	56.09 -2.70 -11.43	52.81 -2.63 -2.30
CHATEAUG_35_KV_LOAD 355732	58.83 -0.97 0.00	79.75 -0.98 0.00	61.77 -0.50 0.00	119.44 -0.57 0.00	107.81 -0.81 0.00	59.36 -0.67 0.00	108.61 -1.25 0.00	105.95 -1.53 0.00	71.57 -1.21 0.00	62.34 -1.11 0.00	88.41 -1.67 0.00	114.94 -2.17 0.00	226.13 -3.05 0.00	119.31 -1.54 0.00	96.61 -1.45 0.00	83.53 -1.12 0.00	48.88 -0.50 0.00	76.03 -0.59 0.00	97.64 -0.90 0.00	67.86 -0.67 0.00	54.58 -0.64 0.00	40.70 -0.42 0.00	47.16 -0.19 0.00	53.01 -0.13 0.00
CHATEAUG_WT_PWR 323614	58.69 -1.10 0.00	79.59 -1.14 0.00	61.63 -0.64 0.00	119.16 -0.85 0.00	107.61 -1.02 0.00	59.25 -0.78 0.00	108.40 -1.46 0.00	105.64 -1.84 0.00	71.40 -1.38 0.00	62.25 -1.20 0.00	88.30 -1.77 0.00	114.83 -2.27 0.00	226.04 -3.14 0.00	119.28 -1.57 0.00	96.60 -1.47 0.00	83.43 -1.23 0.00	48.77 -0.61 0.00	75.73 -0.88 0.00	97.35 -1.19 0.00	67.67 -0.86 0.00	54.42 -0.80 0.00	40.58 -0.55 0.00	47.03 -0.32 0.00	52.92 -0.22 0.00
CHAT_HIGH_FALL_HYD 323578	58.83 -0.97 0.00	79.75 -0.98 0.00	61.77 -0.50 0.00	119.44 -0.57 0.00	107.81 -0.81 0.00	59.36 -0.67 0.00	108.61 -1.25 0.00	105.95 -1.53 0.00	71.57 -1.21 0.00	62.34 -1.11 0.00	88.41 -1.67 0.00	114.94 -2.17 0.00	226.13 -3.05 0.00	119.31 -1.54 0.00	96.61 -1.45 0.00	83.53 -1.12 0.00	48.88 -0.50 0.00	76.03 -0.59 0.00	97.64 -0.90 0.00	67.86 -0.67 0.00	54.58 -0.64 0.00	40.70 -0.42 0.00	47.16 -0.19 0.00	53.01 -0.13 0.00
CHAUTAUQUA___LFGE 323629	64.78 -4.49 -9.47	78.94 -6.23 -4.44	64.71 -4.51 -6.96	110.84 -9.17 0.00	101.38 -8.94 -1.69	58.67 -4.34 -2.98	112.96 -8.46 -11.57	102.82 -8.05 -3.39	70.94 -4.77 -2.92	61.24 -3.97 -1.77	86.01 -5.41 -1.34	106.17 -7.48 3.45	215.11 -14.25 -0.18	114.05 -6.80 0.00	94.00 -5.15 -1.08	83.19 -4.66 -3.20	57.14 -2.55 -10.31	83.27 -3.95 -10.60	106.93 -5.06 -13.45	81.28 -4.12 -16.88	73.87 -3.35 -22.00	49.16 -2.41 -10.44	55.76 -2.81 -11.21	52.72 -2.68 -2.25
CHERRYST_13_KV_LD 356241	119.75 5.15 -54.81	112.36 6.59 -25.04	106.53 5.02 -39.25	129.38 9.37 0.00	126.96 8.79 -9.54	83.42 5.28 -18.11	197.37 10.22 -77.29	140.64 10.52 -22.63	99.79 7.48 -19.53	86.03 6.88 -15.70	129.29 9.83 -29.39	130.41 12.93 -0.37	254.16 23.79 -1.18	133.57 12.72 0.00	132.33 10.59 -23.67	154.88 9.21 -61.01	205.43 5.23 -150.81	259.39 7.95 -174.82	297.21 10.37 -188.30	320.34 7.10 -244.71	430.83 5.64 -369.96	147.86 4.13 -102.60	129.40 4.55 -77.50	73.21 5.01 -15.05

CHESTROR_138KV_BK263 355645	114.15 3.74 -50.61	108.66 4.81 -23.12	102.19 3.68 -36.24	126.84 6.83 0.00	123.90 6.46 -8.81	80.58 3.92 -16.62	187.85 7.54 -70.45	135.60 7.49 -20.62	95.83 5.24 -17.80	82.36 4.80 -14.11	122.77 6.96 -25.73	126.60 9.15 -0.34	246.69 16.42 -1.08	129.64 8.79 0.00	126.34 7.56 -20.72	144.82 6.61 -53.56	186.35 3.75 -133.22	236.29 5.71 -153.96	272.54 7.47 -166.53	289.95 5.20 -216.21	385.69 4.16 -326.30	136.10 3.10 -91.87	121.36 3.38 -70.63	70.61 3.75 -13.72
CH_MIDHUDSON___DRP 24192	120.18 4.90 -55.48	112.43 6.36 -25.34	106.86 4.86 -39.73	129.10 9.09 0.00	126.72 8.43 -9.66	83.81 5.00 -18.77	202.00 9.74 -82.40	141.34 9.73 -24.12	100.40 6.79 -20.82	85.91 6.17 -16.29	127.87 8.83 -28.96	129.20 11.71 -0.39	251.77 21.33 -1.26	132.09 11.24 0.00	131.04 9.65 -23.32	153.54 8.44 -60.45	205.50 4.85 -151.28	258.33 7.41 -174.31	297.58 9.73 -189.32	320.85 6.75 -245.56	430.57 5.39 -369.95	150.83 4.01 -105.70	134.36 4.39 -82.62	74.02 4.83 -16.05
CH_MISC_IPPS 23765	119.45 5.18 -54.47	112.34 6.72 -24.88	106.43 5.15 -39.00	129.62 9.61 0.00	127.06 8.95 -9.49	83.71 5.34 -18.34	200.25 10.37 -80.03	141.30 10.38 -23.43	100.21 7.21 -20.22	85.78 6.49 -15.84	127.62 9.33 -28.21	129.80 12.31 -0.38	252.78 22.37 -1.23	132.68 11.83 0.00	130.98 10.19 -22.72	152.44 8.91 -58.88	201.79 5.14 -147.27	254.25 7.90 -169.74	293.19 10.36 -184.29	314.76 7.17 -239.06	421.16 5.72 -360.21	148.15 4.23 -102.79	132.21 4.62 -80.24	73.81 5.09 -15.58
CH_RES_BVR_FALLS 23983	58.89 -0.91 0.00	79.64 -1.10 0.00	61.12 -1.15 0.00	118.13 -1.88 0.00	106.86 -1.76 0.00	58.71 -1.32 0.00	107.43 -2.44 0.00	105.16 -2.33 0.00	71.24 -1.55 0.00	61.99 -1.46 0.00	88.09 -1.98 0.00	114.51 -2.59 0.00	225.15 -4.03 0.00	118.79 -2.06 0.00	96.24 -1.82 0.00	83.11 -1.55 0.00	48.54 -0.84 0.00	75.39 -1.23 0.00	96.82 -1.71 0.00	67.22 -1.32 0.00	54.18 -1.05 0.00	40.30 -0.82 0.00	46.62 -0.73 0.00	52.38 -0.77 0.00
CH_RES_NIAGARA 23895	63.27 -5.14 -8.61	77.78 -6.97 -4.02	63.35 -5.23 -6.31	109.90 -10.11 0.00	100.30 -9.86 -1.53	56.60 -5.03 -1.59	99.78 -10.08 0.00	96.85 -10.64 0.00	66.27 -6.51 0.00	57.98 -5.70 -0.23	82.69 -8.60 -1.21	103.30 -10.98 2.83	206.33 -22.85 0.00	109.36 -11.49 0.00	89.55 -9.49 -0.98	78.80 -8.21 -2.36	49.42 -4.83 -4.87	75.31 -7.49 -6.18	94.78 -9.61 -5.85	69.13 -7.25 -7.85	60.60 -5.65 -11.02	38.92 -3.96 -1.75	42.67 -4.36 0.32	48.82 -4.32 0.00
CH_RES_SYRACUSE 23985	65.87 -0.24 -6.31	83.18 -0.44 -2.88	66.41 -0.38 -4.52	119.06 -0.95 0.00	109.03 -0.70 -1.10	61.08 -0.10 -1.14	109.78 -0.07 0.00	107.50 0.01 0.00	72.94 0.16 0.00	63.83 0.21 -0.16	91.16 0.23 -0.86	117.29 0.19 0.00	229.10 -0.08 0.00	120.89 0.04 0.00	99.00 0.24 -0.69	86.57 0.26 -1.66	52.99 0.18 -3.43	81.37 0.39 -4.36	103.21 0.55 -4.12	74.36 0.30 -5.53	64.16 0.10 -8.83	42.50 0.04 -1.33	47.18 -0.17 0.00	52.92 -0.23 0.00
CLINTON_WT_PWR 323605	58.69 -1.10 0.00	79.59 -1.14 0.00	61.63 -0.64 0.00	119.16 -0.85 0.00	107.61 -1.02 0.00	59.25 -0.78 0.00	108.40 -1.46 0.00	105.64 -1.84 0.00	71.40 -1.38 0.00	62.25 -1.20 0.00	88.30 -1.77 0.00	114.83 -2.27 0.00	226.04 -3.14 0.00	119.28 -1.57 0.00	96.60 -1.47 0.00	83.43 -1.23 0.00	48.77 -0.61 0.00	75.73 -0.88 0.00	97.35 -1.19 0.00	67.67 -0.86 0.00	54.42 -0.80 0.00	40.58 -0.55 0.00	47.03 -0.32 0.00	52.92 -0.22 0.00
CLINTON___LFGE 323618	59.67 -0.12 0.00	80.92 0.18 0.00	62.74 0.46 0.00	121.12 1.11 0.00	109.47 0.85 0.00	60.33 0.30 0.00	110.31 0.45 0.00	107.44 -0.05 0.00	72.65 -0.13 0.00	63.51 0.06 0.00	89.85 -0.23 0.00	116.94 -0.16 0.00	230.09 0.91 0.00	121.36 0.51 0.00	98.42 0.36 0.00	85.11 0.46 0.00	49.81 0.43 0.00	77.35 0.73 0.00	99.48 0.94 0.00	69.11 0.58 0.00	55.45 0.22 0.00	41.38 0.26 0.00	47.87 0.52 0.00	53.90 0.76 0.00
COBBLENY_34_KV_TB1 80064	65.91 -3.53 -9.65	80.43 -4.82 -4.52	65.96 -3.39 -7.09	112.95 -7.07 0.00	103.41 -6.93 -1.72	59.74 -3.33 -3.04	114.81 -6.84 -11.80	104.17 -6.77 -3.45	71.94 -3.82 -2.98	61.96 -3.30 -1.80	86.40 -5.04 -1.37	107.12 -6.47 3.52	215.95 -13.41 -0.18	114.40 -6.45 0.00	93.95 -5.22 -1.10	83.26 -4.66 -3.26	57.21 -2.68 -10.52	83.28 -4.14 -10.81	106.96 -5.30 -13.72	81.54 -4.20 -17.21	74.34 -3.31 -22.43	49.40 -2.37 -10.65	56.06 -2.72 -11.43	52.81 -2.63 -2.30
COFFEEN___115KV_TB3 355620	65.53 3.29 -2.45	86.56 4.70 -1.12	67.70 3.68 -1.75	126.02 6.01 0.00	114.32 5.27 -0.43	62.91 2.43 -0.44	113.29 3.42 0.00	112.17 4.68 0.00	77.29 4.51 0.00	67.71 4.26 0.00	95.57 5.50 0.00	123.62 6.52 0.00	242.19 13.00 0.00	128.83 7.98 0.00	105.03 6.97 0.00	91.47 6.82 0.00	53.93 4.55 0.00	84.38 7.76 0.00	108.22 9.69 0.00	74.25 5.72 0.00	59.05 3.83 0.00	43.73 2.60 0.00	50.18 2.83 0.00	55.95 2.80 0.00
COLDSPRG_115KV_BK1 355956	66.68 -3.26 -10.14	81.07 -4.42 -4.76	66.63 -3.09 -7.46	113.87 -6.15 0.00	104.55 -5.88 -1.81	60.55 -2.69 -3.20	116.68 -5.63 -12.45	105.76 -5.37 -3.65	72.91 -3.02 -3.15	62.87 -2.48 -1.90	88.43 -3.09 -1.44	108.99 -4.18 3.94	221.91 -7.47 -0.19	117.69 -3.16 0.00	96.99 -2.24 -1.16	85.66 -2.43 -3.44	59.03 -1.44 -11.09	85.50 -2.52 -11.40	109.91 -3.10 -14.47	84.16 -2.53 -18.15	76.63 -2.13 -23.54	50.83 -1.52 -11.23	57.60 -1.80 -12.04	53.89 -1.67 -2.43
COLONIE_LFGE___ 323577	132.19 3.36 -69.03	116.87 4.60 -31.54	115.29 3.59 -49.43	126.61 6.60 0.00	126.74 6.10 -12.02	120.47 3.40 -57.04	536.44 6.79 -419.79	236.63 6.24 -122.91	183.30 4.43 -106.08	123.64 4.15 -56.03	101.61 5.80 -5.74	126.12 7.81 -1.21	250.08 14.47 -6.43	128.36 7.51 0.00	108.95 6.26 -4.62	122.83 5.55 -32.63	254.12 3.19 -201.55	246.86 4.66 -165.59	385.43 6.16 -280.73	407.24 4.38 -334.33	479.58 3.52 -420.84	361.90 2.71 -318.06	471.31 3.06 -420.90	138.27 3.37 -81.76
COOPERNY_115KV_TB1 80082	103.87 2.70 -41.37	103.12 3.49 -18.90	94.58 2.68 -29.63	124.95 4.94 0.00	120.52 4.69 -7.21	76.26 2.91 -13.31	170.35 5.54 -54.95	129.01 5.43 -16.09	90.50 3.83 -13.89	77.57 3.55 -10.57	112.98 5.13 -17.77	124.10 6.72 -0.27	242.04 12.02 -0.84	127.32 6.48 0.00	117.93 5.56 -14.31	126.81 4.84 -37.31	146.81 2.75 -94.68	189.13 4.14 -108.38	222.81 5.47 -118.81	226.10 3.79 -153.78	289.04 3.04 -230.78	111.48 2.26 -68.09	104.88 2.43 -55.10	66.54 2.70 -10.70
COPENHAGEN_WT_PWR 323753	64.01 1.54 -2.68	84.41 2.46 -1.22	66.10 1.91 -1.92	122.39 2.37 0.00	111.05 1.96 -0.47	60.92 0.41 -0.48	109.22 -0.64 0.00	107.90 0.41 0.00	74.46 1.67 0.00	65.35 1.90 0.00	92.32 2.24 0.00	119.66 2.55 0.00	234.85 5.67 0.00	125.07 4.22 0.00	102.00 3.93 0.00	88.56 3.91 0.00	52.12 2.74 0.00	81.41 4.80 0.00	104.31 5.78 0.00	71.51 2.98 0.00	56.84 1.61 0.00	42.18 1.05 0.00	48.54 1.19 0.00	54.24 1.09 0.00
CORNELL_____ 23752	75.07 1.24 -14.03	88.22 1.55 -5.93	72.76 1.20 -9.29	122.16 2.15 0.00	112.99 2.11 -2.26	65.77 1.59 -4.15	130.00 3.12 -17.03	115.61 3.14 -4.99	79.37 2.29 -4.31	68.14 2.11 -2.58	94.70 2.80 -1.82	136.20 3.36 -15.73	235.58 6.14 -0.26	124.36 3.51 0.00	102.73 3.20 -1.47	91.87 2.81 -4.41	65.61 1.68 -14.56	94.25 2.82 -14.82	121.34 3.75 -19.05	94.86 2.49 -23.84	98.73 1.83 -41.68	58.50 1.29 -16.09	67.32 1.19 -18.78	57.71 1.25 -3.32

CORONA__69_KV_TB1 355595	120.51 5.90 -54.82	113.45 7.67 -25.04	107.27 5.74 -39.25	130.87 10.85 0.00	128.16 9.99 -9.55	84.04 5.90 -18.11	198.28 11.10 -77.32	141.82 11.52 -22.81	99.97 7.65 -19.54	86.08 6.93 -15.71	157.81 10.21 -57.52	130.54 13.05 -0.38	267.08 23.08 -14.82	149.90 13.55 -15.50	133.96 11.30 -24.60	162.54 9.76 -68.12	205.56 5.32 -150.86	259.53 8.03 -174.89	299.26 11.10 -189.63	321.09 7.76 -244.80	431.44 6.11 -370.10	148.34 4.58 -102.64	130.00 5.13 -77.53	73.69 5.49 -15.06
CORTLAND__115KV_TB3 80093	71.40 0.74 -10.86	86.46 0.90 -4.83	70.56 0.72 -7.57	121.24 1.23 0.00	111.73 1.27 -1.84	64.33 1.03 -3.27	124.64 1.99 -12.79	113.21 1.98 -3.74	77.56 1.55 -3.23	66.85 1.45 -1.95	93.50 1.95 -1.47	123.84 2.41 -4.32	233.72 4.34 -0.20	123.30 2.45 0.00	101.51 2.27 -1.18	90.12 1.96 -3.50	61.84 1.12 -11.33	90.10 1.85 -11.63	115.85 2.52 -14.79	88.75 1.67 -18.55	84.81 1.18 -28.40	53.85 0.83 -11.90	61.36 0.71 -13.29	56.38 0.75 -2.49
COXSACKIE__GT 23611	129.94 5.60 -64.55	117.76 7.54 -29.49	114.36 5.87 -46.22	131.17 11.16 0.00	130.11 10.25 -11.24	97.74 5.72 -31.99	311.59 10.22 -191.52	173.70 10.14 -56.07	128.05 6.87 -48.40	95.95 5.95 -26.55	104.93 7.03 -7.82	128.37 10.59 -0.67	253.83 21.71 -2.93	131.81 10.96 0.00	112.65 8.29 -6.30	117.86 8.22 -24.99	167.18 4.98 -112.82	186.58 7.93 -102.04	261.98 10.29 -153.15	261.69 7.01 -186.15	306.43 5.51 -245.68	198.25 3.94 -153.19	243.74 4.36 -192.03	95.62 5.18 -37.30
CPV_VALLEY__CC1 323721	110.19 3.12 -47.28	106.32 3.99 -21.60	99.20 3.07 -33.85	125.64 5.63 0.00	122.23 5.37 -8.23	78.74 3.32 -15.39	180.74 6.37 -64.51	132.65 6.28 -18.89	93.51 4.43 -16.30	80.38 4.12 -12.80	118.98 5.94 -22.95	125.23 7.80 -0.32	244.17 14.00 -0.99	128.33 7.48 0.00	122.96 6.41 -18.49	138.14 5.62 -47.87	172.12 3.19 -119.56	219.32 4.81 -137.90	254.45 6.34 -149.57	266.99 4.40 -194.06	351.29 3.53 -292.53	126.93 2.62 -83.19	114.88 2.84 -64.68	68.87 3.16 -12.56
CPV_VALLEY__CC2 323722	110.19 3.12 -47.28	106.32 3.99 -21.60	99.20 3.07 -33.85	125.64 5.63 0.00	122.23 5.37 -8.23	78.74 3.32 -15.39	180.74 6.37 -64.51	132.65 6.28 -18.89	93.51 4.43 -16.30	80.38 4.12 -12.80	118.98 5.94 -22.95	125.23 7.80 -0.32	244.17 14.00 -0.99	128.33 7.48 0.00	122.96 6.41 -18.49	138.14 5.62 -47.87	172.12 3.19 -119.56	219.32 4.81 -137.90	254.45 6.34 -149.57	266.99 4.40 -194.06	351.29 3.53 -292.53	126.93 2.62 -83.19	114.88 2.84 -64.68	68.87 3.16 -12.56
CRESCENT__HYD 24018	132.19 3.36 -69.03	116.87 4.60 -31.54	115.29 3.59 -49.43	126.61 6.60 0.00	126.74 6.10 -12.02	120.47 3.40 -57.04	536.44 6.79 -419.79	236.63 6.24 -122.91	183.30 4.43 -106.08	123.64 4.15 -56.03	101.61 5.80 -5.74	126.12 7.81 -1.21	250.08 14.47 -6.43	128.36 7.51 0.00	108.95 6.26 -4.62	122.83 5.55 -32.63	254.12 3.19 -201.55	246.86 4.66 -165.59	385.43 6.16 -280.73	407.24 4.38 -334.33	479.58 3.52 -420.84	361.90 2.71 -318.06	471.31 3.06 -420.90	138.27 3.37 -81.76
CRICKET__VALLEY_CC1 323756	121.97 4.31 -57.87	112.78 5.61 -26.43	108.01 4.30 -41.43	127.97 7.96 0.00	126.08 7.38 -10.08	84.38 4.27 -20.08	208.81 8.28 -90.66	142.15 8.12 -26.55	101.42 5.73 -22.91	86.52 5.34 -17.73	128.68 7.73 -30.87	127.72 10.20 -0.41	249.13 18.56 -1.39	130.58 9.73 0.00	131.37 8.44 -24.86	156.55 7.33 -64.57	215.97 4.18 -162.41	269.58 6.24 -186.72	310.29 8.24 -203.51	338.05 5.77 -263.76	456.63 4.63 -396.78	159.38 3.50 -114.75	142.10 3.84 -90.91	75.07 4.27 -17.66
CRICKET__VALLEY_CC2 323757	121.97 4.31 -57.87	112.78 5.61 -26.43	108.01 4.30 -41.43	127.97 7.96 0.00	126.08 7.38 -10.08	84.38 4.27 -20.08	208.81 8.28 -90.66	142.15 8.12 -26.55	101.42 5.73 -22.91	86.52 5.34 -17.73	128.68 7.73 -30.87	127.72 10.20 -0.41	249.13 18.56 -1.39	130.58 9.73 0.00	131.37 8.44 -24.86	156.55 7.33 -64.57	215.97 4.18 -162.41	269.58 6.24 -186.72	310.29 8.24 -203.51	338.05 5.77 -263.76	456.63 4.63 -396.78	159.38 3.50 -114.75	142.10 3.84 -90.91	75.07 4.27 -17.66
CRICKET__VALLEY_CC3 323758	121.97 4.31 -57.87	112.78 5.61 -26.43	108.01 4.30 -41.43	127.97 7.96 0.00	126.08 7.38 -10.08	84.38 4.27 -20.08	208.81 8.28 -90.66	142.15 8.12 -26.55	101.42 5.73 -22.91	86.52 5.34 -17.73	128.68 7.73 -30.87	127.72 10.20 -0.41	249.13 18.56 -1.39	130.58 9.73 0.00	131.37 8.44 -24.86	156.55 7.33 -64.57	215.97 4.18 -162.41	269.58 6.24 -186.72	310.29 8.24 -203.51	338.05 5.77 -263.76	456.63 4.63 -396.78	159.38 3.50 -114.75	142.10 3.84 -90.91	75.07 4.27 -17.66
CRUCIBLE__METL_DRP 24180	65.87 -0.24 -6.31	83.18 -0.44 -2.88	66.41 -0.38 -4.52	119.06 -0.95 0.00	109.02 -0.70 -1.10	61.08 -0.09 -1.14	109.79 -0.07 0.00	107.50 0.01 0.00	72.95 0.16 0.00	63.83 0.22 -0.16	91.17 0.23 -0.86	117.29 0.18 0.00	229.10 -0.08 0.00	120.89 0.04 0.00	99.00 0.24 -0.69	86.57 0.26 -1.66	52.99 0.18 -3.43	81.36 0.38 -4.36	103.21 0.55 -4.12	74.36 0.30 -5.53	64.17 0.11 -8.83	42.50 0.04 -1.33	47.19 -0.17 0.00	52.92 -0.22 0.00
DAHOWA__HYDRO 323763	134.20 4.30 -70.11	118.70 5.94 -32.03	117.12 4.65 -50.20	128.73 8.72 0.00	128.92 8.09 -12.21	128.70 4.53 -64.14	603.59 8.84 -484.89	258.14 8.69 -141.97	201.24 5.92 -122.54	132.84 5.18 -64.21	100.62 6.64 -3.91	127.24 8.77 -1.36	253.76 17.15 -7.42	130.09 9.24 0.00	109.01 7.80 -3.15	124.05 6.99 -32.41	275.44 4.20 -221.86	260.41 6.38 -177.42	418.03 8.34 -311.15	442.98 5.85 -368.60	517.86 4.60 -458.03	407.73 3.44 -363.16	537.25 3.71 -486.18	151.34 3.77 -94.44
DANC__LFGE 323619	63.34 0.07 -3.47	82.56 0.24 -1.59	64.92 0.16 -2.49	119.45 -0.56 0.00	108.70 -0.52 -0.61	60.08 -0.58 -0.63	108.07 -1.79 0.00	106.34 -1.14 0.00	72.84 0.05 0.00	63.78 0.33 0.00	90.27 0.19 0.00	117.15 0.04 0.00	229.45 0.27 0.00	121.80 0.95 0.00	99.14 1.07 0.00	85.74 1.09 0.00	50.32 0.94 0.00	78.41 1.80 0.00	100.64 2.10 0.00	69.43 0.90 0.00	55.50 0.27 0.00	41.24 0.12 0.00	47.37 0.02 0.00	53.02 -0.13 0.00
DANSKAMMER__1 23586	119.45 5.18 -54.47	112.34 6.72 -24.88	106.43 5.15 -39.00	129.62 9.61 0.00	127.06 8.95 -9.49	83.71 5.34 -18.34	200.25 10.37 -80.03	141.30 10.38 -23.43	100.21 7.21 -20.22	85.78 6.49 -15.84	127.62 9.33 -28.21	129.80 12.31 -0.38	252.78 22.37 -1.23	132.68 11.83 0.00	130.98 10.19 -22.72	152.44 8.91 -58.88	201.79 5.14 -147.27	254.25 7.90 -169.74	293.19 10.36 -184.29	314.76 7.17 -239.06	421.16 5.72 -360.21	148.15 4.23 -102.79	132.21 4.62 -80.24	73.81 5.09 -15.58
DANSKAMMER__2 23589	119.45 5.18 -54.47	112.34 6.72 -24.88	106.43 5.15 -39.00	129.62 9.61 0.00	127.06 8.95 -9.49	83.71 5.34 -18.34	200.25 10.37 -80.03	141.30 10.38 -23.43	100.21 7.21 -20.22	85.78 6.49 -15.84	127.62 9.33 -28.21	129.80 12.31 -0.38	252.78 22.37 -1.23	132.68 11.83 0.00	130.98 10.19 -22.72	152.44 8.91 -58.88	201.79 5.14 -147.27	254.25 7.90 -169.74	293.19 10.36 -184.29	314.76 7.17 -239.06	421.16 5.72 -360.21	148.15 4.23 -102.79	132.21 4.62 -80.24	73.81 5.09 -15.58
DANSKAMMER__3 23590	119.45 5.18 -54.47	112.34 6.72 -24.88	106.43 5.15 -39.00	129.62 9.61 0.00	127.06 8.95 -9.49	83.71 5.34 -18.34	200.25 10.37 -80.03	141.30 10.38 -23.43	100.21 7.21 -20.22	85.78 6.49 -15.84	127.62 9.33 -28.21	129.80 12.31 -0.38	252.78 22.37 -1.23	132.68 11.83 0.00	130.98 10.19 -22.72	152.44 8.91 -58.88	201.79 5.14 -147.27	254.25 7.90 -169.74	293.19 10.36 -184.29	314.76 7.17 -239.06	421.16 5.72 -360.21	148.15 4.23 -102.79	132.21 4.62 -80.24	73.81 5.09 -15.58

DANSKAMMER___4 23591	119.45 5.18 -54.47	112.34 6.72 -24.88	106.43 5.15 -39.00	129.62 9.61 0.00	127.06 8.95 -9.49	83.71 5.34 -18.34	200.25 10.37 -80.03	141.30 10.38 -23.43	100.21 7.21 -20.22	85.78 6.49 -15.84	127.62 9.33 -28.21	129.80 12.31 -0.38	252.78 22.37 -1.23	132.68 11.83 0.00	130.98 10.19 -22.72	152.44 8.91 -58.88	201.79 5.14 -147.27	254.25 7.90 -169.74	293.19 10.36 -184.29	314.76 7.17 -239.06	421.16 5.72 -360.21	148.15 4.23 -102.79	132.21 4.62 -80.24	73.81 5.09 -15.58
DANSKAMMER___DIESEL 23592	119.45 5.18 -54.47	112.35 6.73 -24.88	106.43 5.15 -39.00	129.62 9.61 0.00	127.05 8.94 -9.49	83.70 5.33 -18.34	200.22 10.33 -80.03	141.30 10.38 -23.43	100.21 7.21 -20.22	85.78 6.50 -15.84	127.62 9.32 -28.21	129.81 12.33 -0.38	252.77 22.37 -1.23	132.68 11.83 0.00	130.98 10.19 -22.72	152.44 8.91 -58.88	201.79 5.14 -147.27	254.24 7.89 -169.74	293.19 10.36 -184.29	314.77 7.17 -239.06	421.16 5.72 -360.21	148.15 4.23 -102.79	132.21 4.62 -80.24	73.81 5.09 -15.58
DARBY___SOLAR 323810	133.80 4.06 -69.95	118.26 5.57 -31.96	116.71 4.35 -50.09	128.14 8.12 0.00	128.34 7.54 -12.18	127.53 4.23 -63.27	595.04 8.23 -476.95	255.15 8.02 -139.64	198.79 5.48 -120.53	131.49 4.82 -63.22	100.40 6.15 -4.18	126.66 8.21 -1.35	252.61 16.12 -7.30	129.50 8.64 0.00	108.66 7.23 -3.36	123.73 6.55 -32.53	272.87 3.92 -219.57	258.74 5.92 -176.21	413.95 7.75 -307.66	438.69 5.44 -364.72	513.48 4.30 -453.96	402.07 3.22 -357.73	529.06 3.49 -478.22	149.60 3.58 -92.89
DASHVILLE___HYD 23610	121.34 5.81 -55.73	113.75 7.55 -25.46	107.96 5.78 -39.91	131.02 11.01 0.00	128.52 10.20 -9.70	87.35 6.11 -21.21	226.53 11.75 -104.91	150.11 11.91 -30.72	107.52 8.23 -26.51	88.74 7.32 -17.97	122.87 10.49 -22.30	131.55 14.01 -0.44	256.08 25.29 -1.61	134.00 13.15 0.00	127.78 11.75 -17.96	143.68 10.35 -48.67	189.54 6.03 -134.13	233.70 9.38 -147.70	281.53 12.20 -170.79	295.46 8.46 -218.47	382.59 6.75 -320.62	157.92 4.87 -111.93	157.76 5.22 -105.19	79.31 5.74 -20.43
DEERFIELD_69_KV_DEERFIELD LD 355887	121.61 6.99 -54.82	114.98 9.20 -25.04	108.53 7.00 -39.25	133.46 13.45 0.00	130.74 12.58 -9.55	85.88 7.73 -18.11	201.31 14.13 -77.32	150.55 15.43 -27.63	102.20 9.88 -19.54	87.52 8.36 -15.71	132.15 11.74 -30.33	131.82 14.34 -0.37	253.41 22.19 -2.03	137.48 15.63 -1.00	134.70 12.90 -23.73	158.93 12.80 -61.48	207.16 6.92 -150.86	261.23 9.73 -174.89	302.26 14.09 -189.63	323.46 10.13 -244.80	433.79 8.46 -370.10	150.18 6.41 -102.64	132.14 7.25 -77.53	75.58 7.38 -15.06
DELAWARE___LFGE 323621	86.41 2.36 -24.25	94.93 3.11 -11.08	82.06 2.42 -17.37	124.62 4.61 0.00	117.23 4.38 -4.22	74.80 2.70 -12.07	187.18 4.93 -72.40	133.43 4.74 -21.20	94.39 3.32 -18.30	76.72 3.08 -10.19	98.18 4.34 -3.76	123.25 5.87 -0.28	240.74 10.45 -1.11	126.45 5.60 0.00	105.93 4.84 -3.03	99.89 4.22 -11.01	97.66 2.40 -45.88	122.93 3.63 -42.69	165.16 4.84 -61.79	147.42 3.30 -75.59	159.02 2.58 -101.21	102.23 1.94 -59.17	121.98 2.04 -72.59	69.48 2.24 -14.10
DERFIELD_115KV_TB7 355931	60.43 0.64 0.00	81.54 0.81 0.00	62.89 0.61 0.00	121.09 1.08 0.00	109.71 1.09 0.00	60.67 0.64 0.00	110.89 1.03 0.00	108.44 0.96 0.00	73.45 0.67 0.00	64.14 0.69 0.00	91.06 0.98 0.00	118.50 1.39 0.00	231.58 2.40 0.00	122.07 1.22 0.00	99.15 1.09 0.00	85.59 0.94 0.00	49.92 0.54 0.00	77.38 0.77 0.00	99.59 1.05 0.00	69.25 0.72 0.00	55.78 0.55 0.00	41.55 0.43 0.00	47.83 0.47 0.00	53.66 0.52 0.00
DOGLEVILLE___HYD 23807	62.74 2.94 0.00	84.62 3.88 0.00	65.30 3.03 0.00	125.60 5.59 0.00	114.05 5.43 0.00	63.31 3.28 0.00	115.75 5.89 0.00	112.92 5.44 0.00	76.36 3.58 0.00	66.11 2.66 0.00	93.83 3.75 0.00	122.73 5.62 0.00	240.46 11.27 0.00	125.62 4.77 0.00	102.35 4.29 0.00	88.98 4.33 0.00	51.99 2.61 0.00	80.68 4.06 0.00	104.20 5.67 0.00	72.46 3.93 0.00	58.27 3.05 0.00	43.50 2.38 0.00	49.92 2.57 0.00	55.90 2.76 0.00
DUNKIRK___115KV_TB_200 55889	64.87 -4.37 -9.45	79.09 -6.07 -4.43	64.83 -4.38 -6.94	111.05 -8.97 0.00	101.54 -8.77 -1.69	58.74 -4.27 -2.97	113.03 -8.37 -11.53	102.90 -7.96 -3.38	71.01 -4.69 -2.92	61.25 -3.97 -1.76	85.93 -5.49 -1.34	106.27 -7.40 3.43	215.07 -14.29 -0.18	114.05 -6.80 0.00	93.90 -5.25 -1.08	83.08 -4.76 -3.19	56.96 -2.70 -10.28	83.02 -4.17 -10.57	106.68 -5.27 -13.41	81.06 -4.30 -16.83	73.71 -3.45 -21.94	49.06 -2.49 -10.42	55.68 -2.86 -11.18	52.67 -2.72 -2.25
DUNKIRK___1 23563	64.87 -4.37 -9.45	79.09 -6.07 -4.43	64.83 -4.38 -6.94	111.05 -8.97 0.00	101.54 -8.77 -1.69	58.74 -4.27 -2.97	113.03 -8.37 -11.53	102.90 -7.96 -3.38	71.01 -4.69 -2.92	61.25 -3.97 -1.76	85.93 -5.49 -1.34	106.27 -7.40 3.43	215.07 -14.29 -0.18	114.05 -6.80 0.00	93.90 -5.25 -1.08	83.08 -4.76 -3.19	56.96 -2.70 -10.28	83.02 -4.17 -10.57	106.68 -5.27 -13.41	81.06 -4.30 -16.83	73.71 -3.45 -21.94	49.06 -2.49 -10.42	55.68 -2.86 -11.18	52.67 -2.72 -2.25
DUNKIRK___2 23564	64.87 -4.37 -9.45	79.09 -6.07 -4.43	64.83 -4.38 -6.94	111.05 -8.97 0.00	101.54 -8.77 -1.69	58.74 -4.27 -2.97	113.03 -8.37 -11.53	102.90 -7.96 -3.38	71.01 -4.69 -2.92	61.25 -3.97 -1.76	85.93 -5.49 -1.34	106.27 -7.40 3.43	215.07 -14.29 -0.18	114.05 -6.80 0.00	93.90 -5.25 -1.08	83.08 -4.76 -3.19	56.96 -2.70 -10.28	83.02 -4.17 -10.57	106.68 -5.27 -13.41	81.06 -4.30 -16.83	73.71 -3.45 -21.94	49.06 -2.49 -10.42	55.68 -2.86 -11.18	52.67 -2.72 -2.25
DUNKIRK___3 23565	64.85 -4.28 -9.34	79.20 -5.91 -4.37	64.88 -4.24 -6.85	111.33 -8.68 0.00	101.78 -8.51 -1.67	58.81 -4.17 -2.94	113.03 -8.21 -11.39	102.87 -7.95 -3.33	70.98 -4.68 -2.88	61.20 -3.99 -1.74	85.72 -5.68 -1.32	106.26 -7.49 3.36	214.48 -14.87 -0.17	113.76 -7.09 0.00	93.56 -5.57 -1.06	82.80 -5.00 -3.15	56.66 -2.87 -10.15	82.61 -4.45 -10.44	106.11 -5.67 -13.24	80.61 -4.54 -16.62	73.28 -3.63 -21.68	48.81 -2.59 -10.28	55.42 -2.97 -11.04	52.50 -2.86 -2.22
DUNKIRK___4 23566	64.85 -4.28 -9.34	79.20 -5.91 -4.37	64.88 -4.24 -6.85	111.33 -8.68 0.00	101.78 -8.51 -1.67	58.81 -4.17 -2.94	113.03 -8.21 -11.39	102.87 -7.95 -3.33	70.98 -4.68 -2.88	61.20 -3.99 -1.74	85.72 -5.68 -1.32	106.26 -7.49 3.36	214.48 -14.87 -0.17	113.76 -7.09 0.00	93.56 -5.57 -1.06	82.80 -5.00 -3.15	56.66 -2.87 -10.15	82.61 -4.45 -10.44	106.11 -5.67 -13.24	80.61 -4.54 -16.62	73.28 -3.63 -21.68	48.81 -2.59 -10.28	55.42 -2.97 -11.04	52.50 -2.86 -2.22
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	119.41 4.81 -54.81	111.98 6.20 -25.04	106.24 4.72 -39.25	128.79 8.78 0.00	126.40 8.24 -9.54	83.07 4.93 -18.11	196.66 9.50 -77.30	139.75 9.63 -22.63	99.06 6.75 -19.53	85.35 6.20 -15.70	128.39 8.92 -29.39	129.18 11.70 -0.37	251.77 21.40 -1.18	132.31 11.46 0.00	131.39 9.66 -23.67	154.10 8.43 -61.01	204.98 4.79 -150.82	258.67 7.23 -174.83	296.38 9.54 -188.31	319.86 6.61 -244.72	430.46 5.25 -369.98	147.63 3.90 -102.61	129.13 4.28 -77.50	72.92 4.73 -15.05
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	117.01 4.52 -52.70	110.64 5.84 -24.07	104.48 4.47 -37.73	128.32 8.30 0.00	125.58 7.79 -9.18	82.42 4.71 -17.68	195.81 9.11 -76.84	139.10 9.12 -22.50	98.54 6.35 -19.42	84.32 5.74 -15.13	125.05 8.27 -26.71	128.37 10.90 -0.36	249.89 19.53 -1.18	131.28 10.43 0.00	128.59 9.01 -21.51	148.33 7.89 -55.79	193.78 4.53 -139.87	244.59 6.95 -161.03	282.75 9.10 -175.11	301.90 6.30 -227.06	402.17 5.04 -341.91	142.96 3.73 -98.10	128.45 4.05 -77.05	72.59 4.48 -14.97

E179THST_138_KV_TB4_REV_LBMP_J 345001	119.64 5.03 -54.81	112.19 6.41 -25.04	106.36 4.84 -39.25	129.17 9.16 0.00	126.70 8.53 -9.54	83.29 5.15 -18.11	197.13 9.97 -77.30	140.42 10.30 -22.63	99.52 7.21 -19.54	85.75 6.60 -15.70	128.64 9.17 -29.39	129.69 12.21 -0.37	252.75 22.39 -1.18	132.72 11.87 0.00	131.71 9.97 -23.67	154.40 8.73 -61.02	205.18 4.97 -150.83	259.04 7.58 -174.85	296.68 9.82 -188.32	320.08 6.81 -244.74	430.67 5.43 -370.02	147.77 4.03 -102.61	129.31 4.45 -77.51	73.09 4.89 -15.05
E179THST_13_KV_LOAD 356214	119.92 5.32 -54.81	112.56 6.79 -25.04	106.63 5.11 -39.25	129.70 9.69 0.00	127.19 9.03 -9.54	83.56 5.42 -18.11	197.68 10.52 -77.30	141.02 10.90 -22.63	99.92 7.61 -19.54	86.11 6.95 -15.70	129.12 9.65 -29.39	130.37 12.89 -0.37	254.04 23.67 -1.18	133.43 12.58 0.00	132.27 10.54 -23.67	154.91 9.23 -61.02	205.47 5.26 -150.83	259.50 8.04 -174.85	297.27 10.41 -188.32	320.48 7.21 -244.74	431.00 5.75 -370.02	148.00 4.26 -102.61	129.57 4.71 -77.51	73.36 5.16 -15.05
EAST HAMPTON___GT 23717	120.98 6.36 -54.82	114.17 8.39 -25.04	108.01 6.48 -39.25	132.41 12.40 0.00	129.91 11.74 -9.55	85.64 7.50 -18.11	200.14 12.96 -77.32	149.93 14.81 -27.63	102.80 10.48 -19.54	88.04 8.89 -15.71	132.92 12.51 -30.33	132.53 15.05 -0.37	253.78 22.57 -2.03	137.93 16.09 -1.00	135.31 13.51 -23.73	159.52 13.39 -61.48	207.02 6.77 -150.86	260.80 9.30 -174.89	301.79 13.62 -189.63	323.18 9.85 -244.80	434.16 8.83 -370.10	150.55 6.78 -102.64	132.53 7.64 -77.53	75.72 7.52 -15.06
EAST RIVER___6 23660	119.70 5.10 -54.81	112.18 6.40 -25.04	106.39 4.87 -39.25	129.14 9.13 0.00	126.76 8.59 -9.54	83.33 5.19 -18.11	197.24 10.09 -77.29	140.47 10.36 -22.63	99.69 7.38 -19.53	85.95 6.80 -15.70	129.19 9.72 -29.39	130.24 12.76 -0.37	253.88 23.51 -1.18	133.42 12.56 0.00	132.17 10.43 -23.67	154.81 9.14 -61.01	205.38 5.19 -150.81	259.34 7.90 -174.82	297.11 10.27 -188.30	320.27 7.03 -244.71	430.76 5.57 -369.96	147.81 4.08 -102.60	129.33 4.48 -77.50	73.13 4.94 -15.05
EAST RIVER___7 23524	119.70 5.10 -54.81	112.18 6.40 -25.04	106.39 4.87 -39.25	129.14 9.13 0.00	126.76 8.59 -9.54	83.33 5.19 -18.11	197.24 10.09 -77.29	140.47 10.36 -22.63	99.69 7.38 -19.53	85.95 6.80 -15.70	129.19 9.72 -29.39	130.24 12.76 -0.37	253.88 23.51 -1.18	133.42 12.56 0.00	132.17 10.43 -23.67	154.81 9.14 -61.01	205.38 5.19 -150.81	259.34 7.90 -174.82	297.11 10.27 -188.30	320.27 7.03 -244.71	430.76 5.57 -369.96	147.81 4.08 -102.60	129.33 4.48 -77.50	73.13 4.94 -15.05
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	119.13 4.63 -54.71	111.69 5.97 -24.99	105.98 4.54 -39.17	128.51 8.49 0.00	126.08 7.93 -9.53	82.86 4.76 -18.07	196.19 9.21 -77.12	139.32 9.26 -22.58	98.78 6.51 -19.49	85.10 5.98 -15.66	127.98 8.61 -29.30	128.77 11.29 -0.37	250.97 20.60 -1.18	131.89 11.03 0.00	130.99 9.33 -23.60	153.61 8.12 -60.83	204.38 4.61 -150.38	257.92 6.99 -174.32	295.49 9.18 -187.77	318.92 6.36 -244.02	429.21 5.07 -368.91	147.23 3.77 -102.34	128.81 4.14 -77.32	72.74 4.57 -15.02
EAST_HAMPTON___DIESEL 23722	120.81 6.19 -54.82	113.95 8.17 -25.04	107.88 6.35 -39.25	132.10 12.09 0.00	129.67 11.50 -9.55	85.54 7.39 -18.11	199.95 12.77 -77.32	149.84 14.72 -27.63	102.77 10.45 -19.54	88.02 8.87 -15.71	132.94 12.53 -30.33	132.53 15.05 -0.37	253.58 22.37 -2.03	137.86 16.02 -1.00	135.27 13.47 -23.73	159.46 13.33 -61.48	206.95 6.71 -150.86	260.72 9.22 -174.89	301.71 13.54 -189.63	323.12 9.79 -244.80	434.11 8.79 -370.10	150.55 6.78 -102.64	132.51 7.62 -77.53	75.67 7.46 -15.06
EAST_POINT___SOLAR 323840	141.04 4.46 -76.78	121.67 5.86 -35.08	121.67 4.41 -54.98	128.69 8.67 0.00	130.02 8.03 -13.37	129.88 4.84 -65.01	600.85 9.35 -481.64	257.94 9.43 -141.02	200.06 5.56 -121.72	129.41 2.51 -63.45	96.51 4.28 -2.15	125.09 6.64 -1.34	249.72 13.16 -7.37	126.63 5.78 0.00	105.10 5.30 -1.73	119.80 6.31 -28.83	267.06 4.26 -213.42	251.15 7.11 -167.42	408.25 8.97 -300.74	429.61 6.11 -354.96	497.14 4.80 -437.12	402.68 3.51 -358.04	534.02 3.75 -482.93	150.93 3.99 -93.80
EAST_PULASKI___ESR 323781	62.61 -1.29 -4.10	80.80 -1.81 -1.87	63.76 -1.45 -2.94	116.76 -3.25 0.00	106.51 -2.83 -0.71	59.30 -1.48 -0.74	106.98 -2.88 0.00	104.91 -2.57 0.00	71.34 -1.44 0.00	62.35 -1.10 0.00	88.34 -1.74 0.00	114.81 -2.29 0.00	224.41 -4.78 0.00	118.74 -2.11 0.00	96.47 -1.59 0.00	83.24 -1.41 0.00	48.71 -0.67 0.00	75.75 -0.87 0.00	97.29 -1.24 0.00	67.53 -1.00 0.00	54.26 -0.97 0.00	40.39 -0.74 0.00	46.31 -1.04 0.00	51.89 -1.26 0.00
EAST_RIVER___1 323558	119.56 4.96 -54.81	112.13 6.36 -25.04	106.35 4.83 -39.25	129.02 9.01 0.00	126.63 8.46 -9.54	83.24 5.10 -18.11	197.02 9.86 -77.29	140.25 10.14 -22.63	99.50 7.19 -19.53	85.76 6.61 -15.70	128.90 9.44 -29.39	129.89 12.41 -0.37	253.15 22.79 -1.18	133.05 12.20 0.00	131.90 10.16 -23.67	154.52 8.85 -61.01	205.22 5.03 -150.81	259.08 7.64 -174.82	296.82 9.98 -188.30	320.09 6.85 -244.71	430.64 5.45 -369.96	147.73 4.00 -102.60	129.24 4.39 -77.50	73.05 4.85 -15.05
EAST_RIVER___2 323559	119.70 5.10 -54.81	112.18 6.40 -25.04	106.39 4.87 -39.25	129.14 9.13 0.00	126.76 8.59 -9.54	83.33 5.19 -18.11	197.24 10.09 -77.29	140.47 10.36 -22.63	99.69 7.38 -19.53	85.95 6.80 -15.70	129.19 9.72 -29.39	130.24 12.76 -0.37	253.88 23.51 -1.18	133.42 12.56 0.00	132.17 10.43 -23.67	154.81 9.14 -61.01	205.38 5.19 -150.81	259.34 7.90 -174.82	297.11 10.27 -188.30	320.27 7.03 -244.71	430.76 5.57 -369.96	147.81 4.08 -102.60	129.33 4.48 -77.50	73.13 4.94 -15.05
EAST___DELAWARE_HYD 23607	112.98 3.55 -49.63	107.94 4.53 -22.67	101.30 3.49 -35.54	126.39 6.38 0.00	123.39 6.13 -8.64	81.01 3.86 -17.12	194.37 7.72 -76.79	137.86 7.90 -22.48	97.61 5.43 -19.41	82.45 4.68 -14.33	119.57 7.00 -22.49	126.67 9.21 -0.35	245.58 15.23 -1.18	129.38 8.53 0.00	123.96 7.77 -18.12	138.98 6.72 -47.60	176.25 3.93 -122.93	222.28 6.13 -139.54	261.34 8.05 -154.76	273.88 5.56 -199.78	357.98 4.39 -298.36	135.83 3.19 -91.51	127.72 3.37 -77.00	71.72 3.62 -14.96
EIGHT_POINT___WT_PWR 323820	66.63 -4.46 -11.30	80.24 -5.89 -5.41	67.70 -3.04 -8.47	113.83 -6.18 0.00	104.12 -6.57 -2.06	60.43 -3.26 -3.66	117.58 -6.64 -14.36	105.76 -5.93 -4.21	72.74 -3.67 -3.63	62.59 -3.06 -2.19	87.01 -4.72 -1.65	103.74 -5.54 7.83	218.85 -10.55 -0.22	117.00 -3.86 0.00	97.07 -2.32 -1.33	86.74 -1.85 -3.94	61.21 -0.90 -12.73	88.40 -1.28 -13.07	113.03 -2.12 -16.61	86.86 -2.50 -20.83	78.30 -2.19 -25.25	51.99 -1.91 -12.78	58.45 -2.44 -13.54	53.45 -2.49 -2.80
ELBRIDGE_115KV_TB2 80188	66.36 -0.28 -6.85	83.36 -0.50 -3.13	66.74 -0.44 -4.90	118.90 -1.11 0.00	108.92 -0.89 -1.19	61.09 -0.18 -1.24	109.63 -0.23 0.00	107.28 -0.20 0.00	72.80 0.02 0.00	63.73 0.10 -0.18	91.00 -0.01 -0.93	117.03 -0.12 -0.04	228.42 -0.77 0.00	120.58 -0.27 0.00	98.84 0.03 -0.75	86.53 0.07 -1.81	53.17 0.05 -3.74	81.57 0.20 -4.75	103.36 0.33 -4.50	74.70 0.14 -6.03	64.86 0.01 -9.62	42.56 -0.01 -1.45	47.11 -0.24 0.00	52.85 -0.29 0.00
ELEC_TRO_TEK 24086	120.14 5.52 -54.82	112.96 7.18 -25.04	106.91 5.38 -39.25	130.21 10.20 0.00	127.56 9.39 -9.55	83.75 5.60 -18.11	197.92 10.74 -77.32	142.00 11.07 -23.44	99.72 7.40 -19.54	85.85 6.69 -15.71	141.63 9.80 -41.76	129.89 12.41 -0.37	258.57 21.98 -7.40	141.09 13.01 -7.23	133.04 10.86 -24.11	158.37 9.45 -64.27	205.45 5.21 -150.86	259.28 7.78 -174.89	298.89 10.73 -189.63	320.85 7.53 -244.80	431.21 5.88 -370.10	148.17 4.41 -102.64	129.77 4.89 -77.53	73.52 5.32 -15.06

