

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/17/2025

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 24138	104.61	101.01	93.66	93.43	91.93	94.54	106.65	119.87	115.18	130.66	143.08	141.85	139.88	135.20	140.08	146.68	162.63	182.40	189.67	173.08	162.61	152.26	147.96	146.74
	4.52	4.68	4.84	4.77	4.57	4.84	5.67	5.54	7.54	7.43	8.38	8.59	8.02	7.60	8.28	9.26	10.07	10.46	10.81	10.31	10.30	8.76	9.85	8.50
	-38.98	-30.48	-19.73	-20.54	-19.10	-18.54	-18.78	-39.52	-16.77	-33.71	-40.52	-37.89	-42.83	-42.14	-40.76	-35.63	-41.90	-59.54	-63.79	-50.58	-40.24	-49.36	-30.92	-34.61
74TH STREET_GT_1 24260	104.62	101.08	93.66	93.44	92.00	94.54	106.58	119.80	115.10	130.58	142.99	141.86	139.79	135.21	140.00	146.58	162.53	182.41	189.69	173.10	162.62	152.27	148.07	146.85
	4.52	4.74	4.84	4.77	4.64	4.84	5.59	5.46	7.45	7.34	8.29	8.58	7.92	7.61	8.19	9.16	9.96	10.45	10.82	10.32	10.31	8.76	9.97	8.60
	-38.99	-30.48	-19.73	-20.55	-19.10	-18.54	-18.78	-39.52	-16.78	-33.71	-40.53	-37.90	-42.83	-42.15	-40.76	-35.64	-41.91	-59.55	-63.80	-50.58	-40.24	-49.37	-30.93	-34.61
74TH STREET_GT_2 24261	104.62	101.08	93.66	93.44	92.00	94.54	106.58	119.80	115.10	130.58	142.99	141.86	139.79	135.21	140.00	146.58	162.53	182.41	189.69	173.10	162.62	152.27	148.07	146.85
	4.52	4.74	4.84	4.77	4.64	4.84	5.59	5.46	7.45	7.34	8.29	8.58	7.92	7.61	8.19	9.16	9.96	10.45	10.82	10.32	10.31	8.76	9.97	8.60
	-38.99	-30.48	-19.73	-20.55	-19.10	-18.54	-18.78	-39.52	-16.78	-33.71	-40.53	-37.90	-42.83	-42.15	-40.76	-35.64	-41.91	-59.55	-63.80	-50.58	-40.24	-49.37	-30.93	-34.61
ADK HUDSON___FALLS 24011	115.67	109.77	99.77	99.76	98.34	100.71	113.01	131.20	166.37	141.70	153.79	151.49	150.82	145.98	150.03	155.50	173.49	198.23	206.62	187.01	173.27	165.10	155.85	156.53
	5.13	5.27	5.67	5.59	5.87	6.05	6.99	6.51	8.27	8.06	8.48	8.30	7.75	7.35	7.56	8.75	9.96	10.68	11.05	10.99	10.42	8.66	9.65	9.02
	-49.42	-38.64	-25.01	-26.04	-24.22	-23.51	-23.81	-49.87	-67.23	-44.12	-51.14	-47.82	-54.04	-53.18	-51.43	-44.96	-52.87	-75.14	-80.50	-63.82	-50.78	-62.29	-39.02	-43.88
ADK RESOURCE___RCVRY 23798	115.95	110.12	100.00	100.05	98.70	101.01	113.44	131.68	167.14	142.28	154.30	151.99	151.22	146.44	150.52	156.04	174.20	199.07	207.48	187.73	173.98	165.61	156.42	157.07
	5.38	5.59	5.87	5.86	6.21	6.33	7.40	6.96	8.72	8.60	8.95	8.77	8.10	7.78	8.01	9.26	10.62	11.47	11.85	11.67	11.10	9.13	10.19	9.53
	-49.46	-38.67	-25.03	-26.06	-24.24	-23.53	-23.83	-49.90	-67.55	-44.16	-51.18	-47.85	-54.08	-53.22	-51.47	-45.00	-52.91	-75.19	-80.55	-63.87	-50.81	-62.33	-39.05	-43.91
ADK S GLENS___FALLS 24028	115.67	109.77	99.77	99.76	98.34	100.71	113.01	131.20	166.37	141.70	153.79	151.49	150.82	145.98	150.03	155.50	173.49	198.23	206.62	187.01	173.27	165.10	155.85	156.53
	5.13	5.27	5.67	5.59	5.87	6.05	6.99	6.51	8.27	8.06	8.48	8.30	7.75	7.35	7.56	8.75	9.96	10.68	11.05	10.99	10.42	8.66	9.65	9.02
	-49.42	-38.64	-25.01	-26.04	-24.22	-23.51	-23.81	-49.87	-67.23	-44.12	-51.14	-47.82	-54.04	-53.18	-51.43	-44.96	-52.87	-75.14	-80.50	-63.82	-50.78	-62.29	-39.02	-43.88
ADK_NYS___DAM 23527	113.25	107.81	98.06	98.02	96.39	98.89	111.18	128.32	148.90	138.34	150.20	148.18	147.31	142.65	146.94	152.59	169.75	193.10	201.13	181.73	168.78	160.73	152.01	152.29
	4.46	4.68	4.84	4.77	4.78	5.05	6.00	5.39	6.90	6.72	6.69	6.67	6.14	5.89	6.28	7.43	8.07	8.20	8.40	7.97	7.73	6.49	7.18	6.32
	-47.68	-37.28	-24.13	-25.13	-23.37	-22.68	-22.98	-48.11	-51.13	-42.09	-49.34	-46.13	-52.14	-51.31	-49.62	-43.38	-51.01	-72.49	-77.66	-61.58	-48.99	-60.09	-37.65	-42.33
AIR_PRODUCTS___DRP 24190	111.31	105.74	95.85	95.91	94.28	96.61	108.28	125.53	134.81	134.51	146.66	144.78	144.26	139.72	143.80	148.03	164.58	187.91	195.83	176.63	163.88	156.76	147.72	149.30
	2.38	2.50	2.56	2.59	2.59	2.70	3.04	2.47	3.00	3.13	3.01	3.15	2.94	2.82	3.00	2.75	2.77	2.81	2.88	2.69	2.69	2.35	2.79	3.21
	-47.82	-37.38	-24.19	-25.20	-23.43	-22.74	-23.04	-48.25	-40.94	-41.85	-49.47	-46.26	-52.29	-51.45	-49.76	-43.50	-51.15	-72.69	-77.88	-61.75	-49.12	-60.26	-37.75	-42.45
AKWESSNE_115KV_BK 355683	60.07	65.13	68.48	67.44	67.50	70.37	80.97	73.85	89.42	88.09	92.76	93.85	87.70	84.09	89.40	99.95	108.56	109.82	111.85	109.95	109.83	92.55	105.25	102.08
	-1.04	-0.72	-0.62	-0.68	-0.75	-0.78	-1.23	-0.97	-1.45	-1.43	-1.41	-1.53	-1.34	-1.37	-1.64	-1.83	-2.10	-2.59	-3.22	-2.24	-2.24	-1.60	-1.93	-1.55
	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 323833	111.07	105.68	96.12	96.08	94.55	96.85	108.62	125.36	128.51	134.18	146.55	144.64	143.96	139.42	143.66	148.59	165.34	188.43	196.52	177.67	165.03	157.30	148.87	150.01
	2.99	3.10	3.25	3.20	3.28	3.35	3.78	3.14	3.90	3.76	3.77	3.82	3.57	3.42	3.73	4.08	4.43	4.61	4.94	4.82	4.71	3.95	4.61	4.67
	-46.97	-36.72	-23.77	-24.75	-23.02	-22.34	-22.63	-47.40	-33.73	-40.89	-48.60	-45.45	-51.36	-50.54	-48.88	-42.73	-50.25	-71.41	-76.50	-60.66	-48.26	-59.20	-37.09	-41.70
ALBANY_2_SOLAR 323834	111.08	105.68	96.05	96.08	94.55	96.85	108.62	125.36	128.50	134.18	146.55	144.64	143.97	139.42	143.57	148.49	165.35	188.44	196.53	177.56	165.04	157.31	148.77	150.01
	2.99	3.10	3.18	3.20	3.28	3.35	3.78	3.14	3.90	3.76	3.77	3.82	3.57	3.42	3.65	3.97	4.43	4.61	4.94	4.71	4.71	3.95	4.50	4.67
	-46.98	-36.73	-23.77	-24.76	-23.02	-22.35	-22.63	-47.40	-33.72	-40.90	-48.61	-45.45	-51.37	-50.55	-48.89	-42.74	-50.26	-71.42	-76.51	-60.66	-48.26	-59.20	-37.09	-41.71
ALBANY___1 23571	111.31	105.74	95.85	95.91	94.28	96.61	108.28	125.53	134.81	134.51	146.66	144.78	144.26	139.72	143.80	148.03	164.58	187.91	195.83	176.63	163.88	156.76	147.72	149.30
	2.38	2.50	2.56	2.59	2.59	2.70	3.04	2.47	3.00	3.13	3.01	3.15	2.94	2.82	3.00	2.75	2.77	2.81	2.88	2.69	2.69	2.35	2.79	3.21
	-47.82	-37.38	-24.19	-25.20	-23.43	-22.74	-23.04	-48.25	-40.94	-41.85	-49.47	-46.26	-52.29	-51.45	-49.76	-43.50	-51.15	-72.69	-77.88	-61.75	-49.12	-60.26	-37.75	-42.45

ALBANY___2 23572	111.31 2.38 -47.82	105.74 2.50 -37.38	95.85 2.56 -24.19	95.91 2.59 -25.20	94.28 2.59 -23.43	96.61 2.70 -22.74	108.28 3.04 -23.04	125.53 2.47 -48.25	134.81 3.00 -40.94	134.51 3.13 -41.85	146.66 3.01 -49.47	144.78 3.15 -46.26	144.26 2.94 -52.29	139.72 2.82 -51.45	143.80 3.00 -49.76	148.03 2.75 -43.50	164.58 2.77 -51.15	187.91 2.81 -72.69	195.83 2.88 -77.88	176.63 2.69 -61.75	163.88 2.69 -49.12	156.76 2.35 -60.26	147.72 2.79 -37.75	149.30 3.21 -42.45
ALBANY___3 23573	111.31 2.38 -47.82	105.74 2.50 -37.38	95.85 2.56 -24.19	95.91 2.59 -25.20	94.28 2.59 -23.43	96.61 2.70 -22.74	108.28 3.04 -23.04	125.53 2.47 -48.25	134.81 3.00 -40.94	134.51 3.13 -41.85	146.66 3.01 -49.47	144.78 3.15 -46.26	144.26 2.94 -52.29	139.72 2.82 -51.45	143.80 3.00 -49.76	148.03 2.75 -43.50	164.58 2.77 -51.15	187.91 2.81 -72.69	195.83 2.88 -77.88	176.63 2.69 -61.75	163.88 2.69 -49.12	156.76 2.35 -60.26	147.72 2.79 -37.75	149.30 3.21 -42.45
ALBANY___4 23574	111.31 2.38 -47.82	105.74 2.50 -37.38	95.85 2.56 -24.19	95.91 2.59 -25.20	94.28 2.59 -23.43	96.61 2.70 -22.74	108.28 3.04 -23.04	125.53 2.47 -48.25	134.81 3.00 -40.94	134.51 3.13 -41.85	146.66 3.01 -49.47	144.78 3.15 -46.26	144.26 2.94 -52.29	139.72 2.82 -51.45	143.80 3.00 -49.76	148.03 2.75 -43.50	164.58 2.77 -51.15	187.91 2.81 -72.69	195.83 2.88 -77.88	176.63 2.69 -61.75	163.88 2.69 -49.12	156.76 2.35 -60.26	147.72 2.79 -37.75	149.30 3.21 -42.45
ALBANY___LFGE 323615	112.26 2.87 -48.28	106.57 2.97 -37.74	96.64 3.11 -24.43	96.63 3.07 -25.44	95.05 3.14 -23.66	97.33 3.21 -22.96	109.17 3.70 -23.26	126.67 3.14 -48.71	143.61 3.90 -48.83	135.98 3.93 -42.51	148.17 4.05 -49.95	146.18 4.10 -46.71	145.65 3.83 -52.79	141.07 3.67 -51.94	145.19 3.91 -50.24	149.57 3.87 -43.92	166.29 3.98 -51.65	189.96 4.16 -73.39	197.96 4.26 -78.63	178.69 4.15 -62.34	165.69 4.03 -49.60	158.37 3.38 -60.84	149.26 3.97 -38.12	150.64 4.15 -42.86
ALCOA_PA_115KV_PL-6C 55860	60.31 -0.79 0.00	65.46 -0.40 0.00	68.82 -0.28 0.00	67.78 -0.34 0.00	67.77 -0.48 0.00	70.66 -0.50 0.00	81.30 -0.90 0.00	74.22 -0.60 0.00	89.78 -1.09 0.00	88.45 -1.07 0.00	93.04 -1.13 0.00	94.13 -1.24 0.00	87.96 -1.07 0.00	84.26 -1.20 0.00	89.58 -1.46 0.00	100.05 -1.73 0.00	108.67 -1.99 0.00	110.05 -2.36 0.00	111.73 -3.34 0.00	110.17 -2.02 0.00	110.05 -2.02 0.00	92.74 -1.41 0.00	105.46 -1.71 0.00	102.39 -1.24 0.00
ALCOA_RYNLDS___DRP 24188	60.31 -0.79 0.00	65.46 -0.40 0.00	68.82 -0.28 0.00	67.78 -0.34 0.00	67.77 -0.48 0.00	70.66 -0.50 0.00	81.30 -0.90 0.00	74.22 -0.60 0.00	89.78 -1.09 0.00	88.45 -1.07 0.00	93.04 -1.13 0.00	94.13 -1.24 0.00	87.96 -1.07 0.00	84.26 -1.20 0.00	89.58 -1.46 0.00	100.05 -1.73 0.00	108.67 -1.99 0.00	110.05 -2.36 0.00	111.73 -3.34 0.00	110.17 -2.02 0.00	110.05 -2.02 0.00	92.74 -1.41 0.00	105.46 -1.71 0.00	102.39 -1.24 0.00
ALCOA___DSASP 323711	60.25 -0.86 0.00	65.46 -0.39 0.00	68.82 -0.28 0.00	67.79 -0.34 0.00	67.78 -0.47 0.00	70.66 -0.49 0.00	81.30 -0.90 0.00	74.22 -0.60 0.00	89.78 -1.09 0.00	88.46 -1.07 0.00	93.05 -1.13 0.00	94.13 -1.24 0.00	87.97 -1.06 0.00	84.26 -1.20 0.00	89.58 -1.46 0.00	100.05 -1.73 0.00	108.67 -1.99 0.00	110.04 -2.37 0.00	112.31 -2.76 0.00	110.17 -2.02 0.00	110.05 -2.01 0.00	92.74 -1.41 0.00	105.46 -1.72 0.00	102.40 -1.24 0.00
ALLEGHENY___COGEN 23514	68.69 0.06 -7.52	70.82 -0.92 -5.88	71.66 -1.24 -3.81	70.86 -1.22 -3.96	70.98 -0.96 -3.69	73.88 -0.85 -3.58	85.75 -0.08 -3.62	76.03 -0.60 -1.82	91.76 -2.36 -3.26	88.12 -3.04 -1.64	92.17 -3.87 -1.86	92.68 -4.39 -1.69	86.73 -3.93 -1.97	83.46 -3.74 -1.93	89.18 -3.87 -1.87	99.56 -3.10 -1.64	109.43 -3.87 -1.87	113.80 -1.12 -2.51	117.53 -0.23 -2.69	108.98 -1.80 1.41	106.63 -2.13 3.30	94.00 -2.35 -2.20	105.94 -2.68 -1.43	103.79 -1.45 -1.61
ALTAMONT_115KV_TB 2 55880	111.24 2.38 -47.75	105.69 2.50 -37.33	95.82 2.56 -24.16	95.81 2.52 -25.16	94.24 2.59 -23.40	96.57 2.70 -22.71	108.34 3.12 -23.01	125.69 2.69 -48.18	129.29 3.45 -34.96	134.52 3.40 -41.59	147.16 3.58 -49.41	145.20 3.62 -46.20	144.63 3.38 -52.21	140.08 3.25 -51.38	144.19 3.46 -49.69	149.09 3.87 -43.44	165.84 4.09 -51.08	189.27 4.27 -72.59	197.33 4.49 -77.77	178.12 4.26 -61.66	165.38 4.26 -49.06	157.81 3.48 -60.18	148.95 4.07 -37.70	149.86 3.83 -42.39
ALTONA_WT_PWR 323606	59.33 -1.77 0.00	64.28 -1.58 0.00	67.38 -1.72 0.00	66.29 -1.84 0.00	66.27 -1.98 0.00	69.09 -2.07 0.00	79.08 -3.12 0.00	72.13 -2.69 0.00	87.23 -3.64 0.00	85.94 -3.58 0.00	90.50 -3.67 0.00	91.56 -3.82 0.00	85.56 -3.47 0.00	81.95 -3.51 0.00	87.22 -3.82 0.00	97.51 -4.27 0.00	105.91 -4.76 0.00	107.24 -5.17 0.00	109.44 -5.64 0.00	107.37 -4.82 0.00	107.25 -4.82 0.00	90.29 -3.86 0.00	102.57 -4.61 0.00	100.11 -3.52 0.00
AMERICAN_REF_FUEL 24010	62.58 -5.38 -6.85	64.30 -6.91 -5.36	64.89 -7.67 -3.47	64.31 -7.42 -3.61	64.24 -7.37 -3.36	66.59 -7.83 -3.26	76.46 -9.04 -3.30	69.45 -8.68 -3.31	80.69 -13.18 -3.00	80.86 -11.55 -2.88	84.85 -12.72 -3.39	85.35 -13.16 -3.14	80.33 -12.29 -3.59	78.04 -10.94 -3.53	83.43 -11.02 -3.41	91.44 -13.33 -2.99	98.42 -15.71 -3.48	101.59 -15.74 -4.92	104.58 -15.76 -5.27	97.73 -16.49 -2.03	95.89 -16.47 -0.29	84.69 -13.56 -4.10	95.84 -13.93 -2.59	96.08 -10.46 -2.91
ARKWRIGHT___SUMMIT_WT_PWR 323751	63.96 -4.77 -7.62	65.62 -6.19 -5.95	66.18 -6.77 -3.85	65.66 -6.47 -4.01	65.71 -6.28 -3.73	68.16 -6.62 -3.62	78.64 -7.23 -3.67	71.03 -6.96 -3.17	85.49 -8.72 -3.34	83.79 -8.51 -2.77	88.38 -9.04 -3.25	89.40 -8.97 -2.99	84.18 -8.28 -3.43	81.14 -7.69 -3.37	86.11 -8.19 -3.26	95.38 -9.26 -2.86	104.01 -9.96 -3.31	107.30 -9.78 -4.67	110.29 -9.78 -5.00	103.02 -10.43 -1.26	100.75 -10.65 0.66	88.55 -9.51 -3.90	99.16 -10.50 -2.48	97.00 -9.43 -2.79
ARTHUR KILL_GT_1 23520	104.63 4.52 -39.00	101.02 4.68 -30.49	93.60 4.76 -19.74	93.37 4.70 -20.55	91.79 4.43 -19.10	94.12 4.41 -18.54	105.59 4.60 -18.78	119.06 4.72 -39.52	114.27 6.63 -16.78	129.59 6.36 -33.71	121.78 7.44 -20.17	121.89 7.82 -18.69	121.84 7.21 -25.60	121.74 6.84 -29.45	139.18 7.37 -40.76	145.77 8.35 -35.64	161.75 9.18 -41.91	348.34 9.77 -226.16	351.58 10.13 -226.38	337.10 9.76 -215.16	337.10 9.75 -215.29	151.90 8.38 -49.37	147.65 9.54 -30.93	146.24 7.98 -34.62
ARTHUR_KILL_2 23512	104.44 4.34 -39.00	100.83 4.48 -30.49	93.39 4.56 -19.74	93.17 4.50 -20.55	91.59 4.23 -19.10	93.97 4.27 -18.54	105.43 4.44 -18.78	118.83 4.49 -39.52	114.00 6.36 -16.78	129.33 6.09 -33.71	121.50 7.15 -20.17	121.60 7.53 -18.69	121.58 6.95 -25.60	121.48 6.58 -29.45	138.99 7.19 -40.76	145.46 8.04 -35.64	161.42 8.86 -41.91	348.01 9.44 -226.16	351.23 9.78 -226.38	336.77 9.43 -215.16	336.77 9.41 -215.29	151.62 8.10 -49.37	147.22 9.11 -30.93	145.92 7.67 -34.62
ARTHUR_KILL_3 23513	103.88 3.79 -38.99	100.22 3.88 -30.48	92.90 4.08 -19.73	92.69 4.02 -20.54	91.18 3.82 -19.10	93.76 4.05 -18.54	105.50 4.52 -18.78	118.75 4.41 -39.51	113.82 6.18 -16.77	119.43 6.09 -23.81	121.40 7.07 -20.16	121.30 7.24 -18.68	121.38 6.76 -25.59	121.30 6.41 -29.44	121.30 6.92 -23.34	121.41 7.84 -11.78	121.42 8.52 -2.23	280.75 8.88 -159.46	260.20 9.21 -135.92	282.38 8.76 -161.44	296.46 8.75 -175.65	121.40 7.53 -19.71	125.17 8.58 -9.41	121.56 7.25 -10.67

ARTHUR_KILL_COGEN 323718	104.63 4.52 -39.00	101.02 4.68 -30.49	93.60 4.76 -19.74	93.37 4.70 -20.55	91.79 4.43 -19.10	94.12 4.41 -18.54	105.59 4.60 -18.78	119.06 4.72 -39.52	114.27 6.63 -16.78	129.59 6.36 -33.71	121.78 7.44 -20.17	121.89 7.82 -18.69	121.84 7.21 -25.60	121.74 6.84 -29.45	139.18 7.37 -40.76	145.77 8.35 -35.64	161.75 9.18 -41.91	348.34 9.77 -226.16	351.58 10.13 -226.38	337.10 9.76 -215.16	337.10 9.75 -215.29	151.90 8.38 -49.37	147.65 9.54 -30.93	146.24 7.98 -34.62
ASHOKAN____ 23654	106.33 1.41 -43.82	101.76 1.65 -34.26	92.79 1.52 -22.17	92.71 1.50 -23.09	91.30 1.57 -21.47	93.70 1.70 -20.84	105.78 2.46 -21.11	121.43 2.39 -44.21	122.57 3.45 -28.25	130.96 3.40 -38.04	142.44 2.92 -45.34	140.43 2.67 -42.39	139.44 2.49 -47.91	134.99 2.39 -47.15	139.55 2.91 -45.60	145.21 3.56 -39.86	161.97 4.43 -46.88	184.42 5.40 -66.61	192.65 6.21 -71.37	174.49 5.72 -56.59	162.46 5.38 -45.02	153.70 4.33 -55.22	146.17 4.40 -34.60	146.37 3.84 -38.90
ASTORIA_EAST_ENERGY_CC1 323581	104.69 4.59 -39.00	101.09 4.74 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.06 4.71 -19.10	94.26 4.56 -18.54	105.59 4.60 -18.78	118.82 4.49 -39.52	113.99 6.36 -16.77	129.49 6.26 -33.70	142.43 7.72 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.86 -41.90	181.17 9.22 -59.54	188.41 9.55 -63.79	171.98 9.20 -50.58	161.61 9.30 -40.24	151.90 8.38 -49.37	147.76 9.65 -30.93	146.96 8.71 -34.62
ASTORIA_EAST_ENERGY_CC2 323582	104.63 4.52 -39.00	101.09 4.74 -30.49	93.88 5.04 -19.74	93.59 4.91 -20.55	92.06 4.71 -19.10	94.26 4.56 -18.54	105.59 4.60 -18.78	118.82 4.49 -39.52	113.99 6.36 -16.77	129.49 6.26 -33.70	142.43 7.72 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.86 -41.90	181.17 9.22 -59.54	188.41 9.55 -63.79	171.98 9.20 -50.58	161.61 9.30 -40.24	151.90 8.38 -49.37	147.76 9.65 -30.93	146.96 8.71 -34.62
ASTORIA_GT2_1 24094	104.69 4.58 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.26 4.55 -18.54	105.59 4.60 -18.78	118.83 4.49 -39.52	114.10 6.45 -16.78	129.50 6.27 -33.71	142.43 7.72 -40.53	141.66 8.39 -37.90	139.61 7.75 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.85 -41.91	181.29 9.33 -59.55	188.54 9.67 -63.80	172.09 9.31 -50.58	161.61 9.30 -40.24	151.89 8.38 -49.37	147.87 9.75 -30.93	146.96 8.71 -34.62
ASTORIA_GT2_2 24095	104.69 4.58 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.26 4.55 -18.54	105.59 4.60 -18.78	118.83 4.49 -39.52	114.10 6.45 -16.78	129.50 6.27 -33.71	142.43 7.72 -40.53	141.66 8.39 -37.90	139.61 7.75 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.85 -41.91	181.29 9.33 -59.55	188.54 9.67 -63.80	172.09 9.31 -50.58	161.61 9.30 -40.24	151.89 8.38 -49.37	147.87 9.75 -30.93	146.96 8.71 -34.62
ASTORIA_GT2_3 24096	104.69 4.58 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.26 4.55 -18.54	105.59 4.60 -18.78	118.83 4.49 -39.52	114.10 6.45 -16.78	129.50 6.27 -33.71	142.43 7.72 -40.53	141.66 8.39 -37.90	139.61 7.75 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.85 -41.91	181.29 9.33 -59.55	188.54 9.67 -63.80	172.09 9.31 -50.58	161.61 9.30 -40.24	151.89 8.38 -49.37	147.87 9.75 -30.93	146.96 8.71 -34.62
ASTORIA_GT2_4 24097	104.69 4.58 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.26 4.55 -18.54	105.59 4.60 -18.78	118.83 4.49 -39.52	114.10 6.45 -16.78	129.50 6.27 -33.71	142.43 7.72 -40.53	141.66 8.39 -37.90	139.61 7.75 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.85 -41.91	181.29 9.33 -59.55	188.54 9.67 -63.80	172.09 9.31 -50.58	161.61 9.30 -40.24	151.89 8.38 -49.37	147.87 9.75 -30.93	146.96 8.71 -34.62
ASTORIA_GT3_1 24098	104.63 4.52 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.26 4.55 -18.54	105.59 4.60 -18.78	118.83 4.49 -39.52	114.10 6.45 -16.78	129.50 6.27 -33.71	142.43 7.72 -40.53	141.66 8.39 -37.90	139.61 7.75 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.85 -41.91	181.29 9.33 -59.55	188.54 9.67 -63.80	172.09 9.31 -50.58	161.61 9.30 -40.24	151.89 8.38 -49.37	147.87 9.75 -30.93	146.96 8.71 -34.62
ASTORIA_GT3_2 24099	104.63 4.52 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.26 4.55 -18.54	105.59 4.60 -18.78	118.83 4.49 -39.52	114.10 6.45 -16.78	129.50 6.27 -33.71	142.43 7.72 -40.53	141.66 8.39 -37.90	139.61 7.75 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.85 -41.91	181.29 9.33 -59.55	188.54 9.67 -63.80	172.09 9.31 -50.58	161.61 9.30 -40.24	151.89 8.38 -49.37	147.87 9.75 -30.93	146.96 8.71 -34.62
ASTORIA_GT3_3 24100	104.63 4.52 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.26 4.55 -18.54	105.59 4.60 -18.78	118.83 4.49 -39.52	114.10 6.45 -16.78	129.50 6.27 -33.71	142.43 7.72 -40.53	141.66 8.39 -37.90	139.61 7.75 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.85 -41.91	181.29 9.33 -59.55	188.54 9.67 -63.80	172.09 9.31 -50.58	161.61 9.30 -40.24	151.89 8.38 -49.37	147.87 9.75 -30.93	146.96 8.71 -34.62
ASTORIA_GT3_4 24101	104.63 4.52 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.26 4.55 -18.54	105.59 4.60 -18.78	118.83 4.49 -39.52	114.10 6.45 -16.78	129.50 6.27 -33.71	142.43 7.72 -40.53	141.66 8.39 -37.90	139.61 7.75 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.85 -41.91	181.29 9.33 -59.55	188.54 9.67 -63.80	172.09 9.31 -50.58	161.61 9.30 -40.24	151.89 8.38 -49.37	147.87 9.75 -30.93	146.96 8.71 -34.62
ASTORIA_GT4_1 24102	104.63 4.52 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.26 4.55 -18.54	105.59 4.60 -18.78	118.83 4.49 -39.52	114.10 6.45 -16.78	129.50 6.27 -33.71	142.43 7.72 -40.53	141.66 8.39 -37.90	139.61 7.75 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.85 -41.91	181.29 9.33 -59.55	188.54 9.67 -63.80	172.09 9.31 -50.58	161.61 9.30 -40.24	151.89 8.38 -49.37	147.87 9.75 -30.93	146.96 8.71 -34.62
ASTORIA_GT4_2 24103	104.63 4.52 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.26 4.55 -18.54	105.59 4.60 -18.78	118.83 4.49 -39.52	114.10 6.45 -16.78	129.50 6.27 -33.71	142.43 7.72 -40.53	141.66 8.39 -37.90	139.61 7.75 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.85 -41.91	181.29 9.33 -59.55	188.54 9.67 -63.80	172.09 9.31 -50.58	161.61 9.30 -40.24	151.89 8.38 -49.37	147.87 9.75 -30.93	146.96 8.71 -34.62
ASTORIA_GT4_3 24104	104.63 4.52 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.26 4.55 -18.54	105.59 4.60 -18.78	118.83 4.49 -39.52	114.10 6.45 -16.78	129.50 6.27 -33.71	142.43 7.72 -40.53	141.66 8.39 -37.90	139.61 7.75 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.85 -41.91	181.29 9.33 -59.55	188.54 9.67 -63.80	172.09 9.31 -50.58	161.61 9.30 -40.24	151.89 8.38 -49.37	147.87 9.75 -30.93	146.96 8.71 -34.62