ELLENBURG_WT_PWR 323604	58.69 -1.10 0.00	79.59 -1.14 0.00	61.63 -0.64 0.00	119.16 -0.85 0.00	107.61 -1.02 0.00	59.25 -0.78 0.00	108.40 -1.46 0.00	105.64 -1.84 0.00	71.40 -1.38 0.00	62.25 -1.20 0.00	88.30 -1.77 0.00	114.83 -2.27 0.00	226.04 -3.14 0.00	119.28 -1.57 0.00	96.60 -1.47 0.00	83.43 -1.23 0.00	48.77 -0.61 0.00	75.73 -0.88 0.00	97.35 -1.19 0.00	67.67 -0.86 0.00	54.42 -0.80 0.00	40.58 -0.55 0.00	47.03 -0.32 0.00	52.92 -0.22 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	64.77 -4.10 -9.08	79.31 -5.67 -4.25	64.86 -4.07 -6.66	111.64 -8.37 0.00	102.08 -8.16 -1.62	58.84 -4.04 -2.85	112.73 -8.17 -11.04	102.56 -8.16 -3.23	70.76 -4.81 -2.79	60.98 -4.16 -1.69	85.11 -6.25 -1.28	105.97 -7.97 3.17	212.86 -16.49 -0.17	112.76 -8.09 0.00	92.53 -6.57 -1.03	81.94 -5.77 -3.06	55.88 -3.34 -9.85	81.52 -5.22 -10.13	104.68 -6.70 -12.85	79.47 -5.19 -16.12	72.22 -4.08 -21.07	48.20 -2.91 -9.98	54.80 -3.27 -10.72	52.08 -3.21 -2.15
EMPIRE_CC_1 323656	128.26 2.81 -65.65	114.59 3.86 -29.99	112.30 3.02 -47.01	125.51 5.50 0.00	125.16 5.10 -11.43	96.49 2.80 -33.67	322.01 6.76 -205.39	173.35 5.73 -60.14	128.85 4.17 -51.90	98.30 4.30 -30.54	115.55 6.21 -19.26	126.20 8.40 -0.69	247.42 15.09 -3.15	128.45 7.60 0.00	119.92 6.34 -15.51	138.01 5.42 -47.93	217.11 2.98 -164.75	245.66 4.19 -164.86	320.83 5.58 -216.70	342.59 4.09 -269.96	434.36 3.34 -375.79	224.93 2.61 -181.20	256.31 3.02 -205.94	96.82 3.67 -40.00
EMPIRE_CC_2 323658	128.26 2.81 -65.65	114.59 3.86 -29.99	112.30 3.02 -47.01	125.51 5.50 0.00	125.16 5.10 -11.43	96.49 2.80 -33.67	322.01 6.76 -205.39	173.35 5.73 -60.14	128.85 4.17 -51.90	98.30 4.30 -30.54	115.55 6.21 -19.26	126.20 8.40 -0.69	247.42 15.09 -3.15	128.45 7.60 0.00	119.92 6.34 -15.51	138.01 5.42 -47.93	217.11 2.98 -164.75	245.66 4.19 -164.86	320.83 5.58 -216.70	342.59 4.09 -269.96	434.36 3.34 -375.79	224.93 2.61 -181.20	256.31 3.02 -205.94	96.82 3.67 -40.00
ENORWICH_115KV_TB1 80156	82.41 4.64 -17.97	94.95 6.16 -8.05	79.73 4.83 -12.62	129.86 9.85 0.00	121.54 9.84 -3.07	72.87 6.00 -6.84	155.54 11.28 -34.39	128.51 10.96 -10.07	88.58 7.11 -8.69	74.68 6.24 -4.99	101.26 8.60 -2.58	133.41 11.03 -5.27	251.67 21.96 -0.53	133.37 12.52 0.00	111.00 10.86 -2.08	101.16 9.73 -6.77	80.09 5.73 -24.98	110.38 9.44 -24.32	143.97 12.25 -33.18	117.80 8.23 -41.03	120.46 6.28 -58.95	75.22 4.52 -29.58	87.14 4.75 -35.05	64.77 4.92 -6.70
ERIE_ST_34_KV_TB1-2 80199	65.50 -3.74 -9.45	80.04 -5.12 -4.42	65.57 -3.63 -6.93	112.73 -7.28 0.00	103.17 -7.14 -1.69	59.55 -3.46 -2.97	114.33 -7.05 -11.52	103.90 -6.96 -3.37	71.72 -3.98 -2.91	61.76 -3.45 -1.76	86.23 -5.19 -1.34	107.20 -6.57 3.34	215.67 -13.69 -0.18	114.22 -6.63 0.00	93.84 -5.30 -1.08	83.06 -4.78 -3.19	56.87 -2.79 -10.27	82.80 -4.38 -10.56	106.37 -5.57 -13.40	80.99 -4.36 -16.81	73.77 -3.42 -21.97	49.07 -2.46 -10.41	55.73 -2.80 -11.18	52.60 -2.79 -2.24
ERIE_WT_PWR 323693	65.19 -3.90 -9.30	79.66 -5.43 -4.35	65.24 -3.85 -6.82	112.10 -7.91 0.00	102.48 -7.80 -1.66	59.19 -3.76 -2.92	113.50 -7.69 -11.33	103.20 -7.60 -3.32	71.25 -4.40 -2.86	61.41 -3.77 -1.73	85.72 -5.67 -1.32	106.39 -7.42 3.30	214.19 -15.16 -0.17	113.50 -7.35 0.00	93.22 -5.90 -1.06	82.59 -5.20 -3.14	56.57 -2.92 -10.10	82.46 -4.55 -10.39	105.79 -5.93 -13.18	80.43 -4.64 -16.54	73.16 -3.66 -21.60	48.73 -2.63 -10.24	55.34 -3.01 -10.99	52.37 -2.98 -2.21
ESPRGFLD_115KV_TB1 80157	62.30 2.51 0.00	83.94 3.21 0.00	64.68 2.41 0.00	124.86 4.85 0.00	113.23 4.60 0.00	99.78 2.96 -36.78	462.08 5.73 -346.49	214.73 5.80 -101.45	164.14 3.80 -87.56	112.26 2.95 -45.86	96.73 3.96 -2.70	123.60 5.50 -0.99	244.63 10.14 -5.31	126.40 5.55 0.00	105.11 4.87 -2.18	112.08 4.44 -22.98	210.32 2.78 -158.16	207.54 4.61 -126.31	326.23 5.79 -221.90	335.19 3.85 -262.80	384.57 2.99 -326.35	302.68 2.19 -259.36	397.00 2.24 -347.41	122.98 2.36 -67.48
ETNA_115_KV_TB1_REV_LBMP_C 345029	74.76 1.18 -13.79	88.10 1.45 -5.91	72.67 1.13 -9.26	122.03 2.02 0.00	112.87 2.00 -2.25	65.70 1.52 -4.15	129.93 2.98 -17.08	115.48 2.99 -5.00	79.26 2.16 -4.32	68.02 1.99 -2.58	94.56 2.67 -1.82	132.94 3.21 -12.63	235.35 5.91 -0.26	124.17 3.32 0.00	102.59 3.06 -1.47	91.73 2.67 -4.41	65.53 1.59 -14.56	94.10 2.67 -14.81	121.16 3.56 -19.07	94.75 2.37 -23.85	97.03 1.75 -40.06	58.33 1.22 -15.98	66.98 1.12 -18.50	57.65 1.18 -3.33
ETNA____115KV_TB2 80207	74.76 1.18 -13.79	88.10 1.45 -5.91	72.67 1.13 -9.26	122.03 2.02 0.00	112.87 2.00 -2.25	65.70 1.52 -4.15	129.93 2.98 -17.08	115.48 2.99 -5.00	79.26 2.16 -4.32	68.02 1.99 -2.58	94.56 2.67 -1.82	132.94 3.21 -12.63	235.35 5.91 -0.26	124.17 3.32 0.00	102.59 3.06 -1.47	91.73 2.67 -4.41	65.53 1.59 -14.56	94.10 2.67 -14.81	121.16 3.56 -19.07	94.75 2.37 -23.85	97.03 1.75 -40.06	58.33 1.22 -15.98	66.98 1.12 -18.50	57.65 1.18 -3.33
EUCLID____115KV_TB2 356179	63.75 -1.09 -5.05	81.48 -1.56 -2.31	64.69 -1.20 -3.62	117.48 -2.53 0.00	107.27 -2.23 -0.88	59.93 -1.01 -0.91	108.02 -1.84 0.00	105.74 -1.74 0.00	71.75 -1.03 0.00	62.65 -0.80 0.00	88.85 -1.23 0.00	115.51 -1.60 0.00	225.60 -3.58 0.00	119.04 -1.81 0.00	96.72 -1.34 0.00	83.55 -1.10 0.00	48.78 -0.60 0.00	75.73 -0.88 0.00	97.37 -1.17 0.00	67.67 -0.86 0.00	54.45 -0.78 0.00	40.56 -0.56 0.00	46.51 -0.84 0.00	52.18 -0.96 0.00
E_CANADA_CAP_HY 24051	142.55 2.99 -79.76	121.05 3.88 -36.44	122.28 2.89 -57.11	125.77 5.76 0.00	127.87 5.35 -13.89	125.27 3.27 -61.97	564.18 6.32 -448.00	244.86 6.21 -131.17	189.86 3.87 -113.21	124.98 2.46 -59.07	95.44 3.08 -2.29	123.14 4.78 -1.26	245.60 9.56 -6.86	125.62 4.77 0.00	104.07 4.16 -1.84	116.22 4.19 -27.37	251.90 2.85 -199.67	238.61 4.81 -157.19	385.51 5.86 -281.11	404.48 3.93 -332.02	467.87 3.10 -409.55	376.95 2.34 -333.48	499.03 2.49 -449.19	143.04 2.65 -87.25
E_CANADA_MHWK_HY 24050	62.74 2.94 0.00	84.62 3.88 0.00	65.30 3.03 0.00	125.60 5.59 0.00	114.05 5.43 0.00	63.31 3.28 0.00	115.75 5.89 0.00	112.92 5.44 0.00	76.36 3.58 0.00	66.11 2.66 0.00	93.83 3.75 0.00	122.73 5.62 0.00	240.46 11.27 0.00	125.62 4.77 0.00	102.35 4.29 0.00	88.98 4.33 0.00	51.99 2.61 0.00	80.68 4.06 0.00	104.20 5.67 0.00	72.46 3.93 0.00	58.27 3.05 0.00	43.50 2.38 0.00	49.92 2.57 0.00	55.90 2.76 0.00
E_FISHKILL____LBMP 23776	119.88 4.26 -55.82	111.76 5.52 -25.50	106.47 4.22 -39.97	127.85 7.84 0.00	125.67 7.33 -9.72	82.86 4.35 -18.47	197.29 8.42 -79.01	139.02 8.40 -23.13	98.66 5.91 -19.97	85.00 5.46 -16.09	128.21 7.88 -30.26	127.87 10.38 -0.38	249.25 18.86 -1.21	130.86 10.01 0.00	130.98 8.55 -24.37	154.88 7.44 -62.79	208.63 4.22 -155.02	262.78 6.36 -179.81	300.45 8.39 -193.52	325.89 5.82 -251.54	440.29 4.65 -380.41	149.83 3.49 -105.21	130.39 3.83 -79.22	72.77 4.24 -15.39
FALCON____SEABRD_CC1 323796	59.11 -0.69 0.00	80.17 -0.56 0.00	62.20 -0.07 0.00	120.17 0.16 0.00	108.60 -0.02 0.00	59.82 -0.21 0.00	109.33 -0.53 0.00	106.15 -1.33 0.00	71.81 -0.97 0.00	62.94 -0.51 0.00	89.10 -0.98 0.00	116.04 -1.06 0.00	228.24 -0.94 0.00	120.45 -0.40 0.00	97.69 -0.37 0.00	84.41 -0.24 0.00	49.35 -0.03 0.00	76.51 -0.11 0.00	98.51 -0.02 0.00	68.48 -0.05 0.00	54.94 -0.29 0.00	40.98 -0.14 0.00	47.44 0.08 0.00	53.61 0.47 0.00

FALCON___SEABRD_CC2 323797	59.11 -0.69 0.00	80.17 -0.56 0.00	62.20 -0.07 0.00	120.17 0.16 0.00	108.60 -0.02 0.00	59.82 -0.21 0.00	109.33 -0.53 0.00	106.15 -1.33 0.00	71.81 -0.97 0.00	62.94 -0.51 0.00	89.10 -0.98 0.00	116.04 -1.06 0.00	228.24 -0.94 0.00	120.45 -0.40 0.00	97.69 -0.37 0.00	84.41 -0.24 0.00	49.35 -0.03 0.00	76.51 -0.11 0.00	98.51 -0.02 0.00	68.48 -0.05 0.00	54.94 -0.29 0.00	40.98 -0.14 0.00	47.44 0.08 0.00	53.61 0.47 0.00
FAR ROCKAWAY___4 23548	121.33 6.72 -54.82	114.50 8.72 -25.04	108.09 6.57 -39.25	132.49 12.48 0.00	129.62 11.45 -9.55	659.69 6.55 -593.11	319.63 11.76 -198.01	290.16 12.27 -170.41	290.16 8.11 -209.27	290.17 7.30 -219.43	234.90 10.69 -134.14	1723.24 14.09 -1592.04	3016.26 25.13 -2761.94	279.38 14.27 -144.26	290.23 11.90 -180.26	220.22 10.04 -125.53	205.64 5.40 -150.86	259.69 8.18 -174.89	299.48 11.32 -189.63	371.23 7.90 -294.80	848.47 6.48 -786.76	314.64 4.83 -268.69	290.17 5.37 -237.45	290.16 5.76 -231.25
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	119.62 5.02 -54.81	112.18 6.41 -25.04	106.37 4.85 -39.25	129.11 9.09 0.00	126.70 8.53 -9.54	83.27 5.13 -18.11	197.04 9.88 -77.29	140.27 10.16 -22.63	99.51 7.19 -19.53	85.77 6.62 -15.70	128.91 9.44 -29.39	129.89 12.41 -0.37	253.14 22.78 -1.18	133.05 12.20 0.00	131.90 10.16 -23.67	154.53 8.86 -61.01	205.22 5.02 -150.81	259.08 7.64 -174.83	296.83 9.99 -188.30	320.10 6.85 -244.71	430.65 5.45 -369.97	147.74 4.01 -102.60	129.27 4.41 -77.50	73.07 4.88 -15.05
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	119.64 5.03 -54.81	112.22 6.45 -25.04	106.42 4.90 -39.25	129.18 9.17 0.00	126.75 8.58 -9.54	83.29 5.15 -18.11	197.14 9.98 -77.29	140.36 10.24 -22.63	99.56 7.25 -19.53	85.80 6.65 -15.70	128.96 9.49 -29.39	129.97 12.49 -0.37	253.25 22.88 -1.18	133.12 12.27 0.00	131.97 10.23 -23.67	154.58 8.91 -61.01	205.26 5.06 -150.81	259.13 7.68 -174.83	296.87 10.03 -188.30	320.16 6.91 -244.71	430.70 5.50 -369.97	147.78 4.05 -102.60	129.30 4.45 -77.50	73.11 4.91 -15.05
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	119.57 4.97 -54.81	112.14 6.37 -25.04	106.35 4.84 -39.25	129.05 9.04 0.00	126.63 8.46 -9.54	83.23 5.09 -18.11	197.02 9.86 -77.29	140.21 10.09 -22.63	99.48 7.16 -19.53	85.73 6.58 -15.70	128.84 9.38 -29.39	129.83 12.35 -0.37	253.02 22.65 -1.18	133.00 12.15 0.00	131.84 10.11 -23.67	154.46 8.80 -61.01	205.20 5.00 -150.81	259.04 7.60 -174.83	296.74 9.89 -188.30	320.07 6.83 -244.71	430.61 5.41 -369.97	147.71 3.98 -102.60	129.24 4.38 -77.50	73.04 4.85 -15.05
FARRAGUT___LBMP 323566	119.52 4.91 -54.81	112.06 6.29 -25.04	106.30 4.78 -39.25	128.94 8.93 0.00	126.54 8.37 -9.54	83.18 5.04 -18.11	196.91 9.75 -77.29	140.10 9.99 -22.63	99.41 7.09 -19.53	85.66 6.51 -15.70	128.75 9.29 -29.39	129.71 12.22 -0.37	252.78 22.42 -1.18	132.84 11.99 0.00	131.75 10.01 -23.67	154.37 8.70 -61.01	205.14 4.94 -150.81	258.95 7.50 -174.83	296.64 9.80 -188.30	320.00 6.76 -244.71	430.56 5.36 -369.97	147.67 3.94 -102.60	129.20 4.34 -77.50	72.99 4.80 -15.05
FENNER___WINDPWR 24204	68.36 1.38 -7.19	85.70 1.76 -3.21	68.68 1.38 -5.03	122.70 2.69 0.00	112.53 2.69 -1.22	62.97 1.67 -1.27	113.04 3.19 0.00	110.81 3.33 0.00	75.12 2.34 0.00	65.78 2.15 -0.18	94.01 2.97 -0.96	123.35 3.78 -2.47	236.18 7.00 0.00	124.63 3.78 0.00	102.18 3.35 -0.77	89.53 3.02 -1.86	55.06 1.85 -3.84	84.31 2.82 -4.87	106.76 3.61 -4.61	77.11 2.40 -6.18	68.13 1.76 -11.14	43.94 1.22 -1.60	48.81 1.19 -0.26	54.42 1.28 0.00
FIBERTEK___ENERGY 23856	65.87 -0.24 -6.31	83.18 -0.44 -2.88	66.41 -0.38 -4.52	119.06 -0.95 0.00	109.02 -0.70 -1.10	61.08 -0.09 -1.14	109.79 -0.07 0.00	107.50 0.01 0.00	72.95 0.16 0.00	63.83 0.22 -0.16	91.17 0.23 -0.86	117.29 0.18 0.00	229.10 -0.08 0.00	120.89 0.04 0.00	99.00 0.24 -0.69	86.57 0.26 -1.66	52.99 0.18 -3.43	81.36 0.38 -4.36	103.21 0.55 -4.12	74.36 0.30 -5.53	64.17 0.11 -8.83	42.50 0.04 -1.33	47.19 -0.17 0.00	52.92 -0.22 0.00
FITZPATRICK____ 23598	60.68 -2.15 -3.04	79.15 -2.97 -1.39	62.15 -2.30 -2.18	115.44 -4.58 0.00	105.05 -4.10 -0.53	58.46 -2.12 -0.55	105.96 -3.90 0.00	103.69 -3.79 0.00	70.28 -2.50 0.00	61.34 -2.11 0.00	86.99 -3.09 0.00	113.10 -4.00 0.00	221.10 -8.08 0.00	116.63 -4.22 0.00	94.70 -3.36 0.00	81.79 -2.86 0.00	47.78 -1.60 0.00	74.17 -2.44 0.00	95.32 -3.21 0.00	66.27 -2.26 0.00	53.37 -1.86 0.00	39.78 -1.35 0.00	45.67 -1.68 0.00	51.24 -1.91 0.00
FLOWRFLD_69_KV_BK1 356044	121.38 6.76 -54.82	114.64 8.87 -25.04	108.14 6.61 -39.25	132.76 12.75 0.00	129.86 11.69 -9.55	85.09 6.95 -18.11	200.62 13.43 -77.32	149.07 13.98 -27.61	101.01 8.69 -19.54	86.60 7.44 -15.71	131.21 10.73 -30.40	130.94 13.46 -0.37	253.94 22.69 -2.07	136.62 14.73 -1.04	133.96 12.16 -23.74	157.33 11.19 -61.49	206.52 6.28 -150.86	260.58 9.08 -174.89	301.19 13.03 -189.63	322.64 9.31 -244.80	432.57 7.24 -370.10	149.07 5.31 -102.64	131.00 6.11 -77.53	74.71 6.51 -15.06
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	119.83 5.30 -54.73	112.63 6.89 -25.00	106.74 5.28 -39.19	129.85 9.84 0.00	127.31 9.16 -9.53	83.88 5.45 -18.39	200.58 10.58 -80.13	141.54 10.60 -23.46	100.40 7.37 -20.25	86.00 6.64 -15.91	128.12 9.51 -28.53	130.06 12.58 -0.38	253.29 22.88 -1.23	132.93 12.08 0.00	131.44 10.39 -22.98	153.27 9.11 -59.50	203.22 5.24 -148.59	256.08 8.07 -171.39	294.99 10.56 -185.89	317.05 7.32 -241.19	424.65 5.83 -363.59	148.81 4.32 -103.36	132.41 4.72 -80.34	73.94 5.19 -15.61
FORT ORANGE____ 23900	130.64 3.15 -67.69	115.93 4.28 -30.92	114.04 3.30 -48.47	126.06 6.05 0.00	125.97 5.56 -11.79	102.98 2.91 -40.05	376.83 4.97 -262.00	188.62 4.43 -76.71	142.10 3.11 -66.21	101.80 3.18 -35.17	99.03 4.33 -4.62	123.87 5.92 -0.84	244.37 11.18 -4.01	126.42 5.57 0.00	106.07 4.28 -3.72	111.11 4.07 -22.38	181.45 2.11 -129.96	188.36 3.11 -108.64	282.94 4.18 -180.22	286.80 2.89 -215.38	330.98 2.38 -273.38	243.06 1.81 -200.13	312.30 2.25 -262.70	107.26 3.09 -51.03
FORT_DRUM_COGEN 23780	64.25 2.05 -2.40	84.92 3.08 -1.10	66.40 2.41 -1.72	123.53 3.52 0.00	112.06 3.02 -0.42	61.55 1.09 -0.43	110.58 0.72 0.00	109.30 1.82 0.00	75.32 2.54 0.00	66.01 2.56 0.00	93.31 3.23 0.00	120.90 3.79 0.00	237.12 7.94 0.00	126.16 5.31 0.00	102.79 4.73 0.00	89.29 4.64 0.00	52.56 3.18 0.00	82.08 5.47 0.00	105.25 6.71 0.00	72.21 3.68 0.00	57.46 2.23 0.00	42.62 1.50 0.00	49.03 1.68 0.00	54.78 1.64 0.00
FOX_HILLS___ESR 323835	134.83 5.27 -69.77	142.27 6.89 -54.64	136.89 5.21 -69.40	146.25 9.67 -16.57	142.44 9.19 -24.63	135.29 5.52 -69.73	216.67 10.33 -96.48	206.52 10.95 -88.08	169.92 7.67 -89.47	153.39 6.98 -82.95	129.46 9.53 -29.85	127.23 12.52 2.39	253.35 22.97 -1.20	133.09 12.24 0.00	144.32 10.53 -35.73	162.31 9.11 -68.55	205.59 5.20 -151.00	401.65 8.07 -316.97	421.44 10.47 -312.43	374.81 7.24 -299.04	432.79 5.71 -371.85	157.06 4.28 -111.65	131.12 4.64 -79.13	78.10 5.16 -19.80
FPL FAR_ROCK_GT1 24212	121.33 6.72 -54.82	114.50 8.72 -25.04	108.09 6.57 -39.25	132.49 12.48 0.00	129.62 11.45 -9.55	659.70 6.55 -593.11	319.63 11.76 -198.01	290.16 12.27 -170.41	290.16 8.11 -209.27	290.16 7.28 -219.43	234.90 10.68 -134.14	1723.23 14.09 -1592.04	3016.22 25.09 -2761.94	279.29 14.17 -144.26	290.16 11.84 -180.26	220.22 10.04 -125.53	205.64 5.40 -150.86	259.68 8.18 -174.89	299.47 11.30 -189.63	371.23 7.90 -294.80	848.47 6.48 -786.76	314.64 4.83 -268.69	290.16 5.36 -237.45	290.16 5.77 -231.25

FPL_FAR_ROCK_GT2 23815	121.33 6.72 -54.82	114.50 8.72 -25.04	108.09 6.57 -39.25	132.49 12.48 0.00	129.62 11.45 -9.55	659.70 6.55 -593.11	319.63 11.76 -198.01	290.16 12.27 -170.41	290.16 8.11 -209.27	290.16 7.28 -219.43	234.90 10.68 -134.14	1723.23 14.09 -1592.04	3016.22 25.09 -2761.94	279.29 14.17 -144.26	290.16 11.84 -180.26	220.22 10.04 -125.53	205.64 5.40 -150.86	259.68 8.18 -174.89	299.47 11.30 -189.63	371.23 7.90 -294.80	848.47 6.48 -786.76	314.64 4.83 -268.69	290.16 5.36 -237.45	290.16 5.77 -231.25
FRANKLIN_FALL_HYD 24054	59.70 -0.10 0.00	80.90 0.16 0.00	62.60 0.33 0.00	120.96 0.94 0.00	109.02 0.40 0.00	60.01 -0.02 0.00	109.51 -0.36 0.00	106.99 -0.49 0.00	72.37 -0.41 0.00	63.00 -0.45 0.00	89.47 -0.61 0.00	116.06 -1.04 0.00	228.72 -0.46 0.00	120.65 -0.19 0.00	97.56 -0.50 0.00	84.29 -0.36 0.00	49.38 0.00 0.00	76.92 0.30 0.00	98.72 0.19 0.00	68.55 0.02 0.00	55.14 -0.09 0.00	41.24 0.11 0.00	47.83 0.47 0.00	53.69 0.55 0.00
FREEPORT_EQUS_GT1 23764	120.54 5.93 -54.82	113.47 7.69 -25.04	107.29 5.77 -39.25	130.99 10.98 0.00	128.25 10.08 -9.55	84.15 6.00 -18.11	198.66 11.48 -77.32	144.59 11.88 -25.22	100.17 7.85 -19.54	86.18 7.03 -15.71	139.87 10.10 -39.69	129.92 12.44 -0.37	257.66 22.04 -6.44	140.35 13.17 -6.33	133.23 11.11 -24.06	157.84 9.43 -63.76	205.46 5.21 -150.86	259.30 7.79 -174.89	299.09 10.93 -189.63	321.26 7.94 -244.80	431.53 6.20 -370.10	148.48 4.72 -102.64	130.16 5.28 -77.53	73.91 5.71 -15.06
FREEPORT___CT2 23818	120.54 5.93 -54.82	113.47 7.69 -25.04	107.29 5.77 -39.25	130.99 10.98 0.00	128.25 10.08 -9.55	84.15 6.00 -18.11	198.66 11.48 -77.32	144.59 11.88 -25.22	100.17 7.85 -19.54	86.18 7.03 -15.71	139.87 10.10 -39.69	129.92 12.44 -0.37	257.66 22.04 -6.44	140.35 13.17 -6.33	133.23 11.11 -24.06	157.84 9.43 -63.76	205.46 5.21 -150.86	259.30 7.79 -174.89	299.09 10.93 -189.63	321.26 7.94 -244.80	431.53 6.20 -370.10	148.48 4.72 -102.64	130.16 5.28 -77.53	73.91 5.71 -15.06
FRESHKLS_33_KV_LOAD 356253	134.74 5.18 -69.77	142.21 6.83 -54.64	136.86 5.18 -69.40	146.13 9.55 -16.57	142.37 9.12 -24.63	135.25 5.49 -69.73	216.59 10.25 -96.48	206.50 10.94 -88.08	169.89 7.64 -89.47	153.32 6.92 -82.95	129.20 9.27 -29.85	126.81 12.10 2.39	252.53 22.15 -1.20	132.68 11.83 0.00	144.13 10.34 -35.73	162.15 8.94 -68.55	205.49 5.11 -151.00	401.57 7.99 -316.97	421.30 10.33 -312.43	374.71 7.14 -299.04	432.73 5.65 -371.85	157.04 4.26 -111.65	131.07 4.59 -79.13	78.09 5.16 -19.80
FULTON COGEN____ 23766	62.50 -1.68 -4.38	80.37 -2.37 -2.00	63.57 -1.84 -3.14	116.29 -3.72 0.00	106.10 -3.28 -0.76	59.21 -1.61 -0.79	106.98 -2.88 0.00	104.75 -2.73 0.00	71.05 -1.74 0.00	62.00 -1.45 0.00	87.98 -2.10 0.00	114.39 -2.71 0.00	223.52 -5.66 0.00	117.91 -2.94 0.00	95.77 -2.30 0.00	82.72 -1.93 0.00	48.33 -1.06 0.00	75.06 -1.55 0.00	96.18 -2.35 0.00	67.00 -1.53 0.00	53.99 -1.24 0.00	40.18 -0.94 0.00	46.07 -1.28 0.00	51.67 -1.47 0.00
FULTON___LFGE 323630	139.72 3.89 -76.03	120.58 5.11 -34.73	120.57 3.86 -54.44	127.51 7.50 0.00	128.77 6.91 -13.24	129.93 4.13 -65.77	607.81 7.84 -490.11	258.89 7.91 -143.50	201.57 4.94 -123.85	130.93 2.93 -64.55	95.65 3.45 -2.12	124.52 6.05 -1.36	248.90 12.21 -7.50	126.20 5.35 0.00	104.53 4.77 -1.70	119.22 5.36 -29.20	269.91 3.65 -216.88	252.62 6.01 -170.00	411.76 7.55 -305.68	434.43 5.17 -360.74	503.36 4.07 -444.06	408.35 3.00 -364.23	541.98 3.21 -491.42	152.01 3.42 -95.45
G.F.CEMENT___DRP 24184	134.79 4.63 -70.36	119.32 6.44 -32.15	117.70 5.04 -50.38	129.53 9.52 0.00	129.67 8.80 -12.25	130.57 4.90 -65.63	617.90 9.59 -498.45	263.05 9.63 -145.94	205.29 6.55 -125.96	134.97 5.63 -65.90	100.60 7.08 -3.45	127.83 9.33 -1.40	255.42 18.60 -7.63	131.04 10.19 0.00	109.47 8.63 -2.78	124.52 7.65 -32.21	279.79 4.63 -225.78	263.15 7.05 -179.48	424.83 9.18 -317.11	450.20 6.43 -375.23	525.22 5.03 -464.96	417.28 3.72 -372.43	551.06 3.94 -499.78	154.00 3.78 -97.08
GARDENVILLE___LBMP 24039	64.95 -4.08 -9.24	79.42 -5.64 -4.33	65.03 -4.02 -6.78	111.76 -8.26 0.00	102.20 -8.07 -1.65	58.96 -3.98 -2.91	113.08 -8.04 -11.26	102.80 -7.98 -3.30	70.95 -4.68 -2.85	61.13 -4.04 -1.72	85.33 -6.05 -1.31	106.06 -7.74 3.30	213.41 -15.95 -0.17	113.12 -7.73 0.00	92.87 -6.25 -1.05	82.25 -5.52 -3.12	56.23 -3.19 -10.04	81.96 -4.98 -10.33	105.25 -6.39 -13.10	79.99 -4.98 -16.43	72.77 -3.91 -21.45	48.49 -2.81 -10.17	55.10 -3.18 -10.92	52.22 -3.12 -2.19
GARDNVLA_35_KV_LD 355827	65.33 -3.79 -9.32	79.86 -5.23 -4.36	65.39 -3.72 -6.84	112.27 -7.75 0.00	102.67 -7.61 -1.66	59.25 -3.71 -2.93	113.68 -7.54 -11.36	103.38 -7.43 -3.32	71.39 -4.26 -2.87	61.50 -3.69 -1.74	85.79 -5.60 -1.32	106.68 -7.13 3.29	214.61 -14.75 -0.17	113.73 -7.12 0.00	93.36 -5.77 -1.06	82.70 -5.10 -3.14	56.57 -2.94 -10.13	82.46 -4.57 -10.41	105.91 -5.84 -13.21	80.48 -4.62 -16.58	73.26 -3.62 -21.65	48.79 -2.60 -10.26	55.41 -2.96 -11.02	52.46 -2.89 -2.21
GELCKHM___115KV_LOAD 80723	64.53 -0.77 -5.51	82.09 -1.16 -2.52	65.32 -0.90 -3.95	118.05 -1.96 0.00	107.91 -1.67 -0.96	60.35 -0.68 -0.99	108.68 -1.18 0.00	106.40 -1.08 0.00	72.18 -0.60 0.00	63.17 -0.42 -0.14	90.14 -0.68 -0.74	116.19 -0.92 0.00	226.88 -2.30 0.00	119.75 -1.10 0.00	97.92 -0.74 -0.60	85.49 -0.60 -1.44	52.03 -0.31 -2.97	79.99 -0.40 -3.77	101.59 -0.52 -3.57	72.88 -0.43 -4.79	62.43 -0.44 -7.64	41.95 -0.33 -1.15	46.76 -0.59 0.00	52.46 -0.69 0.00
GENERAL___MILLS 23808	65.20 -3.90 -9.30	79.70 -5.38 -4.35	65.26 -3.83 -6.82	112.10 -7.91 0.00	102.49 -7.80 -1.66	59.14 -3.81 -2.92	113.48 -7.71 -11.33	103.16 -7.64 -3.32	71.21 -4.44 -2.86	61.35 -3.84 -1.73	85.61 -5.79 -1.32	106.41 -7.40 3.29	214.08 -15.27 -0.17	113.45 -7.40 0.00	93.15 -5.97 -1.06	82.50 -5.29 -3.14	56.43 -3.05 -10.10	82.25 -4.75 -10.39	105.63 -6.09 -13.18	80.29 -4.77 -16.54	73.08 -3.75 -21.60	48.67 -2.69 -10.24	55.30 -3.05 -10.99	52.37 -2.99 -2.21
GE_PLASTICS___DRP 24183	130.07 2.58 -67.69	115.13 3.47 -30.92	113.43 2.69 -48.47	124.93 4.92 0.00	124.98 4.57 -11.79	96.45 2.51 -33.90	318.26 4.27 -204.13	171.16 3.91 -59.77	127.12 2.75 -51.58	93.26 2.76 -27.05	95.82 3.98 -1.76	123.16 5.34 -0.71	242.23 9.92 -3.13	125.81 4.96 0.00	103.46 3.98 -1.42	102.12 3.60 -13.86	145.15 1.91 -93.86	154.63 2.75 -75.26	233.79 3.72 -131.53	227.01 2.58 -155.90	251.32 2.10 -193.99	195.81 1.63 -153.06	253.94 1.92 -204.67	95.26 2.36 -39.75
GILBOA___1 23756	116.07 2.33 -53.94	108.44 3.07 -24.64	103.25 2.36 -38.63	124.38 4.36 0.00	122.10 4.08 -9.39	75.29 2.41 -12.85	143.09 4.02 -29.21	119.62 3.58 -8.55	82.65 2.48 -7.38	69.89 2.62 -3.82	93.82 3.74 0.00	122.73 5.35 -0.27	238.56 8.94 -0.45	125.57 4.72 0.00	102.09 4.02 0.00	89.67 3.52 -1.50	63.68 1.87 -12.43	88.68 2.57 -9.49	119.78 3.63 -17.61	91.71 2.49 -20.68	82.39 2.00 -25.16	64.26 1.62 -21.51	78.38 1.74 -29.29	60.86 2.02 -5.69
GILBOA___2 23757	116.07 2.33 -53.94	108.44 3.07 -24.64	103.25 2.36 -38.63	124.38 4.36 0.00	122.10 4.08 -9.39	75.29 2.41 -12.85	143.09 4.02 -29.21	119.62 3.58 -8.55	82.65 2.48 -7.38	69.89 2.62 -3.82	93.82 3.74 0.00	122.73 5.35 -0.27	238.56 8.94 -0.45	125.57 4.72 0.00	102.09 4.02 0.00	89.67 3.52 -1.50	63.68 1.87 -12.43	88.68 2.57 -9.49	119.78 3.63 -17.61	91.71 2.49 -20.68	82.39 2.00 -25.16	64.26 1.62 -21.51	78.38 1.74 -29.29	60.86 2.02 -5.69

GILBOA___3 23758	116.07 2.33 -53.94	108.44 3.07 -24.64	103.25 2.36 -38.63	124.38 4.36 0.00	122.10 4.08 -9.39	75.29 2.41 -12.85	143.09 4.02 -29.21	119.62 3.58 -8.55	82.65 2.48 -7.38	69.89 2.62 -3.82	93.82 3.74 0.00	122.73 5.35 -0.27	238.56 8.94 -0.45	125.57 4.72 0.00	102.09 4.02 0.00	89.67 3.52 -1.50	63.68 1.87 -12.43	88.68 2.57 -9.49	119.78 3.63 -17.61	91.71 2.49 -20.68	82.39 2.00 -25.16	64.26 1.62 -21.51	78.38 1.74 -29.29	60.86 2.02 -5.69
GILBOA___4 23759	116.07 2.33 -53.94	108.44 3.07 -24.64	103.25 2.36 -38.63	124.38 4.36 0.00	122.10 4.08 -9.39	75.29 2.41 -12.85	143.09 4.02 -29.21	119.62 3.58 -8.55	82.65 2.48 -7.38	69.89 2.62 -3.82	93.82 3.74 0.00	122.73 5.35 -0.27	238.56 8.94 -0.45	125.57 4.72 0.00	102.09 4.02 0.00	89.67 3.52 -1.50	63.68 1.87 -12.43	88.68 2.57 -9.49	119.78 3.63 -17.61	91.71 2.49 -20.68	82.39 2.00 -25.16	64.26 1.62 -21.51	78.38 1.74 -29.29	60.86 2.02 -5.69
GILBOA___ 23599	116.07 2.34 -53.94	108.44 3.07 -24.64	103.26 2.37 -38.63	124.38 4.37 0.00	122.10 4.08 -9.39	75.28 2.40 -12.85	143.09 4.02 -29.21	119.60 3.57 -8.55	82.65 2.48 -7.38	69.89 2.62 -3.82	93.82 3.74 0.00	122.72 5.35 -0.27	238.57 8.94 -0.45	125.57 4.72 0.00	102.09 4.02 0.00	89.67 3.52 -1.50	63.69 1.87 -12.43	88.68 2.58 -9.49	119.78 3.63 -17.61	91.71 2.49 -20.68	82.39 2.00 -25.16	64.26 1.63 -21.51	78.39 1.74 -29.29	60.86 2.02 -5.69
GINNA___ 23603	62.64 -3.90 -6.75	78.48 -5.39 -3.13	63.12 -4.06 -4.91	111.68 -8.34 0.00	102.20 -7.61 -1.20	57.46 -3.82 -1.24	102.73 -7.13 0.00	100.66 -6.83 0.00	68.51 -4.27 0.00	59.94 -3.69 -0.18	85.50 -5.52 -0.93	108.20 -7.29 1.62	214.23 -14.95 0.00	113.19 -7.66 0.00	92.65 -6.16 -0.75	81.22 -5.25 -1.81	50.19 -2.94 -3.75	76.86 -4.52 -4.76	97.14 -5.90 -4.51	70.20 -4.37 -6.04	60.47 -3.54 -8.78	39.88 -2.62 -1.38	43.99 -3.18 0.18	49.69 -3.45 0.00
GLEN PARK___ 23778	65.22 2.98 -2.45	86.15 4.30 -1.12	67.38 3.35 -1.75	125.37 5.36 0.00	113.75 4.70 -0.43	62.56 2.09 -0.44	112.56 2.70 0.00	111.44 3.95 0.00	76.79 4.01 0.00	67.29 3.84 0.00	95.00 4.92 0.00	122.93 5.82 0.00	240.89 11.71 0.00	128.18 7.33 0.00	104.51 6.44 0.00	90.92 6.27 0.00	53.59 4.21 0.00	83.82 7.20 0.00	107.50 8.96 0.00	73.76 5.23 0.00	58.67 3.44 0.00	43.46 2.34 0.00	49.89 2.53 0.00	55.65 2.51 0.00
GLENDALE_27_KV_LOAD 356172	120.02 5.41 -54.81	112.74 6.96 -25.04	106.79 5.27 -39.25	129.86 9.85 0.00	127.40 9.23 -9.54	83.69 5.55 -18.11	197.80 10.64 -77.30	141.19 11.07 -22.63	100.13 7.81 -19.54	86.28 7.13 -15.70	129.60 10.13 -29.39	130.89 13.40 -0.37	254.83 24.46 -1.18	133.93 13.08 0.00	132.71 10.97 -23.67	155.21 9.53 -61.02	205.64 5.43 -150.83	259.78 8.32 -174.85	297.69 10.83 -188.32	320.71 7.44 -244.74	431.13 5.89 -370.02	148.09 4.35 -102.61	129.63 4.76 -77.51	73.44 5.24 -15.05
GLENWOOD_IC_1_G5 23712	120.08 5.46 -54.82	112.88 7.10 -25.04	106.90 5.37 -39.25	130.14 10.12 0.00	127.53 9.35 -9.55	83.70 5.55 -18.11	197.17 10.00 -77.32	141.91 10.24 -24.18	99.29 6.97 -19.54	85.59 6.44 -15.71	136.05 9.89 -36.08	129.88 12.40 -0.37	257.06 23.14 -4.73	138.20 13.08 -4.27	132.91 10.91 -23.94	156.79 9.26 -62.88	205.36 5.11 -150.86	259.01 7.51 -174.89	298.32 10.16 -189.63	320.40 7.08 -244.80	431.03 5.71 -370.10	148.04 4.28 -102.64	129.70 4.82 -77.53	73.46 5.26 -15.06
GLENWOOD_IC_2_G1 23688	119.74 5.13 -54.82	112.42 6.64 -25.04	106.55 5.03 -39.25	129.47 9.46 0.00	126.94 8.77 -9.55	83.39 5.25 -18.11	197.18 10.00 -77.32	140.30 10.18 -22.64	99.33 7.01 -19.54	85.57 6.41 -15.71	131.81 9.40 -32.33	129.58 12.10 -0.37	254.09 21.93 -2.97	135.17 12.22 -2.10	132.11 10.24 -23.80	155.53 8.91 -61.96	205.25 5.00 -150.86	259.03 7.53 -174.89	298.24 10.08 -189.63	320.35 7.02 -244.80	430.88 5.56 -370.10	147.90 4.13 -102.64	129.41 4.54 -77.52	73.20 5.00 -15.06
GLENWOOD_IC_3_G1 23689	119.74 5.13 -54.82	112.42 6.64 -25.04	106.55 5.03 -39.25	129.47 9.46 0.00	126.94 8.77 -9.55	83.39 5.25 -18.11	197.18 10.00 -77.32	140.30 10.18 -22.64	99.33 7.01 -19.54	85.57 6.41 -15.71	131.81 9.40 -32.33	129.58 12.10 -0.37	254.09 21.93 -2.97	135.17 12.22 -2.10	132.11 10.24 -23.80	155.53 8.91 -61.96	205.25 5.00 -150.86	259.03 7.53 -174.89	298.24 10.08 -189.63	320.35 7.02 -244.80	430.88 5.56 -370.10	147.90 4.13 -102.64	129.41 4.54 -77.52	73.20 5.00 -15.06
GLENWOOD___4 23550	120.08 5.46 -54.82	112.88 7.10 -25.04	106.90 5.37 -39.25	130.14 10.12 0.00	127.53 9.35 -9.55	83.70 5.56 -18.11	197.43 10.26 -77.32	142.15 10.48 -24.18	99.48 7.16 -19.54	85.71 6.56 -15.71	136.08 9.92 -36.08	130.02 12.54 -0.37	257.06 23.14 -4.73	138.20 13.08 -4.27	132.92 10.92 -23.94	156.89 9.35 -62.88	205.46 5.22 -150.86	259.21 7.71 -174.89	298.57 10.40 -189.63	320.57 7.25 -244.80	431.12 5.79 -370.10	148.09 4.33 -102.64	129.71 4.83 -77.53	73.48 5.28 -15.06
GLENWOOD___5 23614	120.08 5.46 -54.82	112.88 7.10 -25.04	106.90 5.37 -39.25	130.14 10.12 0.00	127.53 9.35 -9.55	83.70 5.56 -18.11	197.43 10.26 -77.32	142.15 10.48 -24.18	99.48 7.16 -19.54	85.71 6.56 -15.71	136.08 9.92 -36.08	130.02 12.54 -0.37	257.06 23.14 -4.73	138.20 13.08 -4.27	132.92 10.92 -23.94	156.89 9.35 -62.88	205.46 5.22 -150.86	259.21 7.71 -174.89	298.57 10.40 -189.63	320.57 7.25 -244.80	431.12 5.79 -370.10	148.09 4.33 -102.64	129.71 4.83 -77.53	73.48 5.28 -15.06
GLOBAL GREEN_PORT_GT1 23814	121.57 6.95 -54.82	114.94 9.16 -25.04	108.55 7.03 -39.25	133.45 13.44 0.00	130.79 12.62 -9.55	86.06 7.91 -18.11	200.22 13.04 -77.32	149.37 14.25 -27.63	102.87 10.56 -19.54	87.89 8.73 -15.71	132.52 12.11 -30.33	132.09 14.61 -0.37	253.50 22.29 -2.03	138.25 16.40 -1.00	135.52 13.72 -23.73	159.67 13.55 -61.48	207.08 6.84 -150.86	260.35 8.85 -174.89	301.14 12.98 -189.63	322.98 9.65 -244.80	434.29 8.96 -370.10	150.59 6.82 -102.64	132.56 7.67 -77.53	75.89 7.68 -15.06
GLOBE___DSASP 323697	63.14 -5.25 -8.60	77.64 -7.11 -4.02	63.23 -5.34 -6.30	109.78 -10.24 0.00	100.19 -9.97 -1.53	56.52 -5.10 -1.59	99.64 -10.22 0.00	96.67 -10.81 0.00	66.17 -6.61 0.00	57.87 -5.81 -0.23	82.54 -8.75 -1.21	103.10 -11.19 2.82	205.88 -23.30 0.00	109.14 -11.71 0.00	89.37 -9.67 -0.98	78.63 -8.37 -2.35	49.31 -4.93 -4.86	75.14 -7.65 -6.18	94.57 -9.81 -5.84	69.00 -7.37 -7.84	60.47 -5.76 -11.01	38.85 -4.02 -1.75	42.59 -4.44 0.31	48.72 -4.42 0.00
GOETHSLN___LBMP 323567	119.16 4.56 -54.81	111.57 5.80 -25.04	105.92 4.40 -39.25	128.26 8.24 0.00	125.94 7.78 -9.54	82.86 4.71 -18.11	196.30 9.15 -77.29	139.36 9.25 -22.63	98.87 6.55 -19.53	85.22 6.07 -15.70	128.09 8.64 -29.36	126.08 11.36 2.39	251.21 20.84 -1.18	132.03 11.19 0.00	131.03 9.30 -23.67	153.79 8.12 -61.01	204.80 4.61 -150.81	258.42 6.97 -174.83	295.94 9.10 -188.30	319.51 6.26 -244.71	430.20 5.00 -369.97	147.41 3.68 -102.60	128.90 4.04 -77.50	72.69 4.49 -15.05
GOLAH___69_KV_TB 1_2 80279	65.33 -1.51 -7.05	81.78 -2.23 -3.28	65.82 -1.60 -5.14	116.39 -3.62 0.00	106.46 -3.41 -1.25	59.88 -1.45 -1.30	106.88 -2.99 0.00	104.70 -2.78 0.00	71.37 -1.41 0.00	62.38 -1.25 -0.19	88.82 -2.24 -0.98	112.37 -2.89 1.85	222.75 -6.43 0.00	117.74 -3.11 0.00	96.23 -2.62 -0.79	84.40 -2.16 -1.90	52.14 -1.17 -3.93	79.91 -1.70 -4.99	101.07 -2.19 -4.73	73.01 -1.86 -6.33	62.87 -1.48 -9.13	41.50 -1.07 -1.44	45.80 -1.34 0.21	51.85 -1.29 0.00

GOODYEAR_LAKE_HYD 323669	79.81 2.63 -17.38	92.09 3.42 -7.94	77.37 2.65 -12.45	125.14 5.13 0.00	116.56 4.91 -3.03	82.64 3.09 -19.51	269.92 5.82 -154.24	158.41 5.76 -45.16	115.69 3.93 -38.98	87.77 3.47 -20.85	98.44 4.88 -3.48	124.17 6.57 -0.50	243.28 11.73 -2.36	127.26 6.41 0.00	106.42 5.55 -2.80	104.20 4.90 -14.65	131.79 2.86 -79.55	148.92 4.47 -67.83	214.15 5.85 -109.76	204.22 3.97 -131.71	227.09 3.07 -168.79	162.39 2.27 -119.00	204.35 2.35 -154.65	85.71 2.53 -30.04
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	77.81 -0.09 -18.10	88.89 -0.17 -8.32	75.28 -0.03 -13.04	119.80 -0.21 0.00	111.65 -0.13 -3.17	66.16 0.30 -5.82	134.18 0.49 -23.82	114.69 0.23 -6.98	79.20 0.40 -6.02	67.51 0.45 -3.61	93.22 0.56 -2.57	116.27 0.67 1.51	230.79 1.24 -0.36	121.78 0.93 0.00	101.23 1.09 -2.07	91.62 0.75 -6.22	70.14 0.29 -20.47	97.95 0.47 -20.86	126.28 0.96 -26.78	102.66 0.61 -33.52	101.82 0.33 -46.26	62.81 0.21 -21.47	71.12 0.06 -23.71	57.87 0.09 -4.64
GOUDEY___7 23579	77.81 -0.09 -18.10	88.89 -0.17 -8.32	75.28 -0.03 -13.04	119.80 -0.21 0.00	111.65 -0.13 -3.17	66.16 0.30 -5.82	134.18 0.49 -23.82	114.69 0.23 -6.98	79.20 0.40 -6.02	67.51 0.45 -3.61	93.22 0.56 -2.57	116.27 0.67 1.51	230.79 1.24 -0.36	121.78 0.93 0.00	101.23 1.09 -2.07	91.62 0.75 -6.22	70.14 0.29 -20.47	97.95 0.47 -20.86	126.28 0.96 -26.78	102.66 0.61 -33.52	101.82 0.33 -46.26	62.81 0.21 -21.47	71.12 0.06 -23.71	57.87 0.09 -4.64
GOUDEY___8 23580	77.81 -0.09 -18.10	88.89 -0.17 -8.32	75.28 -0.03 -13.04	119.80 -0.21 0.00	111.65 -0.13 -3.17	66.16 0.30 -5.82	134.18 0.49 -23.82	114.69 0.23 -6.98	79.20 0.40 -6.02	67.51 0.45 -3.61	93.22 0.56 -2.57	116.27 0.67 1.51	230.79 1.24 -0.36	121.78 0.93 0.00	101.23 1.09 -2.07	91.62 0.75 -6.22	70.14 0.29 -20.47	97.95 0.47 -20.86	126.28 0.96 -26.78	102.66 0.61 -33.52	101.82 0.33 -46.26	62.81 0.21 -21.47	71.12 0.06 -23.71	57.87 0.09 -4.64
GOWANUS_GT1_1 24077	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT1_2 24078	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT1_3 24079	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT1_4 24080	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT1_5 24084	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT1_6 24111	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT1_7 24112	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT1_8 24113	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT2_1 24114	135.01 5.44 -69.77	142.45 7.07 -54.64	137.02 5.34 -69.40	146.52 9.94 -16.57	142.63 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.19 -88.08	170.12 7.87 -89.47	153.56 7.16 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.53 24.15 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.45 -299.04	432.99 5.91 -371.85	157.17 4.39 -111.65	131.27 4.79 -79.13	78.24 5.30 -19.80
GOWANUS_GT2_2 24115	135.01 5.44 -69.77	142.45 7.07 -54.64	137.02 5.34 -69.40	146.52 9.94 -16.57	142.63 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.19 -88.08	170.12 7.87 -89.47	153.56 7.16 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.53 24.15 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.45 -299.04	432.99 5.91 -371.85	157.17 4.39 -111.65	131.27 4.79 -79.13	78.24 5.30 -19.80
GOWANUS_GT2_3 24116	135.01 5.44 -69.77	142.45 7.07 -54.64	137.02 5.34 -69.40	146.52 9.94 -16.57	142.63 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.19 -88.08	170.12 7.87 -89.47	153.56 7.16 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.53 24.15 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.45 -299.04	432.99 5.91 -371.85	157.17 4.39 -111.65	131.27 4.79 -79.13	78.24 5.30 -19.80

GOWANUS_GT2_4 24117	135.01 5.44 -69.77	142.45 7.07 -54.64	137.02 5.34 -69.40	146.52 9.94 -16.57	142.63 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.19 -88.08	170.12 7.87 -89.47	153.56 7.16 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.53 24.15 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.45 -299.04	432.99 5.91 -371.85	157.17 4.39 -111.65	131.27 4.79 -79.13	78.24 5.30 -19.80
GOWANUS_GT2_5 24118	135.01 5.44 -69.77	142.45 7.07 -54.64	137.02 5.34 -69.40	146.52 9.94 -16.57	142.63 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.19 -88.08	170.12 7.87 -89.47	153.56 7.16 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.53 24.15 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.45 -299.04	432.99 5.91 -371.85	157.17 4.39 -111.65	131.27 4.79 -79.13	78.24 5.30 -19.80
GOWANUS_GT2_6 24119	135.01 5.44 -69.77	142.45 7.07 -54.64	137.02 5.34 -69.40	146.52 9.94 -16.57	142.63 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.19 -88.08	170.12 7.87 -89.47	153.56 7.16 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.53 24.15 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.45 -299.04	432.99 5.91 -371.85	157.17 4.39 -111.65	131.27 4.79 -79.13	78.24 5.30 -19.80
GOWANUS_GT2_7 24120	135.01 5.44 -69.77	142.45 7.07 -54.64	137.02 5.34 -69.40	146.52 9.94 -16.57	142.63 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.19 -88.08	170.12 7.87 -89.47	153.56 7.16 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.53 24.15 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.45 -299.04	432.99 5.91 -371.85	157.17 4.39 -111.65	131.27 4.79 -79.13	78.24 5.30 -19.80
GOWANUS_GT2_8 24121	135.01 5.44 -69.77	142.45 7.07 -54.64	137.02 5.34 -69.40	146.52 9.94 -16.57	142.63 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.19 -88.08	170.12 7.87 -89.47	153.56 7.16 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.53 24.15 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.45 -299.04	432.99 5.91 -371.85	157.17 4.39 -111.65	131.27 4.79 -79.13	78.24 5.30 -19.80
GOWANUS_GT3_1 24122	135.01 5.44 -69.77	142.45 7.07 -54.64	137.02 5.34 -69.40	146.52 9.94 -16.57	142.63 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.19 -88.08	170.12 7.87 -89.47	153.56 7.16 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.53 24.15 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.45 -299.04	432.99 5.91 -371.85	157.17 4.39 -111.65	131.27 4.79 -79.13	78.24 5.30 -19.80
GOWANUS_GT3_2 24123	135.01 5.44 -69.77	142.45 7.07 -54.64	137.02 5.34 -69.40	146.52 9.94 -16.57	142.63 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.19 -88.08	170.12 7.87 -89.47	153.56 7.16 -82.95	129.91 9.98 -29.85	130.59 												

GOWANUS_GT4_3 24132	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT4_4 24133	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT4_5 24134	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT4_6 24135	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT4_7 24136	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GOWANUS_GT4_8 24137	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GREENBSH_115KV_TB3 55895	130.54 2.73 -68.02	115.48 3.67 -31.07	113.84 2.86 -48.70	125.19 5.17 0.00	125.28 4.81 -11.84	103.80 2.60 -41.16	386.63 4.79 -271.99	191.42 4.31 -79.63	144.59 3.07 -68.73	103.04 3.15 -36.44	99.08 4.58 -4.42	124.02 6.04 -0.87	244.54 11.20 -4.16	126.40 5.55 0.00	105.97 4.34 -3.56	111.11 3.94 -22.51	184.83 2.02 -133.42	190.41 2.91 -110.89	287.77 3.95 -185.29	292.46 2.74 -221.18	337.44 2.26 -279.95	250.05 1.75 -207.17	322.24 2.17 -272.71	108.86 2.75 -52.97
GREENDGE_115KV_TB5 80291	69.14 -1.37 -10.72	84.09 -1.83 -5.19	69.20 -1.21 -8.13	116.46 -3.55 0.00	107.39 -3.22 -1.98	62.85 -0.70 -3.52	122.63 -1.09 -13.86	110.46 -1.08 -4.06	75.91 -0.37 -3.50	65.37 -0.20 -2.12	90.84 -0.82 -1.58	105.32 -2.39 9.39	223.27 -6.13 -0.21	118.39 -2.46 0.00	98.25 -1.09 -1.27	87.79 -0.65 -3.78	61.57 -0.06 -12.24	89.27 0.10 -12.56	114.58 0.06 -15.98	88.34 -0.23 -20.04	78.21 -0.33 -23.31	53.13 -0.23 -12.23	59.57 -0.64 -12.86	55.16 -0.68 -2.70
GREENIDGE___3 23582	69.14 -1.37 -10.72	84.09 -1.83 -5.19	69.20 -1.21 -8.13	116.46 -3.55 0.00	107.39 -3.22 -1.98	62.85 -0.70 -3.52	122.63 -1.09 -13.86	110.46 -1.08 -4.06	75.91 -0.37 -3.50	65.37 -0.20 -2.12	90.84 -0.82 -1.58	105.32 -2.39 9.39	223.27 -6.13 -0.21	118.39 -2.46 0.00	98.25 -1.09 -1.27	87.79 -0.65 -3.78	61.57 -0.06 -12.24	89.27 0.10 -12.56	114.58 0.06 -15.98	88.34 -0.23 -20.04	78.21 -0.33 -23.31	53.13 -0.23 -12.23	59.57 -0.64 -12.86	55.16 -0.68 -2.70
GREENIDGE___4 23583	69.14 -1.37 -10.72	84.10 -1.82 -5.19	69.19 -1.21 -8.13	116.46 -3.55 0.00	107.36 -3.24 -1.98	62.85 -0.71 -3.52	122.63 -1.09 -13.86	110.47 -1.07 -4.06	75.91 -0.38 -3.50	65.37 -0.20 -2.12	90.84 -0.82 -1.58	105.33 -2.39 9.39	223.25 -6.14 -0.21	118.42 -2.43 0.00	98.24 -1.09 -1.27	87.79 -0.64 -3.78	61.57 -0.06 -12.24	89.27 0.09 -12.56	114.56 0.04 -15.98	88.32 -0.25 -20.04	78.18 -0.36 -23.31	53.11 -0.24 -12.23	59.55 -0.66 -12.86	55.16 -0.68 -2.70
GREENLWN_69_KV_BK 3 55738	120.26 5.65 -54.82	113.14 7.36 -25.04	107.04 5.51 -39.25	130.52 10.51 0.00	127.74 9.57 -9.55	83.75 5.61 -18.11	197.79 10.61 -77.32	145.72 10.72 -27.51	99.48 7.16 -19.54	85.68 6.52 -15.71	130.54 9.84 -30.62	129.97 12.49 -0.37	252.47 21.12 -2.17	135.16 13.14 -1.17	132.80 10.99 -23.74	155.88 9.68 -61.55	205.44 5.19 -150.86	258.86 7.36 -174.89	298.68 10.52 -189.63	320.60 7.28 -244.80	431.02 5.69 -370.10	148.12 4.35 -102.64	129.87 4.98 -77.53	73.63 5.43 -15.06
GREENWD_138_KV_38B11_REV_LBMP_J 345004	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80
GRISSOM___SOLAR 323813	139.06 3.92 -75.35	120.33 5.17 -34.42	120.13 3.91 -53.95	127.54 7.53 0.00	128.68 6.94 -13.12	130.62 4.12 -66.47	615.50 7.79 -497.85	261.09 7.84 -145.76	203.47 4.88 -125.81	131.76 2.75 -65.56	95.37 3.21 -2.09	124.43 5.95 -1.38	248.76 11.96 -7.62	125.93 5.08 0.00	104.34 4.60 -1.68	119.49 5.30 -29.54	273.06 3.63 -220.05	254.87 5.90 -172.35	416.18 7.45 -310.19	439.68 5.13 -366.01	509.69 4.06 -450.40	413.99 2.99 -369.88	549.74 3.21 -499.18	153.52 3.42 -96.96
GROVEVILLE___HYD 323602	119.83 5.30 -54.73	112.63 6.89 -25.00	106.74 5.28 -39.19	129.85 9.84 0.00	127.31 9.16 -9.53	83.88 5.45 -18.39	200.58 10.58 -80.13	141.54 10.60 -23.46	100.40 7.37 -20.25	86.00 6.64 -15.91	128.12 9.51 -28.53	130.06 12.58 -0.38	253.29 22.88 -1.23	132.93 12.08 0.00	131.44 10.39 -22.98	153.27 9.11 -59.50	203.22 5.24 -148.59	256.08 8.07 -171.39	294.99 10.56 -185.89	317.05 7.32 -241.19	424.65 5.83 -363.59	148.81 4.32 -103.36	132.41 4.72 -80.34	73.94 5.19 -15.61
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	65.87 -0.24 -6.31	83.18 -0.44 -2.88	66.41 -0.38 -4.52	119.06 -0.95 0.00	109.02 -0.70 -1.10	61.08 -0.09 -1.14	109.79 -0.07 0.00	107.50 0.01 0.00	72.95 0.16 0.00	63.83 0.22 -0.16	91.17 0.23 -0.86	117.29 0.18 0.00	229.10 -0.08 0.00	120.89 0.04 0.00	99.00 0.24 -0.69	86.57 0.26 -1.66	52.99 0.18 -3.43	81.36 0.38 -4.36	103.21 0.55 -4.12	74.36 0.30 -5.53	64.17 0.11 -8.83	42.50 0.04 -1.33	47.19 -0.17 0.00	52.92 -0.22 0.00

HAMLTNNY_34_KV_TB 80303	66.73 0.08 -6.86	83.84 -0.03 -3.13	67.10 -0.08 -4.91	119.60 -0.42 0.00	109.50 -0.31 -1.19	61.46 0.19 -1.24	110.32 0.46 0.00	108.00 0.51 0.00	73.31 0.53 0.00	64.18 0.55 -0.18	91.62 0.61 -0.93	117.81 0.66 -0.04	229.80 0.62 0.00	121.35 0.50 0.00	99.48 0.66 -0.75	87.11 0.64 -1.81	53.49 0.37 -3.75	82.05 0.67 -4.76	104.05 1.01 -4.50	75.14 0.57 -6.04	65.21 0.34 -9.64	42.82 0.24 -1.45	47.39 0.04 0.00	53.16 0.01 0.00
HAMPSHIRE___PAPER_HYD 323593	60.99 -0.11 -1.30	81.56 0.23 -0.60	63.41 0.21 -0.93	120.09 0.08 0.00	108.33 -0.52 -0.23	59.36 -0.91 -0.24	106.93 -2.93 0.00	104.93 -2.55 0.00	71.53 -1.25 0.00	62.46 -0.99 0.00	89.09 -0.99 0.00	115.39 -1.71 0.00	227.42 -1.76 0.00	120.37 -0.48 0.00	97.44 -0.62 0.00	84.03 -0.62 0.00	49.22 -0.16 0.00	76.70 0.08 0.00	98.40 -0.13 0.00	67.95 -0.58 0.00	54.49 -0.74 0.00	40.78 -0.34 0.00	47.38 0.03 0.00	53.25 0.10 0.00
HARDSCRABBLE_WT_PWR 323673	62.29 2.50 0.00	83.99 3.25 0.00	64.79 2.52 0.00	124.70 4.69 0.00	113.27 4.64 0.00	62.88 2.84 0.00	114.94 5.08 0.00	112.21 4.72 0.00	75.90 3.12 0.00	65.84 2.39 0.00	93.45 3.37 0.00	122.05 4.95 0.00	239.07 9.89 0.00	125.18 4.33 0.00	101.94 3.88 0.00	88.48 3.83 0.00	51.64 2.27 0.00	80.19 3.58 0.00	103.46 4.92 0.00	71.93 3.40 0.00	57.85 2.63 0.00	43.16 2.04 0.00	49.57 2.21 0.00	55.54 2.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	115.23 4.25 -51.18	109.57 5.45 -23.38	103.11 4.19 -36.65	127.80 7.78 0.00	124.86 7.33 -8.91	81.32 4.47 -16.82	189.81 8.58 -71.37	136.91 8.53 -20.89	96.80 5.98 -18.04	83.26 5.49 -14.33	124.26 7.95 -26.23	127.86 10.41 -0.35	248.95 18.68 -1.09	130.91 10.06 0.00	127.76 8.57 -21.12	146.75 7.52 -54.58	189.28 4.29 -135.61	239.98 6.56 -156.80	276.59 8.56 -169.50	294.57 5.95 -220.09	392.24 4.77 -332.24	137.97 3.52 -93.33	122.75 3.84 -71.56	71.28 4.23 -13.90
HARSNRAD_115KV_TB1 81005	63.47 -4.79 -8.46	78.01 -6.67 -3.95	63.46 -5.01 -6.20	109.77 -10.24 0.00	100.25 -9.88 -1.51	56.57 -5.02 -1.56	99.72 -10.14 0.00	97.35 -10.13 0.00	66.67 -6.12 0.00	58.32 -5.36 -0.23	83.18 -8.09 -1.19	104.20 -10.15 2.76	207.93 -21.25 0.00	110.23 -10.62 0.00	90.27 -8.75 -0.96	79.40 -7.57 -2.31	49.75 -4.41 -4.78	75.80 -6.89 -6.07	95.49 -8.80 -5.74	69.58 -6.65 -7.70	60.85 -5.20 -10.83	39.17 -3.68 -1.72	42.94 -4.10 0.31	49.02 -4.13 0.00
HARZA MOOSE___RIVER 24016	63.25 1.68 -1.77	83.95 2.41 -0.81	65.43 1.90 -1.27	123.16 3.15 0.00	111.80 2.87 -0.31	61.66 1.30 -0.32	111.57 1.71 0.00	109.84 2.36 0.00	75.04 2.26 0.00	65.61 2.16 0.00	92.99 2.91 0.00	120.89 3.79 0.00	236.72 7.54 0.00	125.29 4.44 0.00	101.99 3.92 0.00	88.19 3.54 0.00	51.64 2.25 0.00	80.27 3.66 0.00	103.12 4.59 0.00	71.21 2.68 0.00	56.98 1.75 0.00	42.34 1.22 0.00	48.74 1.39 0.00	54.61 1.46 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	64.57 -0.79 -5.56	82.12 -1.15 -2.54	65.37 -0.88 -3.98	118.11 -1.90 0.00	107.92 -1.67 -0.97	60.39 -0.65 -1.01	108.70 -1.16 0.00	106.43 -1.06 0.00	72.23 -0.55 0.00	63.22 -0.38 -0.14	90.19 -0.63 -0.75	116.28 -0.83 0.00	227.06 -2.12 0.00	119.82 -1.03 0.00	97.98 -0.69 -0.60	85.57 -0.54 -1.45	52.09 -0.29 -3.00	80.02 -0.40 -3.81	101.65 -0.49 -3.61	72.96 -0.41 -4.83	62.53 -0.41 -7.72	41.97 -0.32 -1.16	46.78 -0.57 0.00	52.47 -0.67 0.00
HELLGATE_13_KV_LD 55870	119.74 5.13 -54.81	112.37 6.59 -25.04	106.49 4.97 -39.25	129.35 9.34 0.00	126.90 8.73 -9.54	83.39 5.25 -18.11	197.25 10.09 -77.30	140.57 10.46 -22.63	99.69 7.37 -19.54	85.92 6.77 -15.70	129.12 9.65 -29.39	130.22 12.74 -0.37	253.48 23.12 -1.18	133.21 12.36 0.00	132.12 10.39 -23.67	154.69 9.01 -61.02	205.34 5.13 -150.83	259.30 7.84 -174.85	297.09 10.23 -188.32	320.28 7.01 -244.74	430.79 5.55 -370.02	147.85 4.11 -102.61	129.36 4.50 -77.51	73.16 4.96 -15.05
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	119.74 5.13 -54.81	112.37 6.59 -25.04	106.49 4.97 -39.25	129.35 9.34 0.00	126.90 8.73 -9.54	83.39 5.25 -18.11	197.25 10.09 -77.30	140.57 10.46 -22.63	99.69 7.37 -19.54	85.92 6.77 -15.70	129.12 9.65 -29.39	130.22 12.74 -0.37	253.48 23.12 -1.18	133.21 12.36 0.00	132.12 10.39 -23.67	154.69 9.01 -61.02	205.34 5.13 -150.83	259.30 7.84 -174.85	297.09 10.23 -188.32	320.28 7.01 -244.74	430.79 5.55 -370.02	147.85 4.11 -102.61	129.36 4.50 -77.51	73.16 4.96 -15.05
HEMPSTEAD____ 23647	120.11 5.50 -54.82	112.92 7.14 -25.04	106.90 5.37 -39.25	130.19 10.18 0.00	127.56 9.38 -9.55	83.73 5.58 -18.11	197.79 10.61 -77.32	143.43 10.96 -24.98	99.65 7.33 -19.54	85.77 6.61 -15.71	136.79 9.73 -36.99	129.67 12.19 -0.37	256.20 21.85 -5.16	138.57 12.82 -4.90	132.81 10.77 -23.98	157.09 9.34 -63.10	205.41 5.16 -150.86	259.17 7.67 -174.89	298.76 10.59 -189.63	320.80 7.47 -244.80	431.19 5.86 -370.10	148.15 4.39 -102.64	129.77 4.89 -77.53	73.53 5.32 -15.06
HEWLETT_69_KV_BK3 55828	120.58 5.96 -54.82	113.53 7.75 -25.04	107.33 5.80 -39.25	130.99 10.98 0.00	128.27 10.10 -9.55	84.09 5.95 -18.11	198.39 11.21 -77.32	141.77 11.65 -22.64	100.03 7.71 -19.54	86.14 6.98 -15.71	159.67 10.28 -59.30	130.62 13.13 -0.38	268.04 23.20 -15.66	150.96 13.66 -16.45	134.11 11.39 -24.66	163.05 9.84 -68.56	205.57 5.33 -150.86	259.57 8.06 -174.89	299.32 11.16 -189.63	321.15 7.82 -244.80	431.48 6.15 -370.10	148.37 4.61 -102.64	130.04 5.16 -77.53	73.74 5.54 -15.06
HICKLING___1 23621	71.85 -1.73 -13.79	84.93 -2.38 -6.57	71.05 -1.52 -10.29	116.97 -3.04 0.00	108.20 -2.93 -2.50	63.43 -1.07 -4.47	125.43 -2.02 -17.59	110.38 -2.26 -5.15	76.15 -1.08 -4.45	65.24 -0.90 -2.69	90.61 -1.48 -2.02	106.32 -2.14 8.65	225.57 -3.88 -0.27	119.51 -1.34 0.00	99.14 -0.55 -1.62	88.62 -0.85 -4.81	64.29 -0.66 -15.57	91.73 -0.86 -15.98	118.13 -0.72 -20.32	93.23 -0.78 -25.48	85.76 -0.85 -31.37	56.04 -0.77 -15.68	62.94 -1.09 -16.68	55.47 -1.10 -3.43
HICKLING___2 23622	71.85 -1.73 -13.79	84.93 -2.38 -6.57	71.05 -1.52 -10.29	116.97 -3.04 0.00	108.20 -2.93 -2.50	63.43 -1.07 -4.47	125.43 -2.02 -17.59	110.38 -2.26 -5.15	76.15 -1.08 -4.45	65.24 -0.90 -2.69	90.61 -1.48 -2.02	106.32 -2.14 8.65	225.57 -3.88 -0.27	119.51 -1.34 0.00	99.14 -0.55 -1.62	88.62 -0.85 -4.81	64.29 -0.66 -15.57	91.73 -0.86 -15.98	118.13 -0.72 -20.32	93.23 -0.78 -25.48	85.76 -0.85 -31.37	56.04 -0.77 -15.68	62.94 -1.09 -16.68	55.47 -1.10 -3.43
HIGH FALLS___HY 23754	119.97 6.00 -54.17	113.23 7.74 -24.75	106.98 5.92 -38.79	131.08 11.07 0.00	128.44 10.38 -9.43	86.34 6.32 -19.98	218.33 12.44 -96.02	148.23 12.63 -28.11	105.73 8.68 -24.26	87.84 7.47 -16.92	123.90 10.94 -22.88	131.98 14.46 -0.41	255.33 24.68 -1.47	134.38 13.53 0.00	128.62 12.13 -18.43	144.51 10.52 -49.34	188.18 6.14 -132.66	233.98 9.61 -147.75	279.31 12.56 -168.21	293.11 8.68 -215.90	381.02 6.88 -318.91	152.46 5.05 -106.28	149.09 5.46 -96.28	77.73 5.89 -18.70
HIGH_RIVER___SOLAR 323847	135.67 2.99 -72.89	117.99 3.96 -33.30	117.50 3.04 -52.19	125.77 5.75 0.00	126.64 5.33 -12.69	132.13 3.11 -68.98	641.26 5.72 -525.68	267.00 5.60 -153.91	209.25 3.62 -132.84	135.16 2.53 -69.18	94.79 2.74 -1.97	123.24 4.68 -1.46	246.57 9.34 -8.05	124.94 4.09 0.00	103.34 3.68 -1.59	119.41 4.02 -30.74	283.51 2.71 -231.43	261.71 4.28 -180.82	430.47 5.50 -326.42	457.31 3.79 -384.99	531.42 2.98 -473.21	433.55 2.23 -390.19	576.82 2.39 -527.08	158.10 2.57 -102.38

HILLBURN___GT 23639	115.81 4.13 -51.89	109.71 5.27 -23.70	103.46 4.04 -37.16	127.52 7.51 0.00	124.77 7.11 -9.04	81.45 4.35 -17.07	190.74 8.37 -72.50	137.01 8.30 -21.23	96.91 5.81 -18.32	83.42 5.38 -14.59	124.70 7.77 -26.85	127.58 10.12 -0.35	248.61 18.31 -1.11	130.68 9.83 0.00	128.02 8.33 -21.62	147.77 7.27 -55.84	192.10 4.14 -138.59	243.24 6.28 -160.34	279.93 8.22 -173.18	299.18 5.73 -224.91	399.48 4.62 -339.64	139.67 3.42 -95.13	123.77 3.73 -72.69	71.41 4.15 -14.12
HILLSIDE_115KV_TB1 80332	72.00 -2.12 -14.32	84.67 -2.86 -6.80	70.94 -1.98 -10.65	115.98 -4.03 0.00	107.53 -3.68 -2.59	63.15 -1.51 -4.62	125.28 -2.80 -18.22	109.56 -3.26 -5.34	75.61 -1.77 -4.61	64.70 -1.53 -2.78	89.87 -2.30 -2.09	105.71 -3.31 8.08	223.48 -5.98 -0.28	118.25 -2.60 0.00	98.21 -1.54 -1.68	87.85 -1.79 -4.98	64.18 -1.32 -16.12	91.27 -1.90 -16.55	117.72 -1.86 -21.05	93.50 -1.42 -26.39	86.78 -1.40 -32.95	56.27 -1.14 -16.29	63.23 -1.50 -17.37	55.12 -1.57 -3.55
HISHELDN_WT_PWR 323625	65.18 -4.56 -9.94	79.09 -6.31 -4.67	65.30 -4.29 -7.32	111.40 -8.61 0.00	101.81 -8.59 -1.78	58.82 -4.35 -3.14	113.40 -8.68 -12.22	102.49 -8.57 -3.58	70.87 -5.00 -3.09	61.12 -4.19 -1.87	85.12 -6.37 -1.42	104.89 -8.20 4.02	212.73 -16.64 -0.19	113.04 -7.81 0.00	93.18 -6.03 -1.14	82.64 -5.39 -3.38	57.25 -3.02 -10.88	83.11 -4.69 -11.19	106.57 -6.16 -14.20	81.56 -4.79 -17.81	74.53 -3.71 -23.01	49.35 -2.79 -11.01	55.89 -3.27 -11.81	52.19 -3.34 -2.38
HOLTSVILLE_IC_1 23690	121.06 6.45 -54.82	114.23 8.46 -25.04	107.83 6.30 -39.25	132.17 12.16 0.00	129.32 11.15 -9.55	84.79 6.64 -18.11	200.08 12.90 -77.32	148.49 13.37 -27.64	100.72 8.39 -19.54	86.36 7.20 -15.71	130.75 10.37 -30.30	130.39 12.92 -0.37	252.67 21.48 -2.02	135.71 13.88 -0.98	133.29 11.49 -23.73	156.82 10.70 -61.47	206.21 5.96 -150.86	260.07 8.57 -174.89	300.48 12.31 -189.63	322.17 8.84 -244.80	432.26 6.94 -370.10	148.87 5.10 -102.64	130.68 5.80 -77.53	74.40 6.20 -15.06
HOLTSVILLE_IC_10 23699	121.43 6.82 -54.82	114.72 8.94 -25.04	108.20 6.68 -39.25	132.88 12.87 0.00	129.99 11.81 -9.55	85.19 7.04 -18.11	200.82 13.64 -77.32	149.24 14.16 -27.60	100.99 8.67 -19.54	86.55 7.39 -15.71	131.17 10.66 -30.43	130.96 13.48 -0.37	253.83 22.57 -2.08	136.57 14.67 -1.05	133.87 12.07 -23.74	157.47 11.32 -61.50	206.57 6.32 -150.86	260.54 9.03 -174.89	301.19 13.02 -189.63	322.74 9.41 -244.80	432.65 7.32 -370.10	149.14 5.38 -102.64	131.04 6.15 -77.53	74.76 6.56 -15.06
HOLTSVILLE_IC_2 23691	121.06 6.45 -54.82	114.23 8.46 -25.04	107.83 6.30 -39.25	132.17 12.16 0.00	129.32 11.15 -9.55	84.79 6.64 -18.11	200.08 12.90 -77.32	148.49 13.37 -27.64	100.72 8.39 -19.54	86.36 7.20 -15.71	130.75 10.37 -30.30	130.39 12.92 -0.37	252.67 21.48 -2.02	135.71 13.88 -0.98	133.29 11.49 -23.73	156.82 10.70 -61.47	206.21 5.96 -150.86	260.07 8.57 -174.89	300.48 12.31 -189.63	322.17 8.84 -244.80	432.26 6.94 -370.10	148.87 5.10 -102.64	130.68 5.80 -77.53	74.40 6.20 -15.06
HOLTSVILLE_IC_3 23692	121.06 6.45 -54.82	114.23 8.46 -25.04	107.83 6.30 -39.25	132.17 12.16 0.00	129.32 11.15 -9.55	84.79 6.64 -18.11	200.08 12.90 -77.32	148.49 13.37 -27.64	100.72 8.39 -19.54	86.36 7.20 -15.71	130.75 10.37 -30.30	130.39 12.92 -0.37	252.67 21.48 -2.02	135.71 13.88 -0.98	133.29 11.49 -23.73	156.82 10.70 -61.47	206.21 5.96 -150.86	260.07 8.57 -174.89	300.48 12.31 -189.63	322.17 8.84 -244.80	432.26 6.94 -370.10	148.87 5.10 -102.64	130.68 5.80 -77.53	74.40 6.20 -15.06
HOLTSVILLE_IC_4 23693	121.06 6.45 -54.82	114.23 8.46 -25.04	107.83 6.30 -39.25	132.17 12.16 0.00	129.32 11.15 -9.55	84.79 6.64 -18.11	200.08 12.90 -77.32	148.49 13.37 -27.64	100.72 8.39 -19.54	86.36 7.20 -15.71	130.75 10.37 -30.30	130.39 12.92 -0.37	252.67 21.48 -2.02	135.71 13.88 -0.98	133.29 11.49 -23.73	156.82 10.70 -61.47	206.21 5.96 -150.86	260.07 8.57 -174.89	300.48 12.31 -189.63	322.17 8.84 -244.80	432.26 6.94 -370.10	148.87 5.10 -102.64	130.68 5.80 -77.53	74.40 6.20 -15.06
HOLTSVILLE_IC_5 23694	121.06 6.45 -54.82	114.23 8.46 -25.04	107.83 6.30 -39.25	132.17 12.16 0.00	129.32 11.15 -9.55	84.79 6.64 -18.11	200.08 12.90 -77.32	148.49 13.37 -27.64	100.72 8.39 -19.54	86.36 7.20 -15.71	130.75 10.37 -30.30	130.39 12.92 -0.37	252.67 21.48 -2.02	135.71 13.88 -0.98	133.29 11.49 -23.73	156.82 10.70 -61.47	206.21 5.96 -150.86	260.07 8.57 -174.89	300.48 12.31 -189.63	322.17 8.84 -244.80	432.26 6.94 -370.10	148.87 5.10 -102.64	130.68 5.80 -77.53	74.40 6.20 -15.06
HOLTSVILLE_IC_6 23695	121.43 6.82 -54.82	114.72 8.94 -25.04	108.20 6.68 -39.25	132.88 12.87 0.00	129.99 11.81 -9.55	85.19 7.04 -18.11	200.82 13.64 -77.32	149.24 14.16 -27.60	100.99 8.67 -19.54	86.55 7.39 -15.71	131.17 10.66 -30.43	130.96 13.48 -0.37	253.83 22.57 -2.08	136.57 14.67 -1.05	133.87 12.07 -23.74	157.47 11.32 -61.50	206.57 6.32 -150.86	260.54 9.03 -174.89	301.19 13.02 -189.63	322.74 9.41 -244.80	432.65 7.32 -370.10	149.14 5.38 -102.64	131.04 6.15 -77.53	74.76 6.56 -15.06
HOLTSVILLE_IC_7 23696	121.43 6.82 -54.82	114.72 8.94 -25.04	108.20 6.68 -39.25	132.88 12.87 0.00	129.99 11.81 -9.55	85.19 7.04 -18.11	200.82 13.64 -77.32	149.24 14.16 -27.60	100.99 8.67 -19.54	86.55 7.39 -15.71	131.17 10.66 -30.43	130.96 13.48 -0.37	253.83 22.57 -2.08	136.57 14.67 -1.05	133.87 12.07 -23.74	157.47 11.32 -61.50	206.57 6.32 -150.86	260.54 9.03 -174.89	301.19 13.02 -189.63	322.74 9.41 -244.80	432.65 7.32 -370.10	149.14 5.38 -102.64	131.04 6.15 -77.53	74.76 6.56 -15.06
HOLTSVILLE_IC_8 23697	121.43 6.82 -54.82	114.72 8.94 -25.04	108.20 6.68 -39.25	132.88 12.87 0.00	129.99 11.81 -9.55	85.19 7.04 -18.11	200.82 13.64 -77.32	149.24 14.16 -27.60	100.99 8.67 -19.54	86.55 7.39 -15.71	131.17 10.66 -30.43	130.96 13.48 -0.37	253.83 22.57 -2.08	136.57 14.67 -1.05	133.87 12.07 -23.74	157.47 11.32 -61.50	206.57 6.32 -150.86	260.54 9.03 -174.89	301.19 13.02 -189.63	322.74 9.41 -244.80	432.65 7.32 -370.10	149.14 5.38 -102.64	131.04 6.15 -77.53	74.76 6.56 -15.06
HOLTSVILLE_IC_9 23698	121.43 6.82 -54.82	114.72 8.94 -25.04	108.20 6.68 -39.25	132.88 12.87 0.00	129.99 11.81 -9.55	85.19 7.04 -18.11	200.82 13.64 -77.32	149.24 14.16 -27.60	100.99 8.67 -19.54	86.55 7.39 -15.71	131.17 10.66 -30.43	130.96 13.48 -0.37	253.83 22.57 -2.08	136.57 14.67 -1.05	133.87 12.07 -23.74	157.47 11.32 -61.50	206.57 6.32 -150.86	260.54 9.03 -174.89	301.19 13.02 -189.63	322.74 9.41 -244.80	432.65 7.32 -370.10	149.14 5.38 -102.64	131.04 6.15 -77.53	74.76 6.56 -15.06
HOMER_HL_115KV_TB2 355744	66.76 -3.53 -10.50	81.01 -4.65 -4.93	66.81 -3.18 -7.72	113.96 -6.05 0.00	104.90 -5.60 -1.88	60.59 -2.77 -3.32	116.40 -6.38 -12.92	104.56 -6.71 -3.78	72.05 -4.00 -3.26	62.02 -3.40 -1.98	86.92 -4.65 -1.50	107.05 -5.86 4.20	218.30 -11.08 -0.20	115.87 -4.97 0.00	95.45 -3.82 -1.21	84.29 -3.94 -3.57	58.47 -2.42 -11.51	84.09 -4.35 -11.83	108.17 -5.38 -15.01	83.55 -3.81 -18.83	76.49 -3.10 -24.36	50.54 -2.24 -11.65	57.31 -2.53 -12.49	53.11 -2.55 -2.52
HOWARD_WT_PWR 323690	66.80 -4.42 -11.42	80.39 -5.83 -5.48	67.91 -2.96 -8.60	113.95 -6.06 0.00	104.27 -6.44 -2.09	60.54 -3.21 -3.72	117.80 -6.66 -14.60	105.89 -5.87 -4.28	72.83 -3.64 -3.69	62.67 -3.01 -2.23	87.10 -4.65 -1.67	103.16 -5.39 8.56	219.15 -10.26 -0.22	117.12 -3.73 0.00	97.18 -2.23 -1.35	86.94 -1.72 -4.00	61.49 -0.82 -12.93	88.70 -1.19 -13.27	113.40 -2.01 -16.87	87.25 -2.44 -21.16	78.39 -2.18 -25.34	52.21 -1.87 -12.96	58.66 -2.39 -13.70	53.54 -2.45 -2.85

HQ_GEN_CEDARS 23644	58.28 -1.51 0.00	79.23 -1.50 0.00	61.07 -1.21 0.00	118.08 -1.93 0.00	106.37 -2.25 0.00	58.42 -1.62 0.00	106.84 -3.02 0.00	104.32 -3.17 0.00	70.40 -2.38 0.00	61.12 -2.33 0.00	87.17 -2.91 0.00	112.72 -4.39 0.00	223.75 -5.43 0.00	118.05 -2.80 0.00	94.73 -3.33 0.00	81.50 -3.16 0.00	47.71 -1.67 0.00	74.21 -2.41 0.00	95.25 -3.29 0.00	66.20 -2.33 0.00	53.34 -1.89 0.00	39.83 -1.29 0.00	46.47 -0.88 0.00	52.26 -0.89 0.00
HQ_GEN_CEDARS_PROXY 323590	58.28 -1.51 0.00	79.25 -1.49 0.00	61.07 -1.21 0.00	118.08 -1.93 0.00	106.37 -2.25 0.00	58.42 -1.61 0.00	106.84 -3.02 0.00	104.31 -3.17 0.00	70.40 -2.38 0.00	61.12 -2.33 0.00	87.17 -2.91 0.00	112.73 -4.38 0.00	223.75 -5.43 0.00	118.04 -2.80 0.00	94.73 -3.33 0.00	81.50 -3.15 0.00	47.71 -1.67 0.00	74.20 -2.41 0.00	95.25 -3.29 0.00	66.19 -2.34 0.00	53.34 -1.89 0.00	39.83 -1.29 0.00	46.48 -0.88 0.00	52.26 -0.88 0.00
HQ_GEN_IMPORT 323601	58.64 -1.15 0.00	79.35 -1.39 0.00	61.22 -1.06 0.00	118.35 -1.66 0.00	106.87 -1.75 0.00	58.93 -1.24 -0.13	107.99 -1.87 0.00	105.67 -1.82 0.00	71.33 -1.45 0.00	61.91 -1.54 0.00	87.97 -2.11 0.00	114.10 -3.00 0.00	208.91 -4.61 15.66	118.42 -2.43 0.00	95.80 -2.27 0.00	82.58 -2.08 0.00	48.21 -1.17 0.00	74.94 -1.67 0.00	96.25 -2.29 0.00	66.99 -1.54 0.00	54.05 -1.18 0.00	40.20 -0.92 0.00	46.54 -0.81 0.00	52.25 -0.90 0.00
HQ_GEN_WHEEL 23651	58.64 -1.15 0.00	79.35 -1.39 0.00	61.22 -1.06 0.00	118.35 -1.66 0.00	106.87 -1.75 0.00	58.93 -1.24 -0.13	107.99 -1.87 0.00	105.67 -1.82 0.00	71.33 -1.45 0.00	61.91 -1.54 0.00	87.97 -2.11 0.00	114.10 -3.00 0.00	208.91 -4.61 15.66	118.42 -2.43 0.00	95.80 -2.27 0.00	82.58 -2.08 0.00	48.21 -1.17 0.00	74.94 -1.67 0.00	96.25 -2.29 0.00	66.99 -1.54 0.00	54.05 -1.18 0.00	40.20 -0.92 0.00	46.54 -0.81 0.00	52.25 -0.90 0.00
HUDSON AVE_GT_3 23810	119.63 5.02 -54.81	112.21 6.44 -25.04	106.40 4.88 -39.25	129.15 9.13 0.00	126.72 8.55 -9.54	83.29 5.14 -18.11	197.13 9.97 -77.29	140.32 10.20 -22.63	99.55 7.24 -19.53	85.80 6.65 -15.70	128.93 9.47 -29.39	129.96 12.48 -0.37	253.26 22.90 -1.18	133.14 12.29 0.00	131.96 10.23 -23.67	154.57 8.90 -61.01	205.26 5.07 -150.81	259.14 7.70 -174.83	296.91 10.07 -188.30	320.17 6.92 -244.71	430.70 5.50 -369.97	147.78 4.05 -102.60	129.32 4.46 -77.50	73.12 4.92 -15.05
HUDSON AVE_GT_4 23540	119.63 5.02 -54.81	112.21 6.44 -25.04	106.40 4.88 -39.25	129.15 9.13 0.00	126.72 8.55 -9.54	83.29 5.14 -18.11	197.13 9.97 -77.29	140.32 10.20 -22.63	99.55 7.24 -19.53	85.80 6.65 -15.70	128.93 9.47 -29.39	129.96 12.48 -0.37	253.26 22.90 -1.18	133.14 12.29 0.00	131.96 10.23 -23.67	154.57 8.90 -61.01	205.26 5.07 -150.81	259.14 7.70 -174.83	296.91 10.07 -188.30	320.17 6.92 -244.71	430.70 5.50 -369.97	147.78 4.05 -102.60	129.32 4.46 -77.50	73.12 4.92 -15.05
HUDSON AVE_GT_5 23657	119.63 5.02 -54.81	112.21 6.44 -25.04	106.40 4.88 -39.25	129.15 9.13 0.00	126.72 8.55 -9.54	83.29 5.14 -18.11	197.13 9.97 -77.29	140.32 10.20 -22.63	99.55 7.24 -19.53	85.80 6.65 -15.70	128.93 9.47 -29.39	129.96 12.48 -0.37	253.26 22.90 -1.18	133.14 12.29 0.00	131.96 10.23 -23.67	154.57 8.90 -61.01	205.26 5.07 -150.81	259.14 7.70 -174.83	296.91 10.07 -188.30	320.17 6.92 -244.71	430.70 5.50 -369.97	147.78 4.05 -102.60	129.32 4.46 -77.50	73.12 4.92 -15.05
HUDSON_AVE_10 24168	119.38 4.78 -54.81	111.86 6.08 -25.04	106.12 4.61 -39.25	128.62 8.60 0.00	126.26 8.09 -9.54	83.02 4.88 -18.11	196.62 9.46 -77.29	139.88 9.76 -22.63	99.25 6.93 -19.53	85.53 6.37 -15.70	128.45 8.98 -29.39	129.33 11.86 -0.37	252.16 21.80 -1.18	132.52 11.67 0.00	131.45 9.71 -23.67	154.12 8.45 -61.01	205.00 4.81 -150.81	258.76 7.31 -174.83	296.41 9.57 -188.30	319.81 6.57 -244.71	430.43 5.23 -369.97	147.56 3.83 -102.60	129.12 4.27 -77.50	72.90 4.70 -15.05
HUDSON___115KV_TB 4 355613	130.39 4.25 -66.34	116.78 5.73 -30.31	114.22 4.44 -47.51	128.37 8.36 0.00	127.84 7.66 -11.55	99.63 4.19 -35.40	337.83 7.38 -220.59	179.13 7.06 -64.59	133.30 4.77 -55.74	97.77 4.41 -29.90	100.96 5.45 -5.43	125.73 7.87 -0.75	248.29 15.73 -3.38	128.75 7.90 0.00	108.43 5.99 -4.38	112.47 5.97 -21.85	168.41 3.41 -115.62	181.21 5.26 -99.34	264.65 6.93 -159.19	264.63 4.77 -191.33	305.16 3.80 -246.12	214.81 2.79 -170.90	271.74 3.21 -221.18	100.10 4.00 -42.96
HUNTER MOUNT___DRP 323613	128.91 4.56 -64.55	116.38 6.16 -29.49	113.27 4.78 -46.22	129.13 9.12 0.00	128.18 8.32 -11.24	96.63 4.61 -31.99	309.45 8.07 -191.52	171.39 7.83 -56.07	126.46 5.28 -48.40	94.76 4.76 -26.55	103.82 5.92 -7.82	126.38 8.60 -0.67	249.44 17.33 -2.93	129.51 8.66 0.00	111.07 6.71 -6.30	116.21 6.57 -24.99	166.05 3.84 -112.82	184.66 6.00 -102.04	259.56 7.87 -153.15	260.11 5.43 -186.15	305.24 4.33 -245.68	197.40 3.08 -153.19	242.86 3.48 -192.03	94.67 4.23 -37.30
HUNTINGTON_RES_REC 323705	120.85 6.23 -54.82	113.94 8.17 -25.04	107.60 6.08 -39.25	131.69 11.68 0.00	128.87 10.70 -9.55	84.45 6.31 -18.11	199.27 12.09 -77.32	147.50 12.43 -27.58	100.28 7.96 -19.54	86.06 6.91 -15.71	130.68 10.17 -30.43	130.27 12.79 -0.37	252.86 21.60 -2.08	135.66 13.76 -1.05	133.23 11.43 -23.74	156.53 10.37 -61.50	205.93 5.69 -150.86	259.68 8.18 -174.89	299.89 11.72 -189.63	321.62 8.29 -244.80	431.80 6.47 -370.10	148.60 4.83 -102.64	130.41 5.52 -77.53	74.15 5.95 -15.06
HUNTLEY___63 23557	64.55 -4.00 -8.76	79.28 -5.55 -4.10	64.61 -4.08 -6.42	111.85 -8.16 0.00	102.07 -8.12 -1.56	57.57 -4.08 -1.62	101.37 -8.49 0.00	98.76 -8.72 0.00	67.63 -5.15 0.00	59.20 -4.48 -0.23	84.51 -6.81 -1.24	105.64 -8.53 2.94	211.70 -17.48 0.00	112.40 -8.45 0.00	92.09 -6.97 -0.99	81.01 -6.04 -2.40	50.79 -3.55 -4.96	77.42 -5.50 -6.30	97.43 -7.06 -5.96	71.06 -5.46 -7.99	62.18 -4.24 -11.19	39.93 -2.98 -1.78	43.72 -3.31 0.33	49.91 -3.23 0.00
HUNTLEY___64 23558	64.55 -4.00 -8.76	79.28 -5.55 -4.10	64.61 -4.08 -6.42	111.85 -8.16 0.00	102.07 -8.12 -1.56	57.57 -4.08 -1.62	101.37 -8.49 0.00	98.76 -8.72 0.00	67.63 -5.15 0.00	59.20 -4.48 -0.23	84.51 -6.81 -1.24	105.64 -8.53 2.94	211.70 -17.48 0.00	112.40 -8.45 0.00	92.09 -6.97 -0.99	81.01 -6.04 -2.40	50.79 -3.55 -4.96	77.42 -5.50 -6.30	97.43 -7.06 -5.96	71.06 -5.46 -7.99	62.18 -4.24 -11.19	39.93 -2.98 -1.78	43.72 -3.31 0.33	49.91 -3.23 0.00
HUNTLEY___65 23559	64.55 -4.00 -8.76	79.28 -5.55 -4.10	64.61 -4.08 -6.42	111.85 -8.16 0.00	102.07 -8.12 -1.56	57.57 -4.08 -1.62	101.37 -8.49 0.00	98.76 -8.72 0.00	67.63 -5.15 0.00	59.20 -4.48 -0.23	84.51 -6.81 -1.24	105.64 -8.53 2.94	211.70 -17.48 0.00	112.40 -8.45 0.00	92.09 -6.97 -0.99	81.01 -6.04 -2.40	50.79 -3.55 -4.96	77.42 -5.50 -6.30	97.43 -7.06 -5.96	71.06 -5.46 -7.99	62.18 -4.24 -11.19	39.93 -2.98 -1.78	43.72 -3.31 0.33	49.91 -3.23 0.00
HUNTLEY___66 23560	64.55 -4.00 -8.76	79.28 -5.55 -4.10	64.61 -4.08 -6.42	111.85 -8.16 0.00	102.07 -8.12 -1.56	57.57 -4.08 -1.62	101.37 -8.49 0.00	98.76 -8.72 0.00	67.63 -5.15 0.00	59.20 -4.48 -0.23	84.51 -6.81 -1.24	105.64 -8.53 2.94	211.70 -17.48 0.00	112.40 -8.45 0.00	92.09 -6.97 -0.99	81.01 -6.04 -2.40	50.79 -3.55 -4.96	77.42 -5.50 -6.30	97.43 -7.06 -5.96	71.06 -5.46 -7.99	62.18 -4.24 -11.19	39.93 -2.98 -1.78	43.72 -3.31 0.33	49.91 -3.23 0.00