ASTORIA_GT4_4 24105	104.63 4.52 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.26 4.55 -18.54	105.59 4.60 -18.78	118.83 4.49 -39.52	114.10 6.45 -16.78	129.50 6.27 -33.71	142.43 7.72 -40.53	141.66 8.39 -37.90	139.61 7.75 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.85 -41.91	181.29 9.33 -59.55	188.54 9.67 -63.80	172.09 9.31 -50.58	161.61 9.30 -40.24	151.89 8.38 -49.37	147.87 9.75 -30.93	146.96 8.71 -34.62
ASTORIA_GT_1 23523	104.81 4.71 -39.00	101.22 4.87 -30.49	94.02 5.19 -19.74	93.72 5.04 -20.55	92.20 4.85 -19.10	94.40 4.70 -18.54	105.76 4.77 -18.78	118.98 4.64 -39.52	114.27 6.63 -16.77	129.68 6.45 -33.70	142.62 7.91 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.03 7.43 -42.15	139.90 8.10 -40.76	146.18 8.75 -35.64	161.63 9.08 -41.90	181.50 9.55 -59.54	188.76 9.90 -63.79	172.30 9.53 -50.58	161.83 9.52 -40.24	152.09 8.57 -49.37	147.97 9.85 -30.93	147.17 8.91 -34.62
ASTORIA_GT_10 24110	104.56 4.46 -39.00	101.02 4.68 -30.49	93.60 4.77 -19.74	93.38 4.70 -20.55	91.86 4.50 -19.10	94.26 4.55 -18.54	106.00 5.01 -18.78	119.28 4.94 -39.52	114.55 6.91 -16.78	130.04 6.80 -33.71	142.62 7.91 -40.53	141.57 8.30 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.28 8.86 -35.64	161.97 9.41 -41.91	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.06 9.75 -40.24	151.99 8.47 -49.37	147.98 9.86 -30.93	146.75 8.50 -34.62
ASTORIA_GT_11 24225	104.56 4.46 -39.00	101.02 4.68 -30.49	93.60 4.77 -19.74	93.38 4.70 -20.55	91.86 4.50 -19.10	94.26 4.55 -18.54	106.00 5.01 -18.78	119.28 4.94 -39.52	114.55 6.91 -16.78	130.04 6.80 -33.71	142.62 7.91 -40.53	141.57 8.30 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.28 8.86 -35.64	161.97 9.41 -41.91	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.06 9.75 -40.24	151.99 8.47 -49.37	147.98 9.86 -30.93	146.75 8.50 -34.62
ASTORIA_GT_12 24226	104.56 4.46 -39.00	101.02 4.68 -30.49	93.60 4.77 -19.74	93.38 4.70 -20.55	91.86 4.50 -19.10	94.26 4.55 -18.54	106.00 5.01 -18.78	119.28 4.94 -39.52	114.55 6.91 -16.78	130.04 6.80 -33.71	142.62 7.91 -40.53	141.57 8.30 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.28 8.86 -35.64	161.97 9.41 -41.91	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.06 9.75 -40.24	151.99 8.47 -49.37	147.98 9.86 -30.93	146.75 8.50 -34.62
ASTORIA_GT_13 24227	104.56 4.46 -39.00	101.02 4.68 -30.49	93.60 4.77 -19.74	93.38 4.70 -20.55	91.86 4.50 -19.10	94.26 4.55 -18.54	106.00 5.01 -18.78	119.28 4.94 -39.52	114.55 6.91 -16.78	130.04 6.80 -33.71	142.62 7.91 -40.53	141.57 8.30 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.28 8.86 -35.64	161.97 9.41 -41.91	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.06 9.75 -40.24	151.99 8.47 -49.37	147.98 9.86 -30.93	146.75 8.50 -34.62
ASTORIA_GT_5 24106	104.81 4.71 -39.00	101.28 4.94 -30.49	94.02 5.18 -19.74	93.72 5.04 -20.55	92.20 4.85 -19.10	94.40 4.70 -18.54	105.76 4.77 -18.78	118.98 4.64 -39.52	114.28 6.63 -16.78	129.68 6.45 -33.71	142.62 7.91 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.03 7.43 -42.15	139.91 8.10 -40.76	146.18 8.75 -35.64	161.64 9.07 -41.91	181.51 9.55 -59.55	188.77 9.90 -63.80	172.31 9.54 -50.58	161.84 9.53 -40.24	152.08 8.57 -49.37	148.08 9.97 -30.93	147.17 8.91 -34.62
ASTORIA_GT_7 24107	104.81 4.71 -39.00	101.28 4.94 -30.49	94.02 5.18 -19.74	93.72 5.04 -20.55	92.20 4.85 -19.10	94.40 4.70 -18.54	105.76 4.77 -18.78	118.98 4.64 -39.52	114.28 6.63 -16.78	129.68 6.45 -33.71	142.62 7.91 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.03 7.43 -42.15	139.91 8.10 -40.76	146.18 8.75 -35.64	161.64 9.07 -41.91	181.51 9.55 -59.55	188.77 9.90 -63.80	172.31 9.54 -50.58	161.84 9.53 -40.24	152.08 8.57 -49.37	148.08 9.97 -30.93	147.17 8.91 -34.62
ASTORIA_GT_8 24108	104.81 4.71 -39.00	101.28 4.94 -30.49	94.02 5.18 -19.74	93.72 5.04 -20.55	92.20 4.85 -19.10	94.40 4.70 -18.54	105.76 4.77 -18.78	118.98 4.64 -39.52	114.28 6.63 -16.78	129.68 6.45 -33.71	142.62 7.91 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.03 7.43 -42.15	139.91 8.10 -40.76	146.18 8.75 -35.64	161.64 9.07 -41.91	181.51 9.55 -59.55	188.77 9.90 -63.80	172.31 9.54 -50.58	161.84 9.53 -40.24	152.08 8.57 -49.37	148.08 9.97 -30.93	147.17 8.91 -34.62
ASTORIA___2 24149	104.69 4.59 -39.00	101.09 4.74 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.06 4.71 -19.10	94.26 4.56 -18.54	105.67 4.68 -18.78	118.82 4.49 -39.52	114.09 6.45 -16.77	129.49 6.26 -33.70	142.43 7.72 -40.53	141.67 8.39 -37.90	139.61 7.74 -42.83	134.86 7.26 -42.15	139.72 7.92 -40.76	145.97 8.55 -35.64	161.42 8.86 -41.90	181.28 9.32 -59.54	188.53 9.67 -63.79	172.08 9.31 -50.58	161.61 9.30 -40.24	151.90 8.38 -49.37	147.76 9.65 -30.93	146.96 8.71 -34.62
ASTORIA___3 23516	104.63 4.52 -39.00	100.95 4.61 -30.49	93.60 4.76 -19.74	93.37 4.70 -20.55	91.86 4.50 -19.10	94.26 4.56 -18.54	106.00 5.02 -18.78	119.28 4.94 -39.52	114.55 6.90 -16.78	130.04 6.80 -33.71	142.62 7.91 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.27 8.85 -35.64	161.97 9.40 -41.91	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.06 9.75 -40.24	152.00 8.48 -49.37	147.87 9.75 -30.93	146.76 8.50 -34.62
ASTORIA___4 23517	104.56 4.46 -39.00	101.02 4.68 -30.49	93.60 4.77 -19.74	93.38 4.70 -20.55	91.86 4.50 -19.10	94.26 4.55 -18.54	106.00 5.01 -18.78	119.28 4.94 -39.52	114.55 6.91 -16.78	130.04 6.80 -33.71	142.62 7.91 -40.53	141.57 8.30 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.28 8.86 -35.64	161.97 9.41 -41.91	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.06 9.75 -40.24	151.99 8.47 -49.37	147.98 9.86 -30.93	146.75 8.50 -34.62
ASTORIA___5 23518	104.63 4.52 -39.00	100.95 4.61 -30.49	93.60 4.76 -19.74	93.37 4.70 -20.55	91.86 4.50 -19.10	94.26 4.56 -18.54	106.00 5.02 -18.78	119.28 4.94 -39.52	114.55 6.90 -16.78	130.04 6.80 -33.71	142.62 7.91 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.27 8.85 -35.64	161.97 9.40 -41.91	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.06 9.75 -40.24	152.00 8.48 -49.37	147.87 9.75 -30.93	146.76 8.50 -34.62
AST_ENERGY_2_CC3 323677	104.31 4.21 -38.99	100.61 4.28 -30.48	93.32 4.49 -19.73	93.03 4.36 -20.54	91.59 4.23 -19.10	94.11 4.41 -18.54	105.92 4.93 -18.78	119.06 4.72 -39.52	114.19 6.55 -16.77	129.69 6.45 -33.71	142.24 7.54 -40.53	141.09 7.82 -37.90	139.07 7.21 -42.83	134.52 6.92 -42.14	139.27 7.47 -40.76	145.77 8.35 -35.63	161.52 8.96 -41.90	181.28 9.32 -59.55	188.53 9.67 -63.80	171.97 9.20 -50.58	161.50 9.19 -40.24	151.52 8.00 -49.37	147.42 9.32 -30.92	146.23 7.98 -34.61
AST_ENERGY_2_CC4 323678	104.31 4.21 -38.99	100.61 4.28 -30.48	93.32 4.49 -19.73	93.03 4.36 -20.54	91.59 4.23 -19.10	94.11 4.41 -18.54	105.92 4.93 -18.78	119.06 4.72 -39.52	114.19 6.55 -16.77	129.69 6.45 -33.71	142.24 7.54 -40.53	141.09 7.82 -37.90	139.07 7.21 -42.83	134.52 6.92 -42.14	139.27 7.47 -40.76	145.77 8.35 -35.63	161.52 8.96 -41.90	181.28 9.32 -59.55	188.53 9.67 -63.80	171.97 9.20 -50.58	161.50 9.19 -40.24	151.52 8.00 -49.37	147.42 9.32 -30.92	146.23 7.98 -34.61

ATHENS_STG_1 23668	106.75 2.69 -42.95	102.27 2.83 -33.58	93.74 2.90 -21.73	93.62 2.86 -22.64	92.17 2.87 -21.05	94.58 2.99 -20.43	106.35 3.45 -20.70	121.37 3.21 -43.34	112.01 4.27 -16.87	130.65 4.21 -36.91	143.14 4.52 -44.44	141.51 4.58 -41.55	140.27 4.27 -46.97	135.77 4.10 -46.21	140.20 4.46 -44.70	145.85 4.99 -39.07	162.03 5.42 -45.95	183.32 5.62 -65.30	190.78 5.75 -69.95	173.15 5.50 -55.46	161.68 5.49 -44.13	152.89 4.61 -54.13	146.34 5.25 -33.91	146.44 4.67 -38.14
ATHENS_STG_2 23670	106.75 2.69 -42.95	102.27 2.83 -33.58	93.74 2.90 -21.73	93.62 2.86 -22.64	92.17 2.87 -21.05	94.58 2.99 -20.43	106.35 3.45 -20.70	121.37 3.21 -43.34	112.01 4.27 -16.87	130.65 4.21 -36.91	143.14 4.52 -44.44	141.51 4.58 -41.55	140.27 4.27 -46.97	135.77 4.10 -46.21	140.20 4.46 -44.70	145.85 4.99 -39.07	162.03 5.42 -45.95	183.32 5.62 -65.30	190.78 5.75 -69.95	173.15 5.50 -55.46	161.68 5.49 -44.13	152.89 4.61 -54.13	146.34 5.25 -33.91	146.44 4.67 -38.14
ATHENS_STG_3 23677	106.75 2.69 -42.95	102.27 2.83 -33.58	93.74 2.90 -21.73	93.62 2.86 -22.64	92.17 2.87 -21.05	94.58 2.99 -20.43	106.35 3.45 -20.70	121.37 3.21 -43.34	112.01 4.27 -16.87	130.65 4.21 -36.91	143.14 4.52 -44.44	141.51 4.58 -41.55	140.27 4.27 -46.97	135.77 4.10 -46.21	140.20 4.46 -44.70	145.85 4.99 -39.07	162.03 5.42 -45.95	183.32 5.62 -65.30	190.78 5.75 -69.95	173.15 5.50 -55.46	161.68 5.49 -44.13	152.89 4.61 -54.13	146.34 5.25 -33.91	146.44 4.67 -38.14
AUBURN___LFGE 323710	66.65 -0.24 -5.79	69.66 -0.72 -4.52	71.13 -0.90 -2.93	70.29 -0.89 -3.05	70.34 -0.75 -2.83	73.20 -0.71 -2.75	84.58 -0.41 -2.79	81.68 -0.37 -7.24	92.75 -0.82 -2.70	94.88 -0.81 -6.16	100.56 -1.04 -7.42	101.18 -1.14 -6.95	95.72 -1.16 -7.85	92.15 -1.03 -7.72	97.41 -1.09 -7.47	107.19 -1.12 -6.53	117.35 -1.00 -7.69	123.28 -0.22 -11.10	127.31 0.35 -11.89	121.97 -0.56 -10.34	120.19 -0.67 -8.79	102.36 -0.85 -9.06	111.66 -1.18 -5.66	108.96 -1.04 -6.36
BABYLON_RES_REC 323704	121.87 5.44 -55.33	101.86 5.53 -30.47	94.55 5.73 -19.72	94.32 5.65 -20.54	92.95 5.60 -19.10	99.94 5.98 -22.81	142.08 6.91 -52.97	146.98 6.59 -65.58	147.11 8.64 -47.61	147.18 8.41 -49.24	147.31 9.23 -43.90	145.00 9.44 -40.18	144.82 8.73 -47.06	144.54 8.38 -50.70	147.28 9.10 -47.14	151.88 10.39 -39.71	164.25 11.29 -42.30	197.64 11.58 -73.65	217.99 11.74 -91.17	202.66 11.33 -79.14	186.04 11.10 -62.88	161.93 9.51 -58.28	150.30 11.04 -32.07	147.98 9.74 -34.61
BABYLON__69_KV_BK2 356345	122.61 6.17 -55.33	102.72 6.39 -30.47	95.39 6.56 -19.72	95.20 6.54 -20.54	93.77 6.42 -19.10	100.80 6.83 -22.81	143.14 7.97 -52.97	147.95 7.56 -65.58	148.29 9.81 -47.61	148.26 9.49 -49.24	148.43 10.36 -43.90	146.05 10.49 -40.18	145.79 9.70 -47.06	145.47 9.31 -50.70	148.28 10.11 -47.14	153.10 11.60 -39.71	165.80 12.84 -42.30	198.55 12.48 -73.66	220.69 13.46 -92.16	206.11 12.23 -81.69	187.50 12.55 -62.88	168.76 10.07 -64.54	151.58 12.33 -32.08	149.33 11.09 -34.61
BALL_HILL_WT_PWR 323825	64.07 -4.46 -7.42	65.80 -5.86 -5.80	66.29 -6.57 -3.75	65.70 -6.33 -3.91	65.68 -6.21 -3.64	68.14 -6.55 -3.53	78.46 -7.32 -3.57	70.88 -7.18 -3.24	84.95 -9.17 -3.26	83.50 -8.86 -2.83	87.99 -9.51 -3.32	88.91 -9.54 -3.07	83.64 -8.90 -3.51	80.54 -8.37 -3.46	85.55 -8.83 -3.34	94.84 -9.87 -2.93	103.43 -10.62 -3.40	106.87 -10.34 -4.80	109.85 -10.36 -5.14	102.74 -10.99 -1.54	100.64 -11.10 0.33	88.46 -9.70 -4.00	99.11 -10.61 -2.54	97.17 -9.33 -2.86
BARON_WINDS___WT_PWR 323822	67.25 -3.18 -9.32	68.86 -4.28 -7.28	69.05 -4.77 -4.71	68.40 -4.63 -4.91	68.31 -4.51 -4.57	70.89 -4.70 -4.43	81.52 -5.18 -4.49	72.17 -4.86 -2.21	88.69 -6.27 -4.09	85.26 -6.27 -2.00	89.57 -6.87 -2.27	90.37 -7.06 -2.06	84.84 -6.59 -2.39	81.40 -6.41 -2.36	86.59 -6.74 -2.28	96.46 -7.33 -2.00	105.63 -7.31 -2.28	108.90 -6.63 -3.12	111.97 -6.44 -3.34	103.28 -7.18 1.73	100.82 -7.17 4.07	90.43 -6.41 -2.68	101.74 -7.18 -1.74	98.86 -6.73 -1.96
BARRETT_IC_1 23704	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60
BARRETT_IC_10 23701	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60
BARRETT_IC_11 23702	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60
BARRETT_IC_12 23703	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60
BARRETT_IC_2 23705	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60
BARRETT_IC_3 23706	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60
BARRETT_IC_4 23707	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60

BARRETT_IC_5 23708	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60
BARRETT_IC_6 23709	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60
BARRETT_IC_7 23710	121.32 4.89 -55.33	101.40 5.07 -30.47	94.01 5.18 -19.72	93.77 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.31 5.91 -65.58	146.38 7.91 -47.61	146.56 7.79 -49.24	146.73 8.66 -43.90	144.43 8.87 -40.18	144.28 8.19 -47.06	144.02 7.86 -50.70	146.64 8.47 -47.14	151.06 9.57 -39.71	163.25 10.29 -42.30	196.73 10.68 -73.65	216.69 10.93 -90.69	200.52 10.43 -77.90	185.47 10.53 -62.87	158.41 9.04 -55.23	149.54 10.29 -32.07	147.26 9.02 -34.60
BARRETT_IC_8 23711	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60
BARRETT_IC_9 23700	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60
BARRETT___1 23545	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60
BARRETT___2 23546	121.38 4.95 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.33 4.98 -19.10	99.30 5.34 -22.81	141.34 6.17 -52.97	146.30 5.91 -65.58	146.38 7.90 -47.61	146.55 7.78 -49.24	146.74 8.66 -43.90	144.44 8.87 -40.19	144.28 8.19 -47.06	144.01 7.86 -50.70	146.65 8.47 -47.14	151.07 9.56 -39.72	163.26 10.29 -42.31	196.74 10.68 -73.65	216.70 10.94 -90.69	200.52 10.44 -77.90	185.48 10.53 -62.88	158.42 9.04 -55.23	149.45 10.19 -32.08	147.25 9.01 -34.60
BATAVIA__115KV_TB1 55881	64.53 -2.99 -6.42	66.79 -4.08 -5.02	67.72 -4.63 -3.25	67.08 -4.43 -3.38	67.17 -4.23 -3.15	69.80 -4.41 -3.05	80.61 -4.69 -3.09	73.29 -4.86 -3.33	85.68 -8.00 -2.81	85.26 -7.16 -2.89	89.49 -8.10 -3.42	90.15 -8.39 -3.17	84.63 -8.01 -3.61	81.91 -7.09 -3.55	87.38 -7.10 -3.44	96.14 -8.65 -3.01	104.21 -9.96 -3.50	108.15 -9.22 -4.95	112.21 -8.17 -5.31	104.52 -9.98 -2.31	102.65 -10.09 -0.67	89.62 -8.66 -4.13	100.68 -9.11 -2.61	100.45 -6.11 -2.93
BAYONEEC___CTG1 323682	104.19 4.09 -38.99	100.56 4.22 -30.48	93.18 4.36 -19.73	92.96 4.29 -20.54	91.45 4.09 -19.10	94.04 4.34 -18.54	105.92 4.93 -18.78	119.13 4.79 -39.52	114.27 6.63 -16.77	125.31 6.53 -29.25	133.05 7.54 -31.34	132.33 7.72 -29.23	131.30 7.21 -35.06	128.71 6.84 -36.41	131.42 7.47 -32.91	135.01 8.35 -24.88	143.75 9.08 -24.02	151.33 9.44 -29.48	147.86 9.78 -23.01	147.86 9.31 -26.36	143.73 9.30 -22.37	138.15 8.00 -36.00	137.51 9.11 -21.23	135.23 7.78 -23.82
BAYONEEC___CTG10 323750	104.19 4.09 -38.99	100.56 4.22 -30.48	93.18 4.36 -19.73	92.96 4.29 -20.54	91.45 4.09 -19.10	94.04 4.34 -18.54	105.92 4.93 -18.78	119.13 4.79 -39.52	114.27 6.63 -16.77	125.31 6.53 -29.25	133.05 7.54 -31.34	132.33 7.72 -29.23	131.30 7.21 -35.06	128.71 6.84 -36.41	131.42 7.47 -32.91	135.01 8.35 -24.88	143.75 9.08 -24.02	151.33 9.44 -29.48	147.86 9.78 -23.01	147.86 9.31 -26.36	143.73 9.30 -22.37	138.15 8.00 -36.00	137.51 9.11 -21.23	135.23 7.78 -23.82
BAYONEEC___CTG2 323683	104.19 4.09 -38.99	100.56 4.22 -30.48	93.18 4.36 -19.73	92.96 4.29 -20.54	91.45 4.09 -19.10	94.04 4.34 -18.54	105.92 4.93 -18.78	119.13 4.79 -39.52	114.27 6.63 -16.77	125.31 6.53 -29.25	133.05 7.54 -31.34	132.33 7.72 -29.23	131.30 7.21 -35.06	128.71 6.84 -36.41	131.42 7.47 -32.91	135.01 8.35 -24.88	143.75 9.08 -24.02	151.33 9.44 -29.48	147.86 9.78 -23.01	147.86 9.31 -26.36	143.73 9.30 -22.37	138.15 8.00 -36.00	137.51 9.11 -21.23	135.23 7.78 -23.82
BAYONEEC___CTG3 323684	104.19 4.09 -38.99	100.56 4.22 -30.48	93.18 4.36 -19.73	92.96 4.29 -20.54	91.45 4.09 -19.10	94.04 4.34 -18.54	105.92 4.93 -18.78	119.13 4.79 -39.52	114.27 6.63 -16.77	125.31 6.53 -29.25	133.05 7.54 -31.34	132.33 7.72 -29.23	131.30 7.21 -35.06	128.71 6.84 -36.41	131.42 7.47 -32.91	135.01 8.35 -24.88	143.75 9.08 -24.02	151.33 9.44 -29.48	147.86 9.78 -23.01	147.86 9.31 -26.36	143.73 9.30 -22.37	138.15 8.00 -36.00	137.51 9.11 -21.23	135.23 7.78 -23.82
BAYONEEC___CTG4 323685	104.19 4.09 -38.99	100.56 4.22 -30.48	93.18 4.36 -19.73	92.96 4.29 -20.54	91.45 4.09 -19.10	94.04 4.34 -18.54	105.92 4.93 -18.78	119.13 4.79 -39.52	114.27 6.63 -16.77	125.31 6.53 -29.25	133.05 7.54 -31.34	132.33 7.72 -29.23	131.30 7.21 -35.06	128.71 6.84 -36.41	131.42 7.47 -32.91	135.01 8.35 -24.88	143.75 9.08 -24.02	151.33 9.44 -29.48	147.86 9.78 -23.01	147.86 9.31 -26.36	143.73 9.30 -22.37	138.15 8.00 -36.00	137.51 9.11 -21.23	135.23 7.78 -23.82
BAYONEEC___CTG5 323686	104.19 4.09 -38.99	100.56 4.22 -30.48	93.18 4.36 -19.73	92.96 4.29 -20.54	91.45 4.09 -19.10	94.04 4.34 -18.54	105.92 4.93 -18.78	119.13 4.79 -39.52	114.27 6.63 -16.77	125.31 6.53 -29.25	133.05 7.54 -31.34	132.33 7.72 -29.23	131.30 7.21 -35.06	128.71 6.84 -36.41	131.42 7.47 -32.91	135.01 8.35 -24.88	143.75 9.08 -24.02	151.33 9.44 -29.48	147.86 9.78 -23.01	147.86 9.31 -26.36	143.73 9.30 -22.37	138.15 8.00 -36.00	137.51 9.11 -21.23	135.23 7.78 -23.82
BAYONEEC___CTG6 323687	104.19 4.09 -38.99	100.56 4.22 -30.48	93.18 4.36 -19.73	92.96 4.29 -20.54	91.45 4.09 -19.10	94.04 4.34 -18.54	105.92 4.93 -18.78	119.13 4.79 -39.52	114.27 6.63 -16.77	125.31 6.53 -29.25	133.05 7.54 -31.34	132.33 7.72 -29.23	131.30 7.21 -35.06	128.71 6.84 -36.41	131.42 7.47 -32.91	135.01 8.35 -24.88	143.75 9.08 -24.02	151.33 9.44 -29.48	147.86 9.78 -23.01	147.86 9.31 -26.36	143.73 9.30 -22.37	138.15 8.00 -36.00	137.51 9.11 -21.23	135.23 7.78 -23.82

BAYONEEC___CTG7 323688	104.19 4.09 -38.99	100.56 4.22 -30.48	93.18 4.36 -19.73	92.96 4.29 -20.54	91.45 4.09 -19.10	94.04 4.34 -18.54	105.92 4.93 -18.78	119.13 4.79 -39.52	114.27 6.63 -16.77	125.31 6.53 -29.25	133.05 7.54 -31.34	132.33 7.72 -29.23	131.30 7.21 -35.06	128.71 6.84 -36.41	131.42 7.47 -32.91	135.01 8.35 -24.88	143.75 9.08 -24.02	151.33 9.44 -29.48	147.86 9.78 -23.01	147.86 9.31 -26.36	143.73 9.30 -22.37	138.15 8.00 -36.00	137.51 9.11 -21.23	135.23 7.78 -23.82
BAYONEEC___CTG8 323689	104.19 4.09 -38.99	100.56 4.22 -30.48	93.18 4.36 -19.73	92.96 4.29 -20.54	91.45 4.09 -19.10	94.04 4.34 -18.54	105.92 4.93 -18.78	119.13 4.79 -39.52	114.27 6.63 -16.77	125.31 6.53 -29.25	133.05 7.54 -31.34	132.33 7.72 -29.23	131.30 7.21 -35.06	128.71 6.84 -36.41	131.42 7.47 -32.91	135.01 8.35 -24.88	143.75 9.08 -24.02	151.33 9.44 -29.48	147.86 9.78 -23.01	147.86 9.31 -26.36	143.73 9.30 -22.37	138.15 8.00 -36.00	137.51 9.11 -21.23	135.23 7.78 -23.82
BAYONEEC___CTG9 323749	104.19 4.09 -38.99	100.56 4.22 -30.48	93.18 4.36 -19.73	92.96 4.29 -20.54	91.45 4.09 -19.10	94.04 4.34 -18.54	105.92 4.93 -18.78	119.13 4.79 -39.52	114.27 6.63 -16.77	125.31 6.53 -29.25	133.05 7.54 -31.34	132.33 7.72 -29.23	131.30 7.21 -35.06	128.71 6.84 -36.41	131.42 7.47 -32.91	135.01 8.35 -24.88	143.75 9.08 -24.02	151.33 9.44 -29.48	147.86 9.78 -23.01	147.86 9.31 -26.36	143.73 9.30 -22.37	138.15 8.00 -36.00	137.51 9.11 -21.23	135.23 7.78 -23.82
BEACON___LESR 323632	112.25 3.36 -47.78	106.70 3.49 -37.35	96.94 3.66 -24.18	96.91 3.61 -25.18	95.42 3.75 -23.41	97.72 3.84 -22.73	109.66 4.44 -23.02	126.84 3.81 -48.21	137.10 4.63 -41.60	136.02 4.65 -41.85	148.41 4.80 -49.44	146.46 4.86 -46.23	145.73 4.45 -52.25	141.22 4.36 -51.41	145.31 4.55 -49.72	149.94 4.68 -43.47	166.76 4.98 -51.11	190.33 5.28 -72.64	198.42 5.52 -77.82	179.28 5.38 -61.70	166.31 5.16 -49.09	158.61 4.24 -60.21	149.84 4.93 -37.72	151.13 5.08 -42.42
BEAVER RIVER___HYD 24048	64.52 1.59 -1.83	68.93 1.65 -1.43	71.62 1.59 -0.92	70.72 1.63 -0.96	70.72 1.57 -0.90	73.81 1.78 -0.87	84.81 1.73 -0.88	79.13 2.47 -1.84	92.77 1.82 -0.08	92.77 1.70 -1.55	97.95 1.88 -1.89	98.95 1.81 -1.77	92.64 1.60 -2.00	88.53 1.11 -1.97	93.67 0.72 -1.90	104.87 1.42 -1.66	114.61 1.99 -1.96	117.88 2.69 -2.78	121.04 2.99 -2.98	117.01 2.47 -2.36	116.19 2.24 -1.88	98.05 1.60 -2.30	110.23 1.61 -1.44	107.22 1.96 -1.62
BEEBEE_GT_13 23619	64.67 -2.08 -5.64	67.37 -2.90 -4.41	68.64 -3.32 -2.85	67.89 -3.20 -2.97	67.94 -3.07 -2.76	70.64 -3.20 -2.68	81.72 -3.21 -2.72	74.25 -3.97 -3.39	87.23 -6.09 -2.45	86.64 -5.82 -2.93	91.15 -6.50 -3.48	91.83 -6.77 -3.23	86.30 -6.41 -3.67	83.34 -5.73 -3.62	88.89 -7.02 -3.50	97.82 -7.02 -3.06	106.05 -8.19 -3.57	109.93 -7.53 -5.05	113.81 -6.67 -5.41	106.89 -8.19 -2.89	105.21 -8.29 -1.43	91.30 -7.06 -4.21	102.23 -7.61 -2.66	101.44 -5.18 -2.99
BENSHRST_27_KV_BENSHRST_1 355998	105.05 4.95 -39.00	101.48 5.14 -30.49	94.09 5.25 -19.74	93.86 5.18 -20.55	92.27 4.91 -19.10	94.68 4.98 -18.54	106.50 5.51 -18.78	119.80 5.46 -39.52	115.28 7.63 -16.78	130.67 7.43 -33.71	143.27 8.57 -40.53	142.24 8.97 -37.90	140.15 8.28 -42.83	135.46 7.86 -42.15	140.36 8.56 -40.76	146.99 9.57 -35.64	163.08 10.51 -41.91	283.09 11.13 -159.55	290.38 11.51 -163.80	338.34 10.99 -215.16	263.29 10.98 -140.24	152.93 9.41 -49.37	148.83 10.72 -30.93	147.38 9.12 -34.62
BETHLEHEM___GRP 23843	111.31 2.38 -47.82	105.74 2.50 -37.38	95.85 2.56 -24.19	95.91 2.59 -25.20	94.28 2.59 -23.43	96.61 2.70 -22.74	108.28 3.04 -23.04	125.53 2.47 -48.25	134.81 3.00 -40.94	134.51 3.13 -41.85	146.66 3.01 -49.47	144.78 3.15 -46.26	144.26 2.94 -52.29	139.72 2.82 -51.45	143.80 3.00 -49.76	148.03 2.75 -43.50	164.58 2.77 -51.15	187.91 2.81 -72.69	195.83 2.88 -77.88	176.63 2.69 -61.75	163.88 2.69 -49.12	156.76 2.35 -60.26	147.72 2.79 -37.75	149.30 3.21 -42.45
BETHLEHEM___GS1 323560	111.37 2.45 -47.82	105.74 2.50 -37.38	95.85 2.56 -24.19	95.91 2.59 -25.20	94.28 2.59 -23.43	96.60 2.70 -22.74	108.29 3.04 -23.04	125.53 2.47 -48.25	134.81 2.99 -40.94	134.51 3.13 -41.85	146.66 3.01 -49.47	144.78 3.14 -46.26	144.25 2.93 -52.29	139.72 2.82 -51.45	143.80 3.00 -49.76	148.03 2.75 -43.50	164.58 2.77 -51.15	187.91 2.81 -72.69	195.83 2.88 -77.88	176.62 2.69 -61.75	163.88 2.69 -49.12	156.76 2.35 -60.26	147.71 2.78 -37.75	149.30 3.22 -42.45
BETHLEHEM___GS2 323561	111.37 2.45 -47.82	105.74 2.50 -37.38	95.85 2.56 -24.19	95.91 2.59 -25.20	94.28 2.59 -23.43	96.60 2.70 -22.74	108.29 3.04 -23.04	125.53 2.47 -48.25	134.81 2.99 -40.94	134.51 3.13 -41.85	146.66 3.01 -49.47	144.78 3.14 -46.26	144.25 2.93 -52.29	139.72 2.82 -51.45	143.80 3.00 -49.76	148.03 2.75 -43.50	164.58 2.77 -51.15	187.91 2.81 -72.69	195.83 2.88 -77.88	176.62 2.69 -61.75	163.88 2.69 -49.12	156.76 2.35 -60.26	147.71 2.78 -37.75	149.30 3.22 -42.45
BETHLEHEM___GS3 323562	111.37 2.45 -47.82	105.74 2.50 -37.38	95.85 2.56 -24.19	95.91 2.59 -25.20	94.28 2.59 -23.43	96.60 2.70 -22.74	108.29 3.04 -23.04	125.53 2.47 -48.25	134.81 2.99 -40.94	134.51 3.13 -41.85	146.66 3.01 -49.47	144.78 3.14 -46.26	144.25 2.93 -52.29	139.72 2.82 -51.45	143.80 3.00 -49.76	148.03 2.75 -43.50	164.58 2.77 -51.15	187.91 2.81 -72.69	195.83 2.88 -77.88	176.62 2.69 -61.75	163.88 2.69 -49.12	156.76 2.35 -60.26	147.71 2.78 -37.75	149.30 3.22 -42.45
BETHLEHEM___STEEL 23779	63.64 -4.77 -7.30	65.57 -5.99 -5.71	66.16 -6.63 -3.69	65.57 -6.40 -3.85	65.55 -6.28 -3.58	67.94 -6.69 -3.47	78.24 -7.48 -3.52	70.57 -7.48 -3.23	84.44 -9.63 -3.20	83.04 -9.31 -2.83	87.60 -9.89 -3.32	88.52 -9.92 -3.06	83.19 -9.35 -3.50	80.18 -8.72 -3.45	85.18 -9.20 -3.34	94.42 -10.28 -2.92	102.87 -11.18 -3.39	106.29 -10.90 -4.79	109.61 -10.59 -5.13	102.24 -11.56 -1.60	100.28 -11.54 0.24	88.07 -10.07 -3.99	98.89 -10.83 -2.54	97.06 -9.43 -2.85
BETHLHEM_115KV_TB1 79974	111.27 2.38 -47.77	105.64 2.44 -37.35	95.83 2.56 -24.17	95.82 2.52 -25.18	94.26 2.59 -23.41	96.51 2.63 -22.72	108.26 3.04 -23.02	125.57 2.54 -48.20	133.47 3.09 -39.51	134.43 3.13 -41.77	146.71 3.11 -49.43	144.84 3.24 -46.22	144.30 3.03 -52.24	139.76 2.91 -51.40	143.85 3.10 -49.72	148.20 2.95 -43.46	164.76 2.99 -51.11	188.18 3.15 -72.63	196.10 3.22 -77.81	176.91 3.03 -61.69	164.18 3.03 -49.08	156.90 2.54 -60.21	147.90 3.00 -37.72	149.37 3.32 -42.41
BETHPAGE_CC_5 323564	121.50 5.07 -55.33	101.53 5.20 -30.47	94.22 5.39 -19.72	93.98 5.32 -20.54	92.61 5.26 -19.10	99.52 5.55 -22.81	141.59 6.42 -52.97	146.53 6.14 -65.58	146.56 8.08 -47.61	146.83 8.06 -49.24	147.31 9.23 -43.90	145.00 9.44 -40.18	144.82 8.73 -47.06	144.54 8.38 -50.70	147.19 9.01 -47.14	151.67 10.18 -39.71	163.92 10.96 -42.30	197.40 11.35 -73.65	217.38 11.62 -90.69	201.20 11.11 -77.90	186.04 11.10 -62.87	158.79 9.41 -55.23	149.86 10.61 -32.07	147.57 9.33 -34.60
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	63.60 -4.89 -7.38	65.43 -6.19 -5.77	65.99 -6.84 -3.73	65.40 -6.61 -3.89	65.38 -6.48 -3.62	67.76 -6.90 -3.51	78.03 -7.73 -3.55	70.57 -7.48 -3.24	84.84 -9.27 -3.24	83.31 -9.04 -2.83	87.98 -9.51 -3.32	89.00 -9.44 -3.07	83.64 -8.90 -3.51	80.44 -8.46 -3.45	85.37 -9.01 -3.34	94.83 -9.87 -2.92	103.65 -10.40 -3.39	107.08 -10.12 -4.79	110.19 -10.01 -5.13	102.98 -10.77 -1.56	100.89 -10.87 0.31	88.64 -9.51 -4.00	99.32 -10.40 -2.54	96.95 -9.53 -2.85