HUNTLEY___67 23561	64.38 -4.34 -8.92	78.91 -6.00 -4.17	64.46 -4.35 -6.54	111.07 -8.94 0.00	101.55 -8.66 -1.59	57.33 -4.35 -1.65	101.08 -8.78 0.00	98.68 -8.80 0.00	67.53 -5.25 0.00	59.13 -4.56 -0.24	84.47 -6.87 -1.26	105.26 -8.79 3.06	210.94 -18.24 0.00	111.81 -9.04 0.00	91.71 -7.37 -1.01	80.67 -6.43 -2.45	50.69 -3.75 -5.05	77.19 -5.84 -6.42	97.12 -7.49 -6.07	70.95 -5.72 -8.14	62.12 -4.48 -11.38	39.75 -3.19 -1.82	43.44 -3.57 0.34	49.63 -3.51 0.00
HUNTLEY___68 23562	64.38 -4.34 -8.92	78.91 -6.00 -4.17	64.46 -4.35 -6.54	111.07 -8.94 0.00	101.55 -8.66 -1.59	57.33 -4.35 -1.65	101.08 -8.78 0.00	98.68 -8.80 0.00	67.53 -5.25 0.00	59.13 -4.56 -0.24	84.47 -6.87 -1.26	105.26 -8.79 3.06	210.94 -18.24 0.00	111.81 -9.04 0.00	91.71 -7.37 -1.01	80.67 -6.43 -2.45	50.69 -3.75 -5.05	77.19 -5.84 -6.42	97.12 -7.49 -6.07	70.95 -5.72 -8.14	62.12 -4.48 -11.38	39.75 -3.19 -1.82	43.44 -3.57 0.34	49.63 -3.51 0.00
HYLAND___LFGE 323620	69.72 0.31 -9.62	85.52 0.25 -4.54	70.06 0.67 -7.11	121.15 1.14 0.00	110.98 0.63 -1.73	64.00 0.91 -3.06	119.89 -1.86 -11.89	107.00 -3.97 -3.48	74.23 -1.56 -3.00	63.54 -1.73 -1.82	85.93 -5.52 -1.38	105.59 -6.88 4.64	214.83 -14.53 -0.18	113.63 -7.21 0.00	94.16 -5.01 -1.11	84.73 -3.20 -3.28	59.23 -0.73 -10.58	86.70 -0.79 -10.87	111.00 -1.34 -13.80	84.91 -0.93 -17.31	80.13 2.92 -21.98	52.92 1.12 -10.68	59.59 0.83 -11.41	56.51 1.06 -2.31
INDECK___CORINTH 23802	134.64 4.34 -70.50	118.95 6.01 -32.21	117.47 4.71 -50.48	128.88 8.86 0.00	129.11 8.21 -12.28	131.04 4.60 -66.40	624.30 8.94 -505.50	264.48 8.99 -148.00	206.66 6.13 -127.74	135.48 5.26 -66.77	99.92 6.64 -3.21	127.32 8.80 -1.41	254.46 17.54 -7.74	130.39 9.54 0.00	108.71 8.07 -2.58	123.96 7.20 -32.11	281.56 4.36 -227.82	263.82 6.65 -180.55	427.42 8.67 -320.21	453.26 6.05 -378.68	528.53 4.73 -468.57	421.76 3.39 -377.25	557.60 3.40 -506.85	154.58 2.99 -98.45
INDECK___ILION 23567	61.45 1.65 0.00	82.90 2.17 0.00	63.92 1.65 0.00	123.09 3.07 0.00	111.63 3.01 0.00	61.82 1.79 0.00	113.02 3.16 0.00	110.47 2.98 0.00	74.80 2.02 0.00	65.08 1.62 0.00	92.37 2.29 0.00	120.47 3.36 0.00	235.65 6.47 0.00	123.74 2.89 0.00	100.66 2.59 0.00	87.18 2.52 0.00	50.87 1.49 0.00	78.92 2.31 0.00	101.78 3.24 0.00	70.72 2.19 0.00	56.92 1.69 0.00	42.42 1.30 0.00	48.75 1.39 0.00	54.63 1.49 0.00
INDECK___OLEAN 23982	66.77 -3.52 -10.50	80.99 -4.67 -4.93	66.79 -3.21 -7.72	113.96 -6.05 0.00	104.90 -5.60 -1.88	60.59 -2.77 -3.32	116.41 -6.37 -12.92	104.56 -6.71 -3.78	72.04 -4.01 -3.26	62.06 -3.37 -1.98	86.98 -4.59 -1.50	107.02 -5.89 4.20	218.31 -11.07 -0.20	115.86 -4.99 0.00	95.45 -3.82 -1.21	84.30 -3.92 -3.57	58.54 -2.35 -11.51	84.20 -4.24 -11.83	108.26 -5.29 -15.01	83.65 -3.72 -18.83	76.53 -3.06 -24.36	50.57 -2.21 -11.65	57.31 -2.53 -12.49	53.12 -2.54 -2.52
INDECK___OSWEGO 23783	61.50 -2.41 -4.11	79.27 -3.35 -1.88	62.61 -2.60 -2.94	114.77 -5.25 0.00	104.68 -4.66 -0.72	58.33 -2.45 -0.74	105.36 -4.49 0.00	103.17 -4.31 0.00	70.00 -2.78 0.00	61.09 -2.36 0.00	86.68 -3.40 0.00	112.69 -4.42 0.00	220.18 -9.00 0.00	116.22 -4.63 0.00	94.38 -3.68 0.00	81.52 -3.13 0.00	47.64 -1.74 0.00	73.99 -2.62 0.00	95.10 -3.44 0.00	66.10 -2.43 0.00	53.20 -2.03 0.00	39.62 -1.51 0.00	45.45 -1.90 0.00	50.96 -2.18 0.00
INDECK___YERKES 23781	64.60 -3.96 -8.76	79.34 -5.49 -4.10	64.65 -4.04 -6.42	111.97 -8.04 0.00	102.13 -8.05 -1.56	57.60 -4.05 -1.62	101.35 -8.51 0.00	98.72 -8.76 0.00	67.61 -5.17 0.00	59.22 -4.46 -0.23	84.54 -6.77 -1.24	105.59 -8.58 2.94	211.81 -17.37 0.00	112.51 -8.34 0.00	92.23 -6.83 -0.99	81.15 -5.90 -2.40	50.95 -3.39 -4.96	77.67 -5.24 -6.30	97.66 -6.84 -5.96	71.28 -5.24 -7.99	62.34 -4.08 -11.19	40.03 -2.88 -1.78	43.79 -3.24 0.33	49.97 -3.17 0.00
INDIAN POINT_GT_1 24139	118.37 4.37 -54.21	111.10 5.61 -24.76	105.37 4.29 -38.81	127.97 7.96 0.00	125.54 7.48 -9.44	82.45 4.52 -17.89	194.87 8.72 -76.29	138.56 8.74 -22.34	98.20 6.14 -19.28	84.58 5.66 -15.47	127.08 8.13 -28.87	128.14 10.66 -0.37	249.71 19.36 -1.17	131.22 10.37 0.00	130.08 8.77 -23.25	152.29 7.68 -59.95	202.04 4.37 -148.30	255.08 6.61 -171.85	292.40 8.67 -185.19	315.19 6.02 -240.64	423.78 4.82 -363.73	145.75 3.57 -101.05	127.76 3.91 -76.49	72.34 4.34 -14.86
INDIAN POINT_GT_2 23659	118.37 4.37 -54.21	111.10 5.61 -24.76	105.37 4.29 -38.81	127.97 7.96 0.00	125.54 7.48 -9.44	82.45 4.52 -17.89	194.87 8.72 -76.29	138.56 8.74 -22.34	98.20 6.14 -19.28	84.58 5.66 -15.47	127.08 8.13 -28.87	128.14 10.66 -0.37	249.71 19.36 -1.17	131.22 10.37 0.00	130.08 8.77 -23.25	152.29 7.68 -59.95	202.04 4.37 -148.30	255.08 6.61 -171.85	292.40 8.67 -185.19	315.19 6.02 -240.64	423.78 4.82 -363.73	145.75 3.57 -101.05	127.76 3.91 -76.49	72.34 4.34 -14.86
INDIAN POINT_GT_3 24019	118.37 4.37 -54.21	111.10 5.61 -24.76	105.37 4.29 -38.81	127.97 7.96 0.00	125.54 7.48 -9.44	82.45 4.52 -17.89	194.87 8.72 -76.29	138.56 8.74 -22.34	98.20 6.14 -19.28	84.58 5.66 -15.47	127.08 8.13 -28.87	128.14 10.66 -0.37	249.71 19.36 -1.17	131.22 10.37 0.00	130.08 8.77 -23.25	152.29 7.68 -59.95	202.04 4.37 -148.30	255.08 6.61 -171.85	292.40 8.67 -185.19	315.19 6.02 -240.64	423.78 4.82 -363.73	145.75 3.57 -101.05	127.76 3.91 -76.49	72.34 4.34 -14.86
INDIAN POINT___2 23530	117.32 4.21 -53.32	110.51 5.42 -24.36	104.58 4.12 -38.18	127.69 7.67 0.00	125.15 7.24 -9.29	82.00 4.39 -17.58	193.16 8.47 -74.83	137.83 8.43 -21.91	97.62 5.92 -18.91	84.06 5.47 -15.13	126.06 7.88 -28.10	127.78 10.31 -0.36	249.04 18.71 -1.15	130.88 10.03 0.00	129.18 8.48 -22.63	150.47 7.42 -58.39	198.21 4.22 -144.61	250.47 6.38 -167.48	287.52 8.36 -180.62	309.01 5.81 -234.66	414.47 4.66 -354.58	143.37 3.46 -98.79	126.16 3.78 -75.03	71.93 4.21 -14.57
INDIAN POINT___3 23531	117.82 4.14 -53.89	110.68 5.33 -24.62	104.92 4.07 -38.58	127.56 7.55 0.00	125.13 7.12 -9.38	82.13 4.32 -17.78	193.97 8.35 -75.76	137.96 8.30 -22.18	97.74 5.82 -19.15	84.19 5.39 -15.35	126.43 7.76 -28.59	127.63 10.16 -0.37	248.73 18.39 -1.16	130.71 9.86 0.00	129.46 8.36 -23.03	151.34 7.30 -59.39	200.48 4.13 -146.96	253.15 6.26 -170.27	290.30 8.23 -183.54	312.72 5.72 -238.47	420.24 4.59 -360.42	144.77 3.41 -100.23	127.04 3.73 -75.96	72.05 4.15 -14.75
INGHAM_C_115KV_TB7 356103	62.74 2.94 0.00	84.62 3.88 0.00	65.30 3.03 0.00	125.59 5.58 0.00	114.06 5.43 0.00	63.31 3.28 0.00	115.75 5.89 0.00	112.93 5.45 0.00	76.36 3.58 0.00	66.11 2.66 0.00	93.83 3.75 0.00	122.73 5.62 0.00	240.46 11.28 0.00	125.63 4.77 0.00	102.35 4.29 0.00	88.98 4.33 0.00	51.99 2.61 0.00	80.68 4.06 0.00	104.21 5.67 0.00	72.46 3.93 0.00	58.27 3.05 0.00	43.50 2.38 0.00	49.92 2.57 0.00	55.90 2.76 0.00
IP CORINTH___1 23988	134.64 4.35 -70.50	118.95 6.01 -32.21	117.47 4.71 -50.48	128.88 8.86 0.00	129.11 8.21 -12.28	131.04 4.60 -66.40	624.30 8.94 -505.50	264.48 9.00 -148.00	206.66 6.13 -127.74	135.48 5.26 -66.77	99.93 6.64 -3.21	127.32 8.80 -1.41	254.45 17.53 -7.74	130.39 9.54 0.00	108.72 8.07 -2.58	123.97 7.20 -32.11	281.55 4.35 -227.82	263.81 6.64 -180.55	427.42 8.67 -320.21	453.26 6.05 -378.68	528.53 4.73 -468.57	421.81 3.43 -377.25	557.71 3.52 -506.85	154.80 3.21 -98.45

LITTLE FALLS___HYD 24013	62.74 2.94 0.00	84.62 3.88 0.00	65.30 3.03 0.00	125.59 5.58 0.00	114.06 5.43 0.00	63.31 3.28 0.00	115.75 5.89 0.00	112.93 5.45 0.00	76.36 3.58 0.00	66.11 2.66 0.00	93.83 3.75 0.00	122.73 5.62 0.00	240.46 11.28 0.00	125.63 4.77 0.00	102.35 4.29 0.00	88.98 4.33 0.00	51.99 2.61 0.00	80.68 4.06 0.00	104.21 5.67 0.00	72.46 3.93 0.00	58.27 3.05 0.00	43.50 2.38 0.00	49.92 2.57 0.00	55.90 2.76 0.00
LITTLRIV_115KV_TB1 356100	59.03 -0.77 0.00	80.21 -0.53 0.00	61.84 -0.43 0.00	119.51 -0.50 0.00	107.29 -1.33 0.00	58.69 -1.34 0.00	106.79 -3.07 0.00	104.30 -3.19 0.00	70.44 -2.34 0.00	61.14 -2.31 0.00	87.25 -2.83 0.00	112.41 -4.70 0.00	222.46 -6.72 0.00	117.52 -3.33 0.00	94.58 -3.48 0.00	81.40 -3.25 0.00	47.81 -1.57 0.00	74.58 -2.03 0.00	95.73 -2.81 0.00	66.45 -2.08 0.00	53.50 -1.73 0.00	40.16 -0.97 0.00	47.01 -0.34 0.00	52.97 -0.18 0.00
LI_NEWBRDGE___DRP 323616	120.03 5.41 -54.82	112.81 7.04 -25.04	106.81 5.28 -39.25	130.04 10.03 0.00	127.38 9.21 -9.55	83.63 5.48 -18.11	197.70 10.52 -77.32	146.34 10.81 -28.05	99.52 7.19 -19.54	85.63 6.47 -15.71	128.65 9.50 -29.07	129.41 11.93 -0.37	251.32 20.70 -1.44	133.71 12.60 -0.26	132.26 10.51 -23.69	155.03 9.21 -61.17	205.28 5.03 -150.86	258.93 7.43 -174.89	298.57 10.41 -189.63	320.66 7.33 -244.80	431.06 5.73 -370.10	148.04 4.28 -102.64	129.67 4.78 -77.53	73.40 5.20 -15.06
LOCKPORT_115KV_TB60_63_64 80432	63.56 -4.63 -8.40	78.23 -6.42 -3.92	63.62 -4.81 -6.15	110.26 -9.75 0.00	100.69 -9.43 -1.50	56.83 -4.75 -1.55	100.27 -9.59 0.00	97.87 -9.61 0.00	67.02 -5.76 0.00	58.62 -5.05 -0.22	83.57 -7.69 -1.18	104.78 -9.62 2.71	208.86 -20.32 0.00	110.75 -10.10 0.00	90.66 -8.36 -0.95	79.71 -7.23 -2.30	49.91 -4.21 -4.74	76.09 -6.55 -6.02	95.86 -8.38 -5.70	69.79 -6.38 -7.64	61.00 -4.98 -10.75	39.33 -3.51 -1.71	43.16 -3.89 0.30	49.25 -3.90 0.00
LOCKPORT___CC1 323769	63.46 -4.79 -8.46	77.98 -6.70 -3.95	63.45 -5.02 -6.20	109.77 -10.24 0.00	100.24 -9.89 -1.51	56.59 -5.01 -1.56	99.75 -10.12 0.00	97.38 -10.11 0.00	66.67 -6.11 0.00	58.38 -5.30 -0.23	83.27 -8.00 -1.19	104.15 -10.20 2.76	207.88 -21.30 0.00	110.22 -10.63 0.00	90.30 -8.72 -0.96	79.43 -7.53 -2.31	49.86 -4.30 -4.78	75.96 -6.73 -6.07	95.63 -8.65 -5.74	69.73 -6.50 -7.70	60.96 -5.10 -10.83	39.22 -3.63 -1.72	42.96 -4.08 0.31	49.02 -4.12 0.00
LOCKPORT___CC2 323770	63.46 -4.79 -8.46	77.98 -6.70 -3.95	63.45 -5.02 -6.20	109.77 -10.24 0.00	100.24 -9.89 -1.51	56.59 -5.01 -1.56	99.75 -10.12 0.00	97.38 -10.11 0.00	66.67 -6.11 0.00	58.38 -5.30 -0.23	83.27 -8.00 -1.19	104.15 -10.20 2.76	207.88 -21.30 0.00	110.22 -10.63 0.00	90.30 -8.72 -0.96	79.43 -7.53 -2.31	49.86 -4.30 -4.78	75.96 -6.73 -6.07	95.63 -8.65 -5.74	69.73 -6.50 -7.70	60.96 -5.10 -10.83	39.22 -3.63 -1.72	42.96 -4.08 0.31	49.02 -4.12 0.00
LOCKPORT___CC3 323771	63.46 -4.79 -8.46	77.98 -6.70 -3.95	63.45 -5.02 -6.20	109.77 -10.24 0.00	100.24 -9.89 -1.51	56.59 -5.01 -1.56	99.75 -10.12 0.00	97.38 -10.11 0.00	66.67 -6.11 0.00	58.38 -5.30 -0.23	83.27 -8.00 -1.19	104.15 -10.20 2.76	207.88 -21.30 0.00	110.22 -10.63 0.00	90.30 -8.72 -0.96	79.43 -7.53 -2.31	49.86 -4.30 -4.78	75.96 -6.73 -6.07	95.63 -8.65 -5.74	69.73 -6.50 -7.70	60.96 -5.10 -10.83	39.22 -3.63 -1.72	42.96 -4.08 0.31	49.02 -4.12 0.00
LONG_LAKE_PHOENIX 24014	62.50 -1.68 -4.38	80.37 -2.37 -2.00	63.57 -1.84 -3.14	116.29 -3.72 0.00	106.10 -3.28 -0.76	59.21 -1.61 -0.79	106.98 -2.88 0.00	104.75 -2.73 0.00	71.05 -1.74 0.00	62.00 -1.45 0.00	87.98 -2.10 0.00	114.39 -2.71 0.00	223.52 -5.66 0.00	117.91 -2.94 0.00	95.77 -2.30 0.00	82.72 -1.93 0.00	48.33 -1.06 0.00	75.06 -1.55 0.00	96.18 -2.35 0.00	67.00 -1.53 0.00	53.99 -1.24 0.00	40.18 -0.94 0.00	46.07 -1.28 0.00	51.67 -1.47 0.00
LOVETT___3 23632	116.30 3.89 -52.62	109.74 4.97 -24.04	103.75 3.80 -37.68	127.07 7.05 0.00	124.46 6.68 -9.16	81.47 4.11 -17.33	191.46 7.92 -73.67	136.85 7.80 -21.57	96.88 5.48 -18.62	83.42 5.11 -14.86	124.91 7.34 -27.49	127.03 9.57 -0.36	247.54 17.23 -1.13	130.12 9.27 0.00	128.08 7.87 -22.14	148.68 6.88 -57.14	194.94 3.90 -141.65	246.52 5.92 -163.98	283.25 7.74 -176.97	303.80 5.39 -229.88	406.87 4.34 -347.30	141.35 3.22 -97.01	124.72 3.50 -73.87	71.43 3.93 -14.35
LOVETT___4 23642	116.30 3.89 -52.62	109.74 4.97 -24.04	103.75 3.80 -37.68	127.07 7.05 0.00	124.46 6.68 -9.16	81.47 4.11 -17.33	191.46 7.92 -73.67	136.85 7.80 -21.57	96.88 5.48 -18.62	83.42 5.11 -14.86	124.91 7.34 -27.49	127.03 9.57 -0.36	247.54 17.23 -1.13	130.12 9.27 0.00	128.08 7.87 -22.14	148.68 6.88 -57.14	194.94 3.90 -141.65	246.52 5.92 -163.98	283.25 7.74 -176.97	303.80 5.39 -229.88	406.87 4.34 -347.30	141.35 3.22 -97.01	124.72 3.50 -73.87	71.43 3.93 -14.35
LOVETT___5 23593	116.30 3.89 -52.62	109.74 4.97 -24.04	103.75 3.80 -37.68	127.07 7.05 0.00	124.46 6.68 -9.16	81.47 4.11 -17.33	191.46 7.92 -73.67	136.85 7.80 -21.57	96.88 5.48 -18.62	83.42 5.11 -14.86	124.91 7.34 -27.49	127.03 9.57 -0.36	247.54 17.23 -1.13	130.12 9.27 0.00	128.08 7.87 -22.14	148.68 6.88 -57.14	194.94 3.90 -141.65	246.52 5.92 -163.98	283.25 7.74 -176.97	303.80 5.39 -229.88	406.87 4.34 -347.30	141.35 3.22 -97.01	124.72 3.50 -73.87	71.43 3.93 -14.35
LOWER RAQUET___HYD 24057	58.41 -1.38 0.00	79.39 -1.34 0.00	61.22 -1.06 0.00	118.22 -1.79 0.00	106.13 -2.49 0.00	57.96 -2.07 0.00	105.05 -4.81 0.00	102.59 -4.89 0.00	69.39 -3.39 0.00	60.31 -3.14 0.00	86.33 -3.75 0.00	111.56 -5.55 0.00	221.04 -8.14 0.00	116.74 -4.11 0.00	93.85 -4.22 0.00	80.53 -4.12 0.00	47.20 -2.18 0.00	73.51 -3.10 0.00	94.35 -4.19 0.00	65.46 -3.07 0.00	52.69 -2.53 0.00	39.66 -1.46 0.00	46.49 -0.87 0.00	52.39 -0.76 0.00
LOWER___HUDSON 24059	132.19 3.36 -69.03	116.87 4.60 -31.54	115.29 3.59 -49.43	126.61 6.60 0.00	126.74 6.10 -12.02	120.47 3.40 -57.04	536.44 6.79 -419.79	236.63 6.24 -122.91	183.30 4.43 -106.08	123.64 4.15 -56.03	101.61 5.80 -5.74	126.12 7.81 -1.21	250.08 14.47 -6.43	128.36 7.51 0.00	108.95 6.26 -4.62	122.83 5.55 -32.63	254.12 3.19 -201.55	246.86 4.66 -165.59	385.43 6.16 -280.73	407.24 4.38 -334.33	479.58 3.52 -420.84	361.90 2.71 -318.06	471.31 3.06 -420.90	138.27 3.37 -81.76
LOWVILLE_115KV_TB2 356335	63.00 1.40 -1.81	83.68 2.13 -0.83	65.28 1.71 -1.30	122.58 2.56 0.00	111.19 2.26 -0.31	61.02 0.66 -0.33	109.84 -0.02 0.00	108.40 0.92 0.00	74.40 1.62 0.00	65.14 1.69 0.00	92.32 2.24 0.00	119.97 2.87 0.00	235.38 6.20 0.00	124.84 3.99 0.00	101.65 3.59 0.00	87.95 3.30 0.00	51.59 2.21 0.00	80.34 3.73 0.00	103.08 4.55 0.00	70.93 2.39 0.00	56.57 1.34 0.00	42.02 0.89 0.00	48.49 1.14 0.00	54.34 1.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	134.12 4.03 -70.30	118.34 5.49 -32.11	116.89 4.28 -50.33	128.01 8.00 0.00	128.27 7.40 -12.24	129.46 4.20 -65.23	612.68 8.03 -494.79	260.08 7.73 -144.87	203.12 5.31 -125.04	133.56 4.67 -65.44	99.77 6.13 -3.57	126.73 8.24 -1.39	252.76 16.00 -7.58	129.34 8.49 0.00	108.04 7.10 -2.88	123.30 6.38 -32.26	277.92 3.81 -224.72	261.29 5.75 -178.92	421.62 7.58 -315.50	447.27 5.29 -373.45	522.50 4.18 -463.09	414.17 3.12 -369.93	546.84 3.38 -496.11	153.05 3.55 -96.36

NEG CENTRAL_HIGH_ACRES 23767	64.30 -2.35 -6.85	80.60 -3.31 -3.17	64.76 -2.48 -4.97	114.79 -5.22 0.00	105.00 -4.83 -1.21	59.03 -2.26 -1.25	105.56 -4.30 0.00	103.42 -4.06 0.00	70.40 -2.38 0.00	61.62 -2.01 -0.18	87.85 -3.17 -0.95	111.53 -4.29 1.28	220.15 -9.03 0.00	116.33 -4.52 0.00	95.29 -3.53 -0.76	83.47 -3.02 -1.84	51.52 -1.66 -3.80	78.92 -2.51 -4.82	99.78 -3.32 -4.56	72.11 -2.54 -6.12	62.23 -2.08 -9.07	41.02 -1.52 -1.41	45.29 -1.92 0.14	51.10 -2.04 0.00
NEG CENTRAL___DRP 24199	67.13 -0.39 -7.72	83.71 -0.62 -3.59	67.49 -0.42 -5.63	118.65 -1.37 0.00	108.79 -1.20 -1.37	61.42 -0.03 -1.42	109.99 0.13 0.00	107.62 0.14 0.00	73.14 0.36 0.00	64.04 0.38 -0.20	91.28 0.13 -1.08	114.68 -0.39 2.03	227.40 -1.78 0.00	120.40 -0.45 0.00	99.10 0.17 -0.87	87.03 0.28 -2.09	53.98 0.26 -4.33	82.70 0.59 -5.50	104.56 0.82 -5.20	75.88 0.37 -6.98	65.44 0.16 -10.05	42.79 0.08 -1.58	46.93 -0.20 0.23	52.92 -0.22 0.00
NEG CENTRAL___INDECK 23768	68.81 -0.61 -9.63	84.27 -1.00 -4.54	69.10 -0.29 -7.12	119.25 -0.76 0.00	109.24 -1.11 -1.73	62.99 -0.10 -3.06	119.65 -2.11 -11.91	107.89 -3.08 -3.49	74.56 -1.23 -3.01	64.03 -1.25 -1.82	87.96 -3.49 -1.38	108.05 -4.41 4.65	220.04 -9.32 -0.18	116.55 -4.30 0.00	96.28 -2.89 -1.11	86.03 -1.91 -3.28	59.52 -0.45 -10.59	87.02 -0.48 -10.89	111.49 -0.87 -13.82	85.01 -0.86 -17.34	78.37 1.13 -22.01	52.14 0.32 -10.69	58.78 0.00 -11.42	55.64 0.18 -2.32
NEG CENTRAL___SENECA 23627	67.30 -0.73 -8.24	83.58 -1.04 -3.89	67.72 -0.65 -6.10	117.92 -2.09 0.00	108.25 -1.85 -1.48	61.38 -0.19 -1.54	109.67 -0.19 0.00	107.28 -0.21 0.00	72.97 0.19 0.00	63.96 0.28 -0.22	91.12 -0.13 -1.17	112.13 -1.01 3.97	226.10 -3.09 0.00	119.90 -0.95 0.00	98.92 -0.09 -0.94	87.01 0.08 -2.28	54.30 0.21 -4.70	83.10 0.51 -5.97	104.88 0.69 -5.65	76.33 0.22 -7.58	65.27 0.05 -9.99	42.75 -0.01 -1.64	46.58 -0.33 0.44	52.79 -0.35 0.00
NEG CENTRAL___STATE_STREET 24147	68.08 0.40 -7.88	84.77 0.47 -3.56	68.03 0.17 -5.58	120.00 -0.01 0.00	110.07 0.09 -1.36	61.89 0.45 -1.41	110.86 1.00 0.00	108.52 1.04 0.00	73.66 0.88 0.00	64.52 0.87 -0.20	92.15 1.00 -1.07	119.41 0.99 -1.31	230.34 1.16 0.00	121.68 0.83 0.00	99.99 1.06 -0.86	87.74 1.02 -2.08	54.30 0.62 -4.29	83.25 1.18 -5.45	105.31 1.61 -5.16	76.43 0.98 -6.92	67.59 0.65 -11.71	43.28 0.44 -1.72	47.75 0.25 -0.14	53.39 0.25 0.00
NEG MILLWOOD___DRP 24198	120.48 5.47 -55.22	113.09 7.13 -25.23	107.23 5.42 -39.54	130.20 10.18 0.00	127.72 9.48 -9.62	84.12 5.64 -18.46	200.72 10.98 -79.88	141.90 11.03 -23.39	100.64 7.68 -20.19	86.40 6.94 -16.01	129.25 9.92 -29.26	130.46 12.98 -0.38	254.33 23.93 -1.22	133.44 12.59 0.00	132.37 10.74 -23.56	154.95 9.41 -60.89	206.17 5.41 -151.38	259.92 8.31 -174.99	298.69 10.93 -189.22	321.80 7.58 -245.68	432.08 6.02 -370.82	149.87 4.45 -104.30	132.30 4.86 -80.09	74.03 5.33 -15.56
NEG NORTH_FLCN_SEA 23793	59.11 -0.69 0.00	80.17 -0.57 0.00	62.20 -0.07 0.00	120.17 0.16 0.00	108.60 -0.02 0.00	59.82 -0.21 0.00	109.33 -0.53 0.00	106.15 -1.33 0.00	71.80 -0.98 0.00	62.94 -0.51 0.00	89.10 -0.98 0.00	116.03 -1.08 0.00	228.23 -0.95 0.00	120.45 -0.40 0.00	97.69 -0.37 0.00	84.41 -0.24 0.00	49.35 -0.03 0.00	76.51 -0.11 0.00	98.52 -0.01 0.00	68.48 -0.05 0.00	54.93 -0.29 0.00	40.98 -0.14 0.00	47.43 0.08 0.00	53.60 0.46 0.00
NEG NORTH_KES_CHATEGAY 23792	58.83 -0.97 0.00	79.75 -0.98 0.00	61.77 -0.50 0.00	119.44 -0.57 0.00	107.81 -0.81 0.00	59.36 -0.67 0.00	108.61 -1.25 0.00	105.95 -1.53 0.00	71.57 -1.21 0.00	62.34 -1.11 0.00	88.41 -1.67 0.00	114.94 -2.17 0.00	226.13 -3.05 0.00	119.31 -1.54 0.00	96.61 -1.45 0.00	83.53 -1.12 0.00	48.88 -0.50 0.00	76.03 -0.59 0.00	97.64 -0.90 0.00	67.86 -0.67 0.00	54.58 -0.64 0.00	40.70 -0.42 0.00	47.16 -0.19 0.00	53.01 -0.13 0.00
NEG NORTH___ALICE_FALLS 23915	59.67 -0.12 0.00	80.91 0.17 0.00	62.73 0.46 0.00	121.12 1.11 0.00	109.47 0.85 0.00	60.33 0.29 0.00	110.31 0.45 0.00	107.44 -0.05 0.00	72.65 -0.13 0.00	63.51 0.06 0.00	89.85 -0.23 0.00	116.93 -0.18 0.00	230.08 0.90 0.00	121.35 0.50 0.00	98.42 0.36 0.00	85.11 0.45 0.00	49.81 0.44 0.00	77.35 0.73 0.00	99.48 0.94 0.00	69.11 0.58 0.00	55.45 0.22 0.00	41.38 0.25 0.00	47.87 0.52 0.00	53.90 0.76 0.00
NEG NORTH___LWR_SARANAC 23913	59.67 -0.12 0.00	80.91 0.17 0.00	62.73 0.46 0.00	121.12 1.11 0.00	109.47 0.85 0.00	60.33 0.29 0.00	110.31 0.45 0.00	107.44 -0.05 0.00	72.65 -0.13 0.00	63.51 0.06 0.00	89.85 -0.23 0.00	116.93 -0.18 0.00	230.08 0.90 0.00	121.35 0.50 0.00	98.42 0.36 0.00	85.11 0.45 0.00	49.81 0.44 0.00	77.35 0.73 0.00	99.48 0.94 0.00	69.11 0.58 0.00	55.45 0.22 0.00	41.38 0.25 0.00	47.87 0.52 0.00	53.90 0.76 0.00
NEG NORTH___PLATTSBURG 23628	59.67 -0.12 0.00	80.92 0.18 0.00	62.74 0.46 0.00	121.12 1.11 0.00	109.47 0.85 0.00	60.33 0.30 0.00	110.31 0.45 0.00	107.44 -0.05 0.00	72.65 -0.13 0.00	63.51 0.06 0.00	89.85 -0.23 0.00	116.94 -0.16 0.00	230.09 0.91 0.00	121.36 0.51 0.00	98.42 0.36 0.00	85.11 0.46 0.00	49.81 0.43 0.00	77.35 0.73 0.00	99.48 0.94 0.00	69.11 0.58 0.00	55.45 0.22 0.00	41.38 0.26 0.00	47.87 0.52 0.00	53.90 0.76 0.00
NEG WEST_LEA_LOCKPORT 23791	63.47 -4.79 -8.46	78.01 -6.67 -3.95	63.46 -5.01 -6.20	109.77 -10.24 0.00	100.25 -9.88 -1.51	56.57 -5.02 -1.56	99.72 -10.14 0.00	97.35 -10.13 0.00	66.67 -6.12 0.00	58.32 -5.36 -0.23	83.18 -8.09 -1.19	104.20 -10.15 2.76	207.93 -21.25 0.00	110.23 -10.62 0.00	90.27 -8.75 -0.96	79.40 -7.57 -2.31	49.75 -4.41 -4.78	75.80 -6.89 -6.07	95.49 -8.80 -5.74	69.58 -6.65 -7.70	60.85 -5.20 -10.83	39.17 -3.68 -1.72	42.94 -4.10 0.31	49.02 -4.13 0.00
NEG WEST___LANCASTER 23811	65.49 -4.20 -9.89	79.70 -5.67 -4.63	65.46 -4.07 -7.26	112.09 -7.93 0.00	102.74 -7.65 -1.77	59.34 -3.80 -3.12	114.23 -7.73 -12.10	103.34 -7.69 -3.54	71.29 -4.55 -3.06	61.33 -3.97 -1.85	85.62 -5.86 -1.40	106.15 -7.41 3.54	214.17 -15.20 -0.18	113.37 -7.48 0.00	93.22 -5.97 -1.13	82.58 -5.42 -3.35	56.98 -3.18 -10.78	82.64 -5.06 -11.08	106.21 -6.39 -14.07	81.35 -4.82 -17.65	74.43 -3.83 -23.03	49.28 -2.77 -10.93	55.94 -3.15 -11.73	52.32 -3.18 -2.36
NEG_PENN_ALLEGHNY 23528	78.03 0.04 -18.21	89.08 -0.02 -8.36	75.46 0.08 -13.11	120.02 0.01 0.00	111.92 0.11 -3.19	66.31 0.43 -5.85	134.60 0.75 -23.99	115.07 0.56 -7.02	79.45 0.60 -6.06	67.72 0.64 -3.63	93.53 0.86 -2.59	116.79 1.06 1.38	231.52 1.97 -0.37	122.18 1.33 0.00	101.55 1.40 -2.09	91.94 1.02 -6.26	70.42 0.45 -20.60	98.34 0.73 -20.99	126.72 1.23 -26.95	103.06 0.80 -33.73	102.35 0.50 -46.62	63.07 0.32 -21.62	71.42 0.18 -23.88	58.04 0.23 -4.67
NEG___GEN_MONROE 24207	65.33 -1.51 -7.05	81.78 -2.23 -3.28	65.82 -1.60 -5.14	116.39 -3.62 0.00	106.46 -3.41 -1.25	59.88 -1.45 -1.30	106.88 -2.99 0.00	104.70 -2.78 0.00	71.37 -1.41 0.00	62.38 -1.25 -0.19	88.82 -2.24 -0.98	112.37 -2.89 1.85	222.75 -6.43 0.00	117.74 -3.11 0.00	96.23 -2.62 -0.79	84.40 -2.16 -1.90	52.14 -1.17 -3.93	79.91 -1.70 -4.99	101.07 -2.19 -4.73	73.01 -1.86 -6.33	62.87 -1.48 -9.13	41.50 -1.07 -1.44	45.80 -1.34 0.21	51.85 -1.29 0.00

NEPA__ENERGY 23901	64.85 -4.28 -9.34	79.20 -5.91 -4.37	64.88 -4.24 -6.85	111.33 -8.68 0.00	101.78 -8.51 -1.67	58.81 -4.17 -2.94	113.03 -8.21 -11.39	102.87 -7.95 -3.33	70.98 -4.68 -2.88	61.20 -3.99 -1.74	85.72 -5.68 -1.32	106.26 -7.49 3.36	214.48 -14.87 -0.17	113.76 -7.09 0.00	93.56 -5.57 -1.06	82.80 -5.00 -3.15	56.66 -2.87 -10.15	82.61 -4.45 -10.44	106.11 -5.67 -13.24	80.61 -4.54 -16.62	73.28 -3.63 -21.68	48.81 -2.59 -10.28	55.42 -2.97 -11.04	52.50 -2.86 -2.22
NEVERSINK__HYD 23608	113.25 4.09 -49.36	108.55 5.26 -22.55	101.67 4.05 -35.35	127.48 7.47 0.00	124.32 7.11 -8.60	81.44 4.41 -16.99	194.64 8.70 -76.09	138.59 8.83 -22.28	98.07 6.06 -19.23	82.89 5.23 -14.20	120.21 7.79 -22.34	127.70 10.24 -0.35	247.67 17.32 -1.17	130.48 9.63 0.00	124.69 8.63 -17.99	139.39 7.46 -47.27	175.76 4.36 -122.02	221.94 6.79 -138.53	261.03 8.90 -153.60	272.98 6.14 -198.30	356.29 4.89 -296.18	135.43 3.55 -90.76	127.42 3.78 -76.29	72.05 4.09 -14.82
NEWKRMKL_115KV_TB1 55635	131.17 2.87 -68.50	115.89 3.87 -31.29	114.31 2.99 -49.05	125.45 5.44 0.00	125.62 5.07 -11.93	108.19 2.76 -45.40	426.02 5.08 -311.08	203.21 4.65 -91.08	154.71 3.31 -78.61	108.30 3.35 -41.50	99.08 4.88 -4.12	124.42 6.36 -0.96	245.88 11.94 -4.76	126.78 5.93 0.00	106.05 4.67 -3.32	112.80 4.23 -23.92	200.40 2.20 -148.82	201.82 3.17 -122.03	310.22 4.29 -207.39	318.38 2.95 -246.89	368.14 2.43 -310.48	278.49 1.87 -235.49	361.56 2.30 -311.91	116.57 2.85 -60.58
NEWTON__FALLS_HYD 23847	60.99 -0.11 -1.30	81.55 0.23 -0.60	63.41 0.21 -0.93	120.09 0.08 0.00	108.33 -0.52 -0.23	59.36 -0.91 -0.24	106.93 -2.93 0.00	104.93 -2.55 0.00	71.54 -1.25 0.00	62.46 -0.99 0.00	89.09 -0.99 0.00	115.38 -1.73 0.00	227.42 -1.76 0.00	120.37 -0.48 0.00	97.44 -0.62 0.00	84.03 -0.63 0.00	49.22 -0.16 0.00	76.70 0.08 0.00	98.40 -0.13 0.00	67.95 -0.58 0.00	54.49 -0.74 0.00	40.78 -0.34 0.00	47.38 0.03 0.00	53.25 0.10 0.00
NGRID_A1_DSASP 323792	63.27 -5.14 -8.61	77.76 -7.00 -4.02	63.33 -5.24 -6.31	109.92 -10.10 0.00	100.30 -9.86 -1.53	56.62 -5.01 -1.59	99.74 -10.12 0.00	96.87 -10.62 0.00	66.28 -6.50 0.00	58.05 -5.64 -0.23	82.78 -8.51 -1.21	103.24 -11.04 2.83	206.27 -22.91 0.00	109.33 -11.52 0.00	89.58 -9.46 -0.98	78.88 -8.13 -2.36	49.55 -4.70 -4.87	75.48 -7.32 -6.18	94.91 -9.48 -5.85	69.29 -7.09 -7.85	60.70 -5.55 -11.02	38.98 -3.90 -1.75	42.71 -4.33 0.32	48.83 -4.31 0.00
NGRID_A2_DSASP 323793	63.27 -5.14 -8.61	77.76 -7.00 -4.02	63.33 -5.24 -6.31	109.92 -10.10 0.00	100.30 -9.86 -1.53	56.62 -5.01 -1.59	99.74 -10.12 0.00	96.87 -10.62 0.00	66.28 -6.50 0.00	58.05 -5.64 -0.23	82.78 -8.51 -1.21	103.24 -11.04 2.83	206.27 -22.91 0.00	109.33 -11.52 0.00	89.58 -9.46 -0.98	78.88 -8.13 -2.36	49.55 -4.70 -4.87	75.48 -7.32 -6.18	94.91 -9.48 -5.85	69.29 -7.09 -7.85	60.70 -5.55 -11.02	38.98 -3.90 -1.75	42.71 -4.33 0.32	48.83 -4.31 0.00
NGRID_A4_DSASP 323807	63.27 -5.14 -8.61	77.76 -7.00 -4.02	63.33 -5.24 -6.31	109.92 -10.10 0.00	100.30 -9.86 -1.53	56.62 -5.01 -1.59	99.74 -10.12 0.00	96.87 -10.62 0.00	66.28 -6.50 0.00	58.05 -5.64 -0.23	82.78 -8.51 -1.21	103.24 -11.04 2.83	206.27 -22.91 0.00	109.33 -11.52 0.00	89.58 -9.46 -0.98	78.88 -8.13 -2.36	49.55 -4.70 -4.87	75.48 -7.32 -6.18	94.91 -9.48 -5.85	69.29 -7.09 -7.85	60.70 -5.55 -11.02	38.98 -3.90 -1.75	42.71 -4.33 0.32	48.83 -4.31 0.00
NIAGARA_115E_LBMP 323715	62.93 -5.50 -8.64	77.18 -7.59 -4.04	62.93 -5.67 -6.32	108.85 -11.16 0.00	99.35 -10.81 -1.54	56.11 -5.51 -1.60	98.86 -11.00 0.00	96.47 -11.01 0.00	66.03 -6.75 0.00	57.81 -5.87 -0.23	82.40 -8.90 -1.22	102.95 -11.31 2.85	205.24 -23.94 0.00	108.86 -11.99 0.00	89.15 -9.89 -0.98	78.47 -8.55 -2.36	49.34 -4.93 -4.88	75.16 -7.65 -6.20	94.53 -9.88 -5.87	69.02 -7.38 -7.87	60.47 -5.80 -11.05	38.80 -4.09 -1.76	42.52 -4.51 0.32	48.58 -4.57 0.00
NIAGARA_115W_LBMP 323714	63.15 -5.25 -8.60	77.61 -7.14 -4.02	63.22 -5.35 -6.30	109.78 -10.23 0.00	100.15 -10.00 -1.53	56.53 -5.09 -1.59	99.61 -10.25 0.00	96.68 -10.80 0.00	66.18 -6.60 0.00	57.93 -5.75 -0.23	82.63 -8.66 -1.21	103.07 -11.22 2.82	205.91 -23.27 0.00	109.11 -11.74 0.00	89.41 -9.63 -0.98	78.70 -8.30 -2.35	49.44 -4.80 -4.86	75.32 -7.47 -6.18	94.71 -9.67 -5.84	69.15 -7.22 -7.84	60.57 -5.66 -11.01	38.91 -3.97 -1.75	42.62 -4.42 0.31	48.73 -4.41 0.00
NIAGARA_230_LBMP 323716	63.57 -4.72 -8.50	78.16 -6.54 -3.97	63.68 -4.81 -6.22	110.15 -9.86 0.00	100.67 -9.47 -1.51	56.78 -4.82 -1.57	100.12 -9.74 0.00	97.69 -9.79 0.00	66.81 -5.97 0.00	58.50 -5.18 -0.23	83.51 -7.77 -1.20	104.26 -20.96 2.74	208.22 -10.60 0.00	110.25 -10.60 0.00	90.37 -8.65 -0.96	79.50 -7.48 -2.32	49.89 -4.28 -4.80	76.01 -6.70 -6.09	95.65 -8.65 -5.77	69.79 -6.47 -7.73	61.04 -5.07 -10.89	39.28 -3.57 -1.73	43.01 -4.04 0.31	49.12 -4.02 0.00
NIAGARA__115KV_198_GIBSON 55903	63.14 -5.25 -8.60	77.64 -7.11 -4.02	63.23 -5.34 -6.30	109.78 -10.24 0.00	100.19 -9.97 -1.53	56.52 -5.10 -1.59	99.64 -10.22 0.00	96.67 -10.81 0.00	66.17 -6.61 0.00	57.87 -5.81 -0.23	82.54 -8.75 -1.21	103.10 -11.19 2.82	205.88 -23.30 0.00	109.14 -11.71 0.00	89.37 -9.67 -0.98	78.63 -8.37 -2.35	49.31 -4.93 -4.86	75.14 -7.65 -6.18	94.57 -9.81 -5.84	69.00 -7.37 -7.84	60.47 -5.76 -11.01	38.85 -4.02 -1.75	42.59 -4.44 0.31	48.72 -4.42 0.00
NIAGARA____ 23760	63.70 -4.72 -8.62	78.22 -6.54 -4.03	63.78 -4.81 -6.31	110.15 -9.86 0.00	100.69 -9.47 -1.53	56.81 -4.82 -1.59	100.12 -9.74 0.00	97.69 -9.79 0.00	66.81 -5.97 0.00	58.50 -5.18 -0.23	83.52 -7.77 -1.21	104.24 -20.96 2.77	208.22 -10.60 0.00	110.25 -10.60 0.00	90.38 -8.65 -0.97	79.52 -7.48 -2.34	49.93 -4.28 -4.84	76.06 -6.70 -6.15	95.70 -8.65 -5.81	69.85 -6.47 -7.80	61.13 -5.07 -10.97	39.30 -3.57 -1.75	43.01 -4.04 0.31	49.12 -4.02 0.00
NINE_MILE_1 23575	60.78 -2.16 -3.14	79.19 -2.98 -1.43	62.22 -2.30 -2.25	115.44 -4.58 0.00	105.06 -4.11 -0.55	58.48 -2.12 -0.57	105.96 -3.90 0.00	103.68 -3.80 0.00	70.28 -2.50 0.00	61.34 -2.11 0.00	86.99 -3.09 0.00	113.10 -4.00 0.00	221.10 -8.08 0.00	116.63 -4.22 0.00	94.68 -3.38 0.00	81.79 -2.86 0.00	47.78 -1.60 0.00	74.17 -2.44 0.00	95.32 -3.21 0.00	66.27 -2.26 0.00	53.37 -1.86 0.00	39.78 -1.35 0.00	45.67 -1.68 0.00	51.24 -1.91 0.00
NINE_MILE_2 23744	60.76 -2.16 -3.13	79.18 -2.99 -1.43	62.21 -2.30 -2.24	115.44 -4.58 0.00	105.06 -4.11 -0.54	58.47 -2.13 -0.57	105.96 -3.90 0.00	103.68 -3.80 0.00	70.28 -2.50 0.00	61.34 -2.11 0.00	86.99 -3.09 0.00	113.10 -4.00 0.00	221.10 -8.08 0.00	116.62 -4.23 0.00	94.68 -3.38 0.00	81.79 -2.86 0.00	47.78 -1.60 0.00	74.16 -2.45 0.00	95.31 -3.22 0.00	66.27 -2.26 0.00	53.37 -1.86 0.00	39.77 -1.35 0.00	45.67 -1.68 0.00	51.24 -1.91 0.00
NM_CAPITAL__DRP 24208	131.02 2.91 -68.31	115.88 3.95 -31.21	114.24 3.06 -48.91	125.55 5.54 0.00	125.70 5.19 -11.90	108.18 2.82 -45.32	426.09 5.58 -310.65	203.48 5.04 -90.95	154.89 3.61 -78.50	108.77 3.64 -41.68	100.71 5.28 -5.35	125.04 6.98 -0.96	246.83 12.89 -4.76	127.31 6.47 0.00	107.53 5.16 -4.31	115.57 4.63 -26.29	205.42 2.45 -153.59	208.31 3.53 -128.17	316.34 4.73 -213.07	326.40 3.31 -254.55	380.78 2.72 -322.83	280.31 2.10 -237.09	361.35 2.53 -311.48	116.72 3.08 -60.50

NM_CENTRAL___DRP 24181	64.40 -0.73 -5.33	82.09 -1.08 -2.44	65.26 -0.83 -3.82	118.20 -1.82 0.00	107.99 -1.56 -0.93	60.40 -0.60 -0.96	108.81 -1.05 0.00	106.56 -0.92 0.00	72.31 -0.47 0.00	63.29 -0.30 -0.14	90.28 -0.51 -0.71	116.41 -0.69 0.00	227.33 -1.85 0.00	119.99 -0.86 0.00	98.10 -0.54 -0.57	85.61 -0.43 -1.39	52.03 -0.22 -2.87	79.95 -0.31 -3.64	101.62 -0.36 -3.45	72.83 -0.33 -4.62	62.25 -0.36 -7.38	41.96 -0.28 -1.11	46.82 -0.53 0.00	52.51 -0.63 0.00
NM_FRONTIER___DRP 24179	63.14 -5.25 -8.60	77.64 -7.11 -4.02	63.23 -5.34 -6.30	109.78 -10.24 0.00	100.19 -9.97 -1.53	56.52 -5.10 -1.59	99.64 -10.22 0.00	96.67 -10.81 0.00	66.17 -6.61 0.00	57.87 -5.81 -0.23	82.54 -8.75 -1.21	103.10 -11.19 2.82	205.88 -23.30 0.00	109.14 -11.71 0.00	89.37 -9.67 -0.98	78.63 -8.37 -2.35	49.31 -4.93 -4.86	75.14 -7.65 -6.18	94.57 -9.81 -5.84	69.00 -7.37 -7.84	60.47 -5.76 -11.01	38.85 -4.02 -1.75	42.59 -4.44 0.31	48.72 -4.42 0.00
NM_ST_REGIS___HYD 24053	58.75 -1.04 0.00	79.81 -0.93 0.00	61.60 -0.67 0.00	118.96 -1.05 0.00	106.92 -1.71 0.00	58.51 -1.52 0.00	106.22 -3.64 0.00	103.77 -3.72 0.00	70.17 -2.61 0.00	61.02 -2.43 0.00	87.15 -2.92 0.00	112.71 -4.40 0.00	223.06 -6.12 0.00	117.75 -3.10 0.00	94.83 -3.23 0.00	81.53 -3.13 0.00	47.79 -1.59 0.00	74.44 -2.18 0.00	95.52 -3.01 0.00	66.29 -2.25 0.00	53.35 -1.87 0.00	40.09 -1.04 0.00	46.86 -0.49 0.00	52.75 -0.40 0.00
NORTHPORT___1 23551	120.78 6.16 -54.82	113.99 8.21 -25.04	107.59 6.06 -39.25	131.93 11.92 0.00	128.93 10.76 -9.55	84.44 6.29 -18.11	199.57 12.39 -77.32	148.13 12.93 -27.72	100.60 8.28 -19.54	86.29 7.14 -15.71	130.40 10.24 -30.08	130.07 12.60 -0.37	251.57 20.48 -1.91	134.66 12.96 -0.85	132.66 10.87 -23.72	156.00 9.94 -61.41	205.71 5.46 -150.86	259.56 8.05 -174.89	299.88 11.71 -189.63	321.66 8.34 -244.80	431.88 6.55 -370.10	148.49 4.73 -102.64	130.26 5.37 -77.53	74.06 5.85 -15.06
NORTHPORT___2 23552	120.78 6.16 -54.82	113.99 8.21 -25.04	107.59 6.06 -39.25	131.93 11.92 0.00	128.93 10.76 -9.55	84.44 6.29 -18.11	199.57 12.39 -77.32	148.13 12.93 -27.72	100.60 8.28 -19.54	86.29 7.14 -15.71	130.40 10.24 -30.08	130.07 12.60 -0.37	251.57 20.48 -1.91	134.66 12.96 -0.85	132.66 10.87 -23.72	156.00 9.94 -61.41	205.71 5.46 -150.86	259.56 8.05 -174.89	299.88 11.71 -189.63	321.66 8.34 -244.80	431.88 6.55 -370.10	148.49 4.73 -102.64	130.26 5.37 -77.53	74.06 5.85 -15.06
NORTHPORT___3 23553	120.07 5.46 -54.82	112.94 7.16 -25.04	106.87 5.35 -39.25	130.21 10.19 0.00	127.40 9.23 -9.55	83.54 5.40 -18.11	197.31 10.13 -77.32	145.37 10.19 -27.69	99.15 6.83 -19.54	85.43 6.27 -15.71	129.72 9.61 -30.03	129.56 12.09 -0.37	251.45 20.38 -1.89	134.44 12.77 -0.82	132.44 10.66 -23.72	155.49 9.44 -61.40	205.24 5.00 -150.86	258.48 6.98 -174.89	298.20 10.03 -189.63	320.25 6.92 -244.80	430.74 5.41 -370.10	147.95 4.18 -102.64	129.70 4.81 -77.53	73.48 5.28 -15.06
NORTHPORT___4 23650	120.07 5.46 -54.82	112.94 7.16 -25.04	106.87 5.35 -39.25	130.21 10.19 0.00	127.40 9.23 -9.55	83.54 5.40 -18.11	197.31 10.13 -77.32	145.37 10.19 -27.69	99.15 6.83 -19.54	85.43 6.27 -15.71	129.72 9.61 -30.03	129.56 12.09 -0.37	251.45 20.38 -1.89	134.44 12.77 -0.82	132.44 10.66 -23.72	155.49 9.44 -61.40	205.24 5.00 -150.86	258.48 6.98 -174.89	298.20 10.03 -189.63	320.25 6.92 -244.80	430.74 5.41 -370.10	147.95 4.18 -102.64	129.70 4.81 -77.53	73.48 5.28 -15.06
NORTHPORT___IC 23718	120.78 6.16 -54.82	114.00 8.22 -25.04	107.58 6.06 -39.25	131.94 11.92 0.00	128.92 10.75 -9.55	84.43 6.29 -18.11	199.55 12.36 -77.32	148.14 12.94 -27.72	100.59 8.28 -19.54	86.31 7.15 -15.71	130.40 10.24 -30.08	130.06 12.58 -0.37	251.61 20.52 -1.91	134.72 13.02 -0.85	132.71 10.92 -23.72	156.01 9.94 -61.41	205.71 5.46 -150.86	259.55 8.05 -174.89	299.88 11.72 -189.63	321.66 8.33 -244.80	431.87 6.54 -370.10	148.49 4.73 -102.64	130.27 5.38 -77.53	74.06 5.85 -15.06
NORTH___COUNTRY_ESR 323785	58.61 -1.19 0.00	79.46 -1.28 0.00	61.55 -0.73 0.00	119.02 -0.99 0.00	107.44 -1.18 0.00	59.13 -0.91 0.00	108.19 -1.67 0.00	105.56 -1.93 0.00	71.33 -1.45 0.00	62.10 -1.35 0.00	88.11 -1.96 0.00	114.56 -2.55 0.00	225.50 -3.68 0.00	119.03 -1.82 0.00	96.37 -1.69 0.00	83.22 -1.43 0.00	48.68 -0.70 0.00	75.66 -0.96 0.00	97.18 -1.36 0.00	67.54 -1.00 0.00	54.36 -0.87 0.00	40.52 -0.61 0.00	46.97 -0.38 0.00	52.82 -0.32 0.00
NPX_GEN_1385_PROXY 323591	120.90 6.28 -54.82	114.82 9.04 -25.04	107.89 6.36 -39.25	133.94 13.93 0.00	129.91 11.74 -9.55	84.48 6.34 -18.11	200.87 13.69 -77.32	150.38 15.18 -27.72	101.72 9.40 -19.54	86.71 7.56 -15.71	130.36 10.21 -30.08	129.05 11.57 -0.37	245.14 14.05 -1.91	41.34 9.57 89.08	130.39 8.61 -23.72	154.27 8.20 -61.41	204.57 4.32 -150.86	258.30 6.79 -174.89	299.62 11.45 -189.63	321.58 8.25 -244.80	431.89 6.55 -370.10	147.89 4.13 -102.64	129.72 4.83 -77.53	73.79 5.59 -15.06
NPX_GEN_CSC 323557	121.56 6.94 -54.82	114.84 9.07 -25.04	108.34 6.81 -39.25	133.12 13.11 0.00	130.29 12.12 -9.55	85.44 7.30 -18.11	201.14 13.96 -77.32	149.78 14.66 -27.63	100.81 8.49 -19.54	86.31 7.15 -15.71	130.50 10.10 -30.33	129.91 12.43 -0.37	250.17 18.95 -2.03	135.66 13.82 -0.99	132.80 11.00 -23.73	157.55 11.42 -61.47	206.75 6.51 -150.86	260.61 9.10 -174.89	301.46 13.29 -189.63	322.94 9.61 -244.80	432.95 7.62 -370.10	149.53 5.77 -102.64	131.39 6.51 -77.53	75.02 6.82 -15.06
NSINS_S___GLNS_FALLS 23858	134.74 4.52 -70.42	119.20 6.29 -32.17	117.61 4.92 -50.42	129.27 9.26 0.00	129.47 8.58 -12.26	130.75 4.79 -65.93	620.35 9.35 -501.14	263.61 9.40 -146.73	205.82 6.40 -126.64	135.17 5.49 -66.23	100.35 6.91 -3.35	127.63 9.12 -1.40	255.07 18.22 -7.67	130.79 9.94 0.00	109.17 8.40 -2.70	124.31 7.48 -32.17	280.47 4.53 -226.56	263.42 6.91 -179.89	425.81 8.98 -318.30	451.38 6.30 -376.55	526.48 4.91 -466.34	419.01 3.61 -374.27	553.60 3.77 -502.48	154.31 3.56 -97.60
NUCOR_STEEL___DRP 24197	67.84 0.41 -7.63	84.67 0.49 -3.44	67.81 0.14 -5.39	119.98 -0.03 0.00	110.03 0.09 -1.31	61.81 0.42 -1.36	110.75 0.89 0.00	108.42 0.94 0.00	73.58 0.80 0.00	64.42 0.78 -0.20	92.01 0.90 -1.03	119.57 0.98 -1.48	230.38 1.20 0.00	121.64 0.79 0.00	99.90 1.00 -0.83	87.60 0.94 -2.00	54.09 0.57 -4.14	82.94 1.06 -5.26	104.96 1.45 -4.98	76.11 0.90 -6.67	67.23 0.60 -11.41	43.20 0.40 -1.67	47.73 0.22 -0.16	53.37 0.22 0.00
NUMBER_THREE_WT_PWR 323818	62.90 1.29 -1.82	83.55 1.98 -0.83	65.17 1.59 -1.30	122.41 2.40 0.00	111.01 2.07 -0.32	60.90 0.53 -0.33	109.56 -0.30 0.00	108.12 0.63 0.00	74.26 1.47 0.00	65.02 1.56 0.00	92.16 2.08 0.00	119.73 2.62 0.00	235.03 5.85 0.00	124.65 3.80 0.00	101.50 3.43 0.00	87.82 3.17 0.00	51.52 2.14 0.00	80.27 3.65 0.00	102.98 4.44 0.00	70.80 2.27 0.00	56.47 1.24 0.00	41.95 0.82 0.00	48.42 1.07 0.00	54.26 1.11 0.00
NYISO_LBMP_REFERENCE 24008	59.79 0.00 0.00	80.73 0.00 0.00	62.27 0.00 0.00	120.01 0.00 0.00	108.62 0.00 0.00	60.03 0.00 0.00	109.86 0.00 0.00	107.48 0.00 0.00	72.78 0.00 0.00	63.45 0.00 0.00	90.08 0.00 0.00	117.11 0.00 0.00	229.18 0.00 0.00	120.85 0.00 0.00	98.06 0.00 0.00	84.65 0.00 0.00	49.38 0.00 0.00	76.62 0.00 0.00	98.54 0.00 0.00	68.53 0.00 0.00	55.23 0.00 0.00	41.13 0.00 0.00	47.35 0.00 0.00	53.14 0.00 0.00

NYPA_BRENTWD____GT 24164	121.40 6.79 -54.82	114.72 8.94 -25.04	108.17 6.65 -39.25	132.87 12.86 0.00	129.94 11.77 -9.55	85.10 6.95 -18.11	200.74 13.56 -77.32	148.73 13.71 -27.54	101.30 8.98 -19.54	86.92 7.76 -15.71	131.93 11.22 -30.63	131.33 13.86 -0.37	254.87 23.51 -2.17	136.76 14.74 -1.17	134.09 12.29 -23.74	157.40 11.20 -61.55	206.50 6.26 -150.86	260.74 9.24 -174.89	301.27 13.10 -189.63	322.60 9.27 -244.80	432.61 7.29 -370.10	149.08 5.32 -102.64	130.89 6.01 -77.53	74.68 6.48 -15.06
NYPA_GOWANUS____GT5 24156	135.01 5.44 -69.77	142.45 7.07 -54.64	137.02 5.34 -69.40	146.52 9.94 -16.57	142.63 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.19 -88.08	170.12 7.87 -89.47	153.56 7.16 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.53 24.15 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.45 -299.04	432.99 5.91 -371.85	157.17 4.39 -111.65	131.27 4.79 -79.13	78.24 5.30 -19.80
NYPA_GOWANUS____GT6 24157	135.01 5.44 -69.77	142.45 7.07 -54.64	137.02 5.34 -69.40	146.52 9.94 -16.57	142.63 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.19 -88.08	170.12 7.87 -89.47	153.56 7.16 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.53 24.15 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.45 -299.04	432.99 5.91 -371.85	157.17 4.39 -111.65	131.27 4.79 -79.13	78.24 5.30 -19.80
NYPA_HARLEM__RVR__GT1 24160	119.72 5.11 -54.81	112.28 6.51 -25.04	106.42 4.90 -39.25	129.28 9.27 0.00	126.78 8.62 -9.54	83.31 5.17 -18.11	197.18 10.02 -77.30	140.53 10.41 -22.63	99.58 7.26 -19.54	85.77 6.62 -15.70	128.61 9.15 -29.39	129.68 12.20 -0.37	252.92 22.55 -1.18	132.78 11.93 0.00	131.72 9.98 -23.67	154.41 8.74 -61.02	205.18 4.97 -150.83	259.07 7.61 -174.85	296.67 9.81 -188.32	320.12 6.85 -244.74	430.70 5.46 -370.02	147.79 4.05 -102.61	129.36 4.50 -77.51	73.17 4.97 -15.05
NYPA_HARLEM__RVR__GT2 24161	119.72 5.11 -54.81	112.28 6.51 -25.04	106.42 4.90 -39.25	129.28 9.27 0.00	126.78 8.62 -9.54	83.31 5.17 -18.11	197.18 10.02 -77.30	140.53 10.41 -22.63	99.58 7.26 -19.54	85.77 6.62 -15.70	128.61 9.15 -29.39	129.68 12.20 -0.37	252.92 22.55 -1.18	132.78 11.93 0.00	131.72 9.98 -23.67	154.41 8.74 -61.02	205.18 4.97 -150.83	259.07 7.61 -174.85	296.67 9.81 -188.32	320.12 6.85 -244.74	430.70 5.46 -370.02	147.79 4.05 -102.61	129.36 4.50 -77.51	73.17 4.97 -15.05
NYPA_KENT____GT 24152	128.93 5.32 -63.82	130.46 6.85 -42.87	124.89 5.21 -57.41	139.70 9.70 -9.98	136.38 9.12 -18.63	114.72 5.48 -49.20	209.15 10.44 -88.85	180.44 10.90 -62.05	142.11 7.67 -61.66	126.66 7.00 -56.21	129.62 9.88 -29.67	130.46 12.99 -0.37	254.17 23.80 -1.19	133.57 12.72 0.00	139.73 10.73 -30.93	159.49 9.28 -65.56	205.58 5.27 -150.93	345.17 8.10 -260.46	372.15 10.53 -263.08	353.22 7.24 -277.45	432.09 5.74 -371.12	153.43 4.25 -108.06	130.47 4.63 -78.48	76.19 5.14 -17.91
NYPA_POUCH1____GT 24155	134.83 5.27 -69.77	142.26 6.88 -54.64	136.89 5.22 -69.40	146.24 9.66 -16.57	142.44 9.19 -24.63	135.29 5.52 -69.73	216.67 10.33 -96.48	206.51 10.95 -88.08	169.92 7.67 -89.47	153.37 6.97 -82.95	129.47 9.54 -29.85	127.23 12.52 2.40	253.37 23.00 -1.20	133.09 12.24 0.00	144.32 10.53 -35.72	162.31 9.11 -68.55	205.59 5.21 -151.00	401.66 8.07 -316.97	421.43 10.46 -312.43	374.79 7.21 -299.04	432.79 5.71 -371.85	157.05 4.27 -111.65	131.12 4.64 -79.13	78.10 5.16 -19.80
NYPA_VERNON____GT2 24162	122.85 5.19 -57.87	118.50 6.66 -31.10	112.73 5.03 -45.42	132.85 9.44 -3.39	130.10 8.84 -12.63	94.02 5.31 -28.68	201.29 10.20 -81.23	154.10 10.58 -36.03	114.11 7.48 -33.85	99.76 6.84 -29.47	129.32 9.75 -29.49	130.35 12.87 -0.37	253.81 23.44 -1.19	133.38 12.53 0.00	134.72 10.52 -26.14	156.35 9.13 -62.57	205.43 5.18 -150.86	288.51 7.95 -203.95	322.60 10.33 -213.74	331.48 7.09 -255.86	431.25 5.64 -370.39	149.75 4.16 -104.46	129.74 4.55 -77.84	74.19 5.02 -16.03
NYPA_VERNON____GT3 24163	122.85 5.19 -57.87	118.50 6.66 -31.10	112.73 5.03 -45.42	132.85 9.44 -3.39	130.10 8.84 -12.63	94.02 5.31 -28.68	201.29 10.20 -81.23	154.10 10.58 -36.03	114.11 7.48 -33.85	99.76 6.84 -29.47	129.32 9.75 -29.49	130.35 12.87 -0.37	253.81 23.44 -1.19	133.38 12.53 0.00	134.72 10.52 -26.14	156.35 9.13 -62.57	205.43 5.18 -150.86	288.51 7.95 -203.95	322.60 10.33 -213.74	331.48 7.09 -255.86	431.25 5.64 -370.39	149.75 4.16 -104.46	129.74 4.55 -77.84	74.19 5.02 -16.03
NYPA__ASTORIA_CC1 323568	119.71 5.11 -54.81	112.33 6.56 -25.04	106.48 4.96 -39.25	129.30 9.29 0.00	126.89 8.72 -9.54	83.39 5.25 -18.11	197.22 10.06 -77.30	140.54 10.42 -22.63	99.65 7.34 -19.54	85.88 6.73 -15.70	129.09 9.62 -29.39	130.17 12.69 -0.37	253.41 23.05 -1.18	133.21 12.36 0.00	132.08 10.34 -23.67	154.68 9.00 -61.02	205.31 5.10 -150.83	259.26 7.79 -174.85	297.06 10.20 -188.32	320.25 6.98 -244.74	430.79 5.55 -370.02	147.83 4.09 -102.61	129.34 4.48 -77.51	73.13 4.94 -15.05
NYPA__ASTORIA_CC2 323569	119.71 5.11 -54.81	112.33 6.56 -25.04	106.48 4.96 -39.25	129.30 9.29 0.00	126.89 8.72 -9.54	83.39 5.25 -18.11	197.22 10.06 -77.30	140.54 10.42 -22.63	99.65 7.34 -19.54	85.88 6.73 -15.70	129.09 9.62 -29.39	130.17 12.69 -0.37	253.41 23.05 -1.18	133.21 12.36 0.00	132.08 10.34 -23.67	154.68 9.00 -61.02	205.31 5.10 -150.83	259.26 7.79 -174.85	297.06 10.20 -188.32	320.25 6.98 -244.74	430.79 5.55 -370.02	147.83 4.09 -102.61	129.34 4.48 -77.51	73.13 4.94 -15.05
NYPA__HOLTSVILL 23794	121.06 6.45 -54.82	114.23 8.46 -25.04	107.83 6.30 -39.25	132.17 12.16 0.00	129.32 11.15 -9.55	84.79 6.64 -18.11	200.08 12.90 -77.32	148.49 13.37 -27.64	100.72 8.39 -19.54	86.36 7.20 -15.71	130.75 10.37 -30.30	130.39 12.92 -0.37	252.67 21.48 -2.02	135.71 13.88 -0.98	133.29 11.49 -23.73	156.82 10.70 -61.47	206.21 5.96 -150.86	260.07 8.57 -174.89	300.49 12.32 -189.63	322.17 8.84 -244.80	432.26 6.94 -370.10	148.87 5.11 -102.64	130.68 5.80 -77.53	74.40 6.20 -15.06
NYPA__HELLGATE_GT1 24158	119.72 5.11 -54.81	112.28 6.51 -25.04	106.42 4.90 -39.25	129.28 9.27 0.00	126.78 8.62 -9.54	83.31 5.17 -18.11	197.18 10.02 -77.30	140.53 10.41 -22.63	99.58 7.26 -19.54	85.77 6.62 -15.70	128.53 9.06 -29.39	129.67 12.19 -0.37	252.92 22.55 -1.18	132.78 11.93 0.00	131.72 9.98 -23.67	154.37 8.69 -61.02	205.15 4.94 -150.83	258.99 7.53 -174.85	296.60 9.74 -188.32	320.05 6.78 -244.74	430.65 5.40 -370.02	147.76 4.02 -102.61	129.34 4.48 -77.51	73.17 4.97 -15.05
NYPA__HELLGATE_GT2 24159	119.72 5.11 -54.81	112.28 6.51 -25.04	106.42 4.90 -39.25	129.28 9.27 0.00	126.78 8.62 -9.54	83.31 5.17 -18.11	197.18 10.02 -77.30	140.53 10.41 -22.63	99.58 7.26 -19.54	85.77 6.62 -15.70	128.53 9.06 -29.39	129.67 12.19 -0.37	252.92 22.55 -1.18	132.78 11.93 0.00	131.72 9.98 -23.67	154.37 8.69 -61.02	205.15 4.94 -150.83	258.99 7.53 -174.85	296.60 9.74 -188.32	320.05 6.78 -244.74	430.65 5.40 -370.02	147.76 4.02 -102.61	129.34 4.48 -77.51	73.17 4.97 -15.05
NYS_BARGE__HYD 23848	63.57 -4.62 -8.40	78.21 -6.45 -3.92	63.60 -4.82 -6.15	110.26 -9.75 0.00	100.68 -9.44 -1.50	56.84 -4.75 -1.55	100.29 -9.57 0.00	97.89 -9.59 0.00	67.03 -5.76 0.00	58.69 -4.99 -0.22	83.66 -7.60 -1.18	104.72 -9.67 2.71	208.86 -20.32 0.00	110.73 -10.12 0.00	90.68 -8.33 -0.95	79.77 -7.18 -2.30	50.03 -4.09 -4.74	76.27 -6.36 -6.02	96.00 -8.23 -5.70	69.96 -6.22 -7.64	61.10 -4.88 -10.75	39.38 -3.45 -1.71	43.19 -3.86 0.30	49.25 -3.89 0.00

OAK ORCHARD___HYD 24046	65.04 -1.75 -6.99	81.44 -2.54 -3.25	65.52 -1.85 -5.09	115.90 -4.12 0.00	106.02 -3.84 -1.24	59.58 -1.74 -1.29	106.34 -3.52 0.00	104.16 -3.33 0.00	70.98 -1.80 0.00	62.11 -1.52 -0.18	88.52 -2.53 -0.97	111.90 -3.41 1.81	221.88 -7.30 0.00	117.26 -3.59 0.00	95.91 -2.93 -0.78	84.07 -2.47 -1.88	51.96 -1.32 -3.89	79.58 -1.98 -4.95	100.59 -2.62 -4.68	72.71 -2.10 -6.27	62.61 -1.67 -9.05	41.34 -1.20 -1.42	45.64 -1.51 0.20	51.64 -1.50 0.00
OAKDALE___35_KV_LOAD 356122	77.70 -0.13 -18.04	88.81 -0.23 -8.30	75.21 -0.08 -13.02	119.70 -0.31 0.00	111.59 -0.20 -3.17	66.18 0.23 -5.91	134.96 0.36 -24.74	114.85 0.12 -7.24	79.33 0.30 -6.25	67.58 0.40 -3.73	93.16 0.50 -2.58	115.70 0.59 1.99	230.64 1.08 -0.38	121.63 0.78 0.00	101.09 0.95 -2.08	91.59 0.67 -6.27	70.50 0.25 -20.87	98.19 0.40 -21.17	126.69 0.81 -27.35	103.21 0.48 -34.19	102.32 0.27 -46.83	63.43 0.17 -22.13	71.97 0.04 -24.57	58.01 0.05 -4.82
OCC_CHEM___DRP 24175	63.27 -5.14 -8.61	77.78 -6.97 -4.02	63.35 -5.23 -6.31	109.90 -10.11 0.00	100.30 -9.86 -1.53	56.60 -5.03 -1.59	99.78 -10.08 0.00	96.85 -10.64 0.00	66.27 -6.51 0.00	57.98 -5.70 -0.23	82.69 -8.60 -1.21	103.30 -10.98 2.83	206.33 -22.85 0.00	109.36 -11.49 0.00	89.55 -9.49 -0.98	78.80 -8.21 -2.36	49.42 -4.83 -4.87	75.31 -7.49 -6.18	94.78 -9.61 -5.85	69.13 -7.25 -7.85	60.60 -5.65 -11.02	38.92 -3.96 -1.75	42.67 -4.36 0.32	48.82 -4.32 0.00
OH_GEN_PROXY 24063	63.76 -4.57 -8.54	78.41 -6.31 -3.99	63.88 -4.64 -6.25	110.49 -9.52 0.00	101.04 -9.11 -1.52	56.97 -4.64 -1.58	100.46 -9.40 0.00	98.06 -9.43 0.00	67.02 -5.76 0.00	58.71 -4.98 -0.23	83.80 -7.48 -1.20	104.67 -9.72 2.72	209.15 -20.03 0.00	110.72 -10.13 0.00	90.75 -8.28 -0.97	79.80 -7.19 -2.33	50.08 -4.12 -4.82	76.28 -6.46 -6.13	39.78 -8.31 50.45	70.11 -6.20 -7.77	61.32 -4.87 -10.96	39.40 -3.46 -1.74	43.15 -3.90 0.30	49.24 -3.90 0.00
OLIN_CORP_DRP 24177	63.13 -5.36 -8.70	77.44 -7.36 -4.06	63.14 -5.51 -6.37	109.06 -10.95 0.00	99.61 -10.56 -1.55	56.24 -5.40 -1.61	99.11 -10.75 0.00	96.69 -10.79 0.00	66.18 -6.60 0.00	57.89 -5.79 -0.23	82.56 -8.75 -1.23	103.24 -10.98 2.89	205.78 -23.39 0.00	109.14 -11.71 0.00	89.35 -9.70 -0.99	78.63 -8.40 -2.38	49.37 -4.93 -4.92	75.23 -7.63 -6.25	94.66 -9.79 -5.91	69.11 -7.35 -7.93	60.59 -5.76 -11.12	38.85 -4.04 -1.77	42.60 -4.43 0.32	48.69 -4.46 0.00
OLIN_CORP_DSASP 323712	63.27 -5.14 -8.61	77.76 -7.00 -4.02	63.33 -5.24 -6.31	109.92 -10.10 0.00	100.30 -9.86 -1.53	56.62 -5.01 -1.59	99.74 -10.12 0.00	96.87 -10.62 0.00	66.28 -6.50 0.00	58.05 -5.64 -0.23	82.78 -8.51 -1.21	103.24 -11.04 2.83	206.27 -22.91 0.00	109.33 -11.52 0.00	89.58 -9.46 -0.98	78.88 -8.13 -2.36	49.55 -4.70 -4.87	75.48 -7.32 -6.18	94.91 -9.48 -5.85	69.29 -7.09 -7.85	60.70 -5.55 -11.02	38.98 -3.90 -1.75	42.71 -4.33 0.32	48.83 -4.31 0.00
ONEIDA_HERK_LFGE 323681	63.32 1.86 -1.67	84.08 2.59 -0.76	65.50 2.03 -1.20	123.55 3.53 0.00	112.16 3.25 -0.29	62.00 1.66 -0.30	112.47 2.61 0.00	110.63 3.15 0.00	75.39 2.61 0.00	65.86 2.41 0.00	93.37 3.29 0.00	121.43 4.32 0.00	237.48 8.30 0.00	125.55 4.70 0.00	102.15 4.08 0.00	88.31 3.66 0.00	51.65 2.27 0.00	80.25 3.63 0.00	103.12 4.59 0.00	71.37 2.84 0.00	57.21 1.99 0.00	42.52 1.39 0.00	48.89 1.54 0.00	54.78 1.63 0.00
ONEIDA___115KV_TB4 55905	65.18 2.01 -3.38	85.01 2.73 -1.54	66.83 2.14 -2.42	124.06 4.05 0.00	113.11 3.90 -0.59	62.98 2.34 -0.61	114.25 4.40 0.00	112.12 4.64 0.00	76.10 3.32 0.00	66.41 2.96 0.00	94.16 4.08 0.00	122.38 5.27 0.00	238.93 9.74 0.00	126.14 5.29 0.00	102.58 4.52 0.00	88.71 4.06 0.00	51.84 2.46 0.00	80.27 3.65 0.00	103.30 4.77 0.00	71.68 3.15 0.00	57.57 2.35 0.00	42.76 1.64 0.00	49.04 1.69 0.00	54.94 1.80 0.00
ONONDAGA_REF_OCCRA 23987	66.27 -0.20 -6.68	83.36 -0.39 -3.02	66.71 -0.29 -4.73	119.22 -0.79 0.00	109.18 -0.59 -1.15	61.18 -0.05 -1.19	109.87 0.01 0.00	107.58 0.09 0.00	73.01 0.23 0.00	63.92 0.30 -0.17	91.31 0.33 -0.90	118.55 0.38 -1.06	229.44 0.26 0.00	121.06 0.21 0.00	99.13 0.34 -0.72	86.77 0.37 -1.74	53.23 0.25 -3.60	81.65 0.46 -4.57	103.51 0.65 -4.33	74.72 0.38 -5.81	65.22 0.19 -9.81	42.69 0.12 -1.44	47.38 -0.09 -0.11	52.99 -0.15 0.00
ONONDAGA___COGEN 23986	65.87 -0.24 -6.31	83.18 -0.44 -2.88	66.41 -0.38 -4.52	119.06 -0.95 0.00	109.02 -0.70 -1.10	61.08 -0.09 -1.14	109.79 -0.07 0.00	107.50 0.01 0.00	72.95 0.16 0.00	63.83 0.22 -0.16	91.17 0.23 -0.86	117.29 0.18 0.00	229.10 -0.08 0.00	120.89 0.04 0.00	99.00 0.24 -0.69	86.57 0.26 -1.66	52.99 0.18 -3.43	81.36 0.38 -4.36	103.21 0.55 -4.12	74.36 0.30 -5.53	64.17 0.11 -8.83	42.50 0.04 -1.33	47.19 -0.17 0.00	52.92 -0.22 0.00
ONTARIO___LFGE 23819	67.30 -0.73 -8.24	83.59 -1.03 -3.89	67.72 -0.65 -6.10	117.92 -2.09 0.00	108.23 -1.87 -1.48	61.37 -0.20 -1.54	109.66 -0.20 0.00	107.28 -0.20 0.00	72.97 0.19 0.00	63.96 0.29 -0.22	91.13 -0.12 -1.17	112.12 -1.01 3.97	226.09 -3.09 0.00	119.91 -0.94 0.00	98.93 -0.08 -0.94	87.01 0.08 -2.28	54.30 0.22 -4.70	83.10 0.52 -5.97	104.88 0.69 -5.65	76.33 0.22 -7.58	65.26 0.03 -9.99	42.75 -0.02 -1.64	46.57 -0.34 0.44	52.80 -0.34 0.00
ORANGEVILLE_WT_PWR 323706	65.49 -4.57 -10.27	79.29 -6.27 -4.83	65.64 -4.20 -7.57	111.61 -8.40 0.00	102.06 -8.41 -1.84	59.01 -4.27 -3.25	113.99 -8.53 -12.66	102.82 -8.37 -3.71	71.10 -4.88 -3.20	61.29 -4.09 -1.94	85.30 -6.25 -1.47	104.78 -7.99 4.34	213.18 -16.20 -0.19	113.39 -7.46 0.00	93.59 -5.65 -1.18	83.07 -5.07 -3.50	57.83 -2.83 -11.27	83.80 -4.40 -11.58	107.43 -5.81 -14.70	82.44 -4.54 -18.44	75.43 -3.53 -23.74	49.85 -2.68 -11.40	56.38 -3.19 -12.21	52.33 -3.28 -2.47
ORANGEVILLE___ESR 323794	65.49 -4.57 -10.27	79.29 -6.27 -4.83	65.64 -4.20 -7.57	111.61 -8.40 0.00	102.06 -8.41 -1.84	59.01 -4.27 -3.25	113.99 -8.53 -12.66	102.82 -8.37 -3.71	71.10 -4.88 -3.20	61.29 -4.09 -1.94	85.30 -6.25 -1.47	104.78 -7.99 4.34	213.18 -16.20 -0.19	113.39 -7.46 0.00	93.59 -5.65 -1.18	83.07 -5.07 -3.50	57.83 -2.83 -11.27	83.80 -4.40 -11.58	107.43 -5.81 -14.70	82.44 -4.54 -18.44	75.43 -3.53 -23.74	49.85 -2.68 -11.40	56.38 -3.19 -12.21	52.33 -3.28 -2.47
OSWEGATCHIE___HYD 24044	60.99 -0.11 -1.30	81.56 0.23 -0.60	63.41 0.21 -0.93	120.09 0.08 0.00	108.33 -0.52 -0.23	59.36 -0.91 -0.24	106.93 -2.93 0.00	104.93 -2.55 0.00	71.53 -1.25 0.00	62.46 -0.99 0.00	89.09 -0.99 0.00	115.39 -1.71 0.00	227.42 -1.76 0.00	120.37 -0.48 0.00	97.44 -0.62 0.00	84.03 -0.62 0.00	49.22 -0.16 0.00	76.70 0.08 0.00	98.40 -0.13 0.00	67.95 -0.58 0.00	54.49 -0.74 0.00	40.78 -0.34 0.00	47.38 0.03 0.00	53.25 0.10 0.00
OSWEGO___5 23606	61.11 -1.86 -3.18	79.61 -2.58 -1.45	62.56 -1.99 -2.28	116.04 -3.97 0.00	105.61 -3.56 -0.55	58.78 -1.83 -0.57	106.51 -3.35 0.00	104.22 -3.26 0.00	70.67 -2.12 0.00	61.66 -1.80 0.00	87.45 -2.62 0.00	113.70 -3.41 0.00	222.25 -6.93 0.00	117.25 -3.60 0.00	95.23 -2.84 0.00	82.22 -2.44 0.00	48.03 -1.35 0.00	74.57 -2.05 0.00	95.85 -2.68 0.00	66.61 -1.92 0.00	53.66 -1.57 0.00	39.98 -1.14 0.00	45.90 -1.45 0.00	51.50 -1.64 0.00

OSWEGO___6 23613	61.11 -1.86 -3.18	79.61 -2.58 -1.45	62.56 -1.99 -2.28	116.04 -3.97 0.00	105.61 -3.56 -0.55	58.78 -1.83 -0.57	106.51 -3.35 0.00	104.22 -3.26 0.00	70.67 -2.12 0.00	61.66 -1.80 0.00	87.45 -2.62 0.00	113.70 -3.41 0.00	222.25 -6.93 0.00	117.25 -3.60 0.00	95.23 -2.84 0.00	82.22 -2.44 0.00	48.03 -1.35 0.00	74.57 -2.05 0.00	95.85 -2.68 0.00	66.61 -1.92 0.00	53.66 -1.57 0.00	39.98 -1.14 0.00	45.90 -1.45 0.00	51.50 -1.64 0.00
OUTOKUMPU-AB___DRP 24206	64.55 -4.00 -8.76	79.28 -5.55 -4.10	64.61 -4.08 -6.42	111.85 -8.16 0.00	102.07 -8.12 -1.56	57.57 -4.08 -1.62	101.37 -8.49 0.00	98.76 -8.72 0.00	67.63 -5.15 0.00	59.20 -4.48 -0.23	84.51 -6.81 -1.24	105.64 -8.53 2.94	211.70 -17.48 0.00	112.40 -8.45 0.00	92.09 -6.97 -0.99	81.01 -6.04 -2.40	50.79 -3.55 -4.96	77.42 -5.50 -6.30	97.43 -7.06 -5.96	71.06 -5.46 -7.99	62.18 -4.24 -11.19	39.93 -2.98 -1.78	43.72 -3.31 0.33	49.91 -3.23 0.00
OXBOW___BTM 323836	64.03 -4.45 -8.69	78.67 -6.13 -4.06	64.09 -4.54 -6.36	111.12 -8.89 0.00	101.41 -8.76 -1.55	57.23 -4.41 -1.61	100.83 -9.03 0.00	98.08 -9.40 0.00	67.15 -5.63 0.00	58.82 -4.87 -0.23	83.90 -7.40 -1.23	104.73 -9.49 2.88	209.55 -19.63 0.00	111.18 -9.67 0.00	91.11 -7.94 -0.99	80.18 -6.85 -2.38	50.35 -3.94 -4.91	76.73 -6.12 -6.24	96.51 -7.94 -5.90	70.44 -6.01 -7.92	61.64 -4.69 -11.11	39.58 -3.31 -1.77	43.33 -3.70 0.32	49.49 -3.66 0.00
OXBOW____ 24026	64.04 -4.44 -8.69	78.68 -6.11 -4.06	64.11 -4.52 -6.36	111.12 -8.90 0.00	101.43 -8.74 -1.55	57.22 -4.42 -1.61	100.80 -9.06 0.00	98.07 -9.41 0.00	67.14 -5.64 0.00	58.75 -4.93 -0.23	83.83 -7.47 -1.23	104.76 -9.46 2.88	209.60 -19.57 0.00	111.20 -9.65 0.00	91.10 -7.95 -0.99	80.13 -6.90 -2.38	50.22 -4.07 -4.91	76.57 -6.28 -6.24	96.37 -8.07 -5.90	70.28 -6.17 -7.92	61.54 -4.80 -11.11	39.52 -3.37 -1.77	43.30 -3.73 0.32	49.48 -3.66 0.00
OXY_CHEM_DSASP 323612	63.27 -5.14 -8.61	77.78 -6.97 -4.02	63.35 -5.23 -6.31	109.90 -10.11 0.00	100.30 -9.86 -1.53	56.60 -5.03 -1.59	99.78 -10.08 0.00	96.85 -10.64 0.00	66.27 -6.51 0.00	57.98 -5.70 -0.23	82.69 -8.60 -1.21	103.30 -10.98 2.83	206.33 -22.85 0.00	109.36 -11.49 0.00	89.55 -9.49 -0.98	78.80 -8.21 -2.36	49.42 -4.83 -4.87	75.31 -7.49 -6.18	94.78 -9.61 -5.85	69.13 -7.25 -7.85	60.60 -5.65 -11.02	38.92 -3.96 -1.75	42.67 -4.36 0.32	48.82 -4.32 0.00
OZONE_PARK_ESR 323760	120.19 5.59 -54.81	112.94 7.17 -25.04	106.95 5.43 -39.25	130.21 10.19 0.00	127.67 9.50 -9.54	83.83 5.69 -18.11	198.17 11.02 -77.29	141.46 11.34 -22.63	100.32 8.00 -19.53	86.46 7.31 -15.70	129.83 10.37 -29.39	131.12 13.64 -0.37	255.61 25.25 -1.18	134.35 13.50 0.00	132.95 11.21 -23.67	155.46 9.79 -61.01	205.77 5.58 -150.81	259.97 8.53 -174.83	297.92 11.08 -188.30	320.89 7.64 -244.71	431.29 6.09 -369.97	148.21 4.48 -102.60	129.78 4.93 -77.50	73.61 5.42 -15.05
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	63.27 -5.14 -8.61	77.78 -6.97 -4.02	63.35 -5.23 -6.31	109.90 -10.11 0.00	100.30 -9.86 -1.53	56.60 -5.03 -1.59	99.78 -10.08 0.00	96.85 -10.64 0.00	66.27 -6.51 0.00	57.98 -5.70 -0.23	82.69 -8.60 -1.21	103.30 -10.98 2.83	206.33 -22.85 0.00	109.36 -11.49 0.00	89.55 -9.49 -0.98	78.80 -8.21 -2.36	49.42 -4.83 -4.87	75.31 -7.49 -6.18	94.78 -9.61 -5.85	69.13 -7.25 -7.85	60.60 -5.65 -11.02	38.92 -3.96 -1.75	42.67 -4.36 0.32	48.82 -4.32 0.00
PACKARD__115KV_DUPONT_184 80571	63.27 -5.14 -8.61	77.78 -6.97 -4.02	63.35 -5.23 -6.31	109.90 -10.11 0.00	100.30 -9.86 -1.53	56.60 -5.03 -1.59	99.78 -10.08 0.00	96.85 -10.64 0.00	66.27 -6.51 0.00	57.98 -5.70 -0.23	82.69 -8.60 -1.21	103.30 -10.98 2.83	206.33 -22.85 0.00	109.36 -11.49 0.00	89.55 -9.49 -0.98	78.80 -8.21 -2.36	49.42 -4.83 -4.87	75.31 -7.49 -6.18	94.78 -9.61 -5.85	69.13 -7.25 -7.85	60.60 -5.65 -11.02	38.92 -3.96 -1.75	42.67 -4.36 0.32	48.82 -4.32 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	119.63 5.02 -54.81	112.19 6.41 -25.04	106.35 4.83 -39.25	129.15 9.14 0.00	126.69 8.52 -9.54	83.27 5.13 -18.11	197.13 9.97 -77.30	140.42 10.30 -22.63	99.51 7.20 -19.54	85.73 6.58 -15.70	128.62 9.15 -29.39	129.67 12.19 -0.37	252.66 22.30 -1.18	132.71 11.86 0.00	131.69 9.96 -23.67	154.40 8.72 -61.02	205.17 4.96 -150.83	259.02 7.56 -174.85	296.66 9.80 -188.32	320.06 6.79 -244.74	430.67 5.43 -370.02	147.77 4.03 -102.61	129.30 4.44 -77.51	73.08 4.88 -15.05
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	119.91 5.30 -54.81	112.57 6.80 -25.04	106.66 5.13 -39.25	129.72 9.71 0.00	127.29 9.13 -9.54	83.66 5.52 -18.11	197.89 10.72 -77.30	141.21 11.10 -22.63	99.91 7.59 -19.54	86.05 6.89 -15.70	128.93 9.46 -29.39	130.09 12.61 -0.37	253.67 23.31 -1.18	133.19 12.34 0.00	132.07 10.33 -23.67	154.82 9.14 -61.02	205.43 5.22 -150.83	259.41 7.95 -174.85	297.14 10.28 -188.32	320.38 7.11 -244.74	430.87 5.63 -370.02	147.95 4.21 -102.61	129.55 4.69 -77.51	73.30 5.10 -15.05
PATROON__115KV_TB1 80586	131.52 3.00 -68.73	116.17 4.03 -31.40	114.61 3.12 -49.21	125.69 5.68 0.00	125.89 5.30 -11.97	111.14 2.91 -48.20	452.39 5.43 -337.09	211.20 5.03 -98.70	161.53 3.56 -85.19	111.96 3.56 -44.95	99.61 5.15 -4.38	124.87 6.75 -1.02	247.05 12.71 -5.16	127.18 6.33 0.00	106.61 5.02 -3.53	114.95 4.53 -25.76	212.70 2.40 -160.92	211.90 3.48 -131.81	327.54 4.68 -224.33	338.76 3.23 -267.00	393.46 2.64 -335.58	298.21 2.03 -255.05	387.80 2.45 -337.99	121.79 3.00 -65.65
PATTRSNVILLE__SOLAR 323815	135.08 2.87 -72.42	117.61 3.79 -33.08	117.04 2.92 -51.85	125.52 5.51 0.00	126.35 5.11 -12.61	132.48 2.99 -69.46	646.30 5.45 -531.00	268.24 5.28 -155.47	210.47 3.50 -134.19	136.00 2.67 -69.87	95.27 3.24 -1.95	123.58 5.01 -1.47	246.99 9.68 -8.13	125.52 4.67 0.00	103.66 4.03 -1.57	119.64 4.02 -30.97	285.56 2.58 -233.60	263.08 4.03 -182.44	433.30 5.23 -329.53	460.75 3.60 -388.62	535.64 2.85 -477.57	437.31 2.11 -394.08	582.05 2.28 -532.41	159.01 2.45 -103.41
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	65.40 -3.95 -9.55	79.83 -5.38 -4.47	65.43 -3.86 -7.01	112.37 -7.64 0.00	102.87 -7.46 -1.71	59.39 -3.65 -3.01	114.13 -7.39 -11.66	103.56 -7.34 -3.41	71.46 -4.26 -2.95	61.53 -3.71 -1.78	85.89 -5.54 -1.35	106.68 -7.04 3.39	214.79 -14.57 -0.18	113.75 -7.10 0.00	93.47 -5.68 -1.09	82.74 -5.14 -3.23	56.77 -3.00 -10.39	82.57 -4.73 -10.69	106.11 -5.98 -13.56	80.93 -4.61 -17.01	73.80 -3.65 -22.22	49.04 -2.62 -10.53	55.69 -2.97 -11.31	52.43 -2.98 -2.27
PAWLING_115_KV_BK3_REV_LBMP_H 345028	120.48 5.47 -55.22	113.09 7.13 -25.23	107.23 5.42 -39.54	130.20 10.18 0.00	127.72 9.48 -9.62	84.12 5.64 -18.46	200.72 10.98 -79.88	141.90 11.03 -23.39	100.64 7.68 -20.19	86.40 6.94 -16.01	129.25 9.92 -29.26	130.46 12.98 -0.38	254.33 23.93 -1.22	133.44 12.59 0.00	132.37 10.74 -23.56	154.95 9.41 -60.89	206.17 5.41 -151.38	259.92 8.31 -174.99	298.69 10.93 -189.22	321.80 7.58 -245.68	432.08 6.02 -370.82	149.87 4.45 -104.30	132.30 4.86 -80.09	74.03 5.33 -15.56
PEEKSKILL____ 23653	118.37 4.37 -54.21	111.10 5.60 -24.76	105.37 4.28 -38.81	127.96 7.95 0.00	125.54 7.47 -9.44	82.45 4.52 -17.89	194.91 8.76 -76.29	138.56 8.74 -22.34	98.19 6.13 -19.28	84.57 5.65 -15.47	127.08 8.14 -28.87	128.13 10.65 -0.37	249.71 19.36 -1.17	131.23 10.38 0.00	130.08 8.76 -23.25	152.29 7.68 -59.95	202.04 4.37 -148.30	255.08 6.61 -171.85	292.40 8.67 -185.19	315.19 6.02 -240.64	423.78 4.82 -363.73	145.75 3.57 -101.05	127.75 3.91 -76.49	72.34 4.34 -14.86