BINGHAMTON___COGEN 23790	73.80 -0.43 -13.12	75.32 -0.79 -10.25	74.70 -1.04 -6.64	74.08 -0.95 -6.91	73.72 -0.96 -6.43	76.47 -0.93 -6.24	87.62 -0.90 -6.32	85.39 -0.75 -11.32	96.36 -0.91 -6.40	98.26 -0.98 -9.71	104.75 -1.04 -11.61	105.16 -1.05 -10.84	100.32 -0.98 -12.27	96.50 -1.03 -12.07	101.62 -1.09 -11.68	111.08 -0.92 -10.21	121.98 -0.66 -11.99	130.34 -0.11 -18.04	134.52 0.12 -19.33	126.20 -0.56 -14.58	122.64 -0.56 -11.13	107.52 -0.75 -14.12	115.19 -0.86 -8.86	112.56 -1.04 -9.96
BIXINCNT_115KV_LOAD 355685	61.58 -7.27 -7.74	63.22 -8.69 -6.05	63.55 -9.47 -3.92	63.01 -9.20 -4.08	63.24 -8.80 -3.79	65.38 -9.46 -3.68	75.33 -10.60 -3.73	68.57 -9.43 -3.17	83.46 -10.81 -3.40	81.39 -10.92 -2.78	86.50 -10.92 -3.25	87.41 -10.97 -3.00	82.05 -10.42 -3.44	78.58 -10.25 -3.38	83.02 -11.29 -3.27	92.95 -11.71 -2.87	102.69 -11.29 -3.32	105.74 -11.35 -4.68	108.35 -11.74 -5.02	101.49 -11.89 -1.19	99.42 -11.88 0.77	87.52 -10.54 -3.91	98.10 -11.58 -2.49	94.10 -12.33 -2.80
BLACK RIVER___HYD 24047	66.21 2.51 -2.59	70.32 2.44 -2.03	72.83 2.42 -1.31	72.01 2.52 -1.37	71.98 2.45 -1.27	75.09 2.70 -1.23	86.58 3.12 -1.25	81.18 3.74 -2.62	94.62 3.64 -0.11	95.13 3.40 -2.20	100.24 3.39 -2.69	101.22 3.34 -2.51	94.90 3.03 -2.84	90.81 2.56 -2.79	96.10 2.36 -2.70	107.71 3.56 -2.36	118.19 4.76 -2.78	122.31 5.95 -3.94	125.85 6.56 -4.23	121.15 5.61 -3.35	120.00 5.27 -2.67	101.28 3.86 -3.27	113.40 4.18 -2.05	110.19 4.25 -2.30
BLACKRVR_115KV_TB2 79977	66.21 2.51 -2.59	70.32 2.44 -2.03	72.83 2.42 -1.31	72.01 2.52 -1.37	71.98 2.46 -1.27	75.10 2.70 -1.23	86.58 3.12 -1.25	81.18 3.74 -2.62	94.62 3.63 -0.11	95.13 3.40 -2.20	100.25 3.39 -2.69	101.22 3.34 -2.51	94.90 3.03 -2.84	90.81 2.56 -2.79	96.11 2.37 -2.70	107.71 3.56 -2.36	118.20 4.76 -2.78	122.31 5.96 -3.94	125.86 6.56 -4.23	121.15 5.61 -3.35	120.11 5.38 -2.67	101.28 3.86 -3.27	113.41 4.18 -2.05	110.19 4.25 -2.30
BLISS_WT_PWR 323608	61.09 -7.76 -7.74	62.49 -9.42 -6.05	62.79 -10.23 -3.92	62.26 -9.95 -4.08	62.56 -9.49 -3.79	64.60 -10.25 -3.68	74.43 -11.51 -3.73	67.82 -10.17 -3.17	82.55 -11.72 -3.40	80.40 -11.91 -2.78	85.56 -11.87 -3.25	86.45 -11.92 -3.00	81.16 -11.31 -3.44	77.73 -11.11 -3.38	82.12 -12.20 -3.27	91.92 -12.73 -2.87	101.70 -12.29 -3.32	104.51 -12.59 -4.68	107.20 -12.89 -5.02	100.37 -13.01 -1.19	98.30 -13.00 0.77	86.48 -11.58 -3.91	97.02 -12.65 -2.49	93.07 -13.37 -2.80
BLUESTONE___WT_PWR 323821	77.80 2.63 -14.07	79.22 2.37 -11.00	78.49 2.28 -7.12	77.99 2.45 -7.41	77.53 2.39 -6.89	80.41 2.56 -6.69	92.10 3.12 -6.78	94.46 3.37 -16.28	104.09 3.99 -9.23	107.24 3.76 -13.96	114.64 3.77 -16.69	114.91 3.91 -15.62	110.14 3.47 -17.64	105.88 3.07 -17.36	110.74 2.91 -16.79	120.42 3.97 -14.67	133.25 5.31 -17.28	144.24 6.52 -25.31	149.33 7.14 -27.12	141.42 6.17 -23.06	137.43 6.05 -19.31	119.21 4.71 -20.35	125.16 5.25 -12.73	122.72 4.77 -14.31
BLUE_CIRC_CHEM_DRP 24182	110.76 2.57 -47.08	105.37 2.70 -36.81	95.76 2.83 -23.82	95.73 2.79 -24.81	94.19 2.87 -23.07	96.47 2.92 -22.40	108.18 3.29 -22.69	125.10 2.77 -47.51	127.82 3.45 -33.50	133.91 3.40 -40.98	146.28 3.39 -48.72	144.46 3.53 -45.55	143.81 3.29 -51.49	139.28 3.16 -50.66	143.41 3.37 -49.00	148.18 3.56 -42.84	164.91 3.87 -50.37	187.92 3.93 -71.58	195.90 4.14 -76.69	176.92 3.93 -60.80	164.36 3.92 -48.37	156.78 3.30 -59.34	148.21 3.86 -37.17	149.37 3.94 -41.80
BOC_GAS_DRP 24189	110.79 2.14 -47.55	105.27 2.24 -37.17	95.51 2.35 -24.06	95.50 2.32 -25.05	93.87 2.32 -23.30	96.19 2.42 -22.62	107.83 2.71 -22.91	125.19 2.39 -47.97	125.52 3.09 -31.56	133.87 3.04 -41.30	146.57 3.20 -49.20	144.62 3.24 -46.00	144.05 3.03 -51.99	139.52 2.91 -51.16	143.61 3.10 -49.48	148.40 3.36 -43.25	165.07 3.54 -50.86	188.29 3.60 -72.28	196.31 3.80 -77.44	177.18 3.59 -61.40	164.50 3.59 -48.85	157.08 3.01 -59.92	148.25 3.54 -37.54	149.16 3.32 -42.21
BOONVILLE_115KV_TB1 79983	64.57 1.96 -1.50	69.07 2.04 -1.18	71.93 2.07 -0.76	71.03 2.11 -0.79	71.10 2.12 -0.74	74.15 2.28 -0.72	85.48 2.55 -0.72	79.18 2.84 -1.52	93.75 2.82 -0.07	93.58 2.78 -1.27	98.65 2.92 -1.56	99.69 2.86 -1.45	93.35 2.67 -1.64	89.38 2.31 -1.62	94.79 2.18 -1.56	106.00 2.85 -1.37	115.70 3.43 -1.61	118.74 4.05 -2.29	121.78 4.26 -2.45	117.95 3.81 -1.94	117.31 3.70 -1.54	98.87 2.82 -1.90	111.48 3.11 -1.19	107.98 3.01 -1.33
BORALEX_4TH_BRANCH 23824	113.25 4.46 -47.68	107.81 4.68 -37.28	98.07 4.84 -24.13	98.02 4.77 -25.13	96.40 4.78 -23.37	98.89 5.05 -22.68	111.18 6.00 -22.98	128.32 5.39 -48.11	148.90 6.91 -51.13	138.33 6.71 -42.09	150.20 6.69 -49.34	148.18 6.68 -46.13	147.32 6.14 -52.14	142.66 5.90 -51.31	146.94 6.28 -49.62	152.60 7.43 -43.38	169.75 8.08 -51.01	193.11 8.21 -72.49	201.14 8.40 -77.66	181.73 7.97 -61.58	168.79 7.73 -48.99	160.74 6.50 -60.09	152.01 7.18 -37.65	152.29 6.32 -42.33
BOWLINE___1 23526	102.36 3.36 -37.90	98.97 3.49 -29.63	91.87 3.59 -19.18	91.64 3.54 -19.97	90.23 3.41 -18.57	92.81 3.63 -18.03	104.65 4.19 -18.26	117.27 4.11 -38.33	112.80 5.64 -16.29	127.78 5.55 -32.70	139.60 6.12 -39.31	138.42 6.29 -36.76	136.45 5.87 -41.54	131.97 5.64 -40.88	136.68 6.10 -39.54	143.27 6.92 -34.56	158.83 7.53 -40.64	178.03 7.87 -57.76	185.12 8.17 -61.88	168.99 7.74 -49.06	158.83 7.73 -39.03	148.52 6.49 -47.88	144.57 7.39 -30.00	143.60 6.32 -33.64
BOWLINE___2 23595	102.37 3.36 -37.90	98.98 3.49 -29.63	91.87 3.59 -19.18	91.64 3.54 -19.97	90.24 3.41 -18.57	92.81 3.63 -18.03	104.66 4.19 -18.26	117.27 4.11 -38.34	112.80 5.64 -16.29	127.78 5.55 -32.70	139.61 6.12 -39.31	138.43 6.29 -36.76	136.46 5.87 -41.55	131.97 5.64 -40.88	136.68 6.10 -39.54	143.28 6.92 -34.57	158.84 7.53 -40.65	178.04 7.87 -57.76	185.13 8.17 -61.88	168.99 7.74 -49.07	158.83 7.73 -39.04	148.52 6.49 -47.88	144.57 7.39 -30.00	143.60 6.32 -33.65
BRADY___115KV_TB2 356060	60.92 -0.18 0.00	66.12 0.26 0.00	69.51 0.41 0.00	68.47 0.34 0.00	68.46 0.20 0.00	71.44 0.28 0.00	82.20 0.00 0.00	75.04 0.22 0.00	90.69 -0.18 0.00	89.26 -0.27 0.00	93.80 -0.38 0.00	94.90 -0.48 0.00	88.68 -0.36 0.00	84.85 -0.60 0.00	90.04 -1.00 0.00	100.67 -1.12 0.00	109.55 -1.11 0.00	111.06 -1.35 0.00	112.66 -2.42 0.00	111.18 -1.01 0.00	111.06 -1.01 0.00	93.49 -0.66 0.00	106.43 -0.75 0.00	103.43 -0.21 0.00
BRANSCOMB___SOLAR 323811	114.58 4.34 -49.13	108.75 4.48 -38.41	98.66 4.70 -24.86	98.71 4.70 -25.89	97.17 4.85 -24.08	99.51 4.98 -23.37	111.63 5.75 -23.67	129.71 5.31 -49.57	162.13 6.72 -64.53	139.83 6.53 -43.78	151.80 6.78 -50.84	149.58 6.67 -47.53	148.99 6.23 -53.73	144.30 5.98 -52.86	148.36 6.19 -51.13	153.71 7.23 -44.70	171.41 8.19 -52.56	195.76 8.66 -74.69	204.08 8.98 -80.02	184.39 8.76 -63.45	170.95 8.41 -50.48	163.03 6.97 -61.92	153.79 7.82 -38.79	154.51 7.25 -43.62
BRENTWOD_69_KV_W. BRTWOOD 56703	122.49 6.05 -55.33	102.65 6.32 -30.47	95.32 6.50 -19.72	95.07 6.40 -20.54	93.70 6.35 -19.10	100.73 6.76 -22.81	142.98 7.81 -52.97	147.73 7.33 -65.58	148.02 9.54 -47.61	147.99 9.22 -49.24	148.05 9.98 -43.90	145.67 10.11 -40.18	145.44 9.35 -47.06	145.13 8.97 -50.70	147.92 9.74 -47.14	152.59 11.09 -39.71	165.24 12.28 -42.30	197.42 11.35 -73.66	219.41 12.54 -91.79	203.93 10.99 -80.75	186.60 11.66 -62.88	165.50 9.13 -62.22	150.94 11.68 -32.07	148.92 10.67 -34.61

BRISTLHL_115KV_TB1 79998	65.63 0.37 -4.15	69.11 0.00 -3.25	70.99 -0.21 -2.10	70.18 -0.14 -2.19	70.22 -0.07 -2.04	73.06 -0.07 -1.98	84.37 0.16 -2.00	79.24 0.22 -4.19	91.05 0.00 -0.18	93.05 0.00 -3.52	98.38 -0.09 -4.30	99.30 -0.10 -4.02	93.49 -0.09 -4.54	89.92 0.00 -4.47	95.27 -0.09 -4.32	105.77 0.20 -3.78	115.44 0.33 -4.45	119.85 1.12 -6.32	123.57 1.73 -6.77	118.23 0.67 -5.37	116.90 0.56 -4.27	99.57 0.19 -5.24	110.57 0.11 -3.28	107.53 0.21 -3.69
BROOKHAVEN___DRP 24191	122.18 5.74 -55.33	102.26 5.93 -30.47	94.90 6.08 -19.72	94.73 6.06 -20.54	93.29 5.94 -19.10	100.16 6.19 -22.81	142.40 7.23 -52.97	147.28 6.88 -65.58	147.47 9.00 -47.61	147.45 8.68 -49.24	147.30 9.23 -43.90	144.90 9.35 -40.18	144.64 8.55 -47.06	144.36 8.20 -50.70	147.19 9.01 -47.14	151.88 10.38 -39.71	164.58 11.62 -42.30	198.09 11.92 -73.77	229.17 12.54 -101.56	229.89 11.67 -106.03	186.97 11.99 -62.91	228.20 9.79 -124.26	150.87 11.58 -32.11	148.54 10.26 -34.65
BROOKLYN_NAVY_YARD 23515	104.13 4.03 -38.99	100.42 4.08 -30.48	93.11 4.29 -19.73	92.89 4.23 -20.54	91.38 4.03 -19.10	93.97 4.27 -18.54	106.00 5.02 -18.78	119.28 4.94 -39.52	114.46 6.82 -16.77	130.04 6.80 -33.71	142.51 7.81 -40.53	141.28 8.01 -37.90	139.34 7.48 -42.83	134.69 7.09 -42.14	139.45 7.65 -40.76	146.07 8.65 -35.63	161.86 9.30 -41.90	181.73 9.77 -59.55	189.00 10.13 -63.80	172.42 9.65 -50.58	161.95 9.64 -40.24	151.81 8.29 -49.37	147.54 9.43 -30.92	146.23 7.98 -34.61
BROOKLYN___ARMY_DRP 323595	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
BROOKVLE_69_KV_TB1 55790	121.75 5.32 -55.33	101.80 5.47 -30.47	94.42 5.60 -19.72	94.18 5.52 -20.54	92.81 5.46 -19.10	99.73 5.76 -22.81	141.91 6.74 -52.97	146.83 6.43 -65.58	147.02 8.54 -47.61	147.27 8.50 -49.24	147.49 9.42 -43.90	145.29 9.73 -40.18	145.08 8.99 -47.06	144.70 8.55 -50.70	147.46 9.29 -47.14	151.98 10.48 -39.71	164.36 11.40 -42.30	197.97 11.92 -73.65	218.08 12.31 -90.69	201.87 11.78 -77.90	186.60 11.66 -62.87	159.26 9.89 -55.23	150.40 11.15 -32.07	147.98 9.74 -34.60
BROOME_2_LFGE 323671	73.92 -0.30 -13.12	75.32 -0.79 -10.25	74.70 -1.03 -6.64	74.08 -0.95 -6.91	73.72 -0.96 -6.43	76.47 -0.93 -6.24	87.62 -0.90 -6.32	85.39 -0.75 -11.32	96.36 -0.91 -6.40	98.26 -0.98 -9.71	104.75 -1.03 -11.61	105.17 -1.05 -10.84	100.33 -0.98 -12.27	96.50 -1.02 -12.07	101.63 -1.09 -11.68	111.08 -0.92 -10.21	121.99 -0.66 -11.99	130.23 -0.22 -18.04	134.40 0.00 -19.33	126.21 -0.56 -14.58	122.64 -0.56 -11.13	107.51 -0.76 -14.12	115.08 -0.97 -8.86	112.56 -1.04 -9.96
BROOME___LFGE 323600	73.92 -0.30 -13.12	75.32 -0.79 -10.25	74.70 -1.03 -6.64	74.08 -0.95 -6.91	73.72 -0.96 -6.43	76.47 -0.93 -6.24	87.62 -0.90 -6.32	85.39 -0.75 -11.32	96.36 -0.91 -6.40	98.26 -0.98 -9.71	104.75 -1.03 -11.61	105.17 -1.05 -10.84	100.33 -0.98 -12.27	96.50 -1.02 -12.07	101.63 -1.09 -11.68	111.08 -0.92 -10.21	121.99 -0.66 -11.99	130.23 -0.22 -18.04	134.40 0.00 -19.33	126.21 -0.56 -14.58	122.64 -0.56 -11.13	107.51 -0.76 -14.12	115.08 -0.97 -8.86	112.56 -1.04 -9.96
BROWNFLS_115KV_TB_3_5 80003	62.82 0.43 -1.28	67.45 0.59 -1.00	70.37 0.62 -0.65	69.48 0.68 -0.67	69.36 0.48 -0.63	72.34 0.57 -0.61	83.15 0.33 -0.62	77.08 0.97 -1.29	91.20 0.27 -0.06	90.79 0.18 -1.09	95.78 0.28 -1.33	96.80 0.19 -1.24	90.52 0.09 -1.40	86.49 -0.34 -1.38	91.46 -0.91 -1.33	102.14 -0.81 -1.17	111.26 -0.77 -1.37	113.91 -0.45 -1.95	116.24 -0.92 -2.09	113.39 -0.45 -1.65	112.82 -0.56 -1.32	95.29 -0.47 -1.61	107.66 -0.54 -1.01	104.88 0.10 -1.14
BROWNSV1_27_KV_LOAD 356125	104.68 4.58 -38.99	101.08 4.74 -30.48	93.73 4.91 -19.73	93.51 4.84 -20.54	92.00 4.64 -19.10	94.61 4.91 -18.54	106.66 5.67 -18.78	119.80 5.46 -39.52	115.09 7.45 -16.77	130.67 7.43 -33.71	143.08 8.38 -40.53	141.95 8.68 -37.90	139.88 8.01 -42.83	135.29 7.69 -42.14	140.09 8.28 -40.76	146.68 9.26 -35.63	162.75 10.18 -41.90	182.52 10.57 -59.55	189.80 10.93 -63.80	173.32 10.55 -50.58	162.84 10.53 -40.24	152.46 8.94 -49.36	148.29 10.18 -30.92	146.95 8.71 -34.61
BURROWS___LYONSDAL 23803	64.57 1.89 -1.57	68.99 1.91 -1.22	71.83 1.93 -0.79	70.93 1.98 -0.83	71.00 1.98 -0.77	74.11 2.21 -0.75	85.26 2.30 -0.75	79.17 2.77 -1.58	93.48 2.54 -0.07	93.36 2.51 -1.33	98.43 2.64 -1.62	99.46 2.58 -1.52	93.06 2.31 -1.71	89.10 1.97 -1.69	94.40 1.73 -1.63	105.65 2.44 -1.43	115.44 3.10 -1.68	118.39 3.60 -2.38	121.42 3.80 -2.55	117.58 3.37 -2.02	116.93 3.25 -1.61	98.57 2.45 -1.98	111.10 2.68 -1.24	107.72 2.69 -1.39
CAITHNESS_CC_1 323624	122.05 5.62 -55.33	102.13 5.80 -30.47	94.77 5.94 -19.72	94.59 5.92 -20.54	93.15 5.80 -19.10	100.01 6.04 -22.81	142.15 6.98 -52.97	147.05 6.66 -65.58	147.20 8.72 -47.61	147.18 8.41 -49.24	147.11 9.04 -43.90	144.71 9.16 -40.18	144.55 8.46 -47.06	144.28 8.12 -50.70	147.00 8.83 -47.14	151.67 10.18 -39.71	164.25 11.29 -42.30	197.87 11.69 -73.77	228.15 11.51 -101.57	229.58 11.33 -106.06	185.85 10.87 -62.91	227.98 9.51 -124.32	150.54 11.25 -32.11	148.33 10.05 -34.65
CALPINE BETH_PAGE_GT4 24209	121.26 4.83 -55.33	101.34 5.01 -30.47	93.94 5.11 -19.72	93.71 5.04 -20.54	92.33 4.98 -19.10	99.23 5.27 -22.81	141.25 6.08 -52.97	146.23 5.84 -65.58	146.20 7.72 -47.61	146.56 7.79 -49.24	147.30 9.23 -43.90	145.00 9.44 -40.18	144.82 8.73 -47.06	144.53 8.37 -50.70	147.19 9.01 -47.14	151.67 10.18 -39.71	163.80 10.84 -42.30	197.18 11.13 -73.65	217.27 11.51 -90.69	201.08 10.99 -77.90	185.92 10.98 -62.87	158.70 9.32 -55.23	149.75 10.50 -32.07	147.36 9.12 -34.60
CALPINE_BETH_PAGE_GT_4 323586	121.26 4.83 -55.33	101.27 4.94 -30.47	93.94 5.11 -19.72	93.71 5.04 -20.54	92.33 4.98 -19.10	99.23 5.27 -22.81	141.25 6.08 -52.97	146.23 5.84 -65.58	146.19 7.72 -47.61	146.55 7.78 -49.24	147.31 9.23 -43.90	145.00 9.44 -40.18	144.82 8.73 -47.06	144.54 8.38 -50.70	147.19 9.01 -47.14	151.67 10.18 -39.71	163.81 10.85 -42.30	197.19 11.13 -73.65	217.27 11.51 -90.69	201.09 11.00 -77.90	185.93 10.99 -62.87	158.61 9.23 -55.23	149.65 10.39 -32.07	147.36 9.12 -34.60
CALPINE_BP_GT1 23823	121.26 4.83 -55.33	101.27 4.94 -30.47	93.94 5.11 -19.72	93.71 5.04 -20.54	92.33 4.98 -19.10	99.23 5.27 -22.81	141.25 6.08 -52.97	146.23 5.84 -65.58	146.19 7.72 -47.61	146.55 7.78 -49.24	147.31 9.23 -43.90	145.00 9.44 -40.18	144.82 8.73 -47.06	144.54 8.38 -50.70	147.19 9.01 -47.14	151.67 10.18 -39.71	163.81 10.85 -42.30	197.19 11.13 -73.65	217.27 11.51 -90.69	201.09 11.00 -77.90	185.93 10.99 -62.87	158.61 9.23 -55.23	149.65 10.39 -32.07	147.36 9.12 -34.60
CALSPAN___DRP 24200	63.64 -4.77 -7.30	65.57 -5.99 -5.71	66.16 -6.63 -3.69	65.57 -6.40 -3.85	65.55 -6.28 -3.58	67.94 -6.69 -3.47	78.24 -7.48 -3.52	70.57 -7.48 -3.23	84.44 -9.63 -3.20	83.04 -9.31 -2.83	87.60 -9.89 -3.32	88.52 -9.92 -3.06	83.19 -9.35 -3.50	80.18 -8.72 -3.45	85.18 -9.20 -3.34	94.42 -10.28 -2.92	102.87 -11.18 -3.39	106.29 -10.90 -4.79	109.61 -10.59 -5.13	102.24 -11.56 -1.60	100.28 -11.54 0.24	88.07 -10.07 -3.99	98.89 -10.83 -2.54	97.06 -9.43 -2.85

CALVERTON___SOLAR 323806	122.36 5.93 -55.33	102.39 6.06 -30.47	95.04 6.22 -19.72	94.86 6.20 -20.54	93.42 6.07 -19.10	100.30 6.33 -22.81	142.57 7.40 -52.97	147.43 7.03 -65.58	147.65 9.17 -47.61	147.63 8.86 -49.24	147.40 9.33 -43.90	145.00 9.44 -40.18	144.82 8.73 -47.06	144.44 8.29 -50.70	147.28 9.10 -47.14	152.08 10.59 -39.71	164.81 11.85 -42.30	198.54 12.37 -73.77	228.95 12.32 -101.56	230.24 12.01 -106.04	186.53 11.55 -62.91	228.51 10.08 -124.28	151.08 11.79 -32.11	148.86 10.58 -34.65
CANDIGU_WT_PWR 323617	67.25 -3.18 -9.32	68.86 -4.28 -7.28	69.05 -4.77 -4.71	68.40 -4.63 -4.91	68.31 -4.51 -4.57	70.89 -4.70 -4.43	81.52 -5.18 -4.49	72.17 -4.86 -2.21	88.69 -6.27 -4.09	85.26 -6.27 -2.00	89.57 -6.87 -2.27	90.37 -7.06 -2.06	84.84 -6.59 -2.39	81.40 -6.41 -2.36	86.59 -6.74 -2.28	96.46 -7.33 -2.00	105.63 -7.31 -2.28	108.90 -6.63 -3.12	111.97 -6.44 -3.34	103.28 -7.18 1.73	100.82 -7.17 4.07	90.43 -6.41 -2.68	101.74 -7.18 -1.74	98.86 -6.73 -1.96
CARR STREET_E_SYR 24060	64.59 -0.91 -4.40	67.85 -1.45 -3.44	69.67 -1.66 -2.23	68.81 -1.64 -2.32	68.84 -1.57 -2.16	71.68 -1.57 -2.09	82.52 -1.81 -2.12	77.54 -1.72 -4.44	88.70 -2.36 -0.19	90.93 -2.33 -3.73	96.28 -2.45 -4.55	97.06 -2.57 -4.26	91.45 -2.40 -4.81	87.96 -2.22 -4.73	93.25 -2.37 -4.58	103.25 -2.54 -4.00	112.61 -2.76 -4.71	116.73 -2.37 -6.69	120.17 -2.07 -7.17	115.18 -2.69 -5.68	113.79 -2.80 -4.52	97.25 -2.45 -5.55	107.76 -2.89 -3.47	104.95 -2.59 -3.91
CARTHAGE___PAPER 23857	65.30 1.90 -2.30	69.56 1.91 -1.80	72.13 1.87 -1.16	71.31 1.98 -1.21	71.29 1.91 -1.13	74.38 2.13 -1.09	85.70 2.39 -1.11	80.13 3.00 -2.32	93.61 2.64 -0.10	93.89 2.42 -1.95	99.10 2.54 -2.38	99.98 2.39 -2.22	93.68 2.13 -2.51	89.55 1.62 -2.47	94.80 1.37 -2.39	106.11 2.24 -2.09	116.21 3.09 -2.46	119.94 4.04 -3.49	123.30 4.48 -3.74	118.97 3.82 -2.97	118.01 3.59 -2.36	99.59 2.54 -2.90	111.67 2.68 -1.81	108.47 2.80 -2.04
CASSADAGA_WT_PWR 323784	64.37 -4.40 -7.66	65.98 -5.86 -5.99	66.48 -6.50 -3.88	66.03 -6.13 -4.04	66.00 -6.01 -3.75	68.54 -6.26 -3.64	79.16 -6.74 -3.69	71.68 -6.28 -3.14	86.60 -7.63 -3.36	84.76 -7.52 -2.76	89.49 -7.91 -3.22	90.63 -7.72 -2.97	85.23 -7.21 -3.41	81.96 -6.84 -3.35	86.82 -7.46 -3.24	96.48 -8.15 -2.84	105.54 -8.41 -3.29	108.95 -8.09 -4.64	111.98 -8.06 -4.97	104.74 -8.64 -1.19	102.58 -8.74 0.74	89.93 -8.10 -3.88	100.54 -9.11 -2.47	97.81 -8.60 -2.77
CE_DUNWOOD___DRP 24194	103.89 3.85 -38.93	100.31 4.02 -30.44	92.88 4.08 -19.70	92.66 4.02 -20.52	91.29 3.96 -19.08	93.80 4.13 -18.52	105.81 4.85 -18.76	118.90 4.64 -39.44	113.98 6.36 -16.75	129.43 6.27 -33.64	141.59 6.97 -40.44	140.34 7.15 -37.82	138.45 6.68 -42.74	133.83 6.32 -42.06	138.54 6.83 -40.67	145.08 7.74 -35.56	160.89 8.41 -41.81	180.60 8.77 -59.42	187.82 9.09 -63.66	171.30 8.64 -50.47	160.85 8.63 -40.16	150.75 7.34 -49.26	146.40 8.36 -30.86	145.35 7.15 -34.56
CE_MILLWOOD___DRP 24193	103.65 3.73 -38.81	100.09 3.89 -30.34	92.75 4.01 -19.64	92.53 3.95 -20.45	91.09 3.82 -19.02	93.60 3.98 -18.46	105.59 4.69 -18.70	118.59 4.49 -39.29	113.66 6.09 -16.70	129.03 6.00 -33.51	141.15 6.69 -40.29	140.01 6.96 -37.67	138.02 6.41 -42.58	133.50 6.15 -41.89	138.21 6.65 -40.52	144.74 7.53 -35.42	160.50 8.19 -41.65	180.15 8.54 -59.19	187.35 8.86 -63.42	170.88 8.41 -50.28	160.47 8.41 -40.00	150.28 7.06 -49.07	145.96 8.04 -30.74	144.93 6.84 -34.46
CE_NYC2_DRP 24202	104.56 4.46 -39.00	101.02 4.68 -30.49	93.67 4.84 -19.74	93.38 4.70 -20.55	91.86 4.50 -19.10	94.26 4.55 -18.54	106.09 5.10 -18.78	119.36 5.01 -39.52	114.55 6.91 -16.78	130.13 6.89 -33.71	142.71 8.00 -40.53	141.57 8.30 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.28 8.86 -35.64	162.08 9.52 -41.91	181.96 10.00 -59.55	189.23 10.36 -63.80	172.65 9.87 -50.58	162.17 9.86 -40.24	151.99 8.47 -49.37	147.98 9.86 -30.93	146.75 8.50 -34.62
CE_NYC_DRP 24195	104.25 4.16 -38.99	100.68 4.35 -30.48	93.25 4.42 -19.73	93.03 4.36 -20.54	91.59 4.23 -19.10	94.11 4.41 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.46 6.82 -16.77	130.04 6.80 -33.71	142.42 7.72 -40.53	141.28 8.01 -37.90	139.25 7.39 -42.83	134.69 7.09 -42.14	139.45 7.65 -40.76	146.07 8.65 -35.63	161.97 9.41 -41.90	181.74 9.78 -59.55	188.88 10.01 -63.79	172.31 9.54 -50.58	161.83 9.53 -40.24	151.70 8.19 -49.36	147.43 9.32 -30.92	146.23 7.98 -34.61
CHAFFEE___LFGE 323603	64.23 -4.40 -7.52	65.88 -5.86 -5.88	66.41 -6.50 -3.81	65.82 -6.27 -3.96	65.73 -6.21 -3.69	68.19 -6.55 -3.58	78.51 -7.32 -3.62	70.84 -7.18 -3.20	85.17 -9.00 -3.30	83.56 -8.77 -2.80	88.13 -9.32 -3.28	89.15 -9.25 -3.03	83.78 -8.72 -3.47	80.58 -8.29 -3.41	85.60 -8.74 -3.30	95.00 -9.67 -2.89	103.72 -10.29 -3.35	107.25 -9.89 -4.73	110.13 -10.01 -5.07	102.92 -10.66 -1.39	100.91 -10.65 0.51	88.68 -9.41 -3.95	99.40 -10.29 -2.51	97.23 -9.22 -2.82
CHATEAUG_35_KV_LOAD 355732	59.21 -1.89 0.00	64.15 -1.71 0.00	67.23 -1.87 0.00	66.15 -1.98 0.00	66.20 -2.05 0.00	68.95 -2.21 0.00	79.16 -3.04 0.00	72.27 -2.54 0.00	87.42 -3.45 0.00	86.03 -3.49 0.00	90.60 -3.58 0.00	91.65 -3.72 0.00	85.74 -3.29 0.00	82.12 -3.33 0.00	87.40 -3.64 0.00	97.61 -4.17 0.00	106.12 -4.54 0.00	107.35 -5.06 0.00	109.43 -5.64 0.00	107.59 -4.60 0.00	107.47 -4.59 0.00	90.48 -3.67 0.00	102.79 -4.39 0.00	100.01 -3.63 0.00
CHATEAUG_WT_PWR 323614	59.03 -2.08 0.00	64.01 -1.84 0.00	67.09 -2.01 0.00	66.01 -2.11 0.00	66.07 -2.19 0.00	68.81 -2.35 0.00	78.91 -3.29 0.00	72.05 -2.77 0.00	87.14 -3.73 0.00	85.85 -3.67 0.00	90.40 -3.77 0.00	91.46 -3.91 0.00	85.56 -3.47 0.00	81.95 -3.51 0.00	87.13 -3.91 0.00	97.41 -4.37 0.00	105.80 -4.87 0.00	107.02 -5.39 0.00	109.32 -5.75 0.00	107.26 -4.93 0.00	107.14 -4.93 0.00	90.20 -3.95 0.00	102.57 -4.61 0.00	99.80 -3.83 0.00
CHAT_HIGH_FALL_HYD 323578	59.21 -1.89 0.00	64.15 -1.71 0.00	67.23 -1.87 0.00	66.15 -1.98 0.00	66.20 -2.05 0.00	68.95 -2.21 0.00	79.16 -3.04 0.00	72.27 -2.54 0.00	87.42 -3.45 0.00	86.03 -3.49 0.00	90.60 -3.58 0.00	91.65 -3.72 0.00	85.74 -3.29 0.00	82.12 -3.33 0.00	87.40 -3.64 0.00	97.61 -4.17 0.00	106.12 -4.54 0.00	107.35 -5.06 0.00	109.43 -5.64 0.00	107.59 -4.60 0.00	107.47 -4.59 0.00	90.48 -3.67 0.00	102.79 -4.39 0.00	100.01 -3.63 0.00
CHAUTAUQUA___LFGE 323629	64.35 -4.28 -7.52	66.07 -5.66 -5.88	66.62 -6.29 -3.80	66.09 -6.00 -3.96	66.07 -5.87 -3.68	68.54 -6.19 -3.58	79.09 -6.74 -3.62	71.37 -6.66 -3.21	85.72 -8.45 -3.30	84.10 -8.23 -2.81	88.71 -8.76 -3.29	89.74 -8.68 -3.04	84.41 -8.10 -3.48	81.27 -7.61 -3.42	86.34 -8.01 -3.31	95.73 -8.96 -2.90	104.40 -9.63 -3.36	107.83 -9.33 -4.75	110.84 -9.32 -5.09	103.62 -9.99 -1.42	101.50 -10.09 0.48	89.08 -9.04 -3.96	99.74 -9.96 -2.52	97.66 -8.81 -2.83
CHERRYST_13_KV_LD 356241	104.37 4.28 -38.99	100.81 4.48 -30.48	93.46 4.63 -19.73	93.16 4.50 -20.54	91.72 4.37 -19.10	94.33 4.63 -18.54	106.33 5.34 -18.78	119.50 5.16 -39.52	114.73 7.09 -16.77	130.31 7.07 -33.71	142.71 8.00 -40.53	141.57 8.30 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.14	139.72 7.92 -40.76	146.38 8.96 -35.63	162.30 9.74 -41.90	182.07 10.12 -59.55	189.34 10.47 -63.79	172.64 9.87 -50.58	162.17 9.86 -40.24	151.98 8.47 -49.36	147.75 9.65 -30.92	146.43 8.19 -34.61

CHESTROR_138KV_BK263 355645	100.41 2.93 -36.37	97.38 3.10 -28.43	90.68 3.18 -18.40	90.42 3.13 -19.16	89.14 3.07 -17.82	91.66 3.20 -17.30	103.51 3.78 -17.52	115.24 3.67 -36.75	111.50 5.00 -15.63	125.80 4.92 -31.35	137.23 5.37 -37.69	136.15 5.53 -35.24	133.94 5.07 -39.83	129.60 4.96 -39.19	134.32 5.37 -37.91	141.03 6.11 -33.14	156.27 6.64 -38.97	174.87 7.08 -55.37	181.76 7.36 -59.32	166.18 6.96 -47.04	156.44 6.95 -37.42	145.80 5.74 -45.90	142.48 6.54 -28.76	141.52 5.60 -32.29
CH_MIDHUDSON___DRP 24192	104.69 3.73 -39.85	100.96 3.95 -31.16	93.34 4.08 -20.16	93.14 4.02 -21.00	91.74 3.96 -19.53	94.24 4.13 -18.96	106.26 4.85 -19.20	119.66 4.64 -40.20	114.38 6.18 -17.33	130.00 6.18 -34.30	141.99 6.59 -41.23	140.69 6.77 -38.55	138.83 6.23 -43.57	134.39 6.07 -42.87	139.06 6.55 -41.46	145.46 7.43 -36.25	161.36 8.08 -42.62	181.52 8.54 -60.57	188.83 8.86 -64.89	172.06 8.41 -51.45	161.41 8.41 -40.93	151.33 6.97 -50.21	146.57 7.93 -31.46	145.85 6.84 -35.38
CH_MISC_IPPS 23765	104.19 3.91 -39.17	100.63 4.15 -30.62	93.13 4.22 -19.82	92.99 4.23 -20.64	91.61 4.16 -19.19	94.13 4.34 -18.63	106.26 5.18 -18.87	119.27 4.94 -39.51	114.51 6.63 -17.01	129.86 6.62 -33.71	141.76 7.07 -40.52	140.42 7.16 -37.89	138.53 6.68 -42.82	134.00 6.41 -42.13	138.80 7.01 -40.75	145.35 7.94 -35.62	161.29 8.74 -41.89	181.16 9.22 -59.53	188.52 9.67 -63.78	171.96 9.20 -50.57	161.37 9.07 -40.23	151.03 7.53 -49.35	146.56 8.47 -30.92	145.76 7.36 -34.77
CH_RES_BVR_FALLS 23983	59.52 -1.59 0.00	64.41 -1.45 0.00	67.65 -1.45 0.00	66.63 -1.50 0.00	66.75 -1.50 0.00	69.59 -1.57 0.00	80.23 -1.97 0.00	73.10 -1.72 0.00	88.69 -2.18 0.00	87.38 -2.15 0.00	91.91 -2.26 0.00	93.18 -2.19 0.00	86.99 -2.04 0.00	83.49 -1.96 0.00	88.85 -2.19 0.00	99.34 -2.44 0.00	108.00 -2.66 0.00	109.38 -3.03 0.00	111.73 -3.34 0.00	109.39 -2.80 0.00	109.27 -2.80 0.00	91.89 -2.26 0.00	104.50 -2.68 0.00	101.26 -2.38 0.00
CH_RES_NIAGARA 23895	62.78 -5.13 -6.80	64.79 -6.39 -5.32	65.49 -7.05 -3.44	64.83 -6.88 -3.58	64.76 -6.83 -3.33	67.06 -7.33 -3.24	76.60 -8.88 -3.28	68.48 -9.65 -3.32	80.58 -13.27 -2.98	79.79 -12.62 -2.89	83.82 -13.75 -3.40	84.41 -14.12 -3.15	79.45 -13.18 -3.59	77.02 -11.96 -3.53	82.26 -12.20 -3.42	90.22 -14.56 -2.99	97.43 -16.71 -3.48	101.03 -16.30 -4.92	105.15 -15.19 -5.27	96.97 -17.28 -2.06	95.36 -17.03 -0.33	84.60 -13.65 -4.10	94.45 -15.33 -2.60	94.64 -11.92 -2.92
CH_RES_SYRACUSE 23985	65.71 -0.24 -4.84	68.92 -0.72 -3.79	70.65 -0.90 -2.45	69.79 -0.89 -2.55	69.81 -0.82 -2.37	72.68 -0.78 -2.30	83.80 -0.74 -2.33	79.03 -0.67 -4.89	91.93 -1.09 -2.15	92.63 -1.07 -4.17	98.06 -1.13 -5.01	98.82 -1.24 -4.69	93.17 -1.16 -5.30	89.55 -1.11 -5.21	94.99 -1.09 -5.04	105.08 -1.12 -4.41	114.63 -1.21 -5.18	119.22 -0.56 -7.36	122.73 -0.23 -7.89	117.43 -1.01 -6.26	116.03 -1.01 -4.98	99.22 -1.03 -6.11	109.72 -1.28 -3.82	106.80 -1.14 -4.30
CLINTON_WT_PWR 323605	59.03 -2.08 0.00	64.01 -1.84 0.00	67.09 -2.01 0.00	66.01 -2.11 0.00	66.07 -2.19 0.00	68.81 -2.35 0.00	78.91 -3.29 0.00	72.05 -2.77 0.00	87.14 -3.73 0.00	85.85 -3.67 0.00	90.40 -3.77 0.00	91.46 -3.91 0.00	85.56 -3.47 0.00	81.95 -3.51 0.00	87.13 -3.91 0.00	97.41 -4.37 0.00	105.80 -4.87 0.00	107.02 -5.39 0.00	109.32 -5.75 0.00	107.26 -4.93 0.00	107.14 -4.93 0.00	90.20 -3.95 0.00	102.57 -4.61 0.00	99.80 -3.83 0.00
CLINTON___LFGE 323618	60.07 -1.04 0.00	65.13 -0.72 0.00	68.27 -0.83 0.00	67.10 -1.02 0.00	67.16 -1.09 0.00	70.02 -1.14 0.00	80.07 -2.14 0.00	73.17 -1.65 0.00	88.33 -2.54 0.00	86.93 -2.60 0.00	91.54 -2.64 0.00	92.60 -2.77 0.00	86.54 -2.49 0.00	82.89 -2.56 0.00	88.22 -2.82 0.00	98.52 -3.26 0.00	107.23 -3.43 0.00	108.59 -3.82 0.00	110.93 -4.14 0.00	108.71 -3.48 0.00	108.59 -3.47 0.00	91.42 -2.73 0.00	103.75 -3.43 0.00	101.35 -2.28 0.00
COBBLENY_34_KV_TB1 80064	63.98 -4.64 -7.52	65.88 -5.86 -5.88	66.41 -6.50 -3.81	65.82 -6.27 -3.96	65.80 -6.14 -3.69	68.19 -6.55 -3.58	78.51 -7.32 -3.62	70.84 -7.18 -3.20	85.17 -9.00 -3.30	83.55 -8.77 -2.80	88.13 -9.32 -3.28	89.15 -9.25 -3.03	83.77 -8.73 -3.47	80.58 -8.29 -3.41	85.60 -8.74 -3.30	95.00 -9.67 -2.89	103.72 -10.29 -3.35	107.25 -9.89 -4.73	110.47 -9.67 -5.07	103.04 -10.55 -1.39	100.91 -10.65 0.51	88.68 -9.41 -3.95	99.51 -10.18 -2.51	97.23 -9.22 -2.82
COFFEEN___115KV_TB3 355620	66.69 2.93 -2.65	70.82 2.90 -2.07	73.34 2.90 -1.34	72.52 3.00 -1.39	72.48 2.93 -1.30	75.69 3.27 -1.26	87.26 3.78 -1.28	81.83 4.34 -2.67	95.35 4.36 -0.12	95.80 4.03 -2.24	100.96 4.05 -2.74	101.85 3.91 -2.56	95.49 3.56 -2.90	91.38 3.08 -2.85	96.71 2.91 -2.76	108.57 4.38 -2.41	119.25 5.75 -2.83	123.52 7.08 -4.02	127.09 7.71 -4.31	122.34 6.73 -3.42	121.18 6.39 -2.72	102.19 4.71 -3.34	114.31 5.04 -2.09	111.06 5.08 -2.35
COLDSPRG_115KV_BK1 355956	64.77 -4.22 -7.88	66.55 -5.47 -6.16	67.07 -6.01 -3.99	66.55 -5.72 -4.15	66.52 -5.60 -3.86	69.07 -5.83 -3.75	79.75 -6.25 -3.80	72.39 -5.46 -3.04	88.60 -5.72 -3.46	86.29 -5.91 -2.67	91.35 -5.93 -3.11	92.61 -5.63 -2.87	86.98 -5.34 -3.29	83.22 -5.47 -3.24	87.98 -6.19 -3.13	98.52 -6.01 -2.74	108.30 -5.53 -3.17	111.81 -5.06 -4.46	114.56 -5.29 -4.78	107.30 -5.72 -0.83	105.08 -5.83 1.16	92.05 -5.84 -3.74	102.81 -6.75 -2.38	98.75 -7.57 -2.68
COLONIE_LFGE___ 323577	113.15 3.54 -48.50	107.46 3.69 -37.92	97.51 3.87 -24.54	97.50 3.81 -25.56	95.91 3.89 -23.77	98.28 4.05 -23.07	110.26 4.68 -23.37	127.94 4.19 -48.94	153.88 5.36 -57.65	137.81 5.28 -43.01	149.72 5.37 -50.18	147.73 5.43 -46.92	147.05 4.98 -53.04	142.42 4.78 -52.19	146.61 5.10 -50.47	151.71 5.80 -44.12	168.96 6.42 -51.89	192.77 6.63 -73.73	200.85 6.79 -78.99	181.33 6.50 -62.63	168.28 6.38 -49.83	160.54 5.27 -61.12	151.47 6.00 -38.29	152.18 5.49 -43.06
COOPERNY_115KV_TB1 80082	92.98 2.20 -29.67	91.36 2.31 -23.20	86.46 2.35 -15.01	86.08 2.32 -15.64	85.05 2.25 -14.54	87.62 2.35 -14.11	99.30 2.79 -14.30	107.48 2.69 -29.97	107.35 3.63 -12.85	118.67 3.58 -25.56	128.86 3.96 -30.73	128.21 4.10 -28.73	125.25 3.74 -32.48	121.00 3.59 -31.95	125.77 3.82 -30.91	133.28 4.48 -27.02	147.30 4.87 -31.77	162.73 5.17 -45.15	168.97 5.52 -48.37	155.70 5.16 -38.35	147.73 5.16 -30.51	135.81 4.24 -37.43	135.45 4.82 -23.45	134.12 4.15 -26.34
COPENHAGEN_WT_PWR 323753	66.11 2.26 -2.74	70.17 2.17 -2.14	72.63 2.14 -1.39	71.75 2.18 -1.44	71.78 2.18 -1.34	74.88 2.42 -1.30	86.32 2.80 -1.32	80.87 3.29 -2.77	94.17 3.18 -0.12	94.80 2.95 -2.32	100.02 3.01 -2.84	100.88 2.86 -2.65	94.61 2.58 -3.00	90.62 2.22 -2.95	95.89 2.00 -2.85	107.44 3.16 -2.49	117.80 4.20 -2.93	121.86 5.28 -4.17	125.40 5.87 -4.46	120.66 4.93 -3.54	119.59 4.71 -2.82	100.99 3.38 -3.45	112.99 3.65 -2.16	109.79 3.73 -2.43
CORNELL_____ 23752	71.35 0.86 -9.39	73.66 0.46 -7.34	74.20 0.35 -4.75	73.41 0.34 -4.95	73.26 0.41 -4.60	76.19 0.57 -4.47	87.71 0.99 -4.52	104.16 1.05 -28.29	97.20 1.00 -5.33	114.21 0.81 -23.88	123.85 0.66 -29.02	123.24 0.57 -27.30	120.15 0.45 -30.67	116.06 0.43 -30.18	120.59 0.36 -29.18	128.20 0.92 -25.50	142.28 1.44 -30.18	159.15 2.36 -44.38	165.62 2.99 -47.56	163.90 2.02 -49.69	160.89 1.91 -46.91	130.93 1.22 -35.55	130.47 1.18 -22.11	129.52 1.04 -24.85

CORONA V_69_KV_TB1 355595	121.51 5.07 -55.33	101.53 5.20 -30.47	94.14 5.32 -19.72	93.98 5.31 -20.54	92.54 5.19 -19.10	99.44 5.48 -22.81	141.58 6.41 -52.97	146.53 6.14 -65.58	146.65 8.18 -47.61	146.83 8.06 -49.24	146.92 8.85 -43.90	144.62 9.06 -40.18	144.55 8.46 -47.06	144.28 8.12 -50.70	146.92 8.74 -47.14	151.37 9.87 -39.71	163.69 10.73 -42.30	197.30 11.24 -73.65	217.50 11.74 -90.69	201.31 11.22 -77.90	186.04 11.09 -62.87	158.88 9.51 -55.23	149.86 10.61 -32.07	147.57 9.33 -34.60
CORTLAND_115KV_TB3 80093	69.19 0.37 -7.72	71.96 0.07 -6.03	72.94 -0.07 -3.91	72.19 0.00 -4.07	72.03 0.00 -3.78	74.90 0.07 -3.67	86.25 0.33 -3.72	88.02 0.37 -12.83	95.03 0.36 -3.79	100.67 0.27 -10.88	107.52 0.19 -13.15	107.81 0.10 -12.34	102.94 0.00 -13.90	99.13 0.00 -13.68	104.27 0.00 -13.23	113.65 0.31 -11.56	124.97 0.66 -13.65	133.51 1.35 -19.76	137.97 1.73 -21.17	133.06 0.90 -19.98	130.82 0.90 -17.86	110.70 0.47 -16.08	117.64 0.43 -10.03	115.22 0.31 -11.27
COXSACKIE__GT 23611	110.91 4.16 -45.64	106.02 4.48 -35.68	96.75 4.56 -23.09	96.67 4.50 -24.05	95.32 4.71 -22.37	97.77 4.91 -21.71	110.28 6.08 -21.99	126.19 5.31 -46.05	129.77 6.45 -32.45	135.42 6.17 -39.72	147.05 5.65 -47.23	144.97 5.43 -44.16	144.02 5.07 -49.91	139.43 4.87 -49.11	144.09 5.55 -47.50	149.83 6.52 -41.52	167.12 7.63 -48.83	190.45 8.66 -69.39	198.73 9.32 -74.34	179.77 8.64 -58.94	167.25 8.29 -46.89	158.45 6.78 -57.52	150.51 7.29 -36.04	151.72 7.56 -40.52
CPV_VALLEY__CC1 323721	97.60 2.51 -33.98	94.99 2.57 -26.57	88.92 2.63 -17.19	88.69 2.65 -17.91	87.50 2.59 -16.65	89.96 2.63 -16.16	101.70 3.12 -16.37	112.14 3.00 -34.32	109.65 4.18 -14.59	122.92 4.12 -29.28	133.89 4.52 -35.20	132.96 4.67 -32.91	130.59 4.36 -37.20	126.24 4.19 -36.60	130.90 4.46 -35.40	137.82 5.09 -30.95	152.69 5.64 -36.39	170.08 5.95 -51.71	176.68 6.21 -55.40	161.95 5.83 -43.93	152.84 5.82 -34.95	141.91 4.89 -42.87	139.50 5.46 -26.86	138.47 4.67 -30.17
CPV_VALLEY__CC2 323722	97.60 2.51 -33.98	94.99 2.57 -26.57	88.92 2.63 -17.19	88.69 2.65 -17.91	87.50 2.59 -16.65	89.96 2.63 -16.16	101.70 3.12 -16.37	112.14 3.00 -34.32	109.65 4.18 -14.59	122.92 4.12 -29.28	133.89 4.52 -35.20	132.96 4.67 -32.91	130.59 4.36 -37.20	126.24 4.19 -36.60	130.90 4.46 -35.40	137.82 5.09 -30.95	152.69 5.64 -36.39	170.08 5.95 -51.71	176.68 6.21 -55.40	161.95 5.83 -43.93	152.84 5.82 -34.95	141.91 4.89 -42.87	139.50 5.46 -26.86	138.47 4.67 -30.17
CRESCENT__HYD 24018	113.15 3.54 -48.50	107.46 3.69 -37.92	97.51 3.87 -24.54	97.50 3.81 -25.56	95.91 3.89 -23.77	98.28 4.05 -23.07	110.26 4.68 -23.37	127.94 4.19 -48.94	153.88 5.36 -57.65	137.81 5.28 -43.01	149.72 5.37 -50.18	147.73 5.43 -46.92	147.05 4.98 -53.04	142.42 4.78 -52.19	146.61 5.10 -50.47	151.71 5.80 -44.12	168.96 6.42 -51.89	192.77 6.63 -73.73	200.85 6.79 -78.99	181.33 6.50 -62.63	168.28 6.38 -49.83	160.54 5.27 -61.12	151.47 6.00 -38.29	152.18 5.49 -43.06
CRICKET__VALLEY_CC1 323756	105.73 3.48 -41.14	101.71 3.69 -32.16	93.71 3.80 -20.82	93.55 3.74 -21.68	92.10 3.68 -20.16	94.57 3.84 -19.57	106.46 4.44 -19.82	120.43 4.11 -41.50	114.87 5.54 -18.46	130.42 5.46 -35.43	142.58 5.84 -42.56	141.18 6.01 -39.80	139.62 5.61 -44.98	135.10 5.39 -44.26	139.68 5.83 -42.81	145.73 6.52 -37.42	161.75 7.09 -44.00	182.24 7.30 -62.53	189.54 7.48 -66.99	172.38 7.07 -53.12	161.39 7.06 -42.26	151.83 5.84 -51.84	146.30 6.65 -32.48	145.86 5.70 -36.52
CRICKET__VALLEY_CC2 323757	105.73 3.48 -41.14	101.71 3.69 -32.16	93.71 3.80 -20.82	93.55 3.74 -21.68	92.10 3.68 -20.16	94.57 3.84 -19.57	106.46 4.44 -19.82	120.43 4.11 -41.50	114.87 5.54 -18.46	130.42 5.46 -35.43	142.58 5.84 -42.56	141.18 6.01 -39.80	139.62 5.61 -44.98	135.10 5.39 -44.26	139.68 5.83 -42.81	145.73 6.52 -37.42	161.75 7.09 -44.00	182.24 7.30 -62.53	189.54 7.48 -66.99	172.38 7.07 -53.12	161.39 7.06 -42.26	151.83 5.84 -51.84	146.30 6.65 -32.48	145.86 5.70 -36.52
CRICKET__VALLEY_CC3 323758	105.73 3.48 -41.14	101.71 3.69 -32.16	93.71 3.80 -20.82	93.55 3.74 -21.68	92.10 3.68 -20.16	94.57 3.84 -19.57	106.46 4.44 -19.82	120.43 4.11 -41.50	114.87 5.54 -18.46	130.42 5.46 -35.43	142.58 5.84 -42.56	141.18 6.01 -39.80	139.62 5.61 -44.98	135.10 5.39 -44.26	139.68 5.83 -42.81	145.73 6.52 -37.42	161.75 7.09 -44.00	182.24 7.30 -62.53	189.54 7.48 -66.99	172.38 7.07 -53.12	161.39 7.06 -42.26	151.83 5.84 -51.84	146.30 6.65 -32.48	145.86 5.70 -36.52
CRUCIBLE_METL_DRP 24180	65.65 -0.31 -4.84	68.92 -0.72 -3.79	70.65 -0.90 -2.45	69.79 -0.89 -2.55	69.81 -0.82 -2.37	72.68 -0.78 -2.30	83.80 -0.74 -2.33	79.03 -0.67 -4.89	91.93 -1.09 -2.15	92.62 -1.07 -4.17	98.06 -1.13 -5.01	98.82 -1.24 -4.69	93.17 -1.16 -5.30	89.55 -1.11 -5.21	94.99 -1.09 -5.04	105.07 -1.12 -4.41	114.63 -1.22 -5.18	119.21 -0.56 -7.36	122.85 -0.12 -7.89	117.55 -0.90 -6.26	116.04 -1.01 -4.98	99.22 -1.04 -6.11	109.72 -1.29 -3.82	106.79 -1.14 -4.30
DAHOWA__HYDRO 323763	114.99 4.64 -49.24	109.16 4.81 -38.50	99.06 5.04 -24.92	99.12 5.04 -25.95	97.64 5.26 -24.13	99.99 5.41 -23.42	112.18 6.24 -23.73	130.27 5.76 -49.69	163.70 7.27 -65.56	140.60 7.16 -43.91	152.56 7.44 -50.95	150.36 7.34 -47.64	149.64 6.76 -53.85	144.93 6.49 -52.98	149.02 6.74 -51.25	154.42 7.84 -44.80	172.20 8.86 -52.68	196.72 9.44 -74.86	205.05 9.78 -80.20	185.31 9.53 -63.59	171.85 9.19 -50.59	163.83 7.62 -62.06	154.64 8.58 -38.88	155.23 7.87 -43.72
DANC__LFGE 323619	65.77 1.41 -3.25	69.52 1.12 -2.54	71.78 1.04 -1.65	70.92 1.09 -1.71	70.93 1.09 -1.59	73.91 1.21 -1.55	85.17 1.40 -1.57	79.89 1.79 -3.28	92.65 1.64 -0.14	93.80 1.52 -2.76	99.04 1.50 -3.37	99.95 1.43 -3.15	93.84 1.25 -3.56	89.98 1.03 -3.50	95.33 0.91 -3.38	106.47 1.73 -2.96	116.47 2.33 -3.48	120.50 3.14 -4.94	124.05 3.68 -5.30	119.20 2.81 -4.20	117.99 2.58 -3.34	99.94 1.70 -4.10	111.68 1.93 -2.57	108.59 2.07 -2.89
DANSKAMMER__1 23586	104.19 3.91 -39.17	100.63 4.15 -30.62	93.13 4.22 -19.82	92.99 4.23 -20.64	91.61 4.16 -19.19	94.13 4.34 -18.63	106.26 5.18 -18.87	119.27 4.94 -39.51	114.51 6.63 -17.01	129.86 6.62 -33.71	141.76 7.07 -40.52	140.42 7.16 -37.89	138.53 6.68 -42.82	134.00 6.41 -42.13	138.80 7.01 -40.75	145.35 7.94 -35.62	161.29 8.74 -41.89	181.16 9.22 -59.53	188.52 9.67 -63.78	171.96 9.20 -50.57	161.37 9.07 -40.23	151.03 7.53 -49.35	146.56 8.47 -30.92	145.76 7.36 -34.77
DANSKAMMER__2 23589	104.19 3.91 -39.17	100.63 4.15 -30.62	93.13 4.22 -19.82	92.99 4.23 -20.64	91.61 4.16 -19.19	94.13 4.34 -18.63	106.26 5.18 -18.87	119.27 4.94 -39.51	114.51 6.63 -17.01	129.86 6.62 -33.71	141.76 7.07 -40.52	140.42 7.16 -37.89	138.53 6.68 -42.82	134.00 6.41 -42.13	138.80 7.01 -40.75	145.35 7.94 -35.62	161.29 8.74 -41.89	181.16 9.22 -59.53	188.52 9.67 -63.78	171.96 9.20 -50.57	161.37 9.07 -40.23	151.03 7.53 -49.35	146.56 8.47 -30.92	145.76 7.36 -34.77
DANSKAMMER__3 23590	104.19 3.91 -39.17	100.63 4.15 -30.62	93.13 4.22 -19.82	92.99 4.23 -20.64	91.61 4.16 -19.19	94.13 4.34 -18.63	106.26 5.18 -18.87	119.27 4.94 -39.51	114.51 6.63 -17.01	129.86 6.62 -33.71	141.76 7.07 -40.52	140.42 7.16 -37.89	138.53 6.68 -42.82	134.00 6.41 -42.13	138.80 7.01 -40.75	145.35 7.94 -35.62	161.29 8.74 -41.89	181.16 9.22 -59.53	188.52 9.67 -63.78	171.96 9.20 -50.57	161.37 9.07 -40.23	151.03 7.53 -49.35	146.56 8.47 -30.92	145.76 7.36 -34.77