PGE MADISON___WINDPWR 24146	82.89 5.12 -17.97	95.50 6.71 -8.05	80.14 5.25 -12.62	130.74 10.73 0.00	122.48 10.79 -3.07	73.40 6.53 -6.84	156.50 12.24 -34.39	129.43 11.87 -10.07	89.07 7.59 -8.69	75.08 6.64 -4.99	101.80 9.14 -2.58	134.16 11.78 -5.27	253.58 23.87 -0.53	134.42 13.57 0.00	111.91 11.76 -2.08	102.04 10.61 -6.77	80.60 6.24 -24.98	111.22 10.29 -24.32	145.04 13.33 -33.18	118.51 8.94 -41.03	121.00 6.83 -58.95	75.61 4.91 -29.58	87.58 5.19 -35.05	65.24 5.39 -6.70
PIERCEFIELD___HYD 23852	58.41 -1.38 0.00	79.38 -1.35 0.00	61.22 -1.05 0.00	118.22 -1.80 0.00	106.13 -2.49 0.00	57.96 -2.07 0.00	105.05 -4.81 0.00	102.59 -4.89 0.00	69.39 -3.39 0.00	60.31 -3.14 0.00	86.34 -3.74 0.00	111.54 -5.57 0.00	221.04 -8.14 0.00	116.73 -4.12 0.00	93.85 -4.21 0.00	80.53 -4.12 0.00	47.21 -2.17 0.00	73.52 -3.09 0.00	94.36 -4.18 0.00	65.46 -3.07 0.00	52.69 -2.53 0.00	39.67 -1.45 0.00	46.49 -0.87 0.00	52.39 -0.76 0.00
PINELAWN_CC_1 323563	120.80 6.19 -54.82	113.86 8.09 -25.04	107.58 6.05 -39.25	131.60 11.59 0.00	128.78 10.61 -9.55	84.44 6.30 -18.11	199.39 12.21 -77.32	146.55 12.04 -27.03	99.90 7.59 -19.54	85.77 6.62 -15.71	132.06 9.65 -32.33	129.83 12.36 -0.37	253.97 21.82 -2.97	135.68 12.73 -2.10	132.52 10.66 -23.80	156.25 9.63 -61.96	205.51 5.27 -150.86	258.96 7.46 -174.89	298.84 10.68 -189.63	321.09 7.76 -244.80	431.39 6.07 -370.10	148.34 4.58 -102.64	130.36 5.48 -77.53	74.12 5.91 -15.06
PJM_GEN_HTP_PROXY 323702	119.46 4.86 -54.80	112.00 6.23 -25.04	106.24 4.73 -39.24	128.87 8.86 0.00	126.46 8.30 -9.54	83.26 4.99 -18.24	196.78 9.64 -77.29	139.97 9.86 -22.63	99.28 6.97 -19.53	85.56 6.40 -15.70	128.65 9.19 -29.38	129.55 12.07 -0.37	236.84 22.13 14.47	132.70 11.85 0.00	131.65 9.92 -23.67	154.29 8.63 -61.00	205.07 4.91 -150.79	258.86 7.45 -174.80	296.54 9.73 -188.28	319.91 6.70 -244.67	430.47 5.33 -369.91	147.64 3.92 -102.59	129.16 4.31 -77.49	72.97 4.77 -15.05
PJM_GEN_KEystone 24065	41.08 0.26 18.97	67.10 0.21 13.85	74.06 0.27 -11.51	89.08 0.27 31.21	94.57 0.36 14.41	71.81 0.60 -11.19	130.11 0.93 -19.32	45.83 0.62 62.27	54.57 0.75 18.96	63.02 0.82 1.25	86.88 1.22 4.41	82.88 1.54 35.76	189.39 2.35 42.14	73.10 1.58 49.32	66.61 1.57 33.02	57.80 1.21 28.06	42.97 0.57 6.98	70.82 0.69 6.48	119.00 1.13 -19.33	107.99 0.76 -38.69	185.55 0.59 -129.73	45.80 0.46 -4.22	54.53 0.42 -6.76	36.11 0.60 17.63
PJM_GEN_NEPTUNE_PROXY 323594	119.99 5.38 -54.82	112.78 7.00 -25.04	106.75 5.23 -39.25	129.96 9.95 0.00	127.31 9.14 -9.55	83.73 5.45 -18.25	197.61 10.43 -77.32	141.61 10.76 -23.36	99.45 7.13 -19.54	85.58 6.42 -15.71	128.57 9.42 -29.07	129.33 11.85 -0.37	235.48 20.52 14.22	133.37 12.46 -0.07	132.12 10.37 -23.69	154.95 9.13 -61.17	205.25 5.00 -150.86	258.90 7.40 -174.89	298.51 10.34 -189.63	320.60 7.27 -244.80	431.02 5.70 -370.10	148.01 4.25 -102.64	129.62 4.74 -77.52	73.38 5.18 -15.06
PJM_GEN_VFT_PROXY 323633	119.14 4.54 -54.81	111.53 5.75 -25.04	105.88 4.37 -39.25	128.20 8.19 0.00	125.89 7.72 -9.54	82.96 4.69 -18.24	196.24 9.08 -77.29	139.33 9.22 -22.63	98.86 6.55 -19.53	85.18 6.03 -15.70	128.03 8.59 -29.36	126.02 11.31 2.39	235.45 20.74 14.47	131.98 11.13 0.00	130.99 9.26 -23.67	153.74 8.07 -61.01	204.77 4.58 -150.81	258.38 6.94 -174.83	295.87 9.03 -188.30	319.49 6.24 -244.71	430.18 4.98 -369.97	147.39 3.66 -102.60	128.87 4.01 -77.50	72.67 4.48 -15.05
PLATSBURG_115KV_PMLD1 355749	59.21 -0.58 0.00	80.30 -0.43 0.00	62.28 0.01 0.00	120.33 0.31 0.00	108.76 0.13 0.00	59.89 -0.14 0.00	109.52 -0.34 0.00	106.49 -0.99 0.00	72.02 -0.77 0.00	63.04 -0.41 0.00	89.19 -0.89 0.00	116.15 -0.96 0.00	228.53 -0.65 0.00	120.58 -0.27 0.00	97.79 -0.27 0.00	84.50 -0.16 0.00	49.40 0.02 0.00	76.58 -0.03 0.00	98.60 0.07 0.00	68.55 0.02 0.00	55.00 -0.23 0.00	41.05 -0.08 0.00	47.52 0.16 0.00	53.58 0.44 0.00
PLEASANTVLY___LBMP 24000	121.42 4.24 -57.38	112.45 5.50 -26.21	107.58 4.22 -41.09	127.82 7.80 0.00	125.90 7.29 -9.99	83.36 4.31 -19.01	199.70 8.38 -81.46	139.65 8.32 -23.85	99.21 5.85 -20.58	85.54 5.42 -16.67	129.52 7.80 -31.64	127.79 10.29 -0.39	249.18 18.75 -1.25	130.78 9.93 0.00	132.01 8.46 -25.48	157.62 7.37 -65.59	215.19 4.19 -161.61	270.56 6.30 -187.64	308.51 8.31 -201.66	336.52 5.78 -262.21	456.64 4.62 -396.79	153.75 3.46 -109.17	132.83 3.80 -81.68	73.24 4.23 -15.86
PLSNTVLE_13_KV_13.8KVDIST 80602	119.66 4.69 -55.17	112.01 6.07 -25.20	106.41 4.63 -39.50	128.63 8.61 0.00	126.30 8.06 -9.61	83.09 4.82 -18.24	197.10 9.34 -77.91	139.72 9.43 -22.81	99.06 6.59 -19.69	85.39 6.10 -15.84	128.50 8.72 -29.70	128.94 11.46 -0.37	251.33 20.96 -1.19	132.04 11.19 0.00	131.42 9.44 -23.92	154.54 8.25 -61.64	206.38 4.70 -152.31	260.29 7.09 -176.59	298.03 9.34 -190.16	322.14 6.48 -247.13	434.06 5.16 -373.67	148.48 3.82 -103.53	129.67 4.20 -78.12	72.95 4.64 -15.17
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	119.66 4.69 -55.17	112.01 6.07 -25.20	106.41 4.63 -39.50	128.63 8.61 0.00	126.30 8.06 -9.61	83.09 4.82 -18.24	197.10 9.34 -77.91	139.72 9.43 -22.81	99.06 6.59 -19.69	85.39 6.10 -15.84	128.50 8.72 -29.70	128.94 11.46 -0.37	251.33 20.96 -1.19	132.04 11.19 0.00	131.42 9.44 -23.92	154.54 8.25 -61.64	206.38 4.70 -152.31	260.29 7.09 -176.59	298.03 9.34 -190.16	322.14 6.48 -247.13	434.06 5.16 -373.67	148.48 3.82 -103.53	129.67 4.20 -78.12	72.95 4.64 -15.17
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	120.75 5.12 -55.83	112.88 6.64 -25.51	107.31 5.06 -39.98	129.49 9.48 0.00	127.11 8.77 -9.72	84.53 5.21 -19.29	206.75 10.17 -86.71	143.06 10.19 -25.39	101.77 7.08 -21.91	86.68 6.41 -16.82	127.99 9.12 -28.79	129.56 12.06 -0.40	252.59 22.08 -1.33	132.44 11.59 0.00	131.26 10.01 -23.18	153.76 8.77 -60.33	206.88 5.06 -152.44	259.21 7.78 -174.82	299.82 10.20 -191.08	323.09 7.07 -247.49	432.72 5.62 -371.87	153.92 4.19 -108.60	138.87 4.58 -86.94	75.06 5.04 -16.89
POLETTI___ 23519	119.47 4.87 -54.81	112.00 6.23 -25.04	106.24 4.72 -39.25	128.82 8.81 0.00	126.43 8.26 -9.54	83.10 4.96 -18.11	196.69 9.53 -77.29	139.96 9.84 -22.63	99.33 7.02 -19.53	85.61 6.45 -15.70	128.66 9.19 -29.39	129.58 12.10 -0.37	252.40 22.04 -1.18	132.65 11.80 0.00	131.50 9.77 -23.67	154.12 8.45 -61.01	205.00 4.80 -150.81	258.72 7.27 -174.83	296.35 9.51 -188.30	319.80 6.55 -244.71	430.40 5.20 -369.97	147.54 3.82 -102.60	129.05 4.19 -77.50	72.85 4.65 -15.05
POMONA___ESR 323819	116.34 4.02 -52.52	109.87 5.14 -23.99	103.83 3.95 -37.61	127.32 7.31 0.00	124.70 6.93 -9.15	81.57 4.25 -17.29	191.58 8.20 -73.52	137.10 8.09 -21.52	97.03 5.67 -18.58	83.53 5.25 -14.83	125.08 7.59 -27.41	127.36 9.89 -0.36	248.21 17.90 -1.13	130.45 9.60 0.00	128.30 8.16 -22.07	148.75 7.12 -56.97	194.68 4.04 -141.25	246.25 6.13 -163.50	283.04 8.03 -176.47	303.36 5.60 -229.23	405.98 4.51 -346.25	141.19 3.34 -96.73	124.70 3.63 -73.71	71.53 4.07 -14.32
PORT_JEFF_3 23555	121.31 6.69 -54.82	114.54 8.77 -25.04	108.06 6.53 -39.25	132.62 12.61 0.00	129.75 11.58 -9.55	85.03 6.89 -18.11	200.53 13.35 -77.32	148.97 13.86 -27.63	100.98 8.66 -19.54	86.56 7.41 -15.71	131.06 10.64 -30.33	130.80 13.32 -0.37	253.55 22.34 -2.03	136.28 14.43 -1.00	133.74 11.94 -23.73	157.18 11.05 -61.48	206.42 6.18 -150.86	260.46 8.96 -174.89	300.99 12.83 -189.63	322.52 9.19 -244.80	432.50 7.18 -370.10	149.03 5.26 -102.64	130.90 6.01 -77.53	74.64 6.43 -15.06

PORT_JEFF_4 23616	121.31 6.69 -54.82	114.54 8.77 -25.04	108.06 6.53 -39.25	132.62 12.61 0.00	129.75 11.58 -9.55	85.03 6.89 -18.11	200.53 13.35 -77.32	148.97 13.86 -27.63	100.98 8.66 -19.54	86.56 7.41 -15.71	131.06 10.64 -30.33	130.80 13.32 -0.37	253.55 22.34 -2.03	136.28 14.43 -1.00	133.74 11.94 -23.73	157.18 11.05 -61.48	206.42 6.18 -150.86	260.46 8.96 -174.89	300.99 12.83 -189.63	322.52 9.19 -244.80	432.50 7.18 -370.10	149.03 5.26 -102.64	130.90 6.01 -77.53	74.64 6.43 -15.06
PORT_JEFF_IC 23713	121.34 6.73 -54.82	114.60 8.82 -25.04	108.10 6.57 -39.25	132.70 12.69 0.00	129.83 11.66 -9.55	85.07 6.93 -18.11	200.60 13.42 -77.32	149.05 13.95 -27.61	100.99 8.67 -19.54	86.56 7.41 -15.71	131.12 10.65 -30.38	130.82 13.34 -0.37	253.57 22.34 -2.06	136.45 14.57 -1.03	133.82 12.02 -23.73	157.21 11.07 -61.49	206.45 6.21 -150.86	260.52 9.02 -174.89	301.11 12.94 -189.63	322.60 9.27 -244.80	432.53 7.21 -370.10	149.03 5.27 -102.64	130.98 6.09 -77.53	74.68 6.48 -15.06
PPL_PILGRIM_ST_GT1 24216	121.40 6.79 -54.82	114.72 8.94 -25.04	108.17 6.65 -39.25	132.87 12.86 0.00	129.94 11.77 -9.55	85.10 6.95 -18.11	200.74 13.56 -77.32	148.73 13.71 -27.54	101.30 8.98 -19.54	86.92 7.76 -15.71	131.93 11.22 -30.63	131.33 13.86 -0.37	254.87 23.51 -2.17	136.76 14.74 -1.17	134.09 12.29 -23.74	157.40 11.20 -61.55	206.50 6.26 -150.86	260.74 9.24 -174.89	301.27 13.10 -189.63	322.60 9.27 -244.80	432.61 7.29 -370.10	149.08 5.32 -102.64	130.89 6.01 -77.53	74.68 6.48 -15.06
PPL_PILGRIM_ST_GT2 24217	121.40 6.79 -54.82	114.72 8.94 -25.04	108.17 6.65 -39.25	132.87 12.86 0.00	129.94 11.77 -9.55	85.10 6.95 -18.11	200.74 13.56 -77.32	148.73 13.71 -27.54	101.30 8.98 -19.54	86.92 7.76 -15.71	131.93 11.22 -30.63	131.33 13.86 -0.37	254.87 23.51 -2.17	136.76 14.74 -1.17	134.09 12.29 -23.74	157.40 11.20 -61.55	206.50 6.26 -150.86	260.74 9.24 -174.89	301.27 13.10 -189.63	322.60 9.27 -244.80	432.61 7.29 -370.10	149.08 5.32 -102.64	130.89 6.01 -77.53	74.68 6.48 -15.06
PPL_SHRM_GT3 24213	121.59 6.97 -54.82	114.92 9.15 -25.04	108.40 6.87 -39.25	133.24 13.23 0.00	130.38 12.20 -9.55	85.48 7.34 -18.11	201.25 14.07 -77.32	149.87 14.76 -27.63	100.96 8.64 -19.54	86.43 7.27 -15.71	130.65 10.22 -30.35	130.04 12.56 -0.37	250.64 19.41 -2.04	135.81 13.95 -1.01	132.98 11.18 -23.73	157.63 11.49 -61.48	206.80 6.55 -150.86	260.74 9.24 -174.89	301.56 13.40 -189.63	322.99 9.66 -244.80	433.00 7.67 -370.10	149.57 5.80 -102.64	131.42 6.53 -77.53	75.05 6.85 -15.06
PPL_SHRM_GT4 24214	121.59 6.97 -54.82	114.92 9.15 -25.04	108.40 6.87 -39.25	133.24 13.23 0.00	130.38 12.20 -9.55	85.48 7.34 -18.11	201.25 14.07 -77.32	149.87 14.76 -27.63	100.96 8.64 -19.54	86.43 7.27 -15.71	130.65 10.22 -30.35	130.04 12.56 -0.37	250.64 19.41 -2.04	135.81 13.95 -1.01	132.98 11.18 -23.73	157.63 11.49 -61.48	206.80 6.55 -150.86	260.74 9.24 -174.89	301.56 13.40 -189.63	322.99 9.66 -244.80	433.00 7.67 -370.10	149.57 5.80 -102.64	131.42 6.53 -77.53	75.05 6.85 -15.06
PROJECT___ORANGE 1 24174	64.54 -0.67 -5.42	82.18 -1.03 -2.47	65.37 -0.78 -3.88	118.28 -1.73 0.00	108.09 -1.47 -0.94	60.45 -0.56 -0.98	108.90 -0.96 0.00	106.64 -0.84 0.00	72.37 -0.41 0.00	63.35 -0.24 -0.14	90.35 -0.45 -0.73	116.51 -0.60 0.00	227.52 -1.66 0.00	120.08 -0.77 0.00	98.17 -0.48 -0.58	85.70 -0.37 -1.41	52.11 -0.18 -2.91	80.07 -0.25 -3.70	101.75 -0.29 -3.50	72.94 -0.28 -4.70	62.42 -0.31 -7.50	42.01 -0.24 -1.13	46.85 -0.50 0.00	52.56 -0.58 0.00
PROJECT___ORANGE 2 24166	64.54 -0.67 -5.42	82.18 -1.03 -2.47	65.37 -0.78 -3.88	118.28 -1.73 0.00	108.09 -1.47 -0.94	60.45 -0.56 -0.98	108.90 -0.96 0.00	106.64 -0.84 0.00	72.37 -0.41 0.00	63.35 -0.24 -0.14	90.35 -0.45 -0.73	116.51 -0.60 0.00	227.52 -1.66 0.00	120.08 -0.77 0.00	98.17 -0.48 -0.58	85.70 -0.37 -1.41	52.11 -0.18 -2.91	80.07 -0.25 -3.70	101.75 -0.29 -3.50	72.94 -0.28 -4.70	62.42 -0.31 -7.50	42.01 -0.24 -1.13	46.85 -0.50 0.00	52.56 -0.58 0.00
PUCKETT___SOLAR 323809	79.56 1.00 -18.77	90.72 1.42 -8.57	76.93 1.22 -13.44	122.46 2.44 0.00	114.34 2.45 -3.27	68.34 1.77 -6.54	142.79 3.28 -29.65	119.15 2.99 -8.68	82.44 2.16 -7.49	69.87 2.03 -4.39	95.58 2.81 -2.70	120.71 3.46 -0.14	236.00 6.36 -0.45	124.66 3.81 0.00	103.76 3.52 -2.17	94.37 2.96 -6.75	74.47 1.66 -23.43	102.72 2.74 -23.36	133.16 3.76 -30.87	109.46 2.51 -38.42	110.43 1.83 -53.37	68.45 1.30 -26.02	78.34 1.26 -29.72	60.21 1.30 -5.77
PYRITES___HYD 24023	59.27 -0.52 0.00	80.53 -0.20 0.00	62.09 -0.18 0.00	120.03 0.01 0.00	107.80 -0.82 0.00	59.02 -1.01 0.00	107.53 -2.33 0.00	105.07 -2.41 0.00	70.95 -1.83 0.00	61.54 -1.91 0.00	87.69 -2.38 0.00	112.81 -4.30 0.00	223.05 -6.13 0.00	117.94 -2.91 0.00	94.93 -3.13 0.00	81.83 -2.82 0.00	48.11 -1.27 0.00	75.10 -1.51 0.00	96.39 -2.14 0.00	66.91 -1.62 0.00	53.88 -1.35 0.00	40.39 -0.73 0.00	47.25 -0.10 0.00	53.21 0.07 0.00
QUAKERRD_115KV_BK1 80622	63.88 -2.67 -6.76	80.15 -3.73 -3.14	64.39 -2.80 -4.92	114.11 -5.90 0.00	104.41 -5.40 -1.20	58.66 -2.62 -1.24	104.87 -4.99 0.00	102.68 -4.80 0.00	69.89 -2.90 0.00	61.12 -2.50 -0.18	87.19 -3.83 -0.94	110.46 -5.05 1.59	218.61 -10.57 0.00	115.53 -5.32 0.00	94.54 -4.28 -0.75	82.81 -3.66 -1.82	51.09 -2.05 -3.76	78.25 -3.14 -4.77	98.98 -4.08 -4.52	71.49 -3.10 -6.05	61.53 -2.51 -8.81	40.67 -1.84 -1.38	44.94 -2.23 0.18	50.80 -2.35 0.00
QUENSBRY_115KV_TB8 356137	134.91 4.66 -70.46	119.44 6.52 -32.19	117.83 5.10 -50.45	129.63 9.62 0.00	129.80 8.91 -12.27	131.18 4.96 -66.18	623.04 9.69 -503.49	264.72 9.82 -147.41	206.67 6.65 -127.23	135.67 5.70 -66.52	100.49 7.13 -3.28	127.90 9.39 -1.41	255.76 18.87 -7.71	131.21 10.36 0.00	109.47 8.77 -2.64	124.55 7.75 -32.14	281.32 4.71 -227.24	264.05 7.19 -180.25	427.18 9.31 -319.33	452.76 6.53 -377.70	527.86 5.09 -467.55	420.76 3.76 -375.88	556.09 3.91 -504.83	154.83 3.63 -98.06
RAMAPO___LBMP 323565	116.06 3.89 -52.37	109.63 4.98 -23.92	103.59 3.82 -37.50	127.08 7.07 0.00	124.46 6.71 -9.12	81.38 4.11 -17.24	191.03 7.92 -73.25	136.74 7.81 -21.45	96.77 5.48 -18.51	83.32 5.10 -14.77	124.70 7.34 -27.28	127.03 9.57 -0.36	247.56 17.26 -1.12	130.12 9.27 0.00	127.91 7.87 -21.97	148.24 6.88 -56.71	193.91 3.91 -140.62	245.30 5.93 -162.76	281.96 7.74 -175.69	302.14 5.41 -228.20	404.27 4.35 -344.69	140.70 3.23 -96.34	124.33 3.53 -73.45	71.34 3.93 -14.27
RANKINE____ 23646	65.20 -3.90 -9.30	79.70 -5.38 -4.35	65.26 -3.83 -6.82	112.10 -7.91 0.00	102.49 -7.80 -1.66	59.14 -3.81 -2.92	113.48 -7.71 -11.33	103.16 -7.64 -3.32	71.21 -4.44 -2.86	61.35 -3.84 -1.73	85.61 -5.79 -1.32	106.41 -7.40 3.29	214.08 -15.27 -0.17	113.45 -7.40 0.00	93.15 -5.97 -1.06	82.50 -5.29 -3.14	56.43 -3.05 -10.10	82.25 -4.75 -10.39	105.63 -6.09 -13.18	80.29 -4.77 -16.54	73.08 -3.75 -21.60	48.67 -2.69 -10.24	55.30 -3.05 -10.99	52.37 -2.99 -2.21
RAVENSWOOD_GT2_1 24244	119.54 4.94 -54.81	112.11 6.33 -25.04	106.32 4.80 -39.25	129.00 8.99 0.00	126.59 8.42 -9.54	83.20 5.06 -18.11	196.92 9.76 -77.30	140.10 9.99 -22.63	99.38 7.06 -19.54	85.64 6.49 -15.70	128.74 9.27 -29.39	129.66 12.18 -0.37	252.65 22.28 -1.18	132.79 11.94 0.00	131.75 10.01 -23.67	154.37 8.69 -61.02	205.15 4.94 -150.83	258.97 7.50 -174.85	296.69 9.83 -188.32	320.05 6.77 -244.74	430.63 5.39 -370.02	147.71 3.97 -102.61	129.23 4.37 -77.51	73.02 4.82 -15.05

RAVENSWOOD_GT2_2 24245	119.54 4.94 -54.81	112.11 6.33 -25.04	106.32 4.80 -39.25	129.00 8.99 0.00	126.59 8.42 -9.54	83.20 5.06 -18.11	196.92 9.76 -77.30	140.10 9.99 -22.63	99.38 7.06 -19.54	85.64 6.49 -15.70	128.74 9.27 -29.39	129.66 12.18 -0.37	252.65 22.28 -1.18	132.79 11.94 0.00	131.75 10.01 -23.67	154.37 8.69 -61.02	205.15 4.94 -150.83	258.97 7.50 -174.85	296.69 9.83 -188.32	320.05 6.77 -244.74	430.63 5.39 -370.02	147.71 3.97 -102.61	129.23 4.37 -77.51	73.02 4.82 -15.05
RAVENSWOOD_GT2_3 24246	119.57 4.97 -54.81	112.14 6.36 -25.04	106.36 4.84 -39.25	129.04 9.03 0.00	126.63 8.46 -9.54	83.22 5.08 -18.11	196.99 9.83 -77.30	140.17 10.05 -22.63	99.41 7.10 -19.54	85.67 6.52 -15.70	128.78 9.31 -29.39	129.73 12.25 -0.37	252.79 22.42 -1.18	132.88 12.03 0.00	131.78 10.05 -23.67	154.43 8.75 -61.02	205.18 4.97 -150.83	259.02 7.56 -174.85	296.75 9.89 -188.32	320.08 6.81 -244.74	430.65 5.41 -370.02	147.73 3.99 -102.61	129.24 4.38 -77.51	73.04 4.85 -15.05
RAVENSWOOD_GT2_4 24247	119.57 4.97 -54.81	112.14 6.36 -25.04	106.36 4.84 -39.25	129.04 9.03 0.00	126.63 8.46 -9.54	83.22 5.08 -18.11	196.99 9.83 -77.30	140.17 10.05 -22.63	99.41 7.10 -19.54	85.67 6.52 -15.70	128.78 9.31 -29.39	129.73 12.25 -0.37	252.79 22.42 -1.18	132.88 12.03 0.00	131.78 10.05 -23.67	154.43 8.75 -61.02	205.18 4.97 -150.83	259.02 7.56 -174.85	296.75 9.89 -188.32	320.08 6.81 -244.74	430.65 5.41 -370.02	147.73 3.99 -102.61	129.24 4.38 -77.51	73.04 4.85 -15.05
RAVENSWOOD_GT3_1 24248	119.55 4.95 -54.81	112.11 6.33 -25.04	106.32 4.80 -39.25	129.01 9.00 0.00	126.59 8.42 -9.54	83.20 5.06 -18.11	196.92 9.76 -77.30	140.10 9.99 -22.63	99.38 7.06 -19.54	85.64 6.49 -15.70	128.74 9.27 -29.39	129.66 12.18 -0.37	252.65 22.28 -1.18	132.80 11.95 0.00	131.75 10.01 -23.67	154.37 8.69 -61.02	205.15 4.94 -150.83	258.98 7.52 -174.85	296.69 9.83 -188.32	320.05 6.77 -244.74	430.64 5.40 -370.02	147.71 3.97 -102.61	129.23 4.37 -77.51	73.02 4.82 -15.05
RAVENSWOOD_GT3_2 24249	119.55 4.95 -54.81	112.11 6.33 -25.04	106.32 4.80 -39.25	129.01 9.00 0.00	126.59 8.42 -9.54	83.20 5.06 -18.11	196.92 9.76 -77.30	140.10 9.99 -22.63	99.38 7.06 -19.54	85.64 6.49 -15.70	128.74 9.27 -29.39	129.66 12.18 -0.37	252.65 22.28 -1.18	132.80 11.95 0.00	131.75 10.01 -23.67	154.37 8.69 -61.02	205.15 4.94 -150.83	258.98 7.52 -174.85	296.69 9.83 -188.32	320.05 6.77 -244.74	430.64 5.40 -370.02	147.71 3.97 -102.61	129.23 4.37 -77.51	73.02 4.82 -15.05
RAVENSWOOD_GT3_3 24250	119.63 5.02 -54.81	112.22 6.45 -25.04	106.42 4.90 -39.25	129.16 9.15 0.00	126.74 8.57 -9.54	83.29 5.14 -18.11	197.12 9.96 -77.30	140.30 10.18 -22.63	99.50 7.19 -19.54	85.75 6.60 -15.70	128.90 9.43 -29.39	129.87 12.39 -0.37	253.09 22.73 -1.18	133.03 12.17 0.00	131.91 10.17 -23.67	154.53 8.86 -61.02	205.24 5.03 -150.83	259.11 7.65 -174.85	296.86 10.00 -188.32	320.17 6.90 -244.74	430.72 5.48 -370.02	147.79 4.05 -102.61	129.31 4.45 -77.51	73.11 4.91 -15.05
RAVENSWOOD_GT3_4 24251	119.63 5.02 -54.81	112.22 6.45 -25.04	106.42 4.90 -39.25	129.16 9.15 0.00	126.74 8.57 -9.54	83.29 5.14 -18.11	197.12 9.96 -77.30	140.30 10.18 -22.63	99.50 7.19 -19.54	85.75 6.60 -15.70	128.90 9.43 -29.39	129.87 12.39 -0.37	253.09 22.73 -1.18	133.03 12.17 0.00	131.91 10.17 -23.67	154.53 8.86 -61.02	205.24 5.03 -150.83	259.11 7.65 -174.85	296.86 10.00 -188.32	320.17 6.90 -244.74	430.72 5.48 -370.02	147.79 4.05 -102.61	129.31 4.45 -77.51	73.11 4.91 -15.05
RAVENSWOOD_GT_1 23729	122.86 5.19 -57.87	118.50 6.67 -31.10	112.72 5.03 -45.42	132.86 9.46 -3.39	130.10 8.84 -12.63	94.02 5.31 -28.68	201.29 10.20 -81.23	154.09 10.57 -36.03	114.10 7.47 -33.85	99.77 6.84 -29.47	129.32 9.76 -29.49	130.35 12.87 -0.37	253.79 23.42 -1.19	133.37 12.52 0.00	134.73 10.52 -26.14	156.35 9.13 -62.57	205.43 5.18 -150.86	288.50 7.93 -203.95	322.61 10.34 -213.74	331.49 7.09 -255.86	431.26 5.64 -370.39	149.75 4.16 -104.46	129.75 4.56 -77.84	74.19 5.02 -16.03
RAVENSWOOD_GT_10 24258	119.89 4.93 -55.16	112.80 6.33 -25.74	107.02 4.79 -39.96	129.39 8.99 -0.39	126.92 8.40 -9.90	84.41 5.05 -19.33	197.36 9.75 -77.75	141.65 9.99 -24.18	101.01 7.04 -21.19	87.22 6.48 -17.29	128.74 9.26 -29.40	129.64 12.16 -0.37	252.63 22.27 -1.18	132.78 11.93 0.00	132.00 9.98 -23.96	154.55 8.69 -61.20	205.15 4.94 -150.83	262.31 7.49 -178.20	299.59 9.80 -191.26	321.32 6.76 -246.02	430.66 5.38 -370.06	147.92 3.97 -102.83	129.27 4.37 -77.55	73.13 4.82 -15.17
RAVENSWOOD_GT_11 24259	119.89 4.93 -55.16	112.80 6.33 -25.74	107.02 4.79 -39.96	129.39 8.99 -0.39	126.92 8.40 -9.90	84.41 5.05 -19.33	197.36 9.75 -77.75	141.65 9.99 -24.18	101.01 7.04 -21.19	87.22 6.48 -17.29	128.74 9.26 -29.40	129.64 12.16 -0.37	252.63 22.27 -1.18	132.78 11.93 0.00	132.00 9.98 -23.96	154.55 8.69 -61.20	205.15 4.94 -150.83	262.31 7.49 -178.20	299.59 9.80 -191.26	321.32 6.76 -246.02	430.66 5.38 -370.06	147.92 3.97 -102.83	129.27 4.37 -77.55	73.13 4.82 -15.17
RAVENSWOOD_GT_4 24252	121.84 4.90 -57.14	116.68 6.29 -29.65	111.00 4.78 -43.95	131.50 8.91 -2.58	128.87 8.35 -11.89	91.21 5.02 -26.16	199.86 9.70 -80.29	150.21 9.89 -32.83	110.22 7.00 -30.44	96.07 6.43 -26.18	128.74 9.20 -29.46	129.59 12.11 -0.37	252.55 22.18 -1.19	132.72 11.87 0.00	133.55 9.93 -25.55	155.50 8.65 -62.20	205.15 4.91 -150.86	281.08 7.45 -197.01	315.96 9.75 -207.67	328.46 6.73 -253.21	430.88 5.35 -370.30	149.09 3.94 -104.02	129.45 4.34 -77.76	73.73 4.79 -15.79
RAVENSWOOD_GT_5 24254	121.84 4.90 -57.14	116.68 6.29 -29.65	111.00 4.78 -43.95	131.50 8.91 -2.58	128.87 8.35 -11.89	91.21 5.02 -26.16	199.86 9.70 -80.29	150.21 9.89 -32.83	110.22 7.00 -30.44	96.07 6.43 -26.18	128.74 9.20 -29.46	129.59 12.11 -0.37	252.55 22.18 -1.19	132.72 11.87 0.00	133.55 9.93 -25.55	155.50 8.65 -62.20	205.15 4.91 -150.86	281.08 7.45 -197.01	315.96 9.75 -207.67	328.46 6.73 -253.21	430.88 5.35 -370.30	149.09 3.94 -104.02	129.45 4.34 -77.76	73.73 4.79 -15.79
RAVENSWOOD_GT_6 24253	121.84 4.90 -57.14	116.68 6.29 -29.65	111.00 4.78 -43.95	131.50 8.91 -2.58	128.87 8.35 -11.89	91.21 5.02 -26.16	199.86 9.70 -80.29	150.21 9.89 -32.83	110.22 7.00 -30.44	96.07 6.43 -26.18	128.74 9.20 -29.46	129.59 12.11 -0.37	252.55 22.18 -1.19	132.72 11.87 0.00	133.55 9.93 -25.55	155.50 8.65 -62.20	205.15 4.91 -150.86	281.08 7.45 -197.01	315.96 9.75 -207.67	328.46 6.73 -253.21	430.88 5.35 -370.30	149.09 3.94 -104.02	129.45 4.34 -77.76	73.73 4.79 -15.79
RAVENSWOOD_GT_7 24255	121.84 4.90 -57.14	116.68 6.29 -29.65	111.00 4.78 -43.95	131.50 8.91 -2.58	128.87 8.35 -11.89	91.21 5.02 -26.16	199.86 9.70 -80.29	150.21 9.89 -32.83	110.22 7.00 -30.44	96.07 6.43 -26.18	128.74 9.20 -29.46	129.59 12.11 -0.37	252.55 22.18 -1.19	132.72 11.87 0.00	133.55 9.93 -25.55	155.50 8.65 -62.20	205.15 4.91 -150.86	281.08 7.45 -197.01	315.96 9.75 -207.67	328.46 6.73 -253.21	430.88 5.35 -370.30	149.09 3.94 -104.02	129.45 4.34 -77.76	73.73 4.79 -15.79
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	119.89 4.93 -55.16	112.80 6.33 -25.74	107.02 4.79 -39.96	129.39 8.99 -0.39	126.92 8.40 -9.90	84.41 5.05 -19.33	197.36 9.75 -77.75	141.65 9.99 -24.18	101.01 7.04 -21.19	87.22 6.48 -17.29	128.74 9.26 -29.40	129.64 12.16 -0.37	252.63 22.27 -1.18	132.78 11.93 0.00	132.00 9.98 -23.96	154.55 8.69 -61.20	205.15 4.94 -150.83	262.31 7.49 -178.20	299.59 9.80 -191.26	321.32 6.76 -246.02	430.66 5.38 -370.06	147.92 3.97 -102.83	129.27 4.37 -77.55	73.13 4.82 -15.17

RAVENSWOOD_GT_9 24257	119.89 4.93 -55.16	112.80 6.33 -25.74	107.02 4.79 -39.96	129.39 8.99 -0.39	126.92 8.40 -9.90	84.41 5.05 -19.33	197.36 9.75 -77.75	141.65 9.99 -24.18	101.01 7.04 -21.19	87.22 6.48 -17.29	128.74 9.26 -29.40	129.64 12.16 -0.37	252.63 22.27 -1.18	132.78 11.93 0.00	132.00 9.98 -23.96	154.55 8.69 -61.20	205.15 4.94 -150.83	262.31 7.49 -178.20	299.59 9.80 -191.26	321.32 6.76 -246.02	430.66 5.38 -370.06	147.92 3.97 -102.83	129.27 4.37 -77.55	73.13 4.82 -15.17
RAVENSWOOD___1 23533	116.69 5.10 -51.80	106.36 6.56 -19.07	100.40 4.96 -33.17	125.97 9.30 3.34	123.85 8.72 -6.50	72.99 5.25 -7.70	193.35 10.06 -73.44	127.35 10.42 -9.44	85.57 7.36 -5.43	72.34 6.74 -2.15	128.97 9.59 -29.30	130.13 12.65 -0.37	253.48 23.11 -1.18	133.21 12.36 0.00	129.68 10.37 -21.24	153.16 9.01 -59.50	205.30 5.12 -150.80	230.63 7.82 -146.19	272.05 10.20 -163.30	309.33 7.00 -233.79	430.42 5.55 -369.64	146.02 4.10 -100.79	129.02 4.49 -77.18	72.21 4.97 -14.10
RAVENSWOOD___2 23534	116.69 5.10 -51.80	106.36 6.56 -19.07	100.40 4.96 -33.17	125.97 9.30 3.34	123.85 8.72 -6.50	72.99 5.25 -7.70	193.35 10.06 -73.44	127.35 10.42 -9.44	85.57 7.36 -5.43	72.34 6.74 -2.15	128.97 9.59 -29.30	130.13 12.65 -0.37	253.48 23.11 -1.18	133.21 12.36 0.00	129.68 10.37 -21.24	153.16 9.01 -59.50	205.30 5.12 -150.80	230.63 7.82 -146.19	272.05 10.20 -163.30	309.33 7.00 -233.79	430.42 5.55 -369.64	146.02 4.10 -100.79	129.02 4.49 -77.18	72.21 4.97 -14.10
RAVENSWOOD___3 23535	119.55 4.95 -54.81	112.12 6.34 -25.04	106.32 4.80 -39.25	129.01 9.00 0.00	126.60 8.44 -9.54	83.20 5.06 -18.11	196.92 9.76 -77.30	140.10 9.99 -22.63	99.38 7.07 -19.54	85.64 6.49 -15.70	128.75 9.28 -29.39	129.66 12.18 -0.37	252.71 22.34 -1.18	132.82 11.97 0.00	131.76 10.02 -23.67	154.38 8.70 -61.02	205.16 4.95 -150.83	259.00 7.53 -174.85	296.69 9.83 -188.32	320.05 6.78 -244.74	430.63 5.39 -370.02	147.71 3.97 -102.61	129.23 4.37 -77.51	73.02 4.83 -15.05
RAVENSWOOD___4 23820	116.69 5.10 -51.80	106.36 6.56 -19.07	100.40 4.96 -33.17	125.97 9.30 3.34	123.85 8.72 -6.50	72.99 5.25 -7.70	193.35 10.06 -73.44	127.35 10.42 -9.44	85.57 7.36 -5.43	72.34 6.74 -2.15	128.97 9.59 -29.30	130.13 12.65 -0.37	253.48 23.11 -1.18	133.21 12.36 0.00	129.68 10.37 -21.24	153.16 9.01 -59.50	205.30 5.12 -150.80	230.63 7.82 -146.19	272.05 10.20 -163.30	309.33 7.00 -233.79	430.42 5.55 -369.64	146.02 4.10 -100.79	129.02 4.49 -77.18	72.21 4.97 -14.10
RCPL_TRUST___DRP 24196	119.55 4.96 -54.80	112.12 6.35 -25.04	106.34 4.82 -39.24	129.01 9.00 0.00	126.61 8.45 -9.54	83.22 5.08 -18.11	196.98 9.83 -77.29	140.16 10.04 -22.63	99.43 7.12 -19.53	85.71 6.56 -15.70	128.87 9.41 -29.38	129.87 12.39 -0.37	253.04 22.68 -1.18	133.00 12.15 0.00	131.88 10.15 -23.67	154.51 8.86 -61.00	205.19 5.02 -150.79	259.03 7.61 -174.80	296.77 9.95 -188.28	320.06 6.85 -244.67	430.58 5.44 -369.91	147.71 4.00 -102.59	129.23 4.39 -77.49	73.03 4.84 -15.05
RED___ROCHESTER 323720	65.43 -1.31 -6.94	82.00 -1.96 -3.23	65.92 -1.41 -5.06	116.73 -3.29 0.00	106.78 -3.08 -1.23	60.02 -1.29 -1.28	107.22 -2.64 0.00	105.04 -2.45 0.00	71.62 -1.16 0.00	62.66 -0.98 -0.18	89.29 -1.75 -0.97	112.95 -2.37 1.79	223.95 -5.23 0.00	118.33 -2.52 0.00	96.79 -2.05 -0.78	84.81 -1.71 -1.87	52.38 -0.87 -3.87	80.27 -1.25 -4.91	101.50 -1.68 -4.65	73.30 -1.46 -6.23	63.04 -1.18 -8.99	41.70 -0.84 -1.41	46.03 -1.12 0.20	52.06 -1.09 0.00
REGAN___SOLAR 323812	139.53 4.27 -75.46	120.86 5.65 -34.47	120.58 4.28 -54.03	128.30 8.29 0.00	129.38 7.62 -13.14	130.93 4.54 -66.36	615.03 8.56 -496.61	261.54 8.65 -145.40	203.72 5.44 -125.50	132.00 3.15 -65.40	95.33 3.16 -2.09	124.81 6.32 -1.38	249.64 12.85 -7.60	126.25 5.40 0.00	104.59 4.84 -1.69	119.89 5.75 -29.48	272.96 4.04 -219.54	255.18 6.59 -171.98	416.57 8.57 -309.47	439.47 5.76 -365.17	509.12 4.51 -449.39	413.38 3.29 -368.97	548.81 3.53 -497.93	153.63 3.77 -96.72
RENSSELAER___COGEN 23796	130.55 2.74 -68.02	115.48 3.67 -31.07	113.84 2.87 -48.70	125.18 5.17 0.00	125.27 4.81 -11.84	103.79 2.60 -41.16	386.63 4.78 -271.99	191.42 4.31 -79.63	144.58 3.07 -68.73	103.03 3.14 -36.44	99.06 4.56 -4.42	124.03 6.05 -0.87	244.52 11.17 -4.16	126.40 5.55 0.00	105.98 4.35 -3.56	111.11 3.94 -22.51	184.83 2.03 -133.42	190.42 2.92 -110.89	287.75 3.93 -185.29	292.46 2.75 -221.18	337.45 2.27 -279.95	250.05 1.75 -207.17	322.24 2.17 -272.71	108.86 2.75 -52.97
REPUBLIC_115KV_BARTNBRK 55605	136.82 6.61 -70.42	122.57 9.67 -32.17	120.36 7.67 -50.42	134.56 14.55 0.00	134.21 13.32 -12.26	133.08 7.13 -65.92	624.97 14.05 -501.06	268.92 14.73 -146.70	209.40 10.00 -126.62	137.80 8.13 -66.22	103.05 9.61 -3.36	130.77 12.26 -1.40	262.32 25.47 -7.67	135.58 14.73 0.00	113.29 12.52 -2.71	128.13 11.31 -32.17	282.88 6.97 -226.53	267.22 10.72 -179.88	430.62 13.83 -318.26	454.77 9.73 -376.51	528.88 7.35 -466.30	421.09 5.75 -374.21	556.03 6.29 -502.39	156.82 6.09 -97.58
REVERE_CPPR_DRP 24186	65.31 2.67 -2.84	85.65 3.62 -1.30	67.12 2.82 -2.03	125.28 5.27 0.00	114.04 4.92 -0.49	63.38 2.83 -0.51	115.06 5.20 0.00	113.20 5.71 0.00	76.96 4.18 0.00	67.19 3.74 0.00	95.25 5.17 0.00	123.80 6.70 0.00	241.68 12.49 0.00	127.78 6.93 0.00	103.93 5.87 0.00	89.88 5.23 0.00	52.57 3.19 0.00	81.50 4.88 0.00	104.84 6.31 0.00	72.69 4.16 0.00	58.31 3.09 0.00	43.30 2.17 0.00	49.64 2.29 0.00	55.58 2.43 0.00
REYNOLDS_115KV_TB3 80639	130.91 2.96 -68.15	115.91 4.04 -31.13	114.22 3.15 -48.80	125.75 5.74 0.00	125.82 5.33 -11.87	108.29 2.92 -45.34	427.05 6.09 -311.09	204.01 5.45 -91.08	155.29 3.90 -78.62	109.31 3.91 -41.94	102.18 5.66 -6.44	125.64 7.57 -0.96	247.89 13.95 -4.76	127.84 6.99 0.00	108.94 5.69 -5.19	118.12 5.03 -28.44	210.27 2.73 -158.16	214.39 3.91 -133.87	322.35 5.22 -218.60	334.16 3.70 -261.92	392.73 3.03 -334.48	282.59 2.36 -239.11	362.04 2.77 -311.92	117.04 3.32 -60.59
RIVERBAY____ 323610	119.91 5.30 -54.81	112.57 6.80 -25.04	106.66 5.13 -39.25	129.72 9.71 0.00	127.29 9.13 -9.54	83.66 5.52 -18.11	197.89 10.72 -77.30	141.21 11.10 -22.63	99.91 7.59 -19.54	86.05 6.89 -15.70	128.93 9.46 -29.39	130.09 12.61 -0.37	253.67 23.31 -1.18	133.19 12.34 0.00	132.07 10.33 -23.67	154.82 9.14 -61.02	205.43 5.22 -150.83	259.41 7.95 -174.85	297.14 10.28 -188.32	320.38 7.11 -244.74	430.87 5.63 -370.02	147.95 4.21 -102.61	129.55 4.69 -77.51	73.30 5.10 -15.05
RIVERSDE_115KV_TB3 55908	131.02 2.91 -68.31	115.88 3.95 -31.21	114.24 3.06 -48.91	125.55 5.54 0.00	125.70 5.19 -11.90	108.18 2.82 -45.32	426.09 5.58 -310.65	203.48 5.04 -90.95	154.89 3.61 -78.50	108.77 3.64 -41.68	100.71 5.28 -5.35	125.04 6.98 -0.96	246.83 12.89 -4.76	127.31 6.47 0.00	107.53 5.16 -4.31	115.57 4.63 -26.29	205.42 2.45 -153.59	208.31 3.53 -128.17	316.34 4.73 -213.07	326.40 3.31 -254.55	380.78 2.72 -322.83	280.31 2.10 -237.09	361.35 2.53 -311.48	116.72 3.08 -60.50
ROARING___BROOK_WT_PWR 323790	59.20 -0.59 0.00	79.99 -0.75 0.00	61.26 -1.02 0.00	118.37 -1.64 0.00	107.22 -1.40 0.00	58.85 -1.18 0.00	107.56 -2.30 0.00	105.43 -2.06 0.00	71.53 -1.25 0.00	62.35 -1.10 0.00	88.61 -1.47 0.00	115.25 -1.86 0.00	226.28 -2.90 0.00	119.45 -1.40 0.00	96.88 -1.19 0.00	83.69 -0.97 0.00	48.86 -0.52 0.00	75.87 -0.75 0.00	97.47 -1.06 0.00	67.59 -0.95 0.00	54.48 -0.75 0.00	40.51 -0.61 0.00	46.79 -0.57 0.00	52.55 -0.59 0.00