DANSKAMMER___4 23591	104.19 3.91 -39.17	100.63 4.15 -30.62	93.13 4.22 -19.82	92.99 4.23 -20.64	91.61 4.16 -19.19	94.13 4.34 -18.63	106.26 5.18 -18.87	119.27 4.94 -39.51	114.51 6.63 -17.01	129.86 6.62 -33.71	141.76 7.07 -40.52	140.42 7.16 -37.89	138.53 6.68 -42.82	134.00 6.41 -42.13	138.80 7.01 -40.75	145.35 7.94 -35.62	161.29 8.74 -41.89	181.16 9.22 -59.53	188.52 9.67 -63.78	171.96 9.20 -50.57	161.37 9.07 -40.23	151.03 7.53 -49.35	146.56 8.47 -30.92	145.76 7.36 -34.77
DANSKAMMER___DIESEL 23592	104.18 3.91 -39.17	100.63 4.15 -30.62	93.13 4.22 -19.82	92.99 4.22 -20.64	91.61 4.16 -19.19	94.13 4.34 -18.63	106.25 5.18 -18.87	119.27 4.94 -39.51	114.51 6.63 -17.01	129.86 6.62 -33.71	141.75 7.06 -40.52	140.41 7.15 -37.89	138.53 6.68 -42.82	134.00 6.41 -42.13	138.80 7.01 -40.75	145.35 7.94 -35.62	161.30 8.74 -41.89	181.16 9.22 -59.53	188.52 9.67 -63.78	171.96 9.20 -50.57	161.38 9.08 -40.23	151.03 7.53 -49.35	146.56 8.47 -30.92	145.76 7.36 -34.77
DARBY___SOLAR 323810	114.65 4.40 -49.14	108.81 4.54 -38.42	98.73 4.76 -24.86	98.72 4.70 -25.89	97.25 4.92 -24.08	99.58 5.05 -23.37	111.72 5.84 -23.67	129.79 5.39 -49.58	162.18 6.72 -64.58	139.93 6.62 -43.78	151.89 6.87 -50.84	149.69 6.77 -47.54	149.09 6.32 -53.73	144.30 5.98 -52.87	148.45 6.28 -51.14	153.82 7.33 -44.70	171.53 8.30 -52.57	195.88 8.77 -74.70	204.08 8.98 -80.03	184.50 8.86 -63.45	171.06 8.51 -50.48	163.14 7.06 -61.92	153.91 7.93 -38.80	154.62 7.36 -43.62
DASHVILLE___HYD 23610	103.95 2.57 -40.28	100.11 2.77 -31.49	92.24 2.76 -20.38	92.08 2.72 -21.23	90.65 2.66 -19.74	93.16 2.85 -19.16	105.06 3.45 -19.41	118.83 3.37 -40.64	115.78 4.82 -20.10	128.94 4.66 -34.76	140.84 4.99 -41.68	139.40 5.05 -38.97	137.80 4.72 -44.04	133.32 4.53 -43.34	137.96 5.01 -41.92	144.23 5.80 -36.64	160.17 6.42 -43.09	180.61 6.97 -61.23	188.04 7.36 -65.60	171.05 6.84 -52.01	160.29 6.84 -41.38	150.56 5.65 -50.76	145.30 6.32 -31.80	144.68 5.29 -35.76
DEERFIELD_69_KV_DEERFIELD LD 355887	122.49 6.05 -55.33	102.52 6.19 -30.47	95.18 6.36 -19.72	95.00 6.34 -20.54	93.63 6.28 -19.10	100.51 6.55 -22.81	142.90 7.73 -52.97	147.80 7.41 -65.58	148.29 9.81 -47.61	148.26 9.49 -49.24	147.68 9.61 -43.90	145.19 9.63 -40.18	144.99 8.90 -47.06	144.62 8.46 -50.70	147.46 9.29 -47.14	152.38 10.89 -39.71	164.80 11.84 -42.30	198.77 12.59 -73.77	229.05 12.43 -101.55	230.43 12.23 -106.01	187.42 12.44 -62.91	228.42 10.07 -124.20	151.19 11.90 -32.11	149.37 11.09 -34.65
DELAWARE___LFGE 323621	80.38 2.08 -17.19	81.41 2.11 -13.44	79.94 2.14 -8.70	79.36 2.18 -9.06	78.79 2.12 -8.42	81.61 2.28 -8.18	93.20 2.71 -8.28	94.79 2.62 -17.35	108.33 3.45 -14.01	107.87 3.31 -15.03	115.55 3.58 -17.79	115.64 3.62 -16.64	111.22 3.38 -18.81	107.12 3.16 -18.50	112.21 3.28 -17.90	121.30 3.87 -15.65	133.49 4.43 -18.40	143.39 4.83 -26.14	148.26 5.18 -28.01	139.11 4.71 -22.21	134.45 4.71 -17.67	119.68 3.86 -21.67	125.15 4.39 -13.58	122.73 3.83 -15.26
DERFIELD_115KV_TB7 355931	61.72 0.61 0.00	66.45 0.59 0.00	69.72 0.62 0.00	68.74 0.61 0.00	68.87 0.61 0.00	71.80 0.64 0.00	82.94 0.74 0.00	75.57 0.75 0.00	91.78 0.91 0.00	90.42 0.90 0.00	95.12 0.94 0.00	96.42 1.05 0.00	90.01 0.98 0.00	86.39 0.94 0.00	92.04 1.00 0.00	102.90 1.12 0.00	111.88 1.22 0.00	113.65 1.24 0.00	116.45 1.38 0.00	113.42 1.23 0.00	113.30 1.23 0.00	95.19 1.04 0.00	108.36 1.18 0.00	104.67 1.04 0.00
DOGLEVILLE___HYD 23807	62.45 1.34 0.00	67.24 1.39 0.00	70.48 1.38 0.00	69.49 1.36 0.00	69.62 1.36 0.00	72.58 1.42 0.00	83.85 1.64 0.00	76.46 1.64 0.00	92.87 2.00 0.00	91.49 1.97 0.00	96.24 2.07 0.00	97.47 2.10 0.00	91.08 2.05 0.00	87.42 1.97 0.00	92.77 1.73 0.00	103.71 1.93 0.00	112.76 2.10 0.00	114.66 2.25 0.00	117.37 2.30 0.00	114.32 2.13 0.00	114.19 2.12 0.00	95.85 1.70 0.00	109.65 2.47 0.00	105.91 2.28 0.00
DUNKIRK___115KV_TB_200 55889	64.15 -4.46 -7.51	66.06 -5.66 -5.87	66.61 -6.29 -3.80	66.09 -5.99 -3.96	66.06 -5.87 -3.68	68.54 -6.19 -3.57	79.08 -6.74 -3.62	71.30 -6.73 -3.22	85.71 -8.45 -3.30	84.11 -8.24 -2.82	88.72 -8.76 -3.30	89.65 -8.77 -3.05	84.33 -8.19 -3.49	81.19 -7.69 -3.43	86.26 -8.10 -3.32	95.63 -9.06 -2.91	104.29 -9.74 -3.37	107.73 -9.44 -4.76	110.97 -9.21 -5.10	103.53 -10.10 -1.44	101.52 -10.09 0.46	89.08 -9.04 -3.97	99.85 -9.86 -2.53	97.67 -8.81 -2.84
DUNKIRK___1 23563	64.15 -4.46 -7.51	66.06 -5.66 -5.87	66.61 -6.29 -3.80	66.09 -5.99 -3.96	66.06 -5.87 -3.68	68.54 -6.19 -3.57	79.08 -6.74 -3.62	71.30 -6.73 -3.22	85.71 -8.45 -3.30	84.11 -8.24 -2.82	88.72 -8.76 -3.30	89.65 -8.77 -3.05	84.33 -8.19 -3.49	81.19 -7.69 -3.43	86.26 -8.10 -3.32	95.63 -9.06 -2.91	104.29 -9.74 -3.37	107.73 -9.44 -4.76	110.97 -9.21 -5.10	103.53 -10.10 -1.44	101.52 -10.09 0.46	89.08 -9.04 -3.97	99.85 -9.86 -2.53	97.67 -8.81 -2.84
DUNKIRK___2 23564	64.15 -4.46 -7.51	66.06 -5.66 -5.87	66.61 -6.29 -3.80	66.09 -5.99 -3.96	66.06 -5.87 -3.68	68.54 -6.19 -3.57	79.08 -6.74 -3.62	71.30 -6.73 -3.22	85.71 -8.45 -3.30	84.11 -8.24 -2.82	88.72 -8.76 -3.30	89.65 -8.77 -3.05	84.33 -8.19 -3.49	81.19 -7.69 -3.43	86.26 -8.10 -3.32	95.63 -9.06 -2.91	104.29 -9.74 -3.37	107.73 -9.44 -4.76	110.97 -9.21 -5.10	103.53 -10.10 -1.44	101.52 -10.09 0.46	89.08 -9.04 -3.97	99.85 -9.86 -2.53	97.67 -8.81 -2.84
DUNKIRK___3 23565	63.94 -4.64 -7.48	65.91 -5.80 -5.85	66.46 -6.43 -3.78	65.87 -6.20 -3.94	65.84 -6.07 -3.66	68.31 -6.40 -3.56	78.66 -7.15 -3.60	71.04 -7.03 -3.26	85.25 -8.91 -3.28	83.78 -8.59 -2.85	88.38 -9.13 -3.34	89.30 -9.16 -3.08	84.01 -8.55 -3.53	80.89 -8.03 -3.47	85.84 -8.56 -3.36	95.26 -9.47 -2.94	103.89 -10.18 -3.41	107.45 -9.78 -4.82	110.57 -9.67 -5.16	103.18 -10.55 -1.53	101.17 -10.53 0.36	88.85 -9.32 -4.02	99.55 -10.18 -2.55	97.39 -9.12 -2.87
DUNKIRK___4 23566	63.94 -4.64 -7.48	65.91 -5.80 -5.85	66.46 -6.43 -3.78	65.87 -6.20 -3.94	65.84 -6.07 -3.66	68.31 -6.40 -3.56	78.66 -7.15 -3.60	71.04 -7.03 -3.26	85.25 -8.91 -3.28	83.78 -8.59 -2.85	88.38 -9.13 -3.34	89.30 -9.16 -3.08	84.01 -8.55 -3.53	80.89 -8.03 -3.47	85.84 -8.56 -3.36	95.26 -9.47 -2.94	103.89 -10.18 -3.41	107.45 -9.78 -4.82	110.57 -9.67 -5.16	103.18 -10.55 -1.53	101.17 -10.53 0.36	88.85 -9.32 -4.02	99.55 -10.18 -2.55	97.39 -9.12 -2.87
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	104.13 4.03 -38.98	100.48 4.15 -30.48	93.04 4.22 -19.73	92.82 4.16 -20.54	91.45 4.10 -19.10	93.97 4.27 -18.54	106.00 5.01 -18.78	119.13 4.79 -39.52	114.19 6.54 -16.77	129.68 6.45 -33.71	141.95 7.25 -40.53	140.71 7.44 -37.90	138.72 6.86 -42.83	134.18 6.58 -42.14	138.90 7.10 -40.76	145.46 8.04 -35.63	161.31 8.74 -41.90	181.06 9.11 -59.55	188.30 9.44 -63.80	171.75 8.98 -50.58	161.27 8.97 -40.24	151.23 7.72 -49.36	146.79 8.68 -30.92	145.71 7.46 -34.61
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	102.42 3.36 -37.95	99.08 3.56 -29.67	91.96 3.66 -19.20	91.73 3.61 -20.00	90.40 3.55 -18.59	92.91 3.70 -18.05	104.84 4.36 -18.28	117.31 4.19 -38.30	113.08 5.72 -16.49	127.84 5.64 -32.68	139.57 6.12 -39.28	138.40 6.29 -36.73	136.33 5.79 -41.51	131.85 5.55 -40.85	136.64 6.10 -39.50	143.24 6.92 -34.54	158.91 7.64 -40.61	178.21 8.09 -57.71	185.42 8.52 -61.83	169.18 7.97 -49.02	159.03 7.96 -39.00	148.58 6.59 -47.84	144.65 7.50 -29.97	143.75 6.43 -33.69

E179THST_138_KV_TB4_REV_LBMP_J 345001	104.63 4.52 -39.00	101.09 4.74 -30.49	93.74 4.91 -19.74	93.51 4.84 -20.55	92.00 4.64 -19.10	94.18 4.48 -18.54	105.76 4.77 -18.78	118.98 4.64 -39.52	114.19 6.54 -16.78	129.68 6.45 -33.71	142.33 7.63 -40.53	141.47 8.20 -37.90	139.43 7.57 -42.83	134.78 7.18 -42.15	139.54 7.74 -40.76	145.87 8.45 -35.64	161.53 8.96 -41.91	181.40 9.44 -59.55	188.65 9.78 -63.80	172.20 9.42 -50.58	161.73 9.41 -40.24	151.80 8.29 -49.37	147.76 9.65 -30.93	146.75 8.50 -34.62
E179THST_13_KV_LOAD 356214	104.87 4.77 -39.00	101.35 5.01 -30.49	94.02 5.18 -19.74	93.79 5.11 -20.55	92.20 4.85 -19.10	94.47 4.77 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.55 6.91 -16.78	130.13 6.89 -33.71	142.80 8.10 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.38 8.96 -35.64	162.08 9.52 -41.91	181.96 10.00 -59.55	189.23 10.36 -63.80	172.76 9.98 -50.58	162.29 9.97 -40.24	152.27 8.76 -49.37	148.19 10.07 -30.93	147.27 9.02 -34.62
EAST HAMPTON___GT 23717	122.00 5.56 -55.33	101.93 5.59 -30.47	94.63 5.81 -19.72	94.45 5.79 -20.54	93.09 5.73 -19.10	100.01 6.04 -22.81	142.24 7.07 -52.97	147.27 6.88 -65.58	148.01 9.54 -47.61	147.91 9.14 -49.24	146.73 8.66 -43.90	144.24 8.68 -40.18	144.11 8.02 -47.06	143.76 7.60 -50.70	146.55 8.37 -47.14	151.47 9.98 -39.71	163.48 10.52 -42.30	197.31 11.13 -73.77	227.78 11.16 -101.55	229.07 10.88 -106.01	185.29 10.30 -62.91	227.19 8.85 -124.19	149.80 10.51 -32.11	148.54 10.26 -34.65
EAST RIVER___6 23660	104.01 3.91 -38.99	100.29 3.95 -30.48	92.97 4.15 -19.73	92.76 4.09 -20.54	91.24 3.89 -19.10	93.83 4.13 -18.54	105.75 4.77 -18.78	119.06 4.72 -39.52	114.27 6.63 -16.77	129.77 6.53 -33.71	142.24 7.54 -40.53	141.09 7.82 -37.90	139.07 7.21 -42.83	134.44 6.84 -42.14	139.27 7.47 -40.76	145.86 8.44 -35.63	161.96 9.40 -41.90	181.62 9.67 -59.55	188.76 9.90 -63.79	172.20 9.43 -50.58	161.60 9.30 -40.24	151.43 7.91 -49.37	147.11 9.00 -30.92	145.81 7.56 -34.61
EAST RIVER___7 23524	104.01 3.91 -38.99	100.29 3.95 -30.48	92.97 4.15 -19.73	92.76 4.09 -20.54	91.24 3.89 -19.10	93.83 4.13 -18.54	105.75 4.77 -18.78	119.06 4.72 -39.52	114.27 6.63 -16.77	129.77 6.53 -33.71	142.24 7.54 -40.53	141.09 7.82 -37.90	139.07 7.21 -42.83	134.44 6.84 -42.14	139.27 7.47 -40.76	145.86 8.44 -35.63	161.96 9.40 -41.90	181.62 9.67 -59.55	188.76 9.90 -63.79	172.20 9.43 -50.58	161.60 9.30 -40.24	151.43 7.91 -49.37	147.11 9.00 -30.92	145.81 7.56 -34.61
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	103.89 3.85 -38.93	100.31 4.02 -30.44	92.88 4.08 -19.70	92.66 4.02 -20.52	91.29 3.96 -19.08	93.80 4.13 -18.52	105.81 4.85 -18.76	118.90 4.64 -39.44	113.98 6.36 -16.75	129.43 6.27 -33.64	141.59 6.97 -40.44	140.34 7.15 -37.82	138.45 6.68 -42.74	133.83 6.32 -42.06	138.54 6.83 -40.67	145.08 7.74 -35.56	160.89 8.41 -41.81	180.60 8.77 -59.42	187.82 9.09 -63.66	171.30 8.64 -50.47	160.85 8.63 -40.16	150.75 7.34 -49.26	146.40 8.36 -30.86	145.35 7.15 -34.56
EAST_HAMPTON___DIESEL 23722	121.87 5.44 -55.33	101.79 5.46 -30.47	94.49 5.67 -19.72	94.32 5.65 -20.54	92.88 5.53 -19.10	99.80 5.84 -22.81	142.08 6.91 -52.97	147.13 6.74 -65.58	147.84 9.36 -47.61	147.72 8.95 -49.24	146.55 8.48 -43.90	144.04 8.49 -40.18	143.93 7.84 -47.06	143.51 7.35 -50.70	146.37 8.20 -47.14	151.17 9.67 -39.71	163.13 10.17 -42.30	196.97 10.79 -73.77	227.43 10.81 -101.55	228.74 10.54 -106.01	184.95 9.97 -62.91	226.91 8.57 -124.19	149.48 10.19 -32.11	148.33 10.05 -34.65
EAST_POINT___SOLAR 323840	119.95 4.89 -53.95	112.98 4.94 -42.18	101.58 5.19 -27.30	101.73 5.17 -28.43	100.29 5.60 -26.44	102.65 5.84 -25.66	115.10 6.91 -25.99	135.84 6.59 -54.44	163.66 7.36 -65.43	143.86 6.45 -47.88	156.31 6.31 -55.82	153.29 5.72 -52.20	154.88 6.86 -58.99	149.99 6.49 -58.05	153.56 6.37 -56.14	158.29 7.43 -49.08	178.12 9.74 -57.72	205.56 11.13 -82.02	214.69 11.74 -87.87	193.53 11.67 -69.67	178.59 11.10 -55.43	171.46 9.32 -67.99	160.07 10.29 -42.60	160.86 9.33 -47.90
EAST_PULASKI___ESR 323781	65.80 0.92 -3.78	69.33 0.52 -2.95	71.43 0.42 -1.91	70.53 0.41 -1.99	70.58 0.48 -1.85	73.45 0.50 -1.80	84.76 0.74 -1.82	79.53 0.90 -3.81	91.76 0.72 -0.17	93.44 0.71 -3.20	98.75 0.66 -3.91	99.70 0.67 -3.65	93.70 0.54 -4.13	90.03 0.52 -4.06	95.43 0.46 -3.93	106.14 0.91 -3.44	115.92 1.22 -4.04	120.18 2.03 -5.74	123.75 2.53 -6.15	118.64 1.57 -4.88	117.30 1.35 -3.88	99.66 0.75 -4.76	111.12 0.96 -2.98	108.02 1.04 -3.35
EAST_RIVER___1 323558	104.25 4.16 -38.99	100.61 4.28 -30.48	93.25 4.43 -19.73	93.03 4.36 -20.54	91.59 4.23 -19.10	94.11 4.41 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.46 6.82 -16.77	130.04 6.80 -33.71	142.43 7.72 -40.53	141.28 8.01 -37.90	139.25 7.39 -42.83	134.69 7.09 -42.14	139.45 7.65 -40.76	146.07 8.65 -35.63	161.96 9.40 -41.90	181.73 9.77 -59.55	188.87 10.01 -63.79	172.30 9.53 -50.58	161.83 9.52 -40.24	151.70 8.19 -49.37	147.42 9.32 -30.92	146.23 7.98 -34.61
EAST_RIVER___2 323559	104.01 3.91 -38.99	100.29 3.95 -30.48	92.97 4.15 -19.73	92.76 4.09 -20.54	91.24 3.89 -19.10	93.83 4.13 -18.54	105.75 4.77 -18.78	119.06 4.72 -39.52	114.27 6.63 -16.77	129.77 6.53 -33.71	142.24 7.54 -40.53	141.09 7.82 -37.90	139.07 7.21 -42.83	134.44 6.84 -42.14	139.27 7.47 -40.76	145.86 8.44 -35.63	161.96 9.40 -41.90	181.62 9.67 -59.55	188.76 9.90 -63.79	172.20 9.43 -50.58	161.60 9.30 -40.24	151.43 7.91 -49.37	147.11 9.00 -30.92	145.81 7.56 -34.61
EAST___DELAWARE_HYD 23607	100.29 3.42 -35.77	97.50 3.69 -27.96	90.86 3.66 -18.10	90.65 3.68 -18.85	89.39 3.61 -17.53	92.01 3.84 -17.01	104.04 4.60 -17.23	115.41 4.49 -36.10	113.03 6.00 -16.17	126.25 5.91 -30.82	137.31 6.12 -37.02	136.18 6.20 -34.61	133.86 5.70 -39.12	129.42 5.47 -38.50	134.28 6.01 -37.23	141.35 7.02 -32.55	157.01 8.07 -38.27	175.46 8.66 -54.39	182.66 9.32 -58.27	167.15 8.76 -46.20	157.45 8.63 -36.76	146.39 7.15 -45.09	143.36 7.93 -28.25	142.23 6.84 -31.75
EIGHT_POINT___WT_PWR 323820	65.72 -4.16 -8.77	67.31 -5.40 -6.85	67.59 -5.94 -4.44	66.95 -5.79 -4.62	66.88 -5.66 -4.30	69.49 -5.83 -4.17	80.10 -6.33 -4.22	68.09 -5.91 0.81	87.06 -7.54 -3.73	81.19 -7.79 0.54	84.77 -8.57 0.83	85.74 -8.77 0.87	79.96 -8.19 0.89	76.64 -7.94 0.87	81.74 -8.46 0.84	91.90 -9.16 0.73	100.63 -9.07 0.95	102.73 -7.98 1.70	105.54 -7.71 1.83	96.36 -8.42 7.41	93.98 -8.52 9.57	85.40 -7.62 1.13	97.77 -8.79 0.62	94.55 -8.39 0.70
ELBRIDGE_115KV_TB2 80188	65.25 -0.92 -5.06	68.43 -1.38 -3.95	70.07 -1.59 -2.56	69.22 -1.57 -2.67	69.23 -1.50 -2.48	72.07 -1.49 -2.41	83.16 -1.48 -2.44	78.43 -1.50 -5.11	91.13 -2.00 -2.26	91.82 -2.06 -4.36	97.15 -2.26 -5.24	97.98 -2.29 -4.90	92.34 -2.23 -5.53	88.85 -2.05 -5.44	94.21 -2.09 -5.27	104.05 -2.34 -4.60	113.64 -2.43 -5.41	118.19 -1.91 -7.69	121.82 -1.50 -8.24	116.48 -2.24 -6.53	114.91 -2.35 -5.20	98.36 -2.17 -6.38	108.71 -2.47 -3.99	105.95 -2.18 -4.49
ELEC_TRO_TEK 24086	121.26 4.83 -55.33	101.27 4.94 -30.47	93.87 5.04 -19.72	93.71 5.04 -20.54	92.27 4.91 -19.10	99.16 5.19 -22.81	141.25 6.08 -52.97	146.23 5.84 -65.58	146.20 7.72 -47.61	146.38 7.61 -49.24	146.55 8.48 -43.90	144.33 8.77 -40.18	144.19 8.10 -47.06	143.93 7.78 -50.70	146.55 8.38 -47.14	150.96 9.47 -39.71	163.25 10.29 -42.30	196.73 10.68 -73.65	216.81 11.05 -90.69	200.63 10.55 -77.90	185.47 10.53 -62.87	158.32 8.94 -55.23	149.33 10.07 -32.07	147.05 8.81 -34.60

ELLENBURG_WT_PWR 323604	59.03 -2.08 0.00	64.01 -1.84 0.00	67.09 -2.01 0.00	66.01 -2.11 0.00	66.07 -2.19 0.00	68.81 -2.35 0.00	78.91 -3.29 0.00	72.05 -2.77 0.00	87.14 -3.73 0.00	85.85 -3.67 0.00	90.40 -3.77 0.00	91.46 -3.91 0.00	85.56 -3.47 0.00	81.95 -3.51 0.00	87.13 -3.91 0.00	97.41 -4.37 0.00	105.80 -4.87 0.00	107.02 -5.39 0.00	109.32 -5.75 0.00	107.26 -4.93 0.00	107.14 -4.93 0.00	90.20 -3.95 0.00	102.57 -4.61 0.00	99.80 -3.83 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	63.55 -4.71 -7.15	65.52 -5.93 -5.59	66.09 -6.63 -3.62	65.49 -6.40 -3.77	65.48 -6.28 -3.50	67.87 -6.69 -3.40	78.09 -7.56 -3.45	70.27 -7.78 -3.23	83.74 -10.27 -3.14	82.50 -9.85 -2.82	86.94 -10.55 -3.32	87.66 -10.78 -3.06	82.47 -10.06 -3.50	79.67 -9.23 -3.45	84.72 -9.65 -3.33	93.61 -11.09 -2.92	101.77 -12.28 -3.39	105.17 -12.03 -4.79	108.58 -11.62 -5.13	101.11 -12.79 -1.71	99.20 -12.78 0.09	87.22 -10.92 -3.99	98.03 -11.68 -2.54	96.74 -9.74 -2.85
EMPIRE_CC_1 323656	110.22 2.93 -46.18	104.99 3.03 -36.10	95.65 3.18 -23.37	95.59 3.14 -24.33	94.02 3.14 -22.63	96.40 3.28 -21.96	108.24 3.78 -22.25	124.32 2.92 -46.59	122.51 3.82 -27.82	133.30 3.76 -40.02	145.91 3.95 -47.78	144.05 4.00 -44.67	143.26 3.74 -50.49	138.72 3.59 -49.68	142.92 3.82 -48.05	148.07 4.27 -42.01	164.49 4.43 -49.40	187.11 4.50 -70.20	194.76 4.48 -75.21	176.08 4.26 -59.63	163.99 4.49 -47.44	156.39 4.05 -58.19	148.24 4.61 -36.46	148.88 4.25 -41.00
EMPIRE_CC_2 323658	110.22 2.93 -46.18	104.99 3.03 -36.10	95.65 3.18 -23.37	95.59 3.14 -24.33	94.02 3.14 -22.63	96.40 3.28 -21.96	108.24 3.78 -22.25	124.32 2.92 -46.59	122.51 3.82 -27.82	133.30 3.76 -40.02	145.91 3.95 -47.78	144.05 4.00 -44.67	143.26 3.74 -50.49	138.72 3.59 -49.68	142.92 3.82 -48.05	148.07 4.27 -42.01	164.49 4.43 -49.40	187.11 4.50 -70.20	194.76 4.48 -75.21	176.08 4.26 -59.63	163.99 4.49 -47.44	156.39 4.05 -58.19	148.24 4.61 -36.46	148.88 4.25 -41.00
ENORWICH_115KV_TB1 80156	77.38 3.67 -12.61	79.21 3.49 -9.86	78.94 3.45 -6.38	78.38 3.61 -6.65	78.12 3.69 -6.18	81.14 3.98 -6.00	93.21 4.93 -6.08	98.72 5.09 -18.81	104.66 5.82 -7.98	110.94 5.37 -16.04	118.84 5.37 -19.30	119.00 5.53 -18.10	114.41 4.99 -20.39	109.96 4.44 -20.07	114.73 4.28 -19.41	124.55 5.80 -16.96	138.42 7.75 -20.01	151.18 9.44 -29.33	156.85 10.36 -31.42	150.12 8.98 -28.96	146.33 8.74 -25.53	124.50 6.78 -23.57	129.29 7.40 -14.71	127.01 6.84 -16.54
ERIE_ST_34_KV_TB1-2 80199	63.23 -5.26 -7.38	65.10 -6.52 -5.77	65.65 -7.19 -3.73	65.06 -6.95 -3.89	65.04 -6.83 -3.61	67.41 -7.26 -3.51	77.70 -8.06 -3.55	70.76 -7.33 -3.28	85.93 -8.18 -3.24	84.15 -8.24 -2.86	89.25 -8.29 -3.36	90.47 -8.01 -3.11	84.93 -7.66 -3.55	81.26 -7.69 -3.49	86.04 -8.38 -3.38	96.30 -8.45 -2.96	105.80 -8.30 -3.44	109.28 -7.98 -4.86	112.10 -8.17 -5.20	105.19 -8.64 -1.64	103.10 -8.74 0.23	90.10 -8.10 -4.05	100.75 -9.00 -2.57	96.99 -9.53 -2.89
ERIE_WT_PWR 323693	63.88 -4.52 -7.30	65.57 -5.99 -5.71	66.16 -6.63 -3.69	65.56 -6.41 -3.85	65.48 -6.35 -3.58	67.94 -6.69 -3.47	78.24 -7.48 -3.52	70.50 -7.55 -3.23	84.44 -9.63 -3.20	83.04 -9.31 -2.83	87.51 -9.98 -3.32	88.43 -10.01 -3.06	83.19 -9.35 -3.50	80.10 -8.80 -3.45	85.18 -9.19 -3.34	94.32 -10.38 -2.92	102.88 -11.17 -3.39	106.30 -10.90 -4.79	109.27 -10.93 -5.13	102.12 -11.67 -1.60	100.17 -11.66 0.24	87.97 -10.17 -3.99	98.78 -10.93 -2.54	96.95 -9.53 -2.85
ESPRGFLD_115KV_TB1 80157	63.80 2.69 0.00	68.49 2.63 0.00	71.79 2.69 0.00	70.85 2.72 0.00	71.19 2.93 0.00	74.29 3.13 0.00	86.07 3.86 0.00	78.63 3.82 0.00	142.12 4.63 -46.61	95.42 4.30 -1.60	98.60 4.43 0.00	99.67 4.29 0.00	93.22 4.18 0.00	89.38 3.93 0.00	94.95 3.91 0.00	106.37 4.58 0.00	116.64 5.98 0.00	119.27 6.86 0.00	122.44 7.36 0.00	119.15 6.96 0.00	118.68 6.61 0.00	99.70 5.55 0.00	113.29 6.11 0.00	108.92 5.29 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	71.26 0.79 -9.35	73.57 0.40 -7.31	74.11 0.28 -4.73	73.39 0.34 -4.93	73.18 0.34 -4.58	76.10 0.50 -4.45	87.53 0.82 -4.51	100.21 0.90 -24.50	96.96 0.91 -5.18	110.94 0.72 -20.70	119.86 0.57 -25.12	119.47 0.48 -23.62	115.95 0.36 -26.56	111.84 0.26 -26.13	116.58 0.27 -25.27	124.68 0.81 -22.08	138.11 1.33 -26.12	152.97 2.25 -38.32	158.89 2.76 -41.06	156.13 1.80 -42.14	153.18 1.68 -39.43	126.05 1.13 -30.77	127.40 1.07 -19.14	126.09 0.93 -21.52
ETNA____115KV_TB2 80207	71.26 0.79 -9.35	73.57 0.40 -7.31	74.11 0.28 -4.73	73.39 0.34 -4.93	73.18 0.34 -4.58	76.10 0.50 -4.45	87.53 0.82 -4.51	100.21 0.90 -24.50	96.96 0.91 -5.18	110.94 0.72 -20.70	119.86 0.57 -25.12	119.47 0.48 -23.62	115.95 0.36 -26.56	111.84 0.26 -26.13	116.58 0.27 -25.27	124.68 0.81 -22.08	138.11 1.33 -26.12	152.97 2.25 -38.32	158.89 2.76 -41.06	156.13 1.80 -42.14	153.18 1.68 -39.43	126.05 1.13 -30.77	127.40 1.07 -19.14	126.09 0.93 -21.52
EUCLID____115KV_TB2 356179	64.03 -1.28 -4.20	67.37 -1.78 -3.29	69.22 -2.00 -2.13	68.43 -1.91 -2.21	68.47 -1.84 -2.06	71.24 -1.92 -2.00	82.17 -2.06 -2.03	77.04 -2.02 -4.24	88.33 -2.73 -0.19	90.49 -2.60 -3.56	95.70 -2.83 -4.35	96.48 -2.96 -4.07	90.87 -2.76 -4.60	87.41 -2.56 -4.52	92.78 -2.64 -4.38	102.66 -2.95 -3.83	111.95 -3.21 -4.50	115.99 -2.81 -6.39	119.39 -2.53 -6.85	114.48 -3.14 -5.43	113.14 -3.25 -4.32	96.62 -2.82 -5.30	107.28 -3.22 -3.32	104.46 -2.90 -3.73
E_CANADA_CAP_HY 24051	120.77 3.60 -56.06	113.30 3.62 -43.82	101.26 3.80 -28.36	101.41 3.74 -29.54	99.82 4.09 -27.47	102.09 4.27 -26.66	114.31 5.10 -27.01	136.32 4.94 -56.56	158.12 5.82 -61.43	144.34 5.28 -49.53	157.54 5.37 -58.00	154.66 5.05 -54.24	155.58 5.25 -61.30	150.72 4.95 -60.32	154.38 5.00 -58.34	158.18 5.39 -51.00	177.61 6.98 -59.97	205.73 8.10 -85.22	214.89 8.52 -91.30	193.00 8.42 -72.39	177.62 7.96 -57.59	171.86 7.06 -70.65	159.26 7.82 -44.26	160.34 6.94 -49.77
E_CANADA_MHWK_HY 24050	62.45 1.34 0.00	67.24 1.39 0.00	70.48 1.38 0.00	69.49 1.36 0.00	69.62 1.36 0.00	72.58 1.42 0.00	83.85 1.64 0.00	76.46 1.64 0.00	92.87 2.00 0.00	91.49 1.97 0.00	96.24 2.07 0.00	97.47 2.10 0.00	91.08 2.05 0.00	87.42 1.97 0.00	92.77 1.73 0.00	103.71 1.93 0.00	112.76 2.10 0.00	114.66 2.25 0.00	117.37 2.30 0.00	114.32 2.13 0.00	114.19 2.12 0.00	95.85 1.70 0.00	109.65 2.47 0.00	105.91 2.28 0.00
E_FISHKILL____LBMP 23776	104.55 3.42 -40.02	100.83 3.69 -31.29	93.15 3.80 -20.25	92.96 3.75 -21.09	91.48 3.62 -19.61	94.04 3.84 -19.04	105.93 4.44 -19.28	119.34 4.19 -40.33	113.78 5.72 -17.18	129.57 5.64 -34.40	141.75 6.22 -41.36	140.44 6.39 -38.67	138.62 5.88 -43.71	134.10 5.64 -43.01	138.74 6.10 -41.60	145.07 6.92 -36.37	160.95 7.52 -42.76	181.05 7.87 -60.77	188.23 8.06 -65.11	171.44 7.63 -51.62	160.76 7.62 -41.07	150.83 6.31 -50.38	146.14 7.40 -31.56	145.49 6.32 -35.53
FALCON____SEABRD_CC1 323796	59.82 -1.29 0.00	64.80 -1.06 0.00	67.92 -1.18 0.00	66.83 -1.30 0.00	66.82 -1.44 0.00	69.66 -1.50 0.00	79.41 -2.80 0.00	72.50 -2.32 0.00	87.60 -3.27 0.00	86.31 -3.22 0.00	90.88 -3.30 0.00	91.94 -3.43 0.00	85.91 -3.12 0.00	82.29 -3.16 0.00	87.58 -3.46 0.00	97.81 -3.97 0.00	106.34 -4.32 0.00	107.69 -4.72 0.00	110.01 -5.06 0.00	107.81 -4.38 0.00	107.70 -4.37 0.00	90.67 -3.48 0.00	103.00 -4.18 0.00	100.94 -2.70 0.00

FALCON___SEABRD_CC2 323797	59.82 -1.29 0.00	64.80 -1.06 0.00	67.92 -1.18 0.00	66.83 -1.30 0.00	66.82 -1.44 0.00	69.66 -1.50 0.00	79.41 -2.80 0.00	72.50 -2.32 0.00	87.60 -3.27 0.00	86.31 -3.22 0.00	90.88 -3.30 0.00	91.94 -3.43 0.00	85.91 -3.12 0.00	82.29 -3.16 0.00	87.58 -3.46 0.00	97.81 -3.97 0.00	106.34 -4.32 0.00	107.69 -4.72 0.00	110.01 -5.06 0.00	107.81 -4.38 0.00	107.70 -4.37 0.00	90.67 -3.48 0.00	103.00 -4.18 0.00	100.94 -2.70 0.00
FAR ROCKAWAY___4 23548	122.00 5.56 -55.33	102.06 5.73 -30.47	94.70 5.87 -19.72	94.46 5.79 -20.54	93.02 5.66 -19.10	100.01 6.05 -22.81	142.24 7.07 -52.97	147.13 6.73 -65.58	147.38 8.91 -47.61	147.54 8.77 -49.24	147.77 9.70 -43.90	145.48 9.92 -40.18	145.35 9.26 -47.06	144.96 8.80 -50.70	147.64 9.47 -47.14	152.28 10.79 -39.71	164.69 11.73 -42.30	198.42 12.37 -73.65	218.65 12.89 -90.69	202.43 12.34 -77.90	187.16 12.22 -62.87	159.73 10.36 -55.23	150.83 11.58 -32.07	148.40 10.16 -34.60
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	104.31 4.22 -38.99	100.75 4.41 -30.48	93.32 4.49 -19.73	93.10 4.43 -20.54	91.66 4.30 -19.10	94.18 4.48 -18.54	106.17 5.18 -18.78	119.35 5.01 -39.52	114.55 6.91 -16.77	130.04 6.80 -33.71	142.42 7.72 -40.53	141.28 8.01 -37.90	139.34 7.48 -42.83	134.69 7.09 -42.14	139.45 7.65 -40.76	146.07 8.65 -35.63	161.86 9.30 -41.90	181.74 9.78 -59.55	188.99 10.13 -63.80	172.42 9.65 -50.58	161.95 9.64 -40.24	151.70 8.19 -49.36	147.54 9.43 -30.92	146.33 8.08 -34.61
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	104.31 4.22 -38.99	100.75 4.41 -30.48	93.32 4.49 -19.73	93.10 4.43 -20.54	91.66 4.30 -19.10	94.18 4.48 -18.54	106.17 5.18 -18.78	119.35 5.01 -39.52	114.55 6.91 -16.77	130.04 6.80 -33.71	142.42 7.72 -40.53	141.28 8.01 -37.90	139.34 7.48 -42.83	134.69 7.09 -42.14	139.45 7.65 -40.76	146.07 8.65 -35.63	161.97 9.41 -41.90	181.74 9.78 -59.55	188.99 10.13 -63.80	172.42 9.65 -50.58	161.95 9.64 -40.24	151.80 8.29 -49.36	147.54 9.43 -30.92	146.33 8.08 -34.61
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	104.25 4.16 -38.99	100.68 4.35 -30.48	93.32 4.49 -19.73	93.10 4.43 -20.54	91.59 4.23 -19.10	94.18 4.48 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.46 6.82 -16.77	129.95 6.71 -33.71	142.42 7.72 -40.53	141.28 8.01 -37.90	139.25 7.39 -42.83	134.69 7.09 -42.14	139.45 7.65 -40.76	145.97 8.55 -35.63	161.86 9.30 -41.90	181.62 9.67 -59.55	188.88 10.01 -63.80	172.31 9.54 -50.58	161.83 9.53 -40.24	151.70 8.19 -49.36	147.43 9.32 -30.92	146.23 7.98 -34.61
FARRAGUT___LBMP 323566	104.25 4.16 -38.99	100.62 4.28 -30.48	93.25 4.42 -19.73	93.03 4.36 -20.54	91.59 4.23 -19.10	94.11 4.41 -18.54	106.00 5.01 -18.78	119.28 4.94 -39.52	114.37 6.72 -16.77	129.95 6.71 -33.71	142.33 7.63 -40.53	141.19 7.92 -37.90	139.17 7.30 -42.83	134.60 7.01 -42.14	139.36 7.56 -40.76	145.87 8.45 -35.63	161.75 9.18 -41.90	181.51 9.55 -59.55	188.76 9.90 -63.80	172.19 9.42 -50.58	161.72 9.41 -40.24	151.61 8.10 -49.36	147.43 9.32 -30.92	146.12 7.88 -34.61
FENNER___WINDPWR 24204	67.68 1.34 -5.23	71.20 1.25 -4.09	72.92 1.17 -2.65	72.11 1.23 -2.76	72.11 1.29 -2.56	75.07 1.42 -2.49	86.53 1.81 -2.52	84.75 1.79 -8.14	95.32 2.00 -2.45	98.32 1.88 -6.91	104.41 1.88 -8.35	105.01 1.81 -7.83	99.55 1.69 -8.83	95.68 1.54 -8.68	100.98 1.55 -8.40	111.16 2.03 -7.34	121.87 2.55 -8.66	127.96 3.04 -12.52	131.82 3.34 -13.41	127.32 2.69 -12.45	125.77 2.69 -11.02	106.33 1.98 -10.20	115.69 2.14 -6.37	112.86 2.07 -7.16
FIBERTEK___ENERGY 23856	65.65 -0.31 -4.84	68.92 -0.72 -3.79	70.65 -0.90 -2.45	69.79 -0.89 -2.55	69.81 -0.82 -2.37	72.68 -0.78 -2.30	83.80 -0.74 -2.33	79.03 -0.67 -4.89	91.93 -1.09 -2.15	92.62 -1.07 -4.17	98.06 -1.13 -5.01	98.82 -1.24 -4.69	93.17 -1.16 -5.30	89.55 -1.11 -5.21	94.99 -1.09 -5.04	105.07 -1.12 -4.41	114.63 -1.22 -5.18	119.21 -0.56 -7.36	122.85 -0.12 -7.89	117.55 -0.90 -6.26	116.04 -1.01 -4.98	99.22 -1.04 -6.11	109.72 -1.29 -3.82	106.79 -1.14 -4.30
FITZPATRICK___ 23598	62.03 -2.14 -3.06	65.62 -2.64 -2.39	67.75 -2.90 -1.55	66.94 -2.80 -1.61	66.95 -2.80 -1.50	69.77 -2.85 -1.46	80.47 -3.21 -1.48	74.84 -3.07 -3.09	87.10 -3.90 -0.14	88.28 -3.85 -2.60	93.20 -4.14 -3.17	94.05 -4.29 -2.96	88.38 -4.00 -3.35	84.99 -3.76 -3.30	90.32 -3.91 -3.19	100.10 -4.48 -2.79	109.07 -4.87 -3.28	112.45 -4.61 -4.66	115.46 -4.61 -4.99	111.33 -4.82 -3.96	110.29 -4.93 -3.15	93.87 -4.14 -3.86	104.89 -4.71 -2.42	102.01 -4.35 -2.72
FLOWRFLD_69_KV_BK1 356044	122.42 5.99 -55.33	102.52 6.19 -30.47	95.11 6.29 -19.72	94.93 6.27 -20.54	93.50 6.14 -19.10	100.44 6.48 -22.81	142.73 7.56 -52.97	147.50 7.11 -65.58	147.74 9.27 -47.61	147.81 9.04 -49.24	147.77 9.70 -43.90	145.48 9.92 -40.18	145.17 9.08 -47.06	144.87 8.72 -50.70	147.64 9.47 -47.14	152.38 10.89 -39.71	165.02 12.06 -42.30	198.56 12.37 -73.79	231.19 12.89 -103.23	234.67 12.12 -110.36	187.20 12.22 -62.92	239.39 10.36 -134.88	151.30 12.00 -32.12	148.86 10.57 -34.65
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	104.47 4.03 -39.33	100.89 4.28 -30.75	93.35 4.35 -19.90	93.14 4.29 -20.73	91.76 4.23 -19.27	94.35 4.48 -18.71	106.50 5.34 -18.95	119.58 5.09 -39.67	114.84 6.91 -17.06	130.18 6.80 -33.85	142.11 7.25 -40.68	140.85 7.44 -38.04	138.88 6.86 -43.00	134.34 6.58 -42.31	139.15 7.19 -40.92	145.70 8.14 -35.77	161.69 8.96 -42.06	181.63 9.44 -59.77	189.12 10.01 -64.04	172.39 9.42 -50.78	161.88 9.41 -40.40	151.42 7.72 -49.55	147.01 8.79 -31.04	146.22 7.67 -34.92
FORT ORANGE___ 23900	111.50 2.81 -47.58	106.02 2.97 -37.20	96.21 3.04 -24.07	96.19 2.99 -25.07	94.64 3.07 -23.31	96.99 3.21 -22.63	108.83 3.70 -22.92	125.44 2.62 -48.01	134.48 3.09 -40.52	134.30 3.13 -41.64	146.51 3.10 -49.23	144.55 3.14 -46.03	143.99 2.93 -52.03	139.46 2.82 -51.19	143.65 3.10 -49.51	148.12 3.05 -43.28	164.65 3.09 -50.90	188.11 3.37 -72.33	196.01 3.45 -77.49	176.99 3.36 -61.44	164.20 3.25 -48.88	156.84 2.73 -59.96	148.07 3.33 -37.56	150.03 4.15 -42.24
FORT_DRUM_COGEN 23780	66.03 2.38 -2.54	70.15 2.31 -1.98	72.66 2.28 -1.28	71.85 2.38 -1.34	71.82 2.32 -1.24	74.93 2.56 -1.21	86.39 2.96 -1.22	81.05 3.67 -2.56	94.53 3.54 -0.11	94.90 3.22 -2.15	100.10 3.30 -2.63	101.07 3.24 -2.46	94.75 2.94 -2.78	90.66 2.48 -2.73	95.96 2.28 -2.64	107.56 3.46 -2.31	117.92 4.54 -2.72	122.00 5.73 -3.86	125.42 6.21 -4.14	120.85 5.39 -3.28	119.72 5.04 -2.61	101.02 3.67 -3.20	113.15 3.97 -2.00	109.93 4.04 -2.25
FOX_HILLS___ESR 323835	104.69 4.58 -39.00	101.09 4.74 -30.49	93.67 4.84 -19.74	93.45 4.77 -20.55	91.86 4.50 -19.10	94.26 4.55 -18.54	105.84 4.85 -18.78	119.21 4.86 -39.52	114.46 6.82 -16.78	129.95 6.71 -33.71	142.43 7.72 -40.53	141.38 8.11 -37.90	139.35 7.48 -42.83	134.69 7.09 -42.15	139.54 7.74 -40.76	146.07 8.65 -35.64	162.08 9.52 -41.91	282.08 10.12 -159.55	289.34 10.47 -163.80	337.33 9.98 -215.16	262.40 10.09 -140.24	152.08 8.57 -49.37	147.98 9.86 -30.93	146.55 8.29 -34.62
FPL FAR_ROCK_GT1 24212	122.00 5.56 -55.33	101.99 5.66 -30.47	94.69 5.87 -19.72	94.45 5.79 -20.54	93.01 5.66 -19.10	100.01 6.04 -22.81	142.24 7.07 -52.97	147.13 6.74 -65.58	147.39 8.91 -47.61	147.55 8.78 -49.24	147.78 9.70 -43.90	145.48 9.92 -40.19	145.35 9.26 -47.06	144.96 8.80 -50.70	147.65 9.47 -47.14	152.28 10.78 -39.71	164.69 11.72 -42.30	198.42 12.37 -73.65	218.53 12.77 -90.69	202.32 12.23 -77.90	187.16 12.22 -62.88	159.74 10.36 -55.23	150.84 11.58 -32.08	148.40 10.16 -34.60

FPL FAR_ROCK_GT2 23815	122.00 5.56 -55.33	101.99 5.66 -30.47	94.69 5.87 -19.72	94.45 5.79 -20.54	93.01 5.66 -19.10	100.01 6.04 -22.81	142.24 7.07 -52.97	147.13 6.74 -65.58	147.39 8.91 -47.61	147.55 8.78 -49.24	147.78 9.70 -43.90	145.48 9.92 -40.19	145.35 9.26 -47.06	144.96 8.80 -50.70	147.65 9.47 -47.14	152.28 10.78 -39.71	164.69 11.72 -42.30	198.42 12.37 -73.65	218.53 12.77 -90.69	202.32 12.23 -77.90	187.16 12.22 -62.88	159.74 10.36 -55.23	150.84 11.58 -32.08	148.40 10.16 -34.60
FRANKLIN_FALL_HYD 24054	60.37 -0.73 0.00	65.46 -0.40 0.00	68.62 -0.48 0.00	67.51 -0.61 0.00	67.57 -0.68 0.00	70.45 -0.71 0.00	80.97 -1.23 0.00	74.00 -0.82 0.00	89.32 -1.54 0.00	88.00 -1.52 0.00	92.57 -1.60 0.00	93.66 -1.72 0.00	87.52 -1.51 0.00	83.66 -1.79 0.00	88.95 -2.09 0.00	99.24 -2.54 0.00	107.90 -2.77 0.00	109.38 -3.04 0.00	111.39 -3.68 0.00	109.50 -2.69 0.00	109.38 -2.69 0.00	92.08 -2.07 0.00	104.61 -2.57 0.00	101.87 -1.76 0.00
FREEPORT_EQUS_GT1 23764	121.69 5.26 -55.33	101.66 5.33 -30.47	94.28 5.46 -19.72	94.12 5.45 -20.54	92.68 5.33 -19.10	99.66 5.69 -22.81	141.83 6.66 -52.97	146.75 6.36 -65.58	146.83 8.35 -47.61	147.00 8.23 -49.24	147.31 9.23 -43.90	145.00 9.44 -40.19	144.82 8.73 -47.06	144.54 8.38 -50.70	147.19 9.01 -47.14	151.77 10.28 -39.71	164.13 11.17 -42.30	197.30 11.24 -73.65	217.38 11.62 -90.69	201.20 11.11 -77.90	186.38 11.44 -62.87	159.08 9.70 -55.23	150.19 10.94 -32.07	147.77 9.53 -34.60
FREEPORT___CT2 23818	121.69 5.26 -55.33	101.66 5.33 -30.47	94.28 5.46 -19.72	94.12 5.45 -20.54	92.68 5.33 -19.10	99.66 5.69 -22.81	141.83 6.66 -52.97	146.75 6.36 -65.58	146.83 8.35 -47.61	147.00 8.23 -49.24	147.31 9.23 -43.90	145.00 9.44 -40.19	144.82 8.73 -47.06	144.54 8.38 -50.70	147.19 9.01 -47.14	151.77 10.28 -39.71	164.13 11.17 -42.30	197.30 11.24 -73.65	217.38 11.62 -90.69	201.20 11.11 -77.90	186.38 11.44 -62.87	159.08 9.70 -55.23	150.19 10.94 -32.07	147.77 9.53 -34.60
FRESHKLS_33_KV_LOAD 356253	104.63 4.52 -39.00	101.02 4.68 -30.49	93.60 4.77 -19.74	93.38 4.70 -20.55	91.79 4.44 -19.10	94.11 4.41 -18.54	105.68 4.69 -18.78	119.06 4.71 -39.52	114.28 6.63 -16.78	129.59 6.36 -33.71	121.78 7.44 -20.17	121.89 7.82 -18.69	121.84 7.21 -25.60	121.73 6.84 -29.45	139.18 7.37 -40.76	145.77 8.35 -35.64	161.75 9.18 -41.91	281.74 9.78 -159.55	289.00 10.13 -163.80	337.11 9.76 -215.16	262.06 9.75 -140.24	151.89 8.38 -49.37	147.65 9.54 -30.93	146.24 7.98 -34.62
FULTON COGEN____ 23766	65.63 0.37 -4.15	69.11 0.00 -3.25	70.99 -0.21 -2.10	70.18 -0.14 -2.19	70.22 -0.07 -2.04	73.06 -0.07 -1.98	84.37 0.16 -2.00	79.24 0.22 -4.19	91.05 0.00 -0.18	93.05 0.00 -3.52	98.38 -0.09 -4.30	99.30 -0.10 -4.02	93.49 -0.09 -4.54	89.92 0.00 -4.47	95.27 -0.09 -4.32	105.77 0.20 -3.78	115.44 0.33 -4.45	119.85 1.12 -6.32	123.57 1.73 -6.77	118.23 0.67 -5.37	116.90 0.56 -4.27	99.57 0.19 -5.24	110.57 0.11 -3.28	107.53 0.21 -3.69
FULTON___LFGE 323630	118.93 4.40 -53.42	112.03 4.41 -41.76	100.83 4.70 -27.03	100.91 4.63 -28.15	99.41 4.98 -26.18	101.76 5.19 -25.41	114.03 6.08 -25.74	134.56 5.84 -53.90	164.21 6.90 -66.44	143.45 6.45 -47.47	156.14 6.69 -55.27	153.45 6.39 -51.68	153.86 6.41 -58.41	149.00 6.07 -57.48	152.91 6.28 -55.59	157.51 7.12 -48.60	176.55 8.74 -57.15	203.40 9.77 -81.21	212.44 10.36 -87.01	191.49 10.31 -68.99	176.81 9.86 -54.88	169.66 8.19 -67.32	158.46 9.11 -42.18	159.35 8.29 -47.42
G.F.CEMENT___DRP 24184	115.67 5.13 -49.42	109.77 5.27 -38.64	99.77 5.67 -25.01	99.76 5.59 -26.04	98.34 5.87 -24.22	100.71 6.05 -23.51	113.01 6.99 -23.81	131.20 6.51 -49.87	166.37 8.27 -67.23	141.70 8.06 -44.12	153.79 8.48 -51.14	151.49 8.30 -47.82	150.82 7.75 -54.04	145.98 7.35 -53.18	150.03 7.56 -51.43	155.50 8.75 -44.96	173.49 9.96 -52.87	198.23 10.68 -75.14	206.62 11.05 -80.50	187.01 10.99 -63.82	173.27 10.42 -50.78	165.10 8.66 -62.29	155.85 9.65 -39.02	156.53 9.02 -43.88
GARDENVILLE___LBMP 24039	63.62 -4.77 -7.28	65.55 -5.99 -5.69	66.15 -6.63 -3.68	65.49 -6.47 -3.83	65.47 -6.35 -3.56	67.86 -6.76 -3.46	78.15 -7.56 -3.51	70.46 -7.56 -3.20	84.15 -9.90 -3.19	82.83 -9.49 -2.80	87.28 -10.17 -3.28	88.20 -10.20 -3.03	82.88 -9.62 -3.47	79.98 -8.89 -3.41	85.05 -9.29 -3.30	94.09 -10.59 -2.89	102.39 -11.62 -3.35	105.90 -11.24 -4.73	109.21 -10.93 -5.07	101.85 -11.89 -1.55	99.79 -11.99 0.28	87.74 -10.36 -3.95	98.54 -11.15 -2.51	96.82 -9.64 -2.82
GARDNVLA_35_KV_LD 355827	63.77 -4.64 -7.31	65.71 -5.86 -5.71	66.30 -6.50 -3.70	65.64 -6.34 -3.85	65.62 -6.21 -3.58	68.09 -6.55 -3.48	78.41 -7.32 -3.52	70.66 -7.41 -3.25	84.62 -9.45 -3.21	83.14 -9.22 -2.84	87.71 -9.79 -3.33	88.63 -9.82 -3.08	83.38 -9.17 -3.52	80.28 -8.63 -3.46	85.28 -9.10 -3.35	94.54 -10.18 -2.93	103.00 -11.07 -3.40	106.54 -10.68 -4.81	109.75 -10.47 -5.15	102.37 -11.44 -1.62	100.41 -11.43 0.23	88.18 -9.98 -4.01	99.01 -10.72 -2.55	97.17 -9.33 -2.86
GELCKHM___115KV_LOAD 80723	64.64 -0.92 -4.44	67.95 -1.38 -3.47	69.76 -1.59 -2.25	68.90 -1.57 -2.34	68.93 -1.50 -2.18	71.78 -1.49 -2.11	82.78 -1.56 -2.14	77.81 -1.50 -4.48	88.98 -2.09 -0.20	91.23 -2.06 -3.77	96.51 -2.26 -4.60	97.38 -2.29 -4.30	91.76 -2.14 -4.86	88.27 -1.97 -4.78	93.57 -2.09 -4.63	103.59 -2.24 -4.04	112.98 -2.43 -4.76	117.26 -1.91 -6.76	120.70 -1.61 -7.24	115.57 -2.36 -5.74	114.28 -2.35 -4.57	97.59 -2.17 -5.60	108.22 -2.47 -3.51	105.40 -2.18 -3.94
GENERAL___MILLS 23808	63.64 -4.77 -7.30	65.57 -5.99 -5.71	66.16 -6.63 -3.69	65.57 -6.40 -3.85	65.55 -6.28 -3.58	67.94 -6.69 -3.47	78.24 -7.48 -3.52	70.57 -7.48 -3.23	84.44 -9.63 -3.20	83.04 -9.31 -2.83	87.60 -9.89 -3.32	88.52 -9.92 -3.06	83.19 -9.35 -3.50	80.18 -8.72 -3.45	85.18 -9.20 -3.34	94.42 -10.28 -2.92	102.87 -11.18 -3.39	106.29 -10.90 -4.79	109.61 -10.59 -5.13	102.24 -11.56 -1.60	100.28 -11.54 0.24	88.07 -10.07 -3.99	98.89 -10.83 -2.54	97.06 -9.43 -2.85
GE_PLASTICS___DRP 24183	111.03 2.38 -47.54	105.53 2.50 -37.17	95.71 2.56 -24.06	95.70 2.52 -25.05	94.14 2.59 -23.30	96.40 2.63 -22.61	108.15 3.04 -22.91	125.41 2.62 -47.97	129.31 3.27 -35.17	134.17 3.22 -41.42	146.66 3.30 -49.19	144.80 3.43 -46.00	144.13 3.12 -51.98	139.68 3.08 -51.15	143.79 3.28 -49.47	148.39 3.36 -43.25	165.06 3.54 -50.86	188.39 3.71 -72.27	196.30 3.80 -77.43	177.17 3.59 -61.39	164.50 3.59 -48.84	157.07 3.01 -59.91	148.25 3.54 -37.53	149.37 3.52 -42.21
GILBOA___1 23756	101.04 2.14 -37.80	97.58 2.17 -29.55	90.44 2.21 -19.12	90.22 2.18 -19.92	88.96 2.18 -18.52	91.41 2.28 -17.98	103.12 2.71 -18.21	115.42 2.47 -38.14	108.83 3.27 -14.69	125.22 3.22 -32.48	136.77 3.49 -39.11	135.47 3.53 -36.57	133.66 3.30 -41.33	129.28 3.16 -40.67	133.74 3.37 -39.33	139.94 3.77 -34.39	155.30 4.20 -40.43	174.03 4.16 -57.46	180.89 4.26 -61.56	165.03 4.03 -48.81	155.16 4.26 -38.83	145.27 3.49 -47.63	140.99 3.97 -29.84	140.72 3.53 -33.56
GILBOA___2 23757	101.04 2.14 -37.80	97.58 2.17 -29.55	90.44 2.21 -19.12	90.22 2.18 -19.92	88.96 2.18 -18.52	91.41 2.28 -17.98	103.12 2.71 -18.21	115.42 2.47 -38.14	108.83 3.27 -14.69	125.22 3.22 -32.48	136.77 3.49 -39.11	135.47 3.53 -36.57	133.66 3.30 -41.33	129.28 3.16 -40.67	133.74 3.37 -39.33	139.94 3.77 -34.39	155.30 4.20 -40.43	174.03 4.16 -57.46	180.89 4.26 -61.56	165.03 4.03 -48.81	155.16 4.26 -38.83	145.27 3.49 -47.63	140.99 3.97 -29.84	140.72 3.53 -33.56