ROCHESRG_115KV_T4 355643	64.65 -2.03 -6.89	81.03 -2.91 -3.20	65.18 -2.11 -5.02	115.38 -4.63 0.00	105.50 -4.35 -1.22	59.27 -2.03 -1.27	105.77 -4.09 0.00	103.53 -3.95 0.00	70.54 -2.24 0.00	61.71 -1.93 -0.18	87.95 -3.08 -0.96	111.33 -4.01 1.76	220.65 -8.53 0.00	116.59 -4.26 0.00	95.37 -3.47 -0.77	83.56 -2.95 -1.86	51.55 -1.66 -3.83	78.96 -2.52 -4.87	99.88 -3.26 -4.61	72.14 -2.57 -6.18	62.11 -2.04 -8.92	41.07 -1.46 -1.40	45.39 -1.77 0.20	51.39 -1.76 0.00
ROCHESTER_9_IC 23652	65.10 -1.64 -6.94	81.56 -2.40 -3.23	65.61 -1.72 -5.06	116.12 -3.90 0.00	106.19 -3.66 -1.23	59.68 -1.64 -1.28	106.55 -3.31 0.00	104.34 -3.14 0.00	71.12 -1.66 0.00	62.21 -1.43 -0.18	88.66 -2.39 -0.97	112.19 -3.12 1.79	222.44 -6.75 0.00	117.53 -3.32 0.00	96.11 -2.73 -0.78	84.21 -2.32 -1.87	51.97 -1.27 -3.87	79.63 -1.90 -4.91	100.71 -2.48 -4.65	72.72 -2.04 -6.23	62.60 -1.61 -8.99	41.37 -1.17 -1.41	45.71 -1.45 0.20	51.73 -1.41 0.00
ROCKVIEW_13_KV_LD 356306	119.60 5.00 -54.81	112.22 6.44 -25.04	106.43 4.91 -39.25	129.15 9.14 0.00	126.73 8.56 -9.54	83.26 5.12 -18.11	197.07 9.92 -77.30	140.14 10.02 -22.63	99.34 7.03 -19.53	85.60 6.45 -15.70	128.73 9.27 -29.39	129.64 12.16 -0.37	252.65 22.29 -1.18	132.78 11.93 0.00	131.77 10.04 -23.67	154.44 8.77 -61.01	205.18 4.98 -150.82	259.03 7.58 -174.83	296.80 9.95 -188.31	320.15 6.90 -244.72	430.69 5.48 -369.98	147.79 4.06 -102.61	129.31 4.45 -77.50	73.11 4.92 -15.05
ROME____115KV_TB2 80656	65.31 2.67 -2.84	85.65 3.62 -1.30	67.12 2.82 -2.03	125.28 5.27 0.00	114.04 4.92 -0.49	63.38 2.83 -0.51	115.06 5.20 0.00	113.20 5.71 0.00	76.96 4.18 0.00	67.19 3.74 0.00	95.25 5.17 0.00	123.80 6.70 0.00	241.68 12.49 0.00	127.78 6.93 0.00	103.93 5.87 0.00	89.88 5.23 0.00	52.57 3.19 0.00	81.50 4.88 0.00	104.84 6.31 0.00	72.69 4.16 0.00	58.31 3.09 0.00	43.30 2.17 0.00	49.64 2.29 0.00	55.58 2.43 0.00
ROSETON___1 23587	118.02 4.10 -54.13	110.74 5.28 -24.73	105.08 4.05 -38.76	127.51 7.50 0.00	125.07 7.02 -9.43	82.11 4.21 -17.87	194.19 8.15 -76.18	137.87 8.08 -22.31	97.72 5.69 -19.25	84.16 5.26 -15.44	126.46 7.59 -28.80	127.44 9.97 -0.37	248.48 18.13 -1.17	130.48 9.63 0.00	129.43 8.17 -23.19	151.62 7.16 -59.81	201.41 4.07 -147.96	254.20 6.14 -171.45	291.39 8.07 -184.78	314.24 5.61 -240.10	422.61 4.49 -362.90	145.35 3.36 -100.86	127.41 3.67 -76.38	72.06 4.08 -14.84
ROSETON___2 23588	118.02 4.10 -54.13	110.74 5.28 -24.73	105.08 4.05 -38.76	127.51 7.50 0.00	125.07 7.02 -9.43	82.11 4.21 -17.87	194.19 8.15 -76.18	137.87 8.08 -22.31	97.72 5.69 -19.25	84.16 5.26 -15.44	126.46 7.59 -28.80	127.44 9.97 -0.37	248.48 18.13 -1.17	130.48 9.63 0.00	129.43 8.17 -23.19	151.62 7.16 -59.81	201.41 4.07 -147.96	254.20 6.14 -171.45	291.39 8.07 -184.78	314.24 5.61 -240.10	422.61 4.49 -362.90	145.35 3.36 -100.86	127.41 3.67 -76.38	72.06 4.08 -14.84
ROTRDAM_115KV_TB3 80664	133.57 2.52 -71.25	116.67 3.39 -32.55	115.89 2.61 -51.02	124.84 4.83 0.00	125.53 4.50 -12.41	133.26 2.58 -70.65	658.64 4.60 -544.18	271.25 4.44 -159.33	213.33 3.02 -137.52	137.72 2.68 -71.59	95.52 3.54 -1.90	123.58 4.97 -1.50	246.79 9.28 -8.33	125.68 4.83 0.00	103.69 4.09 -1.53	119.92 3.72 -31.54	290.59 2.22 -238.99	266.42 3.36 -186.45	440.19 4.44 -337.21	469.21 3.07 -397.61	546.02 2.42 -488.37	446.66 1.83 -403.70	594.96 1.98 -545.63	161.26 2.13 -105.98
RUSSELL___1 23602	65.43 -1.31 -6.94	82.01 -1.96 -3.23	65.93 -1.41 -5.06	116.73 -3.29 0.00	106.76 -3.09 -1.23	60.01 -1.30 -1.28	107.21 -2.65 0.00	105.04 -2.45 0.00	71.60 -1.18 0.00	62.61 -1.02 -0.18	89.24 -1.80 -0.97	112.96 -2.36 1.79	223.95 -5.23 0.00	118.33 -2.52 0.00	96.76 -2.08 -0.78	84.79 -1.74 -1.87	52.31 -0.94 -3.87	80.18 -1.35 -4.91	101.42 -1.77 -4.65	73.23 -1.53 -6.23	63.00 -1.22 -8.99	41.65 -0.89 -1.41	46.00 -1.15 0.20	52.05 -1.09 0.00
RUSSELL___2 23532	65.43 -1.31 -6.94	82.01 -1.96 -3.23	65.93 -1.41 -5.06	116.73 -3.29 0.00	106.76 -3.09 -1.23	60.01 -1.30 -1.28	107.21 -2.65 0.00	105.04 -2.45 0.00	71.60 -1.18 0.00	62.61 -1.02 -0.18	89.24 -1.80 -0.97	112.96 -2.36 1.79	223.95 -5.23 0.00	118.33 -2.52 0.00	96.76 -2.08 -0.78	84.79 -1.74 -1.87	52.31 -0.94 -3.87	80.18 -1.35 -4.91	101.42 -1.77 -4.65	73.23 -1.53 -6.23	63.00 -1.22 -8.99	41.65 -0.89 -1.41	46.00 -1.15 0.20	52.05 -1.09 0.00
RUSSELL___3 23549	65.43 -1.31 -6.94	82.01 -1.96 -3.23	65.93 -1.41 -5.06	116.73 -3.29 0.00	106.76 -3.09 -1.23	60.01 -1.30 -1.28	107.21 -2.65 0.00	105.04 -2.45 0.00	71.60 -1.18 0.00	62.61 -1.02 -0.18	89.24 -1.80 -0.97	112.96 -2.36 1.79	223.95 -5.23 0.00	118.33 -2.52 0.00	96.76 -2.08 -0.78	84.79 -1.74 -1.87	52.31 -0.94 -3.87	80.18 -1.35 -4.91	101.42 -1.77 -4.65	73.23 -1.53 -6.23	63.00 -1.22 -8.99	41.65 -0.89 -1.41	46.00 -1.15 0.20	52.05 -1.09 0.00
RUSSELL___4 23556	65.43 -1.31 -6.94	82.01 -1.96 -3.23	65.93 -1.41 -5.06	116.73 -3.29 0.00	106.76 -3.09 -1.23	60.01 -1.30 -1.28	107.21 -2.65 0.00	105.04 -2.45 0.00	71.60 -1.18 0.00	62.61 -1.02 -0.18	89.24 -1.80 -0.97	112.96 -2.36 1.79	223.95 -5.23 0.00	118.33 -2.52 0.00	96.76 -2.08 -0.78	84.79 -1.74 -1.87	52.31 -0.94 -3.87	80.18 -1.35 -4.91	101.42 -1.77 -4.65	73.23 -1.53 -6.23	63.00 -1.22 -8.99	41.65 -0.89 -1.41	46.00 -1.15 0.20	52.05 -1.09 0.00
RUSSELL___STATION 23914	65.43 -1.31 -6.94	82.01 -1.96 -3.23	65.93 -1.41 -5.06	116.73 -3.29 0.00	106.76 -3.09 -1.23	60.01 -1.30 -1.28	107.21 -2.65 0.00	105.04 -2.45 0.00	71.60 -1.18 0.00	62.61 -1.02 -0.18	89.24 -1.80 -0.97	112.96 -2.36 1.79	223.95 -5.23 0.00	118.33 -2.52 0.00	96.76 -2.08 -0.78	84.79 -1.74 -1.87	52.31 -0.94 -3.87	80.18 -1.35 -4.91	101.42 -1.77 -4.65	73.23 -1.53 -6.23	63.00 -1.22 -8.99	41.65 -0.89 -1.41	46.00 -1.15 0.20	52.05 -1.09 0.00
S SALMON___HYD 24043	62.89 -1.00 -4.10	81.20 -1.41 -1.87	64.07 -1.14 -2.94	117.33 -2.68 0.00	106.99 -2.34 -0.71	59.49 -1.28 -0.74	107.35 -2.51 0.00	105.29 -2.19 0.00	71.65 -1.13 0.00	62.63 -0.82 0.00	88.78 -1.30 0.00	115.33 -1.78 0.00	225.47 -3.71 0.00	119.40 -1.45 0.00	97.00 -1.07 0.00	83.66 -0.99 0.00	48.97 -0.41 0.00	76.15 -0.46 0.00	97.83 -0.71 0.00	67.89 -0.64 0.00	54.50 -0.72 0.00	40.56 -0.56 0.00	46.51 -0.84 0.00	52.11 -1.03 0.00
S.PERRY__115KV_TB1 80734	68.82 -0.61 -9.63	84.28 -1.00 -4.54	69.12 -0.28 -7.12	119.25 -0.76 0.00	109.26 -1.10 -1.73	63.00 -0.10 -3.06	119.66 -2.11 -11.91	107.89 -3.08 -3.49	74.55 -1.24 -3.01	64.00 -1.27 -1.82	87.92 -3.53 -1.38	108.08 -4.38 4.65	220.04 -9.32 -0.18	116.58 -4.27 0.00	96.28 -2.89 -1.11	86.01 -1.93 -3.28	59.48 -0.50 -10.59	86.97 -0.54 -10.89	111.41 -0.94 -13.82	84.97 -0.90 -17.34	78.33 1.09 -22.01	52.10 0.28 -10.69	58.76 -0.01 -11.42	55.63 0.17 -2.32
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	64.54 -4.17 -8.91	79.14 -5.77 -4.17	64.64 -4.17 -6.53	111.37 -8.64 0.00	101.87 -8.34 -1.59	57.51 -4.17 -1.65	101.41 -8.45 0.00	99.01 -8.47 0.00	67.75 -5.03 0.00	59.33 -4.36 -0.24	84.74 -6.60 -1.26	105.64 -8.42 3.05	211.71 -17.47 0.00	112.22 -8.63 0.00	92.03 -7.05 -1.01	80.92 -6.17 -2.45	50.84 -3.59 -5.05	77.45 -5.58 -6.42	97.46 -7.15 -6.07	71.18 -5.49 -8.14	62.31 -4.29 -11.37	39.89 -3.05 -1.82	43.59 -3.42 0.34	49.79 -3.35 0.00

SAWYER___23_KV_LOAD 55526	64.54 -4.17 -8.91	79.14 -5.77 -4.17	64.64 -4.17 -6.53	111.37 -8.64 0.00	101.87 -8.34 -1.59	57.51 -4.17 -1.65	101.41 -8.45 0.00	99.01 -8.47 0.00	67.75 -5.03 0.00	59.33 -4.36 -0.24	84.74 -6.60 -1.26	105.64 -8.42 3.05	211.71 -17.47 0.00	112.22 -8.63 0.00	92.03 -7.05 -1.01	80.92 -6.17 -2.45	50.84 -3.59 -5.05	77.45 -5.58 -6.42	97.46 -7.15 -6.07	71.18 -5.49 -8.14	62.31 -4.29 -11.37	39.89 -3.05 -1.82	43.59 -3.42 0.34	49.79 -3.35 0.00
SELKIRK___I 23801	129.45 2.71 -66.95	114.97 3.65 -30.58	113.07 2.86 -47.94	125.24 5.23 0.00	125.08 4.80 -11.66	94.94 2.64 -32.27	304.22 4.30 -190.06	167.03 3.90 -55.65	123.43 2.62 -48.03	91.33 2.50 -25.38	96.11 3.39 -2.64	122.72 4.94 -0.68	241.81 9.72 -2.91	125.54 4.69 0.00	103.87 3.68 -2.13	102.99 3.47 -14.86	142.69 1.89 -91.42	154.52 2.71 -75.20	229.49 3.64 -127.32	222.70 2.52 -151.66	248.28 2.06 -190.99	186.81 1.61 -144.07	239.82 1.91 -190.56	92.52 2.36 -37.01
SELKIRK___II 23799	130.06 2.58 -67.69	115.12 3.46 -30.92	113.43 2.68 -48.47	124.93 4.92 0.00	124.98 4.57 -11.79	96.45 2.52 -33.90	318.26 4.28 -204.13	171.15 3.91 -59.77	127.12 2.76 -51.58	93.26 2.76 -27.05	95.80 3.96 -1.76	123.18 5.36 -0.71	242.22 9.91 -3.13	125.81 4.96 0.00	103.46 3.98 -1.42	102.12 3.60 -13.86	145.15 1.91 -93.86	154.63 2.75 -75.26	233.79 3.72 -131.53	227.01 2.58 -155.90	251.33 2.11 -193.99	195.81 1.63 -153.06	253.94 1.92 -204.67	95.26 2.36 -39.75
SENECA OSWGO___HYD 24041	62.50 -1.67 -4.38	80.36 -2.37 -2.00	63.57 -1.84 -3.14	116.29 -3.72 0.00	106.10 -3.28 -0.76	59.21 -1.61 -0.79	106.99 -2.87 0.00	104.75 -2.73 0.00	71.04 -1.74 0.00	62.01 -1.44 0.00	87.98 -2.09 0.00	114.40 -2.71 0.00	223.55 -5.63 0.00	117.91 -2.94 0.00	95.77 -2.29 0.00	82.73 -1.93 0.00	48.32 -1.06 0.00	75.06 -1.55 0.00	96.19 -2.34 0.00	67.01 -1.52 0.00	53.98 -1.25 0.00	40.19 -0.94 0.00	46.08 -1.27 0.00	51.67 -1.47 0.00
SENECA___115KV_TB3 355854	65.29 -3.80 -9.30	79.83 -5.25 -4.35	65.37 -3.72 -6.82	112.31 -7.71 0.00	102.68 -7.60 -1.66	59.26 -3.70 -2.92	113.69 -7.50 -11.33	103.37 -7.43 -3.32	71.36 -4.28 -2.86	61.48 -3.70 -1.73	85.80 -5.60 -1.32	106.69 -7.12 3.29	214.61 -14.75 -0.17	113.74 -7.11 0.00	93.37 -5.76 -1.06	82.68 -5.11 -3.14	56.54 -2.95 -10.10	82.41 -4.59 -10.39	105.83 -5.89 -13.18	80.43 -4.64 -16.54	73.18 -3.64 -21.60	48.75 -2.61 -10.24	55.38 -2.96 -10.99	52.47 -2.89 -2.21
SENECA___ENERGY 23797	67.03 -0.60 -7.84	83.41 -0.90 -3.58	67.21 -0.68 -5.61	118.18 -1.83 0.00	108.33 -1.66 -1.37	61.12 -0.33 -1.42	109.40 -0.46 0.00	107.13 -0.35 0.00	72.82 0.04 0.00	63.73 0.07 -0.20	90.80 -0.35 -1.08	116.24 -0.92 -0.05	226.38 -2.80 0.00	119.90 -0.95 0.00	98.58 -0.35 -0.87	86.57 -0.17 -2.09	53.68 -0.01 -4.31	82.22 0.13 -5.48	103.94 0.21 -5.18	75.42 -0.06 -6.95	66.15 -0.17 -11.10	42.63 -0.16 -1.67	46.88 -0.47 0.00	52.61 -0.53 0.00
SHOEMAKER___GT 23640	113.18 3.62 -49.77	108.13 4.66 -22.73	101.50 3.59 -35.63	126.63 6.62 0.00	123.53 6.25 -8.67	80.15 3.81 -16.31	186.05 7.27 -68.92	134.86 7.20 -20.18	95.22 5.02 -17.42	81.73 4.50 -13.78	121.77 6.66 -25.03	126.20 8.75 -0.34	245.94 15.70 -1.06	129.30 8.45 0.00	125.51 7.29 -20.16	143.16 6.39 -52.12	182.75 3.62 -129.75	232.02 5.51 -149.89	268.01 7.24 -162.23	284.14 5.02 -210.59	376.99 4.02 -317.74	133.77 2.99 -89.66	119.71 3.26 -69.11	70.16 3.60 -13.42
SHOEMAKR_138KV_BK 111 55601	112.78 3.55 -49.43	107.88 4.57 -22.58	101.20 3.53 -35.40	126.52 6.50 0.00	123.37 6.13 -8.61	79.97 3.75 -16.19	185.36 7.16 -68.34	134.58 7.08 -20.01	95.00 4.95 -17.27	81.59 4.49 -13.65	121.42 6.59 -24.75	126.08 8.64 -0.33	245.73 15.51 -1.05	129.20 8.35 0.00	125.17 7.17 -19.93	142.48 6.28 -51.55	181.33 3.57 -128.39	230.32 5.42 -148.28	266.20 7.13 -160.54	281.84 4.93 -208.38	373.54 3.95 -314.36	132.87 2.95 -88.79	119.07 3.20 -68.52	69.99 3.55 -13.31
SHOREHAM_IC_1 23715	121.59 6.97 -54.82	114.92 9.15 -25.04	108.40 6.87 -39.25	133.24 13.23 0.00	130.38 12.20 -9.55	85.48 7.34 -18.11	201.25 14.07 -77.32	149.87 14.76 -27.63	100.96 8.64 -19.54	86.43 7.27 -15.71	130.65 10.22 -30.35	130.04 12.56 -0.37	250.64 19.41 -2.04	135.81 13.95 -1.01	132.98 11.18 -23.73	157.63 11.49 -61.48	206.80 6.55 -150.86	260.74 9.24 -174.89	301.56 13.40 -189.63	322.99 9.66 -244.80	433.00 7.67 -370.10	149.57 5.80 -102.64	131.42 6.53 -77.53	75.05 6.85 -15.06
SHOREHAM_IC_2 23716	121.59 6.97 -54.82	114.92 9.15 -25.04	108.40 6.87 -39.25	133.24 13.23 0.00	130.38 12.20 -9.55	85.48 7.34 -18.11	201.25 14.07 -77.32	149.87 14.76 -27.63	100.96 8.64 -19.54	86.43 7.27 -15.71	130.65 10.22 -30.35	130.04 12.56 -0.37	250.64 19.41 -2.04	135.81 13.95 -1.01	132.98 11.18 -23.73	157.63 11.49 -61.48	206.80 6.55 -150.86	260.74 9.24 -174.89	301.56 13.40 -189.63	322.99 9.66 -244.80	433.00 7.67 -370.10	149.57 5.80 -102.64	131.42 6.53 -77.53	75.05 6.85 -15.06
SISSONVILLE____ 23735	58.41 -1.38 0.00	79.38 -1.35 0.00	61.22 -1.05 0.00	118.22 -1.80 0.00	106.13 -2.49 0.00	57.96 -2.07 0.00	105.05 -4.81 0.00	102.59 -4.89 0.00	69.39 -3.39 0.00	60.31 -3.14 0.00	86.34 -3.74 0.00	111.54 -5.57 0.00	221.04 -8.14 0.00	116.73 -4.12 0.00	93.85 -4.21 0.00	80.53 -4.12 0.00	47.21 -2.17 0.00	73.52 -3.09 0.00	94.36 -4.18 0.00	65.46 -3.07 0.00	52.69 -2.53 0.00	39.67 -1.45 0.00	46.49 -0.87 0.00	52.39 -0.76 0.00
SITHE_IND_GS1 24169	60.78 -2.21 -3.20	79.14 -3.06 -1.46	62.21 -2.35 -2.29	115.32 -4.70 0.00	104.97 -4.21 -0.56	58.43 -2.18 -0.58	105.88 -3.99 0.00	103.61 -3.87 0.00	70.23 -2.55 0.00	61.28 -2.17 0.00	86.92 -3.17 0.00	113.00 -4.10 0.00	220.89 -8.29 0.00	116.52 -4.33 0.00	94.64 -3.42 0.00	81.71 -2.94 0.00	47.76 -1.62 0.00	74.14 -2.48 0.00	95.27 -3.27 0.00	66.24 -2.30 0.00	53.34 -1.88 0.00	39.76 -1.36 0.00	45.64 -1.72 0.00	51.19 -1.96 0.00
SITHE_IND_GS2 24170	60.78 -2.21 -3.20	79.14 -3.06 -1.46	62.21 -2.35 -2.29	115.32 -4.70 0.00	104.97 -4.21 -0.56	58.43 -2.18 -0.58	105.88 -3.99 0.00	103.61 -3.87 0.00	70.23 -2.55 0.00	61.28 -2.17 0.00	86.92 -3.17 0.00	113.00 -4.10 0.00	220.89 -8.29 0.00	116.52 -4.33 0.00	94.64 -3.42 0.00	81.71 -2.94 0.00	47.76 -1.62 0.00	74.14 -2.48 0.00	95.27 -3.27 0.00	66.24 -2.30 0.00	53.34 -1.88 0.00	39.76 -1.36 0.00	45.64 -1.72 0.00	51.19 -1.96 0.00
SITHE_IND_GS3 24171	60.78 -2.21 -3.20	79.14 -3.06 -1.46	62.21 -2.35 -2.29	115.32 -4.70 0.00	104.97 -4.21 -0.56	58.43 -2.18 -0.58	105.88 -3.99 0.00	103.61 -3.87 0.00	70.23 -2.55 0.00	61.28 -2.17 0.00	86.92 -3.17 0.00	113.00 -4.10 0.00	220.89 -8.29 0.00	116.52 -4.33 0.00	94.64 -3.42 0.00	81.71 -2.94 0.00	47.76 -1.62 0.00	74.14 -2.48 0.00	95.27 -3.27 0.00	66.24 -2.30 0.00	53.34 -1.88 0.00	39.76 -1.36 0.00	45.64 -1.72 0.00	51.19 -1.96 0.00
SITHE_IND_GS4 24172	60.78 -2.21 -3.20	79.14 -3.06 -1.46	62.21 -2.35 -2.29	115.32 -4.70 0.00	104.97 -4.21 -0.56	58.43 -2.18 -0.58	105.88 -3.99 0.00	103.61 -3.87 0.00	70.23 -2.55 0.00	61.28 -2.17 0.00	86.92 -3.17 0.00	113.00 -4.10 0.00	220.89 -8.29 0.00	116.52 -4.33 0.00	94.64 -3.42 0.00	81.71 -2.94 0.00	47.76 -1.62 0.00	74.14 -2.48 0.00	95.27 -3.27 0.00	66.24 -2.30 0.00	53.34 -1.88 0.00	39.76 -1.36 0.00	45.64 -1.72 0.00	51.19 -1.96 0.00

SITHE___BATAVIA 24024	65.74 -1.98 -7.92	81.49 -2.94 -3.70	65.97 -2.09 -5.79	115.47 -4.54 0.00	105.53 -4.50 -1.41	59.57 -1.92 -1.46	105.91 -3.95 0.00	103.76 -3.72 0.00	70.91 -1.87 0.00	61.96 -1.70 -0.21	88.26 -2.92 -1.11	110.88 -3.83 2.40	220.48 -8.70 0.00	116.60 -4.24 0.00	95.44 -3.52 -0.89	83.92 -2.89 -2.16	52.34 -1.49 -4.46	80.08 -2.19 -5.66	101.00 -2.90 -5.36	73.23 -2.49 -7.18	63.43 -1.97 -10.18	41.34 -1.40 -1.61	45.41 -1.68 0.27	51.55 -1.59 0.00
SITHE___INDEPEND 23800	60.78 -2.21 -3.20	79.15 -3.05 -1.46	62.21 -2.35 -2.29	115.32 -4.70 0.00	104.97 -4.21 -0.56	58.44 -2.17 -0.58	105.87 -3.99 0.00	103.61 -3.87 0.00	70.23 -2.55 0.00	61.28 -2.17 0.00	86.92 -3.16 0.00	113.01 -4.10 0.00	220.88 -8.30 0.00	116.52 -4.33 0.00	94.64 -3.42 0.00	81.71 -2.94 0.00	47.77 -1.61 0.00	74.13 -2.49 0.00	95.27 -3.27 0.00	66.23 -2.30 0.00	53.34 -1.89 0.00	39.76 -1.36 0.00	45.63 -1.72 0.00	51.19 -1.96 0.00
SITHE___MASSENA 23902	58.52 -1.28 0.00	79.45 -1.28 0.00	61.25 -1.02 0.00	118.41 -1.61 0.00	106.73 -1.89 0.00	58.65 -1.38 0.00	107.38 -2.49 0.00	104.79 -2.69 0.00	70.73 -2.05 0.00	61.41 -2.05 0.00	87.45 -2.63 0.00	113.20 -3.91 0.00	224.17 -5.01 0.00	118.28 -2.57 0.00	95.15 -2.92 0.00	82.01 -2.65 0.00	47.97 -1.41 0.00	74.60 -2.01 0.00	95.76 -2.78 0.00	66.57 -1.96 0.00	53.66 -1.57 0.00	40.03 -1.10 0.00	46.62 -0.74 0.00	52.40 -0.74 0.00
SITHE___OGDNSBRG 24021	59.22 -0.57 0.00	80.47 -0.26 0.00	62.06 -0.21 0.00	119.98 -0.04 0.00	107.89 -0.73 0.00	59.18 -0.85 0.00	108.15 -1.71 0.00	105.62 -1.86 0.00	71.26 -1.52 0.00	61.76 -1.69 0.00	87.90 -2.17 0.00	113.24 -3.87 0.00	223.81 -5.37 0.00	118.13 -2.72 0.00	95.12 -2.94 0.00	82.14 -2.51 0.00	48.27 -1.11 0.00	75.35 -1.26 0.00	96.70 -1.84 0.00	67.16 -1.37 0.00	54.11 -1.12 0.00	40.47 -0.65 0.00	47.25 -0.10 0.00	53.14 0.00 0.00
SITHE___STERLING 23777	65.18 2.01 -3.38	85.01 2.73 -1.54	66.83 2.14 -2.42	124.06 4.05 0.00	113.10 3.89 -0.59	62.98 2.34 -0.61	114.25 4.39 0.00	112.11 4.63 0.00	76.11 3.32 0.00	66.41 2.96 0.00	94.16 4.08 0.00	122.38 5.27 0.00	238.92 9.74 0.00	126.13 5.29 0.00	102.58 4.51 0.00	88.70 4.05 0.00	51.84 2.46 0.00	80.27 3.66 0.00	103.29 4.76 0.00	71.67 3.14 0.00	57.57 2.35 0.00	42.76 1.64 0.00	49.04 1.69 0.00	54.94 1.80 0.00
SLEIGHT__34_KV_TB1 80719	65.57 -1.18 -6.96	82.21 -1.73 -3.21	65.99 -1.31 -5.03	117.03 -2.98 0.00	107.09 -2.75 -1.22	60.23 -1.07 -1.27	107.92 -1.94 0.00	105.75 -1.73 0.00	71.93 -0.85 0.00	62.93 -0.71 -0.18	89.76 -1.28 -0.96	114.40 -1.80 0.91	224.89 -4.30 0.00	118.84 -2.01 0.00	97.37 -1.46 -0.77	85.29 -1.22 -1.86	52.60 -0.62 -3.84	80.66 -0.83 -4.88	102.06 -1.09 -4.62	73.69 -1.03 -6.19	63.72 -0.90 -9.39	41.89 -0.68 -1.45	46.26 -0.99 0.10	52.13 -1.01 0.00
SOUTH CAIRO___GT 23612	129.88 5.54 -64.55	117.68 7.45 -29.49	114.29 5.80 -46.22	131.05 11.04 0.00	129.98 10.12 -11.24	97.66 5.63 -31.99	311.41 10.03 -191.52	173.42 9.86 -56.07	127.78 6.60 -48.40	95.74 5.74 -26.55	104.79 6.90 -7.82	128.09 10.31 -0.67	253.17 21.06 -2.93	131.43 10.59 0.00	112.45 8.09 -6.30	117.61 7.97 -24.99	166.99 4.78 -112.82	186.26 7.60 -102.04	261.66 9.97 -153.15	261.51 6.82 -186.15	306.30 5.39 -245.68	198.17 3.85 -153.19	243.69 4.31 -192.03	95.55 5.11 -37.30
SOUTH HAMPTN___IC 23720	121.67 7.06 -54.82	115.04 9.26 -25.04	108.54 7.01 -39.25	133.52 13.51 0.00	130.72 12.55 -9.55	85.79 7.64 -18.11	201.52 14.34 -77.32	150.42 15.30 -27.63	101.80 9.48 -19.54	87.16 8.00 -15.71	131.68 11.27 -30.33	131.30 13.82 -0.37	252.81 21.60 -2.03	136.96 15.12 -1.00	134.16 12.37 -23.73	158.50 12.37 -61.48	207.07 6.83 -150.86	261.15 9.65 -174.89	302.09 13.92 -189.63	323.34 10.01 -244.80	433.52 8.19 -370.10	149.95 6.18 -102.64	131.84 6.96 -77.53	75.41 7.21 -15.06
SOUTHDOW_115KV_TB1 355954	66.16 -3.63 -9.99	80.44 -4.98 -4.69	66.04 -3.58 -7.34	112.81 -7.20 0.00	103.49 -6.92 -1.79	60.00 -3.19 -3.15	115.76 -6.36 -12.26	105.23 -5.84 -3.59	72.58 -3.29 -3.10	62.66 -2.66 -1.87	88.23 -3.27 -1.42	108.75 -4.52 3.83	221.33 -8.03 -0.19	117.32 -3.53 0.00	96.73 -2.48 -1.15	85.45 -2.59 -3.39	58.80 -1.50 -10.92	85.33 -2.51 -11.23	109.69 -3.09 -14.24	83.77 -2.64 -17.87	76.19 -2.23 -23.20	50.59 -1.59 -11.06	57.31 -1.91 -11.86	53.79 -1.74 -2.39
SOUTHOLD_69_KV_BK 2 55809	121.57 6.95 -54.82	114.94 9.16 -25.04	108.56 7.03 -39.25	133.46 13.44 0.00	130.80 12.63 -9.55	86.05 7.91 -18.11	200.08 12.89 -77.32	149.37 14.26 -27.63	102.88 10.56 -19.54	87.92 8.76 -15.71	132.52 12.11 -30.33	132.09 14.61 -0.37	253.55 22.34 -2.03	138.31 16.46 -1.00	135.56 13.77 -23.73	159.68 13.55 -61.48	207.09 6.84 -150.86	260.36 8.85 -174.89	301.15 12.98 -189.63	322.98 9.65 -244.80	434.28 8.95 -370.10	150.58 6.81 -102.64	132.58 7.69 -77.53	75.89 7.69 -15.06
SOUTHOLD___IC 23719	121.57 6.95 -54.82	114.94 9.16 -25.04	108.55 7.03 -39.25	133.45 13.44 0.00	130.79 12.62 -9.55	86.06 7.91 -18.11	200.22 13.04 -77.32	149.37 14.25 -27.63	102.87 10.56 -19.54	87.89 8.73 -15.71	132.52 12.11 -30.33	132.09 14.61 -0.37	253.50 22.29 -2.03	138.25 16.40 -1.00	135.52 13.72 -23.73	159.67 13.55 -61.48	207.08 6.84 -150.86	260.35 8.85 -174.89	301.14 12.98 -189.63	322.98 9.65 -244.80	434.29 8.96 -370.10	150.59 6.82 -102.64	132.56 7.67 -77.53	75.89 7.68 -15.06
SOUTH_FORK_WT_PWR 323839	120.81 6.19 -54.82	113.95 8.17 -25.04	107.88 6.35 -39.25	132.10 12.09 0.00	129.67 11.50 -9.55	85.54 7.39 -18.11	199.95 12.77 -77.32	149.84 14.72 -27.63	102.77 10.45 -19.54	88.02 8.87 -15.71	132.94 12.53 -30.33	132.53 15.05 -0.37	253.58 22.37 -2.03	137.86 16.02 -1.00	135.27 13.47 -23.73	159.46 13.33 -61.48	206.95 6.71 -150.86	260.72 9.22 -174.89	301.71 13.54 -189.63	323.12 9.79 -244.80	434.11 8.79 -370.10	150.55 6.78 -102.64	132.51 7.62 -77.53	75.67 7.46 -15.06
SPIERFLS_115KV_TB 1 80737	134.64 4.35 -70.50	118.95 6.01 -32.21	117.47 4.71 -50.48	128.88 8.86 0.00	129.11 8.21 -12.28	131.04 4.60 -66.40	624.30 8.94 -505.50	264.48 9.00 -148.00	206.66 6.13 -127.74	135.48 5.26 -66.77	99.93 6.64 -3.21	127.32 8.80 -1.41	254.45 17.53 -7.74	130.39 9.54 0.00	108.72 8.07 -2.58	123.97 7.20 -32.11	281.55 4.35 -227.82	263.81 6.64 -180.55	427.42 8.67 -320.21	453.26 6.05 -378.68	528.53 4.73 -468.57	421.81 3.43 -377.25	557.71 3.52 -506.85	154.80 3.21 -98.45
ST LAWRENCE____ 23600	58.38 -1.42 0.00	79.07 -1.67 0.00	60.98 -1.29 0.00	117.86 -2.15 0.00	106.35 -2.27 0.00	58.53 -1.50 0.00	107.37 -2.49 0.00	104.87 -2.61 0.00	70.79 -1.99 0.00	61.46 -1.99 0.00	87.30 -2.78 0.00	113.34 -3.76 0.00	223.31 -5.87 0.00	117.78 -3.07 0.00	95.21 -2.85 0.00	82.13 -2.53 0.00	47.99 -1.39 0.00	74.59 -2.03 0.00	95.78 -2.75 0.00	66.60 -1.93 0.00	53.70 -1.52 0.00	39.98 -1.15 0.00	46.38 -0.97 0.00	52.12 -1.02 0.00
STATE_CA_115KV_115_LB 55624	131.57 3.00 -68.78	116.19 4.03 -31.42	114.66 3.13 -49.25	125.69 5.68 0.00	125.91 5.31 -11.98	111.68 2.91 -48.73	457.27 5.45 -341.96	212.65 5.05 -100.12	162.76 3.56 -86.41	112.60 3.56 -45.59	99.62 5.16 -4.39	124.89 6.75 -1.03	247.14 12.72 -5.24	127.19 6.34 0.00	106.63 5.03 -3.53	115.21 4.53 -26.02	214.80 2.40 -163.02	213.55 3.51 -133.42	330.51 4.68 -227.29	342.24 3.23 -270.49	397.72 2.65 -339.84	301.80 2.03 -258.64	392.68 2.46 -342.87	122.74 3.00 -66.60

STATE_ST_34_KV_LOAD 55959	68.08 0.40 -7.88	84.77 0.47 -3.56	68.03 0.17 -5.58	120.00 -0.01 0.00	110.07 0.09 -1.36	61.89 0.45 -1.41	110.86 1.00 0.00	108.52 1.04 0.00	73.66 0.88 0.00	64.52 0.87 -0.20	92.15 1.00 -1.07	119.41 0.99 -1.31	230.34 1.16 0.00	121.68 0.83 0.00	99.99 1.06 -0.86	87.74 1.02 -2.08	54.30 0.62 -4.29	83.25 1.18 -5.45	105.31 1.61 -5.16	76.43 0.98 -6.92	67.59 0.65 -11.71	43.28 0.44 -1.72	47.75 0.25 -0.14	53.39 0.25 0.00
STATION 5_MISC_HYD 23604	65.09 -1.65 -6.94	81.55 -2.41 -3.23	65.59 -1.75 -5.06	116.12 -3.90 0.00	106.18 -3.67 -1.23	59.69 -1.62 -1.28	106.55 -3.30 0.00	104.37 -3.11 0.00	71.13 -1.65 0.00	62.24 -1.40 -0.18	88.69 -2.35 -0.97	112.18 -3.13 1.79	222.43 -6.75 0.00	117.52 -3.33 0.00	96.11 -2.73 -0.78	84.25 -2.28 -1.87	52.04 -1.21 -3.87	79.72 -1.80 -4.91	100.78 -2.40 -4.65	72.81 -1.96 -6.23	62.67 -1.56 -8.99	41.42 -1.12 -1.41	45.74 -1.42 0.20	51.74 -1.40 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	66.31 -0.56 -7.08	83.13 -0.90 -3.29	66.83 -0.60 -5.16	118.31 -1.71 0.00	108.35 -1.53 -1.25	61.03 -0.31 -1.30	109.31 -0.55 0.00	107.06 -0.43 0.00	72.87 0.09 0.00	63.73 0.09 -0.19	90.83 -0.23 -0.98	114.72 -0.62 1.76	227.15 -2.03 0.00	120.00 -0.86 0.00	98.36 -0.50 -0.79	86.19 -0.38 -1.91	53.20 -0.12 -3.94	81.58 -0.04 -5.01	103.19 -0.09 -4.74	74.55 -0.34 -6.36	64.09 -0.34 -9.21	42.30 -0.27 -1.45	46.64 -0.51 0.20	52.64 -0.50 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	64.80 -1.89 -6.90	81.25 -2.69 -3.21	65.32 -1.98 -5.03	115.65 -4.36 0.00	105.77 -4.08 -1.22	59.45 -1.85 -1.27	106.20 -3.66 0.00	104.02 -3.46 0.00	70.90 -1.89 0.00	61.99 -1.64 -0.18	88.37 -2.66 -0.96	111.89 -3.47 1.75	221.74 -7.44 0.00	117.16 -3.68 0.00	95.82 -3.01 -0.77	83.96 -2.55 -1.86	51.80 -1.42 -3.84	79.37 -2.12 -4.87	100.39 -2.76 -4.61	72.49 -2.22 -6.19	62.39 -1.78 -8.94	41.24 -1.29 -1.41	45.55 -1.61 0.20	51.53 -1.61 0.00
STA_56___34_KV_BUS2 355983	64.80 -1.89 -6.90	81.25 -2.69 -3.21	65.32 -1.98 -5.03	115.65 -4.36 0.00	105.77 -4.08 -1.22	59.45 -1.85 -1.27	106.20 -3.66 0.00	104.02 -3.46 0.00	70.90 -1.89 0.00	61.99 -1.64 -0.18	88.37 -2.66 -0.96	111.89 -3.47 1.75	221.74 -7.44 0.00	117.16 -3.68 0.00	95.82 -3.01 -0.77	83.96 -2.55 -1.86	51.80 -1.42 -3.84	79.37 -2.12 -4.87	100.39 -2.76 -4.61	72.49 -2.22 -6.19	62.39 -1.78 -8.94	41.24 -1.29 -1.41	45.55 -1.61 0.20	51.53 -1.61 0.00
STA_67___115KV_BK2 355882	64.93 -1.79 -6.94	81.36 -2.60 -3.23	65.44 -1.89 -5.06	115.84 -4.17 0.00	105.92 -3.93 -1.23	59.52 -1.79 -1.28	106.27 -3.59 0.00	104.03 -3.45 0.00	70.90 -1.88 0.00	62.02 -1.62 -0.18	88.38 -2.66 -0.96	111.85 -3.47 1.79	221.72 -7.46 0.00	117.16 -3.68 0.00	95.81 -3.03 -0.77	83.95 -2.57 -1.87	51.82 -1.43 -3.86	79.37 -2.15 -4.90	100.40 -2.78 -4.64	72.50 -2.25 -6.22	62.43 -1.78 -8.98	41.25 -1.29 -1.41	45.58 -1.57 0.20	51.60 -1.55 0.00
STA_7___115KV_9TRANS 80674	65.43 -1.31 -6.94	82.01 -1.96 -3.23	65.93 -1.41 -5.06	116.73 -3.29 0.00	106.76 -3.09 -1.23	60.01 -1.30 -1.28	107.21 -2.65 0.00	105.04 -2.45 0.00	71.60 -1.18 0.00	62.61 -1.02 -0.18	89.24 -1.80 -0.97	112.96 -2.36 1.79	223.95 -5.23 0.00	118.33 -2.52 0.00	96.76 -2.08 -0.78	84.79 -1.74 -1.87	52.31 -0.94 -3.87	80.18 -1.35 -4.91	101.42 -1.77 -4.65	73.23 -1.53 -6.23	63.00 -1.22 -8.99	41.65 -0.89 -1.41	46.00 -1.15 0.20	52.05 -1.09 0.00
STA_82___115KV_TB1 80780	64.99 -1.78 -6.98	81.41 -2.57 -3.25	65.52 -1.85 -5.09	115.88 -4.13 0.00	105.98 -3.88 -1.24	59.56 -1.75 -1.28	106.31 -3.55 0.00	104.09 -3.39 0.00	70.93 -1.85 0.00	62.03 -1.61 -0.18	88.42 -2.63 -0.97	111.86 -3.44 1.81	221.82 -7.37 0.00	117.19 -3.66 0.00	95.84 -3.00 -0.78	84.01 -2.53 -1.88	51.87 -1.40 -3.89	79.45 -2.10 -4.94	100.46 -2.75 -4.67	72.58 -2.21 -6.26	62.53 -1.73 -9.03	41.28 -1.26 -1.42	45.60 -1.55 0.20	51.62 -1.52 0.00
STEEL___WIND 323596	65.19 -3.90 -9.30	79.66 -5.43 -4.35	65.24 -3.85 -6.82	112.10 -7.91 0.00	102.48 -7.80 -1.66	59.19 -3.76 -2.92	113.50 -7.69 -11.33	103.20 -7.60 -3.32	71.25 -4.40 -2.86	61.41 -3.77 -1.73	85.72 -5.67 -1.32	106.39 -7.42 3.30	214.19 -15.16 -0.17	113.50 -7.35 0.00	93.22 -5.90 -1.06	82.59 -5.20 -3.14	56.57 -2.92 -10.10	82.46 -4.55 -10.39	105.79 -5.93 -13.18	80.43 -4.64 -16.54	73.16 -3.66 -21.60	48.73 -2.63 -10.24	55.34 -3.01 -10.99	52.37 -2.98 -2.21
STEPHTWN_115KV_BK_2 55603	131.50 3.69 -68.02	116.77 4.96 -31.07	114.80 3.83 -48.70	126.93 6.92 0.00	126.96 6.50 -11.84	104.78 3.58 -41.16	388.67 6.82 -271.99	193.53 6.42 -79.63	145.95 4.44 -68.73	104.06 4.17 -36.44	100.51 6.01 -4.42	126.01 8.04 -0.87	248.46 15.12 -4.16	128.25 7.40 0.00	107.61 5.98 -3.56	112.60 5.43 -22.51	185.75 2.95 -133.42	191.96 4.45 -110.89	289.79 5.96 -185.29	293.84 4.12 -221.18	338.54 3.36 -279.95	250.83 2.53 -207.17	323.11 3.05 -272.71	109.70 3.59 -52.97
STEUBEN_REC_LFGE 323667	67.79 -3.79 -11.78	81.45 -5.00 -5.72	68.75 -2.48 -8.96	114.79 -5.22 0.00	105.30 -5.50 -2.18	61.31 -2.61 -3.89	119.68 -5.51 -15.33	107.12 -4.85 -4.49	73.70 -2.95 -3.88	63.35 -2.44 -2.34	88.00 -3.83 -1.75	101.97 -4.39 10.75	220.87 -8.55 -0.23	117.89 -2.96 0.00	97.80 -1.67 -1.41	87.55 -1.28 -4.18	62.36 -0.56 -13.54	89.68 -0.82 -13.89	114.72 -1.49 -17.67	88.68 -2.01 -22.16	79.04 -1.77 -25.58	53.09 -1.54 -13.51	59.55 -1.99 -14.18	54.12 -2.01 -2.99
STILLWATER___SOLAR 323814	133.92 4.00 -70.13	118.21 5.44 -32.04	116.71 4.23 -50.21	127.95 7.94 0.00	128.19 7.36 -12.21	128.45 4.14 -64.28	603.94 7.97 -486.10	257.52 7.71 -142.33	200.89 5.27 -122.84	132.46 4.66 -64.36	100.00 6.05 -3.86	126.61 8.14 -1.37	252.48 15.85 -7.44	129.27 8.42 0.00	108.22 7.04 -3.11	123.38 6.33 -32.39	275.39 3.79 -222.21	259.95 5.73 -177.60	417.74 7.52 -311.69	442.98 5.25 -369.19	518.03 4.15 -458.65	408.23 3.11 -363.99	538.13 3.38 -487.40	151.36 3.55 -94.67
STONY___BROOK 24151	121.31 6.70 -54.82	114.55 8.77 -25.04	108.07 6.55 -39.25	132.63 12.62 0.00	129.75 11.58 -9.55	85.04 6.89 -18.11	200.54 13.36 -77.32	148.97 13.88 -27.61	100.94 8.62 -19.54	86.52 7.36 -15.71	131.11 10.63 -30.40	130.82 13.34 -0.37	253.67 22.43 -2.06	136.43 14.55 -1.03	133.79 11.99 -23.73	157.23 11.09 -61.49	206.46 6.22 -150.86	260.52 9.02 -174.89	301.09 12.93 -189.63	322.57 9.24 -244.80	432.53 7.20 -370.10	149.03 5.26 -102.64	130.95 6.06 -77.53	74.66 6.45 -15.06
STURGEON_POOL_HYD 23609	121.34 6.06 -55.49	113.90 7.81 -25.35	107.98 5.98 -39.73	131.24 11.23 0.00	128.74 10.45 -9.66	87.22 6.28 -20.91	224.63 12.25 -102.52	149.91 12.41 -30.02	107.27 8.58 -25.91	88.76 7.57 -17.73	123.61 10.83 -22.70	132.03 14.49 -0.43	256.76 26.01 -1.57	134.47 13.62 0.00	128.45 12.10 -18.29	144.56 10.58 -49.33	190.26 6.16 -134.71	235.16 9.58 -148.97	282.31 12.50 -171.28	296.54 8.65 -219.36	384.78 6.87 -322.69	156.95 5.04 -110.79	155.59 5.44 -102.80	79.04 5.93 -19.97
ST_LAW_115_BK7_LBMP 345037	58.23 -1.56 0.00	78.91 -1.83 0.00	60.85 -1.43 0.00	117.61 -2.40 0.00	106.12 -2.51 0.00	58.34 -1.69 0.00	107.03 -2.83 0.00	104.49 -3.00 0.00	70.50 -2.28 0.00	61.17 -2.29 0.00	86.95 -3.13 0.00	112.83 -4.28 0.00	222.70 -6.48 0.00	117.41 -3.44 0.00	94.83 -3.24 0.00	81.87 -2.78 0.00	47.84 -1.54 0.00	74.38 -2.23 0.00	95.51 -3.03 0.00	66.41 -2.12 0.00	53.57 -1.66 0.00	39.88 -1.25 0.00	46.31 -1.05 0.00	52.04 -1.10 0.00