GILBOA___3 23758	101.04 2.14 -37.80	97.58 2.17 -29.55	90.44 2.21 -19.12	90.22 2.18 -19.92	88.96 2.18 -18.52	91.41 2.28 -17.98	103.12 2.71 -18.21	115.42 2.47 -38.14	108.83 3.27 -14.69	125.22 3.22 -32.48	136.77 3.49 -39.11	135.47 3.53 -36.57	133.66 3.30 -41.33	129.28 3.16 -40.67	133.74 3.37 -39.33	139.94 3.77 -34.39	155.30 4.20 -40.43	174.03 4.16 -57.46	180.89 4.26 -61.56	165.03 4.03 -48.81	155.16 4.26 -38.83	145.27 3.49 -47.63	140.99 3.97 -29.84	140.72 3.53 -33.56
GILBOA___4 23759	101.04 2.14 -37.80	97.58 2.17 -29.55	90.44 2.21 -19.12	90.22 2.18 -19.92	88.96 2.18 -18.52	91.41 2.28 -17.98	103.12 2.71 -18.21	115.42 2.47 -38.14	108.83 3.27 -14.69	125.22 3.22 -32.48	136.77 3.49 -39.11	135.47 3.53 -36.57	133.66 3.30 -41.33	129.28 3.16 -40.67	133.74 3.37 -39.33	139.94 3.77 -34.39	155.30 4.20 -40.43	174.03 4.16 -57.46	180.89 4.26 -61.56	165.03 4.03 -48.81	155.16 4.26 -38.83	145.27 3.49 -47.63	140.99 3.97 -29.84	140.72 3.53 -33.56
GILBOA___ 23599	101.04 2.14 -37.80	97.58 2.17 -29.55	90.44 2.21 -19.12	90.22 2.18 -19.92	88.96 2.18 -18.52	91.41 2.28 -17.98	103.13 2.71 -18.21	115.43 2.47 -38.14	108.83 3.27 -14.69	125.23 3.22 -32.48	136.77 3.48 -39.11	135.47 3.53 -36.57	133.66 3.29 -41.33	129.28 3.16 -40.67	133.74 3.37 -39.33	139.94 3.77 -34.39	155.30 4.21 -40.43	174.03 4.16 -57.46	180.89 4.26 -61.56	165.04 4.04 -48.81	155.16 4.26 -38.83	145.27 3.48 -47.63	141.09 4.07 -29.84	140.71 3.52 -33.56
GINNA___ 23603	62.38 -4.22 -5.49	64.88 -5.27 -4.29	66.14 -5.73 -2.78	65.36 -5.65 -2.89	65.42 -5.53 -2.69	68.07 -5.70 -2.61	78.68 -6.17 -2.64	71.90 -6.36 -3.44	84.44 -8.81 -2.39	83.90 -8.59 -2.97	88.38 -9.32 -3.53	89.03 -9.63 -3.28	83.68 -9.08 -3.73	80.75 -8.37 -3.67	85.94 -8.65 -3.55	94.71 -10.18 -3.11	102.78 -11.51 -3.63	106.64 -10.90 -5.13	109.99 -10.58 -5.50	103.82 -11.44 -3.08	102.07 -11.66 -1.66	88.54 -9.88 -4.28	98.94 -10.93 -2.70	97.75 -8.91 -3.03
GLEN PARK___ 23778	66.61 2.87 -2.63	70.68 2.77 -2.06	73.20 2.77 -1.33	72.37 2.86 -1.39	72.34 2.80 -1.29	75.54 3.13 -1.25	87.09 3.61 -1.27	81.66 4.19 -2.66	95.17 4.18 -0.12	95.60 3.85 -2.23	100.76 3.86 -2.73	101.64 3.72 -2.55	95.30 3.38 -2.88	91.19 2.91 -2.83	96.51 2.73 -2.74	108.36 4.17 -2.40	118.90 5.42 -2.82	123.16 6.74 -4.00	126.84 7.48 -4.29	121.98 6.39 -3.40	120.82 6.05 -2.71	101.99 4.52 -3.32	114.09 4.83 -2.08	110.84 4.87 -2.34
GLENDALE_27_KV_LOAD 356172	104.81 4.71 -39.00	101.22 4.87 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.07 4.71 -19.10	94.47 4.77 -18.54	106.41 5.43 -18.78	119.66 5.31 -39.52	115.00 7.36 -16.78	130.49 7.25 -33.71	143.09 8.38 -40.53	141.95 8.68 -37.90	139.97 8.10 -42.83	135.29 7.69 -42.15	140.09 8.28 -40.76	146.68 9.26 -35.64	162.64 10.07 -41.91	182.53 10.57 -59.55	189.80 10.93 -63.80	173.21 10.43 -50.58	162.73 10.42 -40.24	152.46 8.94 -49.37	148.40 10.29 -30.93	147.06 8.81 -34.62
GLENWOOD_IC_1_G5 23712	121.57 5.13 -55.33	101.60 5.27 -30.47	94.21 5.39 -19.72	93.98 5.31 -20.54	92.61 5.26 -19.10	99.52 5.55 -22.81	141.66 6.49 -52.97	146.60 6.21 -65.58	146.74 8.27 -47.61	147.01 8.24 -49.24	147.20 9.13 -43.90	144.90 9.35 -40.18	144.73 8.64 -47.06	144.45 8.29 -50.70	147.10 8.92 -47.14	151.57 10.08 -39.71	163.91 10.96 -42.30	197.52 11.47 -73.65	217.61 11.85 -90.69	201.42 11.33 -77.90	186.15 11.21 -62.87	158.88 9.51 -55.23	149.97 10.72 -32.07	147.57 9.33 -34.60
GLENWOOD_IC_2_G1 23688	121.45 5.01 -55.33	101.40 5.07 -30.47	94.07 5.25 -19.72	93.84 5.17 -20.54	92.40 5.05 -19.10	99.37 5.41 -22.81	141.50 6.33 -52.97	146.38 5.99 -65.58	146.47 8.00 -47.61	146.65 7.88 -49.24	146.83 8.76 -43.90	144.62 9.07 -40.19	144.46 8.37 -47.06	144.19 8.03 -50.70	146.83 8.65 -47.14	151.17 9.67 -39.71	163.58 10.62 -42.30	197.08 11.02 -73.65	217.27 11.51 -90.69	200.97 10.88 -77.90	185.81 10.87 -62.87	158.61 9.23 -55.23	149.65 10.39 -32.07	147.25 9.01 -34.60
GLENWOOD_IC_3_G1 23689	121.45 5.01 -55.33	101.40 5.07 -30.47	94.07 5.25 -19.72	93.84 5.17 -20.54	92.40 5.05 -19.10	99.37 5.41 -22.81	141.50 6.33 -52.97	146.38 5.99 -65.58	146.47 8.00 -47.61	146.65 7.88 -49.24	146.83 8.76 -43.90	144.62 9.07 -40.19	144.46 8.37 -47.06	144.19 8.03 -50.70	146.83 8.65 -47.14	151.17 9.67 -39.71	163.58 10.62 -42.30	197.08 11.02 -73.65	217.27 11.51 -90.69	200.97 10.88 -77.90	185.81 10.87 -62.87	158.61 9.23 -55.23	149.65 10.39 -32.07	147.25 9.01 -34.60
GLENWOOD___4 23550	121.57 5.13 -55.33	101.60 5.27 -30.47	94.21 5.39 -19.72	93.98 5.31 -20.54	92.61 5.26 -19.10	99.52 5.55 -22.81	141.66 6.49 -52.97	146.60 6.21 -65.58	146.74 8.27 -47.61	147.01 8.24 -49.24	147.20 9.13 -43.90	144.90 9.35 -40.18	144.73 8.64 -47.06	144.45 8.29 -50.70	147.10 8.92 -47.14	151.57 10.08 -39.71	163.91 10.96 -42.30	197.52 11.47 -73.65	217.61 11.85 -90.69	201.42 11.33 -77.90	186.15 11.21 -62.87	158.88 9.51 -55.23	149.97 10.72 -32.07	147.57 9.33 -34.60
GLENWOOD___5 23614	121.57 5.13 -55.33	101.60 5.27 -30.47	94.21 5.39 -19.72	93.98 5.31 -20.54	92.61 5.26 -19.10	99.52 5.55 -22.81	141.66 6.49 -52.97	146.60 6.21 -65.58	146.74 8.27 -47.61	147.01 8.24 -49.24	147.20 9.13 -43.90	144.90 9.35 -40.18	144.73 8.64 -47.06	144.45 8.29 -50.70	147.10 8.92 -47.14	151.57 10.08 -39.71	163.91 10.96 -42.30	197.52 11.47 -73.65	217.61 11.85 -90.69	201.42 11.33 -77.90	186.15 11.21 -62.87	158.88 9.51 -55.23	149.97 10.72 -32.07	147.57 9.33 -34.60
GLOBAL GREEN_PORT_GT1 23814	122.49 6.05 -55.33	102.46 6.13 -30.47	95.18 6.35 -19.72	95.00 6.34 -20.54	93.63 6.28 -19.10	100.58 6.62 -22.81	142.90 7.72 -52.97	147.88 7.48 -65.58	148.56 10.09 -47.61	148.44 9.67 -49.24	147.58 9.51 -43.90	145.09 9.54 -40.18	144.91 8.82 -47.06	144.54 8.38 -50.70	147.37 9.19 -47.14	152.39 10.90 -39.71	164.68 11.72 -42.30	198.66 12.48 -73.77	229.05 12.43 -101.55	230.31 12.12 -106.00	186.53 11.55 -62.91	228.30 9.98 -124.18	150.98 11.68 -32.11	149.38 11.09 -34.65
GLOBE___DSASP 323697	62.71 -5.19 -6.79	64.71 -6.45 -5.31	65.35 -7.19 -3.44	64.76 -6.95 -3.58	64.69 -6.89 -3.33	66.99 -7.40 -3.23	76.52 -8.96 -3.27	68.33 -9.80 -3.32	80.39 -13.45 -2.97	79.70 -12.71 -2.89	83.73 -13.84 -3.40	84.22 -14.31 -3.15	79.36 -13.27 -3.59	76.94 -12.05 -3.54	82.17 -12.29 -3.42	90.12 -14.66 -2.99	97.21 -16.93 -3.48	100.92 -16.41 -4.92	105.04 -15.30 -5.27	96.86 -17.39 -2.06	95.14 -17.26 -0.33	84.60 -13.65 -4.10	94.35 -15.43 -2.60	94.54 -12.02 -2.92
GOETHSLN___LBMP 323567	103.82 3.73 -38.99	100.22 3.89 -30.48	92.83 4.01 -19.73	92.62 3.95 -20.54	91.18 3.82 -19.10	93.76 4.06 -18.54	105.51 4.52 -18.78	118.76 4.41 -39.52	113.82 6.18 -16.77	119.43 6.09 -23.81	121.39 7.06 -20.16	121.30 7.25 -18.68	121.39 6.77 -25.59	121.30 6.41 -29.44	121.30 6.92 -23.34	121.41 7.84 -11.78	121.41 8.52 -2.23	114.14 8.88 7.15	97.62 9.21 26.66	117.81 8.75 3.13	121.41 8.74 -0.60	121.39 7.53 -19.71	125.17 8.57 -9.41	121.56 7.25 -10.67
GOLAH___69_KV_TB 1_2 80279	64.44 -2.38 -5.71	67.03 -3.29 -4.46	68.33 -3.66 -2.89	67.59 -3.54 -3.01	67.71 -3.34 -2.80	70.32 -3.56 -2.72	81.09 -3.86 -2.75	73.72 -4.49 -3.39	86.45 -6.91 -2.48	85.83 -6.62 -2.93	90.12 -7.53 -3.48	90.69 -7.92 -3.23	85.32 -7.39 -3.68	82.32 -6.75 -3.62	87.89 -6.65 -3.50	96.60 -8.24 -3.06	104.72 -9.52 -3.58	108.81 -8.66 -5.06	112.66 -7.82 -5.42	105.62 -9.42 -2.85	103.81 -9.64 -1.38	90.17 -8.19 -4.21	101.16 -8.68 -2.66	100.61 -6.01 -2.99

GOODYEAR_LAKE_HYD 323669	75.88 2.44 -12.33	77.93 2.44 -9.64	77.82 2.49 -6.24	77.14 2.52 -6.50	76.89 2.59 -6.04	79.80 2.78 -5.86	91.43 3.29 -5.94	90.55 3.29 -12.44	118.84 4.18 -23.79	104.80 4.03 -11.25	111.17 4.24 -12.76	111.59 4.29 -11.93	106.52 4.01 -13.48	102.39 3.67 -13.27	107.69 3.82 -12.83	117.48 4.48 -11.22	129.27 5.42 -13.19	137.22 6.07 -18.74	141.60 6.44 -20.08	134.06 5.95 -15.92	130.57 5.83 -12.67	114.49 4.80 -15.54	122.17 5.25 -9.73	119.24 4.66 -10.94
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	73.72 -0.43 -13.04	75.26 -0.79 -10.20	74.66 -1.04 -6.60	74.04 -0.95 -6.87	73.69 -0.96 -6.39	76.44 -0.93 -6.20	87.58 -0.90 -6.28	85.05 -0.82 -11.05	96.31 -0.91 -6.35	98.03 -0.98 -9.49	104.47 -1.04 -11.34	104.91 -1.05 -10.58	99.94 -1.07 -11.98	96.21 -1.03 -11.79	101.35 -1.09 -11.40	110.84 -0.92 -9.97	121.70 -0.66 -11.70	129.90 -0.11 -17.61	134.05 0.12 -18.86	125.70 -0.56 -14.07	122.16 -0.56 -10.65	107.18 -0.75 -13.78	114.98 -0.86 -8.65	112.33 -1.04 -9.73
GOUDEY___7 23579	73.72 -0.43 -13.04	75.26 -0.79 -10.20	74.66 -1.04 -6.60	74.04 -0.95 -6.87	73.69 -0.96 -6.39	76.44 -0.93 -6.20	87.58 -0.90 -6.28	85.05 -0.82 -11.05	96.31 -0.91 -6.35	98.03 -0.98 -9.49	104.47 -1.04 -11.34	104.91 -1.05 -10.58	99.94 -1.07 -11.98	96.21 -1.03 -11.79	101.35 -1.09 -11.40	110.84 -0.92 -9.97	121.70 -0.66 -11.70	129.90 -0.11 -17.61	134.05 0.12 -18.86	125.70 -0.56 -14.07	122.16 -0.56 -10.65	107.18 -0.75 -13.78	114.98 -0.86 -8.65	112.33 -1.04 -9.73
GOUDEY___8 23580	73.72 -0.43 -13.04	75.26 -0.79 -10.20	74.66 -1.04 -6.60	74.04 -0.95 -6.87	73.69 -0.96 -6.39	76.44 -0.93 -6.20	87.58 -0.90 -6.28	85.05 -0.82 -11.05	96.31 -0.91 -6.35	98.03 -0.98 -9.49	104.47 -1.04 -11.34	104.91 -1.05 -10.58	99.94 -1.07 -11.98	96.21 -1.03 -11.79	101.35 -1.09 -11.40	110.84 -0.92 -9.97	121.70 -0.66 -11.70	129.90 -0.11 -17.61	134.05 0.12 -18.86	125.70 -0.56 -14.07	122.16 -0.56 -10.65	107.18 -0.75 -13.78	114.98 -0.86 -8.65	112.33 -1.04 -9.73
GOWANUS_GT1_1 24077	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT1_2 24078	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT1_3 24079	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT1_4 24080	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT1_5 24084	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT1_6 24111	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT1_7 24112	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT1_8 24113	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT2_1 24114	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT2_2 24115	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT2_3 24116	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62

GOWANUS_GT2_4 24117	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT2_5 24118	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT2_6 24119	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT2_7 24120	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT2_8 24121	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT3_1 24122	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT3_2 24123	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT3_3 24124	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT3_4 24125	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT3_5 24126	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT3_6 24127	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT3_7 24128	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT3_8 24129	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
GOWANUS_GT4_1 24130	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT4_2 24131	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62

GOWANUS_GT4_3 24132	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT4_4 24133	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT4_5 24134	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT4_6 24135	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT4_7 24136	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GOWANUS_GT4_8 24137	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GREENBSH_115KV_TB3 55895	111.46 2.57 -47.78	105.91 2.70 -37.35	96.04 2.76 -24.18	96.03 2.72 -25.18	94.46 2.80 -23.41	96.80 2.92 -22.73	108.51 3.29 -23.02	125.72 2.69 -48.21	135.74 3.27 -41.60	134.68 3.31 -41.85	147.00 3.39 -49.44	145.03 3.43 -46.23	144.49 3.21 -52.25	139.94 3.08 -51.41	144.04 3.28 -49.72	148.51 3.26 -43.47	165.10 3.32 -51.11	188.42 3.37 -72.64	196.34 3.45 -77.82	177.14 3.25 -61.70	164.41 3.25 -49.09	157.19 2.82 -60.21	148.23 3.32 -37.72	149.68 3.63 -42.42
GREENIDGE_115KV_TB5 80291	68.67 -0.86 -8.41	70.39 -2.04 -6.58	70.94 -2.42 -4.26	70.24 -2.32 -4.43	70.19 -2.18 -4.12	73.02 -2.13 -4.00	84.29 -1.97 -4.05	70.01 -1.72 3.09	91.27 -3.09 -3.50	84.11 -2.95 2.46	87.33 -3.67 3.17	88.49 -3.81 3.07	82.29 -3.38 3.36	78.90 -3.25 3.30	84.48 -3.37 3.19	94.83 -4.17 2.78	102.51 -4.76 3.39	103.36 -3.71 5.34	106.23 -3.11 5.73	96.84 -3.59 11.75	94.58 -3.70 13.79	86.95 -3.20 4.00	100.60 -4.18 2.40	97.21 -3.73 2.70
GREENIDGE___3 23582	68.67 -0.86 -8.41	70.39 -2.04 -6.58	70.94 -2.42 -4.26	70.24 -2.32 -4.43	70.19 -2.18 -4.12	73.02 -2.13 -4.00	84.29 -1.97 -4.05	70.01 -1.72 3.09	91.27 -3.09 -3.50	84.11 -2.95 2.46	87.33 -3.67 3.17	88.49 -3.81 3.07	82.29 -3.38 3.36	78.90 -3.25 3.30	84.48 -3.37 3.19	94.83 -4.17 2.78	102.51 -4.76 3.39	103.36 -3.71 5.34	106.23 -3.11 5.73	96.84 -3.59 11.75	94.58 -3.70 13.79	86.95 -3.20 4.00	100.60 -4.18 2.40	97.21 -3.73 2.70
GREENIDGE___4 23583	68.79 -0.73 -8.41	70.39 -2.04 -6.58	70.94 -2.42 -4.26	70.24 -2.32 -4.43	70.19 -2.19 -4.12	73.03 -2.13 -4.00	84.28 -1.97 -4.05	69.93 -1.80 3.09	91.27 -3.09 -3.50	84.11 -2.95 2.46	87.33 -3.67 3.17	88.49 -3.82 3.07	82.29 -3.38 3.36	78.90 -3.25 3.30	84.48 -3.37 3.19	94.83 -4.18 2.78	102.52 -4.76 3.39	103.36 -3.71 5.34	106.00 -3.34 5.73	96.84 -3.59 11.75	94.58 -3.70 13.79	86.95 -3.20 4.00	100.60 -4.18 2.40	97.21 -3.73 2.70
GREENLWN_69_KV_BK 3 55738	121.20 4.77 -55.33	101.27 4.94 -30.47	93.87 5.04 -19.72	93.64 4.97 -20.54	92.20 4.85 -19.10	99.16 5.19 -22.81	141.17 6.00 -52.97	145.93 5.54 -65.58	145.84 7.36 -47.61	146.02 7.25 -49.24	146.17 8.10 -43.90	143.85 8.30 -40.18	143.84 7.75 -47.06	143.68 7.52 -50.70	146.10 7.92 -47.14	150.15 8.65 -39.71	162.14 9.18 -42.30	196.38 10.34 -73.63	214.49 10.13 -89.29	197.12 10.66 -74.27	184.46 9.53 -62.87	149.61 9.13 -46.33	148.68 9.43 -32.07	146.53 8.29 -34.60
GREENWD_138_KV_38B11_REV_LBMP_J 345004	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62
GRISSOM___SOLAR 323813	118.32 4.28 -52.93	111.59 4.35 -41.38	100.51 4.63 -26.78	100.58 4.56 -27.89	99.04 4.85 -25.94	101.39 5.05 -25.18	113.63 5.92 -25.50	133.85 5.61 -53.41	164.95 6.72 -67.36	142.97 6.36 -47.09	155.54 6.59 -54.77	152.98 6.39 -51.21	153.24 6.32 -57.88	148.39 5.98 -56.96	152.32 6.19 -55.09	157.07 7.12 -48.16	175.93 8.64 -56.63	202.43 9.55 -80.47	211.29 10.01 -86.22	190.53 9.98 -68.36	175.97 9.52 -54.38	168.77 7.91 -66.71	157.76 8.79 -41.79	158.61 7.98 -46.99
GROVEVILLE___HYD 323602	104.47 4.03 -39.33	100.89 4.28 -30.75	93.35 4.35 -19.90	93.14 4.29 -20.73	91.76 4.23 -19.27	94.35 4.48 -18.71	106.50 5.34 -18.95	119.58 5.09 -39.67	114.84 6.91 -17.06	130.18 6.80 -33.85	142.11 7.25 -40.68	140.85 7.44 -38.04	138.88 6.86 -43.00	134.34 6.58 -42.31	139.15 7.19 -40.92	145.70 8.14 -35.77	161.69 8.96 -42.06	181.63 9.44 -59.77	189.12 10.01 -64.04	172.39 9.42 -50.78	161.88 9.41 -40.40	151.42 7.72 -49.55	147.01 8.79 -31.04	146.22 7.67 -34.92
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	65.65 -0.31 -4.84	68.92 -0.72 -3.79	70.65 -0.90 -2.45	69.79 -0.89 -2.55	69.81 -0.82 -2.37	72.68 -0.78 -2.30	83.80 -0.74 -2.33	79.03 -0.67 -4.89	91.93 -1.09 -2.15	92.62 -1.07 -4.17	98.06 -1.13 -5.01	98.82 -1.24 -4.69	93.17 -1.16 -5.30	89.55 -1.11 -5.21	94.99 -1.09 -5.04	105.07 -1.12 -4.41	114.63 -1.22 -5.18	119.21 -0.56 -7.36	122.85 -0.12 -7.89	117.55 -0.90 -6.26	116.04 -1.01 -4.98	99.22 -1.04 -6.11	109.72 -1.29 -3.82	106.79 -1.14 -4.30

HAMLTNNY_34_KV_TB 80303	65.64 -0.55 -5.08	68.84 -0.99 -3.97	70.50 -1.17 -2.57	69.64 -1.16 -2.68	69.65 -1.09 -2.49	72.51 -1.07 -2.42	83.67 -0.99 -2.45	78.97 -0.97 -5.13	91.68 -1.45 -2.27	92.47 -1.43 -4.38	97.83 -1.60 -5.26	98.57 -1.72 -4.91	92.99 -1.60 -5.56	89.47 -1.45 -5.47	94.78 -1.55 -5.29	104.78 -1.63 -4.62	114.44 -1.66 -5.43	119.12 -1.01 -7.72	122.77 -0.58 -8.27	117.29 -1.46 -6.56	115.72 -1.57 -5.22	99.05 -1.51 -6.40	109.37 -1.82 -4.01	106.59 -1.55 -4.51
HAMPSHIRE___PAPER_HYD 323593	62.82 0.43 -1.28	67.45 0.59 -1.00	70.37 0.62 -0.65	69.48 0.68 -0.67	69.36 0.48 -0.63	72.33 0.57 -0.61	83.15 0.33 -0.62	77.08 0.97 -1.29	91.20 0.27 -0.06	90.79 0.18 -1.09	95.78 0.28 -1.33	96.80 0.19 -1.24	90.52 0.09 -1.40	86.49 -0.34 -1.38	91.46 -0.91 -1.33	102.13 -0.82 -1.17	111.26 -0.77 -1.37	113.91 -0.45 -1.95	116.59 -0.57 -2.09	113.40 -0.45 -1.65	112.83 -0.56 -1.32	95.30 -0.47 -1.61	107.66 -0.53 -1.01	104.88 0.10 -1.14
HARDSCRABBLE_WT_PWR 323673	61.96 0.86 0.00	66.65 0.79 0.00	69.86 0.76 0.00	68.88 0.75 0.00	69.00 0.75 0.00	72.01 0.86 0.00	83.19 0.99 0.00	75.79 0.97 0.00	92.05 1.18 0.00	90.69 1.16 0.00	95.49 1.32 0.00	96.71 1.33 0.00	90.28 1.25 0.00	86.74 1.28 0.00	92.14 1.10 0.00	103.01 1.23 0.00	111.99 1.33 0.00	113.76 1.35 0.00	116.46 1.39 0.00	113.43 1.24 0.00	113.30 1.24 0.00	95.09 0.94 0.00	108.68 1.50 0.00	104.98 1.34 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	101.29 3.42 -36.76	98.22 3.62 -28.74	91.36 3.66 -18.60	91.11 3.61 -19.37	89.82 3.55 -18.01	92.41 3.77 -17.49	104.36 4.44 -17.71	116.24 4.26 -37.16	112.58 5.91 -15.80	127.04 5.82 -31.70	138.59 6.31 -38.11	137.49 6.49 -35.63	135.36 6.05 -40.27	130.89 5.81 -39.63	135.65 6.28 -38.33	142.42 7.12 -33.50	157.92 7.86 -39.40	176.72 8.32 -55.99	183.80 8.75 -59.98	167.94 8.19 -47.56	158.09 8.18 -37.84	147.44 6.87 -46.41	143.87 7.61 -29.08	142.80 6.53 -32.64
HARSNRAD_115KV_TB1 81005	62.74 -5.07 -6.71	64.78 -6.32 -5.24	65.51 -6.98 -3.39	64.85 -6.81 -3.53	64.85 -6.69 -3.29	67.23 -7.12 -3.19	77.30 -8.14 -3.23	69.96 -8.16 -3.30	81.81 -11.99 -2.93	81.56 -10.83 -2.87	85.69 -11.87 -3.38	86.30 -12.21 -3.13	81.21 -11.40 -3.57	78.71 -10.25 -3.52	84.06 -10.38 -3.40	92.24 -12.52 -2.98	99.63 -14.50 -3.46	103.03 -14.28 -4.90	106.74 -13.58 -5.24	99.23 -15.03 -2.07	97.41 -15.02 -0.36	85.71 -12.52 -4.08	96.58 -13.18 -2.58	96.59 -9.95 -2.90
HARZA MOOSE___RIVER 24016	64.57 1.89 -1.57	68.99 1.91 -1.22	71.83 1.93 -0.79	70.93 1.98 -0.83	71.00 1.98 -0.77	74.11 2.21 -0.75	85.26 2.30 -0.75	79.17 2.77 -1.58	93.48 2.54 -0.07	93.36 2.51 -1.33	98.43 2.64 -1.62	99.46 2.58 -1.52	93.06 2.31 -1.71	89.10 1.97 -1.69	94.40 1.73 -1.63	105.65 2.44 -1.43	115.44 3.10 -1.68	118.39 3.60 -2.38	121.42 3.80 -2.55	117.58 3.37 -2.02	116.93 3.25 -1.61	98.57 2.45 -1.98	111.10 2.68 -1.24	107.72 2.69 -1.39
HDSNBRDG_115KV_BRDG_TB1 355580	64.51 -1.04 -4.44	67.81 -1.51 -3.47	69.62 -1.73 -2.25	68.83 -1.63 -2.34	68.86 -1.57 -2.18	71.63 -1.64 -2.11	82.62 -1.73 -2.14	77.58 -1.72 -4.48	88.79 -2.27 -0.20	91.05 -2.24 -3.76	96.32 -2.45 -4.60	97.19 -2.48 -4.30	91.49 -2.40 -4.86	88.01 -2.22 -4.78	93.39 -2.28 -4.62	103.28 -2.54 -4.04	112.65 -2.77 -4.75	116.91 -2.25 -6.75	120.35 -1.96 -7.23	115.34 -2.58 -5.74	113.94 -2.69 -4.56	97.30 -2.45 -5.60	107.90 -2.79 -3.51	105.09 -2.49 -3.94
HELLGATE_13_KV_LD 55870	104.63 4.52 -39.00	101.02 4.68 -30.49	93.67 4.84 -19.74	93.45 4.77 -20.55	91.86 4.50 -19.10	94.26 4.55 -18.54	106.00 5.01 -18.78	119.28 4.94 -39.52	114.55 6.91 -16.78	130.04 6.80 -33.71	142.71 8.00 -40.53	141.57 8.30 -37.90	139.61 7.75 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.28 8.86 -35.64	161.97 9.41 -41.91	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.17 9.86 -40.24	151.99 8.47 -49.37	147.98 9.86 -30.93	146.75 8.50 -34.62
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	104.63 4.52 -39.00	101.02 4.68 -30.49	93.67 4.84 -19.74	93.45 4.77 -20.55	91.86 4.50 -19.10	94.26 4.55 -18.54	106.00 5.01 -18.78	119.28 4.94 -39.52	114.55 6.91 -16.78	130.04 6.80 -33.71	142.71 8.00 -40.53	141.57 8.30 -37.90	139.61 7.75 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.28 8.86 -35.64	161.97 9.41 -41.91	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.17 9.86 -40.24	151.99 8.47 -49.37	147.98 9.86 -30.93	146.75 8.50 -34.62
HEMPSTEAD____ 23647	121.33 4.89 -55.33	101.33 5.00 -30.47	94.01 5.19 -19.72	93.78 5.11 -20.54	92.40 5.05 -19.10	99.30 5.34 -22.81	141.42 6.24 -52.97	146.38 5.99 -65.58	146.38 7.90 -47.61	146.65 7.88 -49.24	146.92 8.85 -43.90	144.62 9.07 -40.19	144.46 8.37 -47.06	144.19 8.03 -50.70	146.83 8.65 -47.14	151.27 9.77 -39.71	163.58 10.62 -42.30	197.08 11.02 -73.65	217.16 11.39 -90.69	200.97 10.88 -77.90	185.81 10.87 -62.87	158.61 9.23 -55.23	149.54 10.29 -32.07	147.25 9.01 -34.60
HEWLETT_69_KV_BK3 55828	121.69 5.26 -55.33	101.80 5.47 -30.47	94.35 5.53 -19.72	94.18 5.52 -20.54	92.74 5.39 -19.10	99.73 5.76 -22.81	141.83 6.66 -52.97	146.75 6.36 -65.58	146.93 8.45 -47.61	147.10 8.33 -49.24	147.30 9.23 -43.90	145.00 9.44 -40.18	144.90 8.81 -47.06	144.53 8.37 -50.70	147.19 9.01 -47.14	151.67 10.18 -39.71	164.14 11.18 -42.30	197.75 11.69 -73.65	217.96 12.20 -90.69	201.76 11.67 -77.90	186.48 11.54 -62.87	159.17 9.79 -55.23	150.29 11.04 -32.07	147.88 9.64 -34.60
HICKLING___1 23621	69.87 -1.71 -10.47	71.54 -2.50 -8.19	71.50 -2.90 -5.30	70.85 -2.79 -5.52	70.65 -2.73 -5.13	73.36 -2.78 -4.98	84.37 -2.88 -5.04	72.05 -2.62 0.15	92.14 -3.27 -4.54	86.17 -3.40 -0.04	90.35 -3.67 0.15	91.42 -3.72 0.24	85.39 -3.47 0.17	81.79 -3.50 0.16	87.15 -3.73 0.16	97.89 -3.77 0.13	106.86 -3.54 0.26	109.06 -2.70 0.65	111.95 -2.42 0.70	101.80 -3.25 7.14	98.97 -3.36 9.74	90.64 -3.20 0.31	103.33 -3.75 0.10	99.69 -3.83 0.11
HICKLING___2 23622	69.87 -1.71 -10.47	71.54 -2.50 -8.19	71.50 -2.90 -5.30	70.85 -2.79 -5.52	70.65 -2.73 -5.13	73.36 -2.78 -4.98	84.37 -2.88 -5.04	72.05 -2.62 0.15	92.14 -3.27 -4.54	86.17 -3.40 -0.04	90.35 -3.67 0.15	91.42 -3.72 0.24	85.39 -3.47 0.17	81.79 -3.50 0.16	87.15 -3.73 0.16	97.89 -3.77 0.13	106.86 -3.54 0.26	109.06 -2.70 0.65	111.95 -2.42 0.70	101.80 -3.25 7.14	98.97 -3.36 9.74	90.64 -3.20 0.31	103.33 -3.75 0.10	99.69 -3.83 0.11
HIGH FALLS___HY 23754	104.11 3.85 -39.15	100.61 4.15 -30.61	93.12 4.22 -19.81	92.91 4.16 -20.63	91.53 4.10 -19.18	94.12 4.34 -18.62	106.33 5.26 -18.86	119.41 5.09 -39.50	116.64 6.91 -18.86	130.01 6.71 -33.77	141.75 7.06 -40.51	140.41 7.15 -37.88	138.43 6.59 -42.81	133.99 6.41 -42.13	138.79 7.01 -40.74	145.55 8.14 -35.62	161.84 9.30 -41.88	181.93 10.00 -59.52	189.43 10.59 -63.77	172.73 9.98 -50.56	162.27 9.97 -40.22	151.68 8.19 -49.34	147.20 9.11 -30.91	146.16 7.77 -34.76
HIGH_RIVER___SOLAR 323847	115.41 3.11 -51.19	109.11 3.23 -40.02	98.39 3.39 -25.90	98.44 3.34 -26.98	96.82 3.48 -25.08	99.13 3.63 -24.35	111.14 4.27 -24.66	130.44 3.96 -51.65	166.34 4.81 -70.66	139.82 4.56 -45.73	151.85 4.71 -52.97	149.39 4.48 -49.53	149.46 4.45 -55.98	144.81 4.27 -55.08	148.77 4.46 -53.27	153.55 5.19 -46.57	171.62 6.19 -54.77	196.98 6.74 -77.82	205.47 7.02 -83.38	185.14 6.84 -66.11	171.27 6.61 -52.59	164.22 5.55 -64.51	153.81 6.21 -40.42	154.68 5.59 -45.45