ST_LAW_115_BK8_LBMP 345038	58.23 -1.56 0.00	78.91 -1.83 0.00	60.85 -1.43 0.00	117.61 -2.40 0.00	106.12 -2.51 0.00	58.34 -1.69 0.00	107.03 -2.83 0.00	104.49 -3.00 0.00	70.50 -2.28 0.00	61.17 -2.29 0.00	86.95 -3.13 0.00	112.83 -4.28 0.00	222.70 -6.48 0.00	117.41 -3.44 0.00	94.83 -3.24 0.00	81.87 -2.78 0.00	47.84 -1.54 0.00	74.38 -2.23 0.00	95.51 -3.03 0.00	66.41 -2.12 0.00	53.57 -1.66 0.00	39.88 -1.25 0.00	46.31 -1.05 0.00	52.04 -1.10 0.00
ST_LAW_230_BK5_LBMP 345035	58.38 -1.42 0.00	79.07 -1.67 0.00	60.98 -1.29 0.00	117.86 -2.15 0.00	106.35 -2.27 0.00	58.53 -1.50 0.00	107.37 -2.49 0.00	104.87 -2.61 0.00	70.79 -1.99 0.00	61.46 -1.99 0.00	87.30 -2.78 0.00	113.34 -3.76 0.00	223.31 -5.87 0.00	117.78 -3.07 0.00	95.21 -2.85 0.00	82.13 -2.53 0.00	47.99 -1.39 0.00	74.59 -2.03 0.00	95.78 -2.75 0.00	66.60 -1.93 0.00	53.70 -1.52 0.00	39.98 -1.15 0.00	46.38 -0.97 0.00	52.12 -1.02 0.00
ST_LAW_230_BK6_LBMP 345036	58.38 -1.42 0.00	79.07 -1.67 0.00	60.98 -1.29 0.00	117.86 -2.15 0.00	106.35 -2.27 0.00	58.53 -1.50 0.00	107.37 -2.49 0.00	104.87 -2.61 0.00	70.79 -1.99 0.00	61.46 -1.99 0.00	87.30 -2.78 0.00	113.34 -3.76 0.00	223.31 -5.87 0.00	117.78 -3.07 0.00	95.21 -2.85 0.00	82.13 -2.53 0.00	47.99 -1.39 0.00	74.59 -2.03 0.00	95.78 -2.75 0.00	66.60 -1.93 0.00	53.70 -1.52 0.00	39.98 -1.15 0.00	46.38 -0.97 0.00	52.12 -1.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	114.48 3.81 -50.88	108.86 4.89 -23.24	102.44 3.74 -36.43	126.96 6.94 0.00	124.05 6.57 -8.86	80.75 4.00 -16.72	188.46 7.72 -70.88	135.86 7.63 -20.75	96.05 5.35 -17.91	82.62 4.96 -14.21	123.18 7.14 -25.96	126.82 9.37 -0.34	247.06 16.79 -1.09	129.86 9.01 0.00	126.66 7.69 -20.91	145.40 6.72 -54.02	187.52 3.83 -134.32	237.69 5.82 -155.26	274.06 7.63 -167.89	291.83 5.31 -217.99	388.50 4.25 -329.02	136.82 3.15 -92.54	121.85 3.44 -71.06	70.76 3.82 -13.80
SWANROAD_115KV_TB1 355699	62.99 -5.40 -8.60	77.34 -7.42 -4.02	63.02 -5.55 -6.30	109.04 -10.97 0.00	99.54 -10.61 -1.53	56.19 -5.44 -1.59	99.04 -10.82 0.00	96.61 -10.87 0.00	66.14 -6.64 0.00	57.85 -5.83 -0.23	82.49 -8.81 -1.21	103.24 -11.04 2.83	205.70 -23.48 0.00	109.09 -11.75 0.00	89.27 -9.77 -0.98	78.56 -8.45 -2.35	49.29 -4.95 -4.86	75.12 -7.68 -6.18	94.56 -9.82 -5.85	68.96 -7.40 -7.84	60.44 -5.79 -11.00	38.82 -4.05 -1.75	42.59 -4.45 0.32	48.66 -4.48 0.00
SYNERGY___BIOGAS 323694	65.74 -1.98 -7.92	81.49 -2.94 -3.70	65.97 -2.09 -5.79	115.47 -4.54 0.00	105.53 -4.50 -1.41	59.57 -1.92 -1.46	105.91 -3.95 0.00	103.76 -3.72 0.00	70.91 -1.87 0.00	61.96 -1.70 -0.21	88.26 -2.92 -1.11	110.88 -3.83 2.40	220.48 -8.70 0.00	116.60 -4.24 0.00	95.44 -3.52 -0.89	83.92 -2.89 -2.16	52.34 -1.49 -4.46	80.08 -2.19 -5.66	101.00 -2.90 -5.36	73.23 -2.49 -7.18	63.43 -1.97 -10.18	41.34 -1.40 -1.61	45.41 -1.68 0.27	51.55 -1.59 0.00
SYRACUSE___ENERGY_ST1 323597	65.87 -0.24 -6.31	83.18 -0.44 -2.88	66.41 -0.38 -4.52	119.06 -0.95 0.00	109.02 -0.70 -1.10	61.08 -0.09 -1.14	109.79 -0.07 0.00	107.50 0.01 0.00	72.95 0.16 0.00	63.83 0.22 -0.16	91.17 0.23 -0.86	117.29 0.18 0.00	229.10 -0.08 0.00	120.89 0.04 0.00	99.00 0.24 -0.69	86.57 0.26 -1.66	52.99 0.18 -3.43	81.36 0.38 -4.36	103.21 0.55 -4.12	74.36 0.30 -5.53	64.17 0.11 -8.83	42.50 0.04 -1.33	47.19 -0.17 0.00	52.92 -0.22 0.00
SYRACUSE___ENERGY_ST2 323598	65.87 -0.24 -6.31	83.18 -0.44 -2.88	66.41 -0.38 -4.52	119.06 -0.95 0.00	109.02 -0.70 -1.10	61.08 -0.09 -1.14	109.79 -0.07 0.00	107.50 0.01 0.00	72.95 0.16 0.00	63.83 0.22 -0.16	91.17 0.23 -0.86	117.29 0.18 0.00	229.10 -0.08 0.00	120.89 0.04 0.00	99.00 0.24 -0.69	86.57 0.26 -1.66	52.99 0.18 -3.43	81.36 0.38 -4.36	103.21 0.55 -4.12	74.36 0.30 -5.53	64.17 0.11 -8.83	42.50 0.04 -1.33	47.19 -0.17 0.00	52.92 -0.22 0.00
SYRACUSE___POWER 24017	65.99 -0.28 -6.48	83.16 -0.50 -2.93	66.48 -0.39 -4.60	119.07 -0.94 0.00	108.96 -0.78 -1.12	61.05 -0.14 -1.16	109.71 -0.16 0.00	107.39 -0.09 0.00	72.89 0.11 0.00	63.81 0.19 -0.17	91.13 0.17 -0.87	118.14 0.17 -0.86	229.10 -0.08 0.00	120.89 0.04 0.00	98.94 0.18 -0.70	86.57 0.22 -1.69	53.03 0.16 -3.49	81.40 0.35 -4.44	103.20 0.47 -4.20	74.41 0.24 -5.63	64.76 0.09 -9.44	42.57 0.06 -1.39	47.28 -0.17 -0.09	52.91 -0.24 0.00
TALLMAN___138KV_BK151 55660	116.05 4.01 -52.24	109.72 5.12 -23.87	103.59 3.91 -37.41	127.31 7.30 0.00	124.61 6.89 -9.10	81.45 4.23 -17.19	191.08 8.15 -73.06	136.95 8.07 -21.39	96.90 5.66 -18.46	83.42 5.25 -14.72	124.81 7.57 -27.16	127.30 9.84 -0.35	248.12 17.82 -1.12	130.43 9.57 0.00	128.06 8.12 -21.88	148.23 7.10 -56.47	193.48 4.03 -140.07	244.83 6.12 -162.10	281.53 7.98 -175.01	301.41 5.57 -227.31	403.03 4.49 -343.32	140.47 3.33 -96.02	124.24 3.63 -73.26	71.42 4.05 -14.23
TEALLAVE_115KV_TB7 355573	64.40 -0.73 -5.33	82.09 -1.08 -2.44	65.26 -0.83 -3.82	118.20 -1.82 0.00	107.99 -1.56 -0.93	60.40 -0.60 -0.96	108.81 -1.05 0.00	106.56 -0.92 0.00	72.31 -0.47 0.00	63.29 -0.30 -0.14	90.28 -0.51 -0.71	116.41 -0.69 0.00	227.33 -1.85 0.00	119.99 -0.86 0.00	98.10 -0.54 -0.57	85.61 -0.43 -1.39	52.03 -0.22 -2.87	79.95 -0.31 -3.64	101.62 -0.36 -3.45	72.83 -0.33 -4.62	62.25 -0.36 -7.38	41.96 -0.28 -1.11	46.82 -0.53 0.00	52.51 -0.63 0.00
TELGRAPH_34_KV_EAST 80808	64.32 -3.68 -8.21	79.42 -5.15 -3.83	64.45 -3.82 -6.00	112.17 -7.84 0.00	102.46 -7.62 -1.46	57.82 -3.72 -1.52	102.31 -7.55 0.00	100.00 -7.49 0.00	68.40 -4.38 0.00	59.82 -3.85 -0.22	85.26 -5.97 -1.15	107.04 -7.48 2.59	213.15 -16.03 0.00	112.91 -7.94 0.00	92.42 -6.57 -0.93	81.26 -5.63 -2.24	50.75 -3.26 -4.62	77.43 -5.06 -5.87	97.62 -6.48 -5.56	70.95 -5.03 -7.45	61.81 -3.93 -10.52	40.02 -2.78 -1.67	43.95 -3.12 0.29	50.06 -3.08 0.00
TEMPLE___115KV_TB 2 55572	64.54 -0.67 -5.42	82.18 -1.03 -2.47	65.37 -0.78 -3.88	118.28 -1.73 0.00	108.09 -1.47 -0.94	60.45 -0.56 -0.98	108.90 -0.96 0.00	106.64 -0.84 0.00	72.37 -0.41 0.00	63.35 -0.24 -0.14	90.35 -0.45 -0.73	116.51 -0.60 0.00	227.52 -1.66 0.00	120.08 -0.77 0.00	98.17 -0.48 -0.58	85.70 -0.37 -1.41	52.11 -0.18 -2.91	80.07 -0.25 -3.70	101.75 -0.29 -3.50	72.94 -0.28 -4.70	62.42 -0.31 -7.50	42.01 -0.24 -1.13	46.85 -0.50 0.00	52.56 -0.58 0.00
TIANA____69_KV_BK 1 55817	121.73 7.12 -54.82	115.10 9.32 -25.04	108.56 7.03 -39.25	133.56 13.55 0.00	130.69 12.52 -9.55	85.73 7.58 -18.11	201.50 14.32 -77.32	150.32 15.21 -27.63	101.59 9.27 -19.54	86.99 7.83 -15.71	131.41 11.00 -30.33	131.01 13.53 -0.37	252.50 21.29 -2.03	136.82 14.97 -1.00	133.99 12.19 -23.73	158.27 12.15 -61.48	207.03 6.79 -150.86	261.12 9.61 -174.89	302.03 13.87 -189.63	323.31 9.98 -244.80	433.39 8.06 -370.10	149.83 6.06 -102.64	131.73 6.85 -77.53	75.31 7.11 -15.06
TILDEN___115KV_TB1 80814	65.99 -0.28 -6.48	83.16 -0.50 -2.93	66.48 -0.39 -4.60	119.07 -0.94 0.00	108.96 -0.78 -1.12	61.05 -0.14 -1.16	109.71 -0.16 0.00	107.39 -0.09 0.00	72.89 0.11 0.00	63.81 0.19 -0.17	91.13 0.17 -0.87	118.14 0.17 -0.86	229.10 -0.08 0.00	120.89 0.04 0.00	98.94 0.18 -0.70	86.57 0.22 -1.69	53.03 0.16 -3.49	81.40 0.35 -4.44	103.20 0.47 -4.20	74.41 0.24 -5.63	64.76 0.09 -9.44	42.57 0.06 -1.39	47.28 -0.17 -0.09	52.91 -0.24 0.00

TRIGEN___CC 323695	120.14 5.52 -54.82	112.96 7.18 -25.04	106.91 5.38 -39.25	130.21 10.20 0.00	127.56 9.39 -9.55	83.75 5.60 -18.11	197.92 10.74 -77.32	142.00 11.07 -23.44	99.72 7.40 -19.54	85.85 6.69 -15.71	141.63 9.80 -41.76	129.89 12.41 -0.37	258.57 21.98 -7.40	141.09 13.01 -7.23	133.04 10.86 -24.11	158.37 9.45 -64.27	205.45 5.21 -150.86	259.28 7.78 -174.89	298.89 10.73 -189.63	320.85 7.53 -244.80	431.21 5.88 -370.10	148.17 4.41 -102.64	129.77 4.89 -77.53	73.52 5.32 -15.06
TRINITY___115KV___4 BK 55933	130.76 2.80 -68.17	115.66 3.78 -31.14	114.02 2.93 -48.81	125.33 5.32 0.00	125.47 4.97 -11.87	105.02 2.69 -42.29	397.33 5.13 -282.34	194.78 4.63 -82.67	147.43 3.30 -71.35	104.59 3.37 -37.78	99.31 4.91 -4.33	124.45 6.45 -0.89	245.49 11.99 -4.32	126.80 5.96 0.00	106.27 4.72 -3.48	111.75 4.24 -22.86	189.02 2.21 -137.44	193.53 3.16 -113.76	293.86 4.25 -191.07	299.39 2.97 -227.90	345.55 2.44 -287.88	257.67 1.90 -214.65	332.77 2.32 -283.10	111.00 2.87 -54.99
UNION___PROCESSING_DRP 323587	65.04 -1.75 -6.99	81.45 -2.53 -3.25	65.53 -1.84 -5.09	115.90 -4.11 0.00	106.01 -3.85 -1.24	59.58 -1.74 -1.29	106.34 -3.52 0.00	104.14 -3.34 0.00	70.98 -1.81 0.00	62.08 -1.56 -0.18	88.45 -2.60 -0.97	111.92 -3.39 1.81	221.92 -7.26 0.00	117.26 -3.59 0.00	95.90 -2.94 -0.78	84.05 -2.49 -1.88	51.89 -1.39 -3.89	79.48 -2.08 -4.95	100.52 -2.70 -4.68	72.62 -2.19 -6.27	62.55 -1.72 -9.05	41.30 -1.25 -1.42	45.62 -1.53 0.20	51.64 -1.50 0.00
UPPER HUDSON___HYD 24058	134.64 4.34 -70.50	118.95 6.01 -32.21	117.47 4.71 -50.48	128.88 8.86 0.00	129.11 8.21 -12.28	131.04 4.60 -66.40	624.30 8.94 -505.50	264.48 8.99 -148.00	206.66 6.13 -127.74	135.48 5.26 -66.77	99.92 6.64 -3.21	127.32 8.80 -1.41	254.46 17.54 -7.74	130.39 9.54 0.00	108.71 8.07 -2.58	123.96 7.20 -32.11	281.56 4.36 -227.82	263.82 6.65 -180.55	427.42 8.67 -320.21	453.26 6.05 -378.68	528.53 4.73 -468.57	421.80 3.43 -377.25	557.71 3.51 -506.85	154.80 3.21 -98.45
UPPER RAQUET___HYD 24056	58.41 -1.38 0.00	79.39 -1.34 0.00	61.22 -1.06 0.00	118.22 -1.79 0.00	106.13 -2.49 0.00	57.96 -2.07 0.00	105.05 -4.81 0.00	102.59 -4.89 0.00	69.39 -3.39 0.00	60.31 -3.14 0.00	86.33 -3.75 0.00	111.56 -5.55 0.00	221.04 -8.14 0.00	116.74 -4.11 0.00	93.85 -4.22 0.00	80.53 -4.12 0.00	47.20 -2.18 0.00	73.51 -3.10 0.00	94.35 -4.19 0.00	65.46 -3.07 0.00	52.69 -2.53 0.00	39.66 -1.46 0.00	46.49 -0.87 0.00	52.39 -0.76 0.00
VALLEY44_115KV_TB2 355964	66.84 -3.38 -10.42	81.17 -4.46 -4.89	66.85 -3.09 -7.66	114.08 -5.93 0.00	104.95 -5.53 -1.86	60.61 -2.71 -3.29	116.48 -6.19 -12.81	104.67 -6.56 -3.75	72.14 -3.88 -3.24	62.08 -3.33 -1.96	86.93 -4.63 -1.49	107.26 -5.85 4.00	218.20 -11.18 -0.20	115.77 -5.08 0.00	95.30 -3.96 -1.20	84.17 -4.02 -3.54	58.35 -2.44 -11.41	84.02 -4.33 -11.73	108.06 -5.36 -14.88	83.39 -3.81 -18.67	76.37 -3.10 -24.24	50.45 -2.23 -11.55	57.25 -2.50 -12.40	53.12 -2.52 -2.49
VALLEY___115KV_TB 1-4 80826	62.00 2.20 0.00	83.60 2.86 0.00	64.48 2.21 0.00	124.13 4.12 0.00	112.70 4.07 0.00	62.50 2.47 0.00	114.33 4.47 0.00	111.61 4.13 0.00	75.55 2.77 0.00	65.63 2.18 0.00	93.18 3.10 0.00	121.59 4.49 0.00	238.06 8.88 0.00	124.83 3.98 0.00	101.59 3.53 0.00	88.04 3.39 0.00	51.39 2.01 0.00	79.78 3.17 0.00	102.84 4.31 0.00	71.47 2.94 0.00	57.52 2.29 0.00	42.89 1.76 0.00	49.27 1.91 0.00	55.23 2.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	88.76 4.71 -24.25	98.09 6.28 -11.08	84.55 4.92 -17.37	129.48 9.46 0.00	121.65 8.81 -4.22	77.35 5.25 -12.07	192.04 9.78 -72.40	138.09 9.41 -21.20	97.66 6.58 -18.30	79.50 5.86 -10.19	101.96 8.12 -3.76	128.10 10.71 -0.28	250.42 20.13 -1.11	131.29 10.44 0.00	109.94 8.84 -3.03	103.44 7.78 -11.01	99.74 4.47 -45.88	126.11 6.81 -42.69	169.23 8.90 -61.79	150.23 6.11 -75.59	161.26 4.83 -101.21	103.87 3.58 -59.17	123.80 3.85 -72.59	71.49 4.25 -14.10
VISCHER___FERRY HYD 24020	132.19 3.36 -69.03	116.87 4.60 -31.54	115.29 3.59 -49.43	126.61 6.60 0.00	126.74 6.10 -12.02	120.47 3.40 -57.04	536.44 6.79 -419.79	236.63 6.24 -122.91	183.30 4.43 -106.08	123.64 4.15 -56.03	101.61 5.80 -5.74	126.12 7.81 -1.21	250.08 14.47 -6.43	128.36 7.51 0.00	108.95 6.26 -4.62	122.83 5.55 -32.63	254.12 3.19 -201.55	246.86 4.66 -165.59	385.43 6.16 -280.73	407.24 4.38 -334.33	479.58 3.52 -420.84	361.90 2.71 -318.06	471.31 3.06 -420.90	138.27 3.37 -81.76
V_A_10_SYNC_DSASP 323832	64.01 -3.53 -7.74	79.43 -4.91 -3.61	64.35 -3.58 -5.66	112.48 -7.53 0.00	102.82 -7.17 -1.38	57.88 -3.58 -1.43	102.53 -7.33 0.00	100.07 -7.41 0.00	68.35 -4.43 0.00	59.84 -3.81 -0.21	85.37 -5.79 -1.08	107.30 -7.53 2.28	213.59 -15.59 0.00	113.05 -7.80 0.00	92.57 -6.36 -0.87	81.25 -5.50 -2.10	50.59 -3.13 -4.35	77.21 -4.93 -5.52	97.39 -6.37 -5.22	70.76 -4.78 -7.01	61.42 -3.77 -9.97	40.04 -2.66 -1.58	44.05 -3.05 0.25	50.11 -3.03 0.00
V_CMM_10_SYNC_DSASP 323787	58.44 -1.36 0.00	79.19 -1.54 0.00	61.07 -1.20 0.00	118.00 -2.01 0.00	106.47 -2.15 0.00	58.57 -1.46 0.00	107.41 -2.46 0.00	104.65 -2.84 0.00	70.59 -2.20 0.00	61.28 -2.17 0.00	87.07 -3.01 0.00	112.96 -4.14 0.00	223.38 -5.80 0.00	117.82 -3.03 0.00	95.01 -3.05 0.00	82.06 -2.60 0.00	47.94 -1.44 0.00	74.56 -2.06 0.00	95.72 -2.82 0.00	66.54 -1.99 0.00	53.68 -1.55 0.00	39.96 -1.16 0.00	46.50 -0.85 0.00	52.33 -0.82 0.00
V_CMP_10_SYNC_DSASP 323788	59.21 -0.58 0.00	80.31 -0.42 0.00	62.28 0.01 0.00	120.33 0.32 0.00	108.76 0.13 0.00	59.89 -0.14 0.00	109.52 -0.34 0.00	106.49 -0.99 0.00	72.02 -0.77 0.00	63.03 -0.42 0.00	89.19 -0.89 0.00	116.16 -0.95 0.00	228.53 -0.65 0.00	120.58 -0.27 0.00	97.79 -0.27 0.00	84.50 -0.16 0.00	49.40 0.02 0.00	76.58 -0.03 0.00	98.61 0.07 0.00	68.55 0.02 0.00	55.00 -0.23 0.00	41.05 -0.08 0.00	47.52 0.17 0.00	53.58 0.44 0.00
V_D_10_SYNC_DSASP 323841	58.54 -1.26 0.00	79.47 -1.27 0.00	61.26 -1.01 0.00	118.43 -1.58 0.00	106.75 -1.87 0.00	58.67 -1.37 0.00	107.40 -2.46 0.00	104.86 -2.63 0.00	70.76 -2.03 0.00	61.44 -2.02 0.00	87.46 -2.61 0.00	113.28 -3.83 0.00	224.25 -4.93 0.00	118.30 -2.55 0.00	95.17 -2.89 0.00	82.04 -2.61 0.00	48.00 -1.38 0.00	74.65 -1.96 0.00	95.83 -2.71 0.00	66.60 -1.93 0.00	53.67 -1.55 0.00	40.04 -1.09 0.00	46.62 -0.74 0.00	52.41 -0.74 0.00
V_E_10_SYNC_DSASP 323830	82.89 5.12 -17.97	95.50 6.71 -8.05	80.14 5.25 -12.62	130.74 10.73 0.00	122.48 10.79 -3.07	73.40 6.53 -6.84	156.50 12.24 -34.39	129.43 11.87 -10.07	89.07 7.59 -8.69	75.08 6.64 -4.99	101.80 9.14 -2.58	134.16 11.78 -5.27	253.58 23.87 -0.53	134.42 13.57 0.00	111.91 11.76 -2.08	102.04 10.61 -6.77	80.60 6.24 -24.98	111.22 10.29 -24.32	145.04 13.33 -33.18	118.51 8.94 -41.03	121.00 6.83 -58.95	75.61 4.91 -29.58	87.58 5.19 -35.05	65.24 5.39 -6.70
V_F_30_NSYNC___DSASP 323816	134.12 4.03 -70.30	118.34 5.49 -32.11	116.89 4.28 -50.33	128.01 8.00 0.00	128.27 7.40 -12.24	129.46 4.19 -65.23	612.69 8.04 -494.79	260.09 7.73 -144.87	203.12 5.30 -125.04	133.56 4.67 -65.44	99.77 6.12 -3.57	126.74 8.24 -1.39	252.75 15.99 -7.58	129.34 8.49 0.00	108.04 7.10 -2.88	123.30 6.38 -32.26	277.92 3.81 -224.72	261.30 5.76 -178.92	421.62 7.58 -315.50	447.27 5.29 -373.45	522.50 4.18 -463.09	414.17 3.12 -369.93	546.84 3.38 -496.11	153.05 3.55 -96.36

V_F_30_SYNC_DSASP 323786	131.52 3.00 -68.73	116.17 4.03 -31.40	114.61 3.12 -49.21	125.69 5.68 0.00	125.89 5.30 -11.97	111.14 2.91 -48.20	452.39 5.43 -337.09	211.20 5.03 -98.70	161.53 3.56 -85.19	111.96 3.56 -44.95	99.61 5.15 -4.38	124.87 6.75 -1.02	247.05 12.71 -5.16	127.18 6.33 0.00	106.61 5.02 -3.53	114.95 4.53 -25.76	212.70 2.40 -160.92	211.90 3.48 -131.81	327.54 4.68 -224.33	338.76 3.23 -267.00	393.46 2.64 -335.58	298.21 2.03 -255.05	387.80 2.45 -337.99	121.79 3.00 -65.65
V_XM_10_SYNC_DSASP 323789	59.21 -0.58 0.00	80.31 -0.42 0.00	62.28 0.01 0.00	120.33 0.32 0.00	108.76 0.13 0.00	59.89 -0.14 0.00	109.52 -0.34 0.00	106.49 -0.99 0.00	72.02 -0.77 0.00	63.03 -0.42 0.00	89.19 -0.89 0.00	116.16 -0.95 0.00	228.53 -0.65 0.00	120.58 -0.27 0.00	97.79 -0.27 0.00	84.50 -0.16 0.00	49.40 0.02 0.00	76.58 -0.03 0.00	98.61 0.07 0.00	68.55 0.02 0.00	55.00 -0.23 0.00	41.05 -0.08 0.00	47.52 0.17 0.00	53.58 0.44 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	116.48 4.15 -52.54	110.07 5.34 -24.00	103.96 4.07 -37.62	127.56 7.55 0.00	124.93 7.16 -9.15	81.71 4.37 -17.30	191.86 8.46 -73.54	137.38 8.36 -21.53	97.23 5.86 -18.58	83.71 5.42 -14.84	125.31 7.81 -27.42	127.65 10.19 -0.36	248.78 18.47 -1.13	130.76 9.91 0.00	128.55 8.40 -22.08	149.01 7.35 -57.00	194.88 4.18 -141.32	246.55 6.35 -163.58	283.38 8.29 -176.55	303.65 5.79 -229.33	406.31 4.65 -346.43	141.35 3.44 -96.79	124.83 3.75 -73.74	71.65 4.18 -14.32
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	119.55 4.96 -54.80	112.12 6.35 -25.04	106.34 4.82 -39.24	129.01 9.00 0.00	126.61 8.45 -9.54	83.22 5.08 -18.11	196.98 9.83 -77.29	140.16 10.04 -22.63	99.43 7.12 -19.53	85.71 6.56 -15.70	128.87 9.41 -29.38	129.87 12.39 -0.37	253.04 22.68 -1.18	133.00 12.15 0.00	131.88 10.15 -23.67	154.51 8.86 -61.00	205.19 5.02 -150.79	259.03 7.61 -174.80	296.77 9.95 -188.28	320.06 6.85 -244.67	430.58 5.44 -369.91	147.71 4.00 -102.59	129.23 4.39 -77.49	73.03 4.84 -15.05
W50THST__13_KV_LOAD 356117	119.80 5.21 -54.80	112.45 6.68 -25.04	106.59 5.08 -39.24	129.50 9.49 0.00	127.07 8.90 -9.54	83.48 5.34 -18.11	197.52 10.38 -77.29	140.80 10.69 -22.63	99.92 7.61 -19.53	86.15 7.00 -15.70	129.56 10.09 -29.38	130.76 13.28 -0.37	254.80 24.44 -1.18	133.92 13.07 0.00	132.64 10.91 -23.67	155.13 9.47 -61.00	205.55 5.38 -150.79	259.59 8.17 -174.80	297.45 10.64 -188.28	320.48 7.27 -244.67	430.89 5.74 -369.91	147.94 4.23 -102.59	129.48 4.63 -77.49	73.30 5.11 -15.05
WADING RIVER_IC_1 23522	121.57 6.95 -54.82	114.88 9.10 -25.04	108.35 6.82 -39.25	133.17 13.15 0.00	130.33 12.16 -9.55	85.48 7.33 -18.11	201.20 14.02 -77.32	149.80 14.68 -27.63	100.81 8.49 -19.54	86.31 7.15 -15.71	130.49 10.09 -30.33	129.91 12.43 -0.37	250.03 18.82 -2.03	135.66 13.82 -0.99	132.76 10.96 -23.73	157.56 11.44 -61.47	206.78 6.54 -150.86	260.60 9.10 -174.89	301.47 13.30 -189.63	322.95 9.62 -244.80	432.97 7.64 -370.10	149.56 5.80 -102.64	131.42 6.53 -77.53	75.05 6.85 -15.06
WADING RIVER_IC_2 23547	121.57 6.95 -54.82	114.88 9.10 -25.04	108.35 6.82 -39.25	133.17 13.15 0.00	130.33 12.16 -9.55	85.48 7.33 -18.11	201.20 14.02 -77.32	149.80 14.68 -27.63	100.81 8.49 -19.54	86.31 7.15 -15.71	130.49 10.09 -30.33	129.91 12.43 -0.37	250.03 18.82 -2.03	135.66 13.82 -0.99	132.76 10.96 -23.73	157.56 11.44 -61.47	206.78 6.54 -150.86	260.60 9.10 -174.89	301.47 13.30 -189.63	322.95 9.62 -244.80	432.97 7.64 -370.10	149.56 5.80 -102.64	131.42 6.53 -77.53	75.05 6.85 -15.06
WADING RIVER_IC_3 23601	121.57 6.95 -54.82	114.88 9.10 -25.04	108.35 6.82 -39.25	133.17 13.15 0.00	130.33 12.16 -9.55	85.48 7.33 -18.11	201.20 14.02 -77.32	149.80 14.68 -27.63	100.81 8.49 -19.54	86.31 7.15 -15.71	130.49 10.09 -30.33	129.91 12.43 -0.37	250.03 18.82 -2.03	135.66 13.82 -0.99	132.76 10.96 -23.73	157.56 11.44 -61.47	206.78 6.54 -150.86	260.60 9.10 -174.89	301.47 13.30 -189.63	322.95 9.62 -244.80	432.97 7.64 -370.10	149.56 5.80 -102.64	131.42 6.53 -77.53	75.05 6.85 -15.06
WALDENNY_12_KV_BK2 80841	65.22 -3.80 -9.22	79.79 -5.26 -4.32	65.29 -3.75 -6.76	112.25 -7.77 0.00	102.66 -7.61 -1.65	59.23 -3.71 -2.90	113.60 -7.50 -11.23	103.31 -7.46 -3.29	71.35 -4.27 -2.84	61.47 -3.70 -1.72	85.79 -5.60 -1.30	106.74 -7.12 3.24	214.50 -14.85 -0.17	113.67 -7.18 0.00	93.30 -5.82 -1.05	82.63 -5.13 -3.11	56.41 -2.98 -10.02	82.27 -4.65 -10.30	105.65 -5.95 -13.07	80.22 -4.71 -16.39	72.97 -3.68 -21.42	48.64 -2.63 -10.15	55.27 -2.98 -10.90	52.41 -2.92 -2.19
WALDEN__HYDRO 24148	117.06 4.56 -52.70	110.71 5.90 -24.07	104.52 4.51 -37.73	128.40 8.38 0.00	125.67 7.87 -9.18	82.47 4.76 -17.68	195.92 9.21 -76.84	139.20 9.21 -22.50	98.62 6.42 -19.42	84.34 5.75 -15.13	125.11 8.33 -26.71	128.45 10.98 -0.36	249.95 19.59 -1.18	131.35 10.49 0.00	128.69 9.11 -21.51	148.39 7.95 -55.79	193.83 4.58 -139.87	244.66 7.02 -161.03	282.85 9.21 -175.11	301.98 6.38 -227.06	402.23 5.09 -341.91	143.00 3.77 -98.10	128.50 4.10 -77.05	72.62 4.51 -14.97
WARRENSBURG____ 23737	134.64 4.34 -70.50	118.95 6.01 -32.21	117.47 4.71 -50.48	128.88 8.86 0.00	129.11 8.21 -12.28	131.04 4.60 -66.40	624.30 8.94 -505.50	264.48 8.99 -148.00	206.66 6.13 -127.74	135.48 5.26 -66.77	99.92 6.64 -3.21	127.32 8.80 -1.41	254.46 17.54 -7.74	130.39 9.54 0.00	108.71 8.07 -2.58	123.96 7.20 -32.11	281.56 4.36 -227.82	263.82 6.65 -180.55	427.42 8.67 -320.21	453.26 6.05 -378.68	528.53 4.73 -468.57	421.80 3.43 -377.25	557.71 3.51 -506.85	154.80 3.21 -98.45
WATERSIDE__6 8 9 23538	116.69 5.10 -51.80	106.37 6.56 -19.07	100.40 4.96 -33.17	125.98 9.31 3.34	123.85 8.72 -6.50	72.98 5.25 -7.70	193.35 10.06 -73.44	127.35 10.42 -9.44	85.57 7.35 -5.43	72.34 6.75 -2.15	128.97 9.59 -29.30	130.13 12.64 -0.37	253.45 23.09 -1.18	133.21 12.36 0.00	129.68 10.37 -21.24	153.16 9.00 -59.50	205.30 5.12 -150.80	230.63 7.82 -146.19	272.05 10.21 -163.30	309.33 7.01 -233.79	430.42 5.55 -369.64	146.02 4.10 -100.79	129.02 4.48 -77.18	72.20 4.96 -14.10
WATKINRD_115KV_LN8_ILLION 55919	61.45 1.65 0.00	82.90 2.17 0.00	63.92 1.65 0.00	123.09 3.07 0.00	111.63 3.01 0.00	61.82 1.79 0.00	113.02 3.16 0.00	110.47 2.98 0.00	74.80 2.02 0.00	65.08 1.62 0.00	92.37 2.29 0.00	120.47 3.36 0.00	235.65 6.47 0.00	123.74 2.89 0.00	100.66 2.59 0.00	87.18 2.52 0.00	50.87 1.49 0.00	78.92 2.31 0.00	101.78 3.24 0.00	70.72 2.19 0.00	56.92 1.69 0.00	42.42 1.30 0.00	48.75 1.39 0.00	54.63 1.49 0.00
WATSON__69_KV_BK 1 55734	121.79 7.18 -54.82	115.20 9.42 -25.04	108.59 7.06 -39.25	133.62 13.60 0.00	130.61 12.44 -9.55	85.52 7.38 -18.11	201.49 14.31 -77.32	149.64 14.72 -27.44	101.71 9.40 -19.54	87.27 8.11 -15.71	132.72 11.69 -30.94	131.88 14.40 -0.37	256.47 24.97 -2.32	137.88 15.68 -1.35	134.75 12.94 -23.75	158.13 11.85 -61.63	206.91 6.67 -150.86	261.32 9.82 -174.89	302.03 13.86 -189.63	323.18 9.86 -244.80	433.04 7.71 -370.10	149.43 5.66 -102.64	131.29 6.40 -77.53	75.04 6.84 -15.06
WDELAWARE__HYD 323627	112.98 3.60 -49.58	108.00 4.61 -22.65	101.31 3.53 -35.50	126.51 6.50 0.00	123.49 6.24 -8.63	81.05 3.92 -17.10	194.35 7.82 -76.67	137.91 7.98 -22.45	97.64 5.48 -19.37	82.48 4.72 -14.30	119.61 7.07 -22.47	126.76 9.31 -0.35	245.78 15.43 -1.17	129.46 8.61 0.00	124.00 7.85 -18.09	138.99 6.79 -47.54	176.12 3.97 -122.77	222.16 6.19 -139.36	261.20 8.11 -154.55	273.66 5.60 -199.52	357.65 4.45 -297.97	135.73 3.22 -91.38	127.62 3.40 -76.87	71.74 3.66 -14.93

WEST BABYLON___IC 23714	121.43 6.81 -54.82	114.68 8.90 -25.04	108.21 6.69 -39.25	132.84 12.83 0.00	129.88 11.71 -9.55	85.10 6.95 -18.11	200.66 13.48 -77.32	148.24 13.75 -27.01	101.18 8.86 -19.54	86.88 7.72 -15.71	133.57 11.16 -32.33	131.29 13.81 -0.37	256.42 24.27 -2.97	137.78 14.82 -2.10	134.23 12.36 -23.80	157.78 11.17 -61.96	206.48 6.24 -150.86	260.68 9.18 -174.89	301.06 12.90 -189.63	322.51 9.18 -244.80	432.52 7.19 -370.10	149.08 5.31 -102.64	130.94 6.05 -77.53	74.69 6.49 -15.06
WEST CANADA___HYD 24049	60.43 0.64 0.00	81.54 0.81 0.00	62.88 0.61 0.00	121.09 1.08 0.00	109.71 1.09 0.00	60.67 0.64 0.00	110.89 1.03 0.00	108.44 0.96 0.00	73.45 0.67 0.00	64.14 0.69 0.00	91.06 0.98 0.00	118.50 1.39 0.00	231.58 2.40 0.00	122.07 1.22 0.00	99.15 1.09 0.00	85.59 0.94 0.00	49.92 0.54 0.00	77.38 0.77 0.00	99.59 1.05 0.00	69.25 0.72 0.00	55.78 0.55 0.00	41.55 0.43 0.00	47.83 0.47 0.00	53.66 0.52 0.00
WESTERN_NY_WIND 24143	65.70 -2.11 -8.01	81.39 -3.08 -3.74	65.92 -2.21 -5.86	115.21 -4.80 0.00	105.31 -4.74 -1.43	59.45 -2.06 -1.48	105.67 -4.19 0.00	103.49 -3.99 0.00	70.72 -2.06 0.00	61.76 -1.90 -0.21	87.99 -3.21 -1.12	110.57 -4.08 2.46	219.97 -9.21 0.00	116.35 -4.50 0.00	95.19 -3.77 -0.90	83.72 -3.11 -2.18	52.17 -1.71 -4.51	79.83 -2.51 -5.73	100.70 -3.26 -5.42	73.01 -2.78 -7.27	63.32 -2.19 -10.29	41.21 -1.55 -1.63	45.28 -1.80 0.27	51.43 -1.71 0.00
WESTOVER___LESR 323668	77.81 -0.09 -18.10	88.89 -0.17 -8.32	75.28 -0.03 -13.04	119.80 -0.21 0.00	111.65 -0.13 -3.17	66.16 0.30 -5.82	134.18 0.49 -23.82	114.69 0.23 -6.98	79.20 0.40 -6.02	67.51 0.45 -3.61	93.22 0.56 -2.57	116.27 0.67 1.51	230.79 1.24 -0.36	121.78 0.93 0.00	101.23 1.09 -2.07	91.62 0.75 -6.22	70.14 0.29 -20.47	97.95 0.47 -20.86	126.28 0.96 -26.78	102.66 0.61 -33.52	101.82 0.33 -46.26	62.81 0.21 -21.47	71.12 0.06 -23.71	57.87 0.09 -4.64
WETHRSFD_WT_PWR 323626	65.62 -4.53 -10.36	79.39 -6.21 -4.87	65.76 -4.14 -7.63	111.73 -8.28 0.00	102.19 -8.29 -1.86	59.10 -4.21 -3.28	114.22 -8.42 -12.77	102.98 -8.24 -3.74	71.20 -4.81 -3.23	61.37 -4.04 -1.95	85.37 -6.18 -1.48	104.79 -7.89 4.42	213.41 -15.96 -0.20	113.54 -7.31 0.00	93.73 -5.53 -1.19	83.20 -4.98 -3.53	57.99 -2.77 -11.37	83.99 -4.32 -11.69	107.69 -5.68 -14.84	82.69 -4.46 -18.61	75.69 -3.47 -23.93	49.98 -2.65 -11.50	56.52 -3.15 -12.32	52.39 -3.24 -2.49
WHAVSTOR_138KV_BK127 55557	116.28 3.89 -52.60	109.74 4.98 -24.03	103.73 3.79 -37.66	127.07 7.05 0.00	124.46 6.68 -9.16	81.46 4.11 -17.32	191.42 7.92 -73.64	136.85 7.81 -21.56	96.87 5.48 -18.61	83.41 5.11 -14.86	124.89 7.34 -27.47	127.05 9.58 -0.36	247.58 17.27 -1.13	130.12 9.27 0.00	128.06 7.87 -22.13	148.64 6.88 -57.11	194.86 3.92 -141.56	246.41 5.92 -163.87	283.14 7.75 -176.86	303.66 5.39 -229.73	406.59 4.34 -347.02	141.28 3.24 -96.92	124.70 3.51 -73.83	71.42 3.93 -14.34
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	116.28 3.89 -52.60	109.74 4.98 -24.03	103.73 3.79 -37.66	127.07 7.05 0.00	124.46 6.68 -9.16	81.46 4.11 -17.32	191.42 7.92 -73.64	136.85 7.81 -21.56	96.87 5.48 -18.61	83.41 5.11 -14.86	124.89 7.34 -27.47	127.05 9.58 -0.36	247.58 17.27 -1.13	130.12 9.27 0.00	128.06 7.87 -22.13	148.64 6.88 -57.11	194.86 3.92 -141.56	246.41 5.92 -163.87	283.14 7.75 -176.86	303.66 5.39 -229.73	406.59 4.34 -347.02	141.28 3.24 -96.92	124.70 3.51 -73.83	71.42 3.93 -14.34
WHITEHAL_115KV_TB1 80871	135.42 5.21 -70.42	120.72 7.82 -32.17	118.98 6.28 -50.42	131.82 11.81 0.00	131.70 10.81 -12.26	131.62 5.67 -65.92	622.17 11.25 -501.06	265.91 11.72 -146.70	207.42 8.01 -126.62	136.49 6.82 -66.22	101.26 7.82 -3.36	128.38 9.87 -1.40	257.64 20.79 -7.67	133.23 12.38 0.00	111.47 10.70 -2.71	125.82 8.99 -32.17	281.45 5.54 -226.53	264.75 8.26 -179.88	427.51 10.71 -318.26	452.67 7.62 -376.51	527.34 5.81 -466.30	420.03 4.69 -374.21	554.95 5.21 -502.39	155.65 4.92 -97.58
WHITEPLN_13_KV_LOAD 356215	119.83 5.33 -54.71	112.62 6.89 -24.99	106.67 5.23 -39.17	129.84 9.82 0.00	127.31 9.17 -9.53	83.58 5.48 -18.07	197.59 10.61 -77.12	140.82 10.75 -22.58	99.81 7.54 -19.49	86.00 6.89 -15.66	129.24 9.87 -29.30	130.45 12.97 -0.37	254.24 23.88 -1.18	133.58 12.73 0.00	132.38 10.72 -23.60	154.84 9.35 -60.83	205.11 5.35 -150.38	259.10 8.16 -174.32	297.01 10.70 -187.77	319.93 7.38 -244.02	429.98 5.84 -368.91	147.78 4.32 -102.34	129.40 4.72 -77.32	73.36 5.20 -15.02
WM_FLOYD_69_KV_BK2 356380	121.53 6.91 -54.82	114.84 9.06 -25.04	108.28 6.76 -39.25	133.09 13.08 0.00	130.20 12.03 -9.55	85.36 7.21 -18.11	201.06 13.88 -77.32	149.65 14.54 -27.62	101.15 8.83 -19.54	86.61 7.46 -15.71	130.99 10.55 -30.36	130.55 13.07 -0.37	252.34 21.12 -2.05	136.38 14.52 -1.02	133.62 11.82 -23.73	157.65 11.51 -61.48	206.75 6.51 -150.86	260.80 9.29 -174.89	301.53 13.37 -189.63	322.93 9.60 -244.80	432.91 7.58 -370.10	149.42 5.65 -102.64	131.29 6.40 -77.53	74.94 6.74 -15.06
WOODARD___115KV_TB2 355635	64.45 -0.80 -5.45	82.03 -1.20 -2.49	65.25 -0.93 -3.91	118.01 -2.00 0.00	107.85 -1.72 -0.95	60.30 -0.72 -0.99	108.58 -1.28 0.00	106.33 -1.15 0.00	72.15 -0.63 0.00	63.13 -0.45 -0.14	90.08 -0.73 -0.73	116.15 -0.96 0.00	226.83 -2.35 0.00	119.69 -1.16 0.00	97.83 -0.82 -0.59	85.43 -0.64 -1.42	51.98 -0.33 -2.94	79.87 -0.48 -3.73	101.48 -0.59 -3.53	72.79 -0.48 -4.73	62.33 -0.46 -7.56	41.91 -0.36 -1.14	46.74 -0.61 0.00	52.42 -0.72 0.00
YORK___WARBASSE 23770	135.01 5.44 -69.77	142.45 7.07 -54.64	137.01 5.34 -69.40	146.53 9.95 -16.57	142.64 9.38 -24.63	135.40 5.64 -69.73	217.03 10.69 -96.48	206.76 11.20 -88.08	170.12 7.87 -89.47	153.57 7.17 -82.95	129.91 9.98 -29.85	130.59 13.11 -0.37	254.50 24.12 -1.20	133.71 12.86 0.00	144.74 10.95 -35.73	162.67 9.47 -68.55	205.77 5.39 -151.00	401.93 8.34 -316.97	421.80 10.83 -312.43	375.03 7.46 -299.04	432.99 5.91 -371.85	157.18 4.40 -111.65	131.27 4.79 -79.13	78.23 5.29 -19.80