HILLBURN___GT 23639	101.78 3.42 -37.25	98.53 3.55 -29.12	91.61 3.66 -18.85	91.36 3.61 -19.63	90.05 3.55 -18.25	92.57 3.70 -17.72	104.51 4.35 -17.95	116.67 4.19 -37.66	112.70 5.82 -16.01	127.39 5.73 -32.13	139.20 6.41 -38.62	137.98 6.49 -36.12	135.91 6.06 -40.82	131.43 5.81 -40.16	136.16 6.28 -38.85	142.87 7.12 -33.96	158.34 7.74 -39.93	177.26 8.10 -56.75	184.38 8.52 -60.80	168.48 8.08 -48.20	158.38 7.96 -38.35	147.98 6.78 -47.04	144.26 7.61 -29.47	143.13 6.43 -33.07
HILLSIDE_115KV_TB1 80332	69.54 -2.38 -10.82	71.22 -3.10 -8.46	71.12 -3.46 -5.47	70.49 -3.34 -5.70	70.21 -3.34 -5.30	72.82 -3.49 -5.15	83.72 -3.70 -5.21	72.30 -3.37 -0.85	91.62 -4.00 -4.74	86.30 -4.12 -0.89	90.71 -4.33 -0.87	91.71 -4.39 -0.73	85.77 -4.18 -0.92	82.25 -4.10 -0.90	87.55 -4.37 -0.88	98.08 -4.48 -0.78	107.15 -4.32 -0.81	109.66 -3.71 -0.95	112.52 -3.57 -1.02	102.57 -4.26 5.35	99.76 -4.26 8.05	91.14 -3.95 -0.95	103.36 -4.50 -0.68	99.74 -4.66 -0.77
HISHELDN_WT_PWR 323625	64.33 -4.52 -7.75	66.05 -5.86 -6.06	66.52 -6.50 -3.92	65.87 -6.33 -4.08	65.84 -6.21 -3.80	68.23 -6.62 -3.69	78.54 -7.40 -3.73	70.29 -7.33 -2.80	84.63 -9.63 -3.39	82.59 -9.40 -2.47	86.78 -10.26 -2.87	87.42 -10.59 -2.64	82.36 -9.70 -3.03	79.37 -9.06 -2.98	84.55 -9.38 -2.88	93.52 -10.79 -2.53	101.96 -11.62 -2.92	105.25 -11.24 -4.08	108.28 -11.16 -4.37	100.84 -11.78 -0.43	98.66 -11.88 1.53	87.42 -10.17 -3.44	98.34 -11.04 -2.20	96.47 -9.63 -2.47
HOLTSVILLE_IC_1 23690	122.05 5.62 -55.33	102.13 5.80 -30.47	94.77 5.94 -19.72	94.59 5.92 -20.54	93.15 5.80 -19.10	100.09 6.12 -22.81	142.24 7.07 -52.97	147.13 6.74 -65.58	147.20 8.72 -47.61	147.28 8.51 -49.24	147.20 9.13 -43.90	144.81 9.25 -40.18	144.64 8.55 -47.06	144.36 8.20 -50.70	147.10 8.93 -47.14	151.77 10.28 -39.71	164.25 11.29 -42.30	197.87 11.69 -73.77	228.16 11.51 -101.58	229.51 11.22 -106.10	185.85 10.87 -62.91	228.07 9.51 -124.42	150.54 11.25 -32.11	148.23 9.95 -34.65
HOLTSVILLE_IC_10 23699	122.43 5.99 -55.33	102.46 6.13 -30.47	95.11 6.29 -19.72	94.93 6.26 -20.54	93.56 6.21 -19.10	100.44 6.47 -22.81	142.73 7.56 -52.97	147.58 7.18 -65.58	147.84 9.36 -47.61	147.81 9.04 -49.24	147.77 9.70 -43.90	145.38 9.83 -40.18	145.18 9.09 -47.06	144.88 8.72 -50.70	147.64 9.47 -47.14	152.39 10.90 -39.71	165.13 12.17 -42.30	198.65 12.48 -73.76	228.58 12.32 -101.19	229.27 12.01 -105.07	186.63 11.65 -62.91	226.21 10.17 -121.89	151.19 11.90 -32.11	148.96 10.68 -34.64
HOLTSVILLE_IC_2 23691	122.05 5.62 -55.33	102.13 5.80 -30.47	94.77 5.94 -19.72	94.59 5.92 -20.54	93.15 5.80 -19.10	100.09 6.12 -22.81	142.24 7.07 -52.97	147.13 6.74 -65.58	147.20 8.72 -47.61	147.28 8.51 -49.24	147.20 9.13 -43.90	144.81 9.25 -40.18	144.64 8.55 -47.06	144.36 8.20 -50.70	147.10 8.93 -47.14	151.77 10.28 -39.71	164.25 11.29 -42.30	197.87 11.69 -73.77	228.16 11.51 -101.58	229.51 11.22 -106.10	185.85 10.87 -62.91	228.07 9.51 -124.42	150.54 11.25 -32.11	148.23 9.95 -34.65
HOLTSVILLE_IC_3 23692	122.05 5.62 -55.33	102.13 5.80 -30.47	94.77 5.94 -19.72	94.59 5.92 -20.54	93.15 5.80 -19.10	100.09 6.12 -22.81	142.24 7.07 -52.97	147.13 6.74 -65.58	147.20 8.72 -47.61	147.28 8.51 -49.24	147.20 9.13 -43.90	144.81 9.25 -40.18	144.64 8.55 -47.06	144.36 8.20 -50.70	147.10 8.93 -47.14	151.77 10.28 -39.71	164.25 11.29 -42.30	197.87 11.69 -73.77	228.16 11.51 -101.58	229.51 11.22 -106.10	185.85 10.87 -62.91	228.07 9.51 -124.42	150.54 11.25 -32.11	148.23 9.95 -34.65
HOLTSVILLE_IC_4 23693	122.05 5.62 -55.33	102.13 5.80 -30.47	94.77 5.94 -19.72	94.59 5.92 -20.54	93.15 5.80 -19.10	100.09 6.12 -22.81	142.24 7.07 -52.97	147.13 6.74 -65.58	147.20 8.72 -47.61	147.28 8.51 -49.24	147.20 9.13 -43.90	144.81 9.25 -40.18	144.64 8.55 -47.06	144.36 8.20 -50.70	147.10 8.93 -47.14	151.77 10.28 -39.71	164.25 11.29 -42.30	197.87 11.69 -73.77	228.16 11.51 -101.58	229.51 11.22 -106.10	185.85 10.87 -62.91	228.07 9.51 -124.42	150.54 11.25 -32.11	148.23 9.95 -34.65
HOLTSVILLE_IC_5 23694	122.05 5.62 -55.33	102.13 5.80 -30.47	94.77 5.94 -19.72	94.59 5.92 -20.54	93.15 5.80 -19.10	100.09 6.12 -22.81	142.24 7.07 -52.97	147.13 6.74 -65.58	147.20 8.72 -47.61	147.28 8.51 -49.24	147.20 9.13 -43.90	144.81 9.25 -40.18	144.64 8.55 -47.06	144.36 8.20 -50.70	147.10 8.93 -47.14	151.77 10.28 -39.71	164.25 11.29 -42.30	197.87 11.69 -73.77	228.16 11.51 -101.58	229.51 11.22 -106.10	185.85 10.87 -62.91	228.07 9.51 -124.42	150.54 11.25 -32.11	148.23 9.95 -34.65
HOLTSVILLE_IC_6 23695	122.43 5.99 -55.33	102.46 6.13 -30.47	95.11 6.29 -19.72	94.93 6.26 -20.54	93.56 6.21 -19.10	100.44 6.47 -22.81	142.73 7.56 -52.97	147.58 7.18 -65.58	147.84 9.36 -47.61	147.81 9.04 -49.24	147.77 9.70 -43.90	145.38 9.83 -40.18	145.18 9.09 -47.06	144.88 8.72 -50.70	147.64 9.47 -47.14	152.39 10.90 -39.71	165.13 12.17 -42.30	198.65 12.48 -73.76	228.58 12.32 -101.19	229.27 12.01 -105.07	186.63 11.65 -62.91	226.21 10.17 -121.89	151.19 11.90 -32.11	148.96 10.68 -34.64
HOLTSVILLE_IC_7 23696	122.43 5.99 -55.33	102.46 6.13 -30.47	95.11 6.29 -19.72	94.93 6.26 -20.54	93.56 6.21 -19.10	100.44 6.47 -22.81	142.73 7.56 -52.97	147.58 7.18 -65.58	147.84 9.36 -47.61	147.81 9.04 -49.24	147.77 9.70 -43.90	145.38 9.83 -40.18	145.18 9.09 -47.06	144.88 8.72 -50.70	147.64 9.47 -47.14	152.39 10.90 -39.71	165.13 12.17 -42.30	198.65 12.48 -73.76	228.58 12.32 -101.19	229.27 12.01 -105.07	186.63 11.65 -62.91	226.21 10.17 -121.89	151.19 11.90 -32.11	148.96 10.68 -34.64
HOLTSVILLE_IC_8 23697	122.43 5.99 -55.33	102.46 6.13 -30.47	95.11 6.29 -19.72	94.93 6.26 -20.54	93.56 6.21 -19.10	100.44 6.47 -22.81	142.73 7.56 -52.97	147.58 7.18 -65.58	147.84 9.36 -47.61	147.81 9.04 -49.24	147.77 9.70 -43.90	145.38 9.83 -40.18	145.18 9.09 -47.06	144.88 8.72 -50.70	147.64 9.47 -47.14	152.39 10.90 -39.71	165.13 12.17 -42.30	198.65 12.48 -73.76	228.58 12.32 -101.19	229.27 12.01 -105.07	186.63 11.65 -62.91	226.21 10.17 -121.89	151.19 11.90 -32.11	148.96 10.68 -34.64
HOLTSVILLE_IC_9 23698	122.43 5.99 -55.33	102.46 6.13 -30.47	95.11 6.29 -19.72	94.93 6.26 -20.54	93.56 6.21 -19.10	100.44 6.47 -22.81	142.73 7.56 -52.97	147.58 7.18 -65.58	147.84 9.36 -47.61	147.81 9.04 -49.24	147.77 9.70 -43.90	145.38 9.83 -40.18	145.18 9.09 -47.06	144.88 8.72 -50.70	147.64 9.47 -47.14	152.39 10.90 -39.71	165.13 12.17 -42.30	198.65 12.48 -73.76	228.58 12.32 -101.19	229.27 12.01 -105.07	186.63 11.65 -62.91	226.21 10.17 -121.89	151.19 11.90 -32.11	148.96 10.68 -34.64
HOMER_HL_115KV_TB2 355744	63.25 -5.93 -8.07	64.99 -7.18 -6.31	65.37 -7.81 -4.08	64.75 -7.63 -4.25	64.70 -7.51 -3.95	67.10 -7.90 -3.84	77.30 -8.80 -3.89	70.28 -7.48 -2.94	87.32 -7.09 -3.54	84.42 -7.70 -2.59	89.94 -7.25 -3.02	91.38 -6.77 -2.77	85.45 -6.77 -3.19	81.32 -7.26 -3.14	85.79 -8.28 -3.03	97.01 -7.43 -2.66	107.53 -6.20 -3.07	110.87 -5.85 -4.31	113.01 -6.67 -4.61	106.20 -6.51 -0.52	104.05 -6.50 1.52	91.17 -6.59 -3.62	101.77 -7.72 -2.31	96.08 -10.16 -2.60
HOWARD_WT_PWR 323690	65.71 -4.28 -8.88	67.27 -5.53 -6.94	67.44 -6.15 -4.49	66.88 -5.93 -4.68	66.73 -5.87 -4.35	69.40 -5.98 -4.22	79.99 -6.50 -4.28	67.24 -5.99 1.59	86.90 -7.72 -3.76	80.45 -7.88 1.19	83.88 -8.66 1.63	84.78 -8.97 1.62	78.93 -8.37 1.73	75.63 -8.12 1.70	80.75 -8.65 1.64	91.10 -9.26 1.43	99.58 -9.30 1.79	101.37 -8.09 2.95	104.08 -7.83 3.16	94.62 -8.53 9.03	92.23 -8.63 11.21	84.32 -7.72 2.11	97.06 -8.89 1.23	93.65 -8.60 1.38

HQ_GEN_CEDARS 23644	60.31 -0.79 0.00	65.46 -0.40 0.00	68.82 -0.28 0.00	67.78 -0.34 0.00	67.77 -0.48 0.00	70.66 -0.50 0.00	81.30 -0.90 0.00	74.22 -0.60 0.00	89.78 -1.09 0.00	88.36 -1.16 0.00	93.04 -1.13 0.00	94.13 -1.24 0.00	87.96 -1.07 0.00	84.17 -1.28 0.00	89.49 -1.55 0.00	99.85 -1.93 0.00	108.56 -2.10 0.00	109.82 -2.59 0.00	111.27 -3.80 0.00	109.95 -2.24 0.00	109.94 -2.13 0.00	92.55 -1.60 0.00	105.36 -1.82 0.00	102.39 -1.24 0.00
HQ_GEN_CEDARS_PROXY 323590	60.25 -0.86 0.00	65.46 -0.39 0.00	68.82 -0.28 0.00	67.79 -0.34 0.00	67.78 -0.47 0.00	70.66 -0.49 0.00	81.30 -0.90 0.00	74.22 -0.60 0.00	89.78 -1.09 0.00	88.36 -1.17 0.00	93.05 -1.13 0.00	94.13 -1.24 0.00	87.97 -1.06 0.00	84.17 -1.28 0.00	89.49 -1.55 0.00	99.85 -1.94 0.00	108.56 -2.11 0.00	109.83 -2.58 0.00	111.97 -3.10 0.00	110.05 -2.14 0.00	109.94 -2.13 0.00	92.55 -1.60 0.00	105.36 -1.82 0.00	102.40 -1.24 0.00
HQ_GEN_IMPORT 323601	60.01 -1.10 0.00	65.07 -0.79 0.00	68.41 -0.69 0.00	67.44 -0.68 0.00	67.50 -0.75 0.00	70.38 -0.78 0.00	81.13 -1.07 0.00	73.92 -0.89 0.00	89.69 -1.18 0.00	88.36 -1.17 0.00	92.95 -1.23 0.00	94.13 -1.24 0.00	87.87 -1.16 0.00	84.34 -1.11 0.00	89.77 -1.27 0.00	100.36 -1.43 0.00	109.00 -1.66 0.00	110.39 -2.02 0.00	112.77 -2.30 0.00	110.39 -1.80 0.00	110.39 -1.68 0.00	92.83 -1.32 0.00	105.68 -1.50 0.00	102.28 -1.35 0.00
HQ_GEN_WHEEL 23651	60.01 -1.10 0.00	65.07 -0.79 0.00	68.41 -0.69 0.00	67.44 -0.68 0.00	67.50 -0.75 0.00	70.38 -0.78 0.00	81.13 -1.07 0.00	73.92 -0.89 0.00	89.69 -1.18 0.00	88.36 -1.17 0.00	92.95 -1.23 0.00	94.13 -1.24 0.00	87.87 -1.16 0.00	84.34 -1.11 0.00	89.77 -1.27 0.00	100.36 -1.43 0.00	109.00 -1.66 0.00	110.39 -2.02 0.00	112.77 -2.30 0.00	110.39 -1.80 0.00	110.39 -1.68 0.00	92.83 -1.32 0.00	105.68 -1.50 0.00	102.28 -1.35 0.00
HUDSON_AVE_GT_3 23810	104.31 4.22 -38.99	100.75 4.41 -30.48	93.32 4.49 -19.73	93.10 4.43 -20.54	91.66 4.30 -19.10	94.18 4.48 -18.54	106.17 5.18 -18.78	119.35 5.01 -39.52	114.55 6.91 -16.77	130.13 6.89 -33.71	142.52 7.82 -40.53	141.38 8.11 -37.90	139.34 7.48 -42.83	134.78 7.18 -42.14	139.54 7.74 -40.76	146.17 8.75 -35.63	161.97 9.41 -41.90	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.06 9.75 -40.24	151.80 8.29 -49.36	147.64 9.54 -30.92	146.33 8.08 -34.61
HUDSON_AVE_GT_4 23540	104.31 4.22 -38.99	100.75 4.41 -30.48	93.32 4.49 -19.73	93.10 4.43 -20.54	91.66 4.30 -19.10	94.18 4.48 -18.54	106.17 5.18 -18.78	119.35 5.01 -39.52	114.55 6.91 -16.77	130.13 6.89 -33.71	142.52 7.82 -40.53	141.38 8.11 -37.90	139.34 7.48 -42.83	134.78 7.18 -42.14	139.54 7.74 -40.76	146.17 8.75 -35.63	161.97 9.41 -41.90	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.06 9.75 -40.24	151.80 8.29 -49.36	147.64 9.54 -30.92	146.33 8.08 -34.61
HUDSON_AVE_GT_5 23657	104.31 4.22 -38.99	100.75 4.41 -30.48	93.32 4.49 -19.73	93.10 4.43 -20.54	91.66 4.30 -19.10	94.18 4.48 -18.54	106.17 5.18 -18.78	119.35 5.01 -39.52	114.55 6.91 -16.77	130.13 6.89 -33.71	142.52 7.82 -40.53	141.38 8.11 -37.90	139.34 7.48 -42.83	134.78 7.18 -42.14	139.54 7.74 -40.76	146.17 8.75 -35.63	161.97 9.41 -41.90	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.06 9.75 -40.24	151.80 8.29 -49.36	147.64 9.54 -30.92	146.33 8.08 -34.61
HUDSON_AVE_10 24168	104.13 4.03 -38.99	100.49 4.15 -30.48	93.11 4.28 -19.73	92.89 4.22 -20.54	91.38 4.03 -19.10	93.97 4.27 -18.54	106.00 5.01 -18.78	119.28 4.94 -39.52	114.46 6.82 -16.77	130.04 6.80 -33.71	142.52 7.82 -40.53	141.28 8.01 -37.90	139.34 7.48 -42.83	134.69 7.09 -42.14	139.45 7.65 -40.76	146.07 8.65 -35.63	161.86 9.30 -41.90	181.74 9.78 -59.55	188.99 10.13 -63.80	172.42 9.65 -50.58	161.95 9.64 -40.24	151.80 8.29 -49.36	147.64 9.54 -30.92	146.23 7.98 -34.61
HUDSON___115KV_TB 4 355613	111.21 3.36 -46.74	105.89 3.49 -36.54	96.41 3.66 -23.65	96.37 3.61 -24.63	94.91 3.75 -22.90	97.23 3.84 -22.23	109.33 4.60 -22.52	125.72 3.74 -47.16	131.44 4.54 -36.03	134.60 4.30 -40.78	146.68 4.14 -48.36	144.79 4.20 -45.22	143.97 3.83 -51.11	139.51 3.76 -50.29	143.78 4.10 -48.64	148.79 4.48 -42.52	165.65 4.98 -50.00	188.98 5.51 -71.06	197.07 5.87 -76.13	178.16 5.61 -60.36	165.47 5.38 -48.02	157.48 4.43 -58.91	149.12 5.04 -36.90	150.63 5.49 -41.50
HUNTER MOUNT___DRP 323613	109.99 3.24 -45.64	104.97 3.42 -35.68	95.72 3.52 -23.09	95.65 3.47 -24.05	94.30 3.69 -22.37	96.64 3.77 -21.71	108.80 4.60 -21.99	124.69 3.82 -46.05	128.05 4.73 -32.45	133.73 4.48 -39.72	145.54 4.14 -47.23	143.63 4.10 -44.16	142.68 3.74 -49.91	138.24 3.67 -49.11	142.64 4.10 -47.50	147.89 4.58 -41.52	164.69 5.20 -48.83	187.64 5.85 -69.39	195.74 6.33 -74.34	177.08 5.95 -58.94	164.68 5.72 -46.89	156.38 4.71 -57.52	148.36 5.14 -36.04	149.65 5.49 -40.52
HUNTINGTON_RES_REC 323705	121.75 5.31 -55.33	101.73 5.40 -30.47	94.42 5.59 -19.72	94.18 5.52 -20.54	92.81 5.46 -19.10	99.73 5.76 -22.81	141.83 6.66 -52.97	146.60 6.21 -65.58	146.66 8.18 -47.61	146.83 8.06 -49.24	146.83 8.76 -43.90	144.52 8.96 -40.18	144.37 8.28 -47.06	144.11 7.95 -50.70	146.73 8.56 -47.14	151.06 9.56 -39.71	163.36 10.40 -42.30	197.13 11.13 -73.59	213.33 12.19 -86.07	189.45 11.33 -65.93	186.47 11.55 -62.86	129.62 9.61 -25.86	149.74 10.51 -32.05	147.55 9.33 -34.59
HUNTLEY___63 23557	63.44 -4.58 -6.91	65.47 -5.80 -5.40	66.10 -6.50 -3.50	65.50 -6.27 -3.64	65.50 -6.14 -3.39	67.90 -6.55 -3.29	77.89 -7.65 -3.33	70.25 -7.86 -3.29	82.90 -11.00 -3.03	82.18 -10.21 -2.86	86.34 -11.21 -3.37	87.05 -11.44 -3.12	81.91 -10.68 -3.56	79.30 -9.66 -3.51	84.51 -9.92 -3.39	93.05 -11.71 -2.97	100.72 -13.39 -3.45	104.25 -13.04 -4.88	108.10 -12.20 -5.23	100.33 -13.80 -1.94	98.46 -13.78 -0.18	86.82 -11.39 -4.07	97.33 -12.43 -2.58	96.89 -9.64 -2.90
HUNTLEY___64 23558	63.44 -4.58 -6.91	65.47 -5.80 -5.40	66.10 -6.50 -3.50	65.50 -6.27 -3.64	65.50 -6.14 -3.39	67.90 -6.55 -3.29	77.89 -7.65 -3.33	70.25 -7.86 -3.29	82.90 -11.00 -3.03	82.18 -10.21 -2.86	86.34 -11.21 -3.37	87.05 -11.44 -3.12	81.91 -10.68 -3.56	79.30 -9.66 -3.51	84.51 -9.92 -3.39	93.05 -11.71 -2.97	100.72 -13.39 -3.45	104.25 -13.04 -4.88	108.10 -12.20 -5.23	100.33 -13.80 -1.94	98.46 -13.78 -0.18	86.82 -11.39 -4.07	97.33 -12.43 -2.58	96.89 -9.64 -2.90
HUNTLEY___65 23559	63.44 -4.58 -6.91	65.47 -5.80 -5.40	66.10 -6.50 -3.50	65.50 -6.27 -3.64	65.50 -6.14 -3.39	67.90 -6.55 -3.29	77.89 -7.65 -3.33	70.25 -7.86 -3.29	82.90 -11.00 -3.03	82.18 -10.21 -2.86	86.34 -11.21 -3.37	87.05 -11.44 -3.12	81.91 -10.68 -3.56	79.30 -9.66 -3.51	84.51 -9.92 -3.39	93.05 -11.71 -2.97	100.72 -13.39 -3.45	104.25 -13.04 -4.88	108.10 -12.20 -5.23	100.33 -13.80 -1.94	98.46 -13.78 -0.18	86.82 -11.39 -4.07	97.33 -12.43 -2.58	96.89 -9.64 -2.90
HUNTLEY___66 23560	63.44 -4.58 -6.91	65.47 -5.80 -5.40	66.10 -6.50 -3.50	65.50 -6.27 -3.64	65.50 -6.14 -3.39	67.90 -6.55 -3.29	77.89 -7.65 -3.33	70.25 -7.86 -3.29	82.90 -11.00 -3.03	82.18 -10.21 -2.86	86.34 -11.21 -3.37	87.05 -11.44 -3.12	81.91 -10.68 -3.56	79.30 -9.66 -3.51	84.51 -9.92 -3.39	93.05 -11.71 -2.97	100.72 -13.39 -3.45	104.25 -13.04 -4.88	108.10 -12.20 -5.23	100.33 -13.80 -1.94	98.46 -13.78 -0.18	86.82 -11.39 -4.07	97.33 -12.43 -2.58	96.89 -9.64 -2.90

HUNTLEY___67 23561	63.31 -4.83 -7.03	65.30 -6.06 -5.50	65.89 -6.77 -3.56	65.29 -6.54 -3.71	65.28 -6.42 -3.45	67.67 -6.83 -3.35	77.78 -7.81 -3.39	69.85 -8.23 -3.26	82.87 -11.09 -3.08	81.81 -10.56 -2.85	86.12 -11.40 -3.34	86.83 -11.64 -3.09	81.70 -10.86 -3.53	78.93 -10.00 -3.48	84.12 -10.29 -3.36	92.72 -12.01 -2.94	100.58 -13.50 -3.42	103.99 -13.26 -4.84	107.48 -12.77 -5.19	100.02 -14.02 -1.86	98.15 -14.01 -0.09	86.41 -11.77 -4.03	97.09 -12.65 -2.56	96.36 -10.16 -2.88
HUNTLEY___68 23562	63.31 -4.83 -7.03	65.30 -6.06 -5.50	65.89 -6.77 -3.56	65.29 -6.54 -3.71	65.28 -6.42 -3.45	67.67 -6.83 -3.35	77.78 -7.81 -3.39	69.85 -8.23 -3.26	82.87 -11.09 -3.08	81.81 -10.56 -2.85	86.12 -11.40 -3.34	86.83 -11.64 -3.09	81.70 -10.86 -3.53	78.93 -10.00 -3.48	84.12 -10.29 -3.36	92.72 -12.01 -2.94	100.58 -13.50 -3.42	103.99 -13.26 -4.84	107.48 -12.77 -5.19	100.02 -14.02 -1.86	98.15 -14.01 -0.09	86.41 -11.77 -4.03	97.09 -12.65 -2.56	96.36 -10.16 -2.88
HYLAND___LFGE 323620	69.00 0.37 -7.52	71.15 -0.59 -5.88	71.94 -0.97 -3.81	71.20 -0.89 -3.96	71.26 -0.68 -3.69	74.24 -0.49 -3.58	86.16 0.33 -3.62	76.49 -0.15 -1.82	92.21 -1.91 -3.26	88.39 -2.78 -1.64	92.36 -3.67 -1.86	92.87 -4.19 -1.69	86.82 -4.18 -1.97	83.54 -3.84 -1.93	89.36 -3.55 -1.87	99.86 -3.57 -1.64	109.88 -2.66 -1.87	114.59 -0.34 -2.51	118.34 0.58 -2.69	109.66 -1.12 1.41	107.31 -1.46 3.30	94.56 -1.79 -2.20	106.47 -2.14 -1.43	104.31 -0.93 -1.61
INDECK___CORINTH 23802	115.64 5.01 -49.52	109.77 5.20 -38.71	99.61 5.46 -25.06	99.67 5.45 -26.09	98.25 5.73 -24.26	100.55 5.84 -23.55	112.88 6.82 -23.86	131.14 6.36 -49.96	166.96 8.00 -68.10	141.63 7.88 -44.23	153.70 8.29 -51.24	151.38 8.10 -47.91	150.66 7.48 -54.15	145.91 7.18 -53.28	149.94 7.37 -51.53	155.39 8.55 -45.05	173.26 9.62 -52.97	198.02 10.34 -75.28	206.43 10.70 -80.65	186.68 10.54 -63.95	173.03 10.09 -50.87	164.93 8.38 -62.40	155.71 9.43 -39.10	156.40 8.80 -43.96
INDECK___ILION 23567	62.09 0.98 0.00	66.85 0.99 0.00	70.07 0.97 0.00	69.08 0.95 0.00	69.21 0.96 0.00	72.15 1.00 0.00	83.36 1.15 0.00	75.94 1.12 0.00	92.32 1.45 0.00	90.96 1.43 0.00	95.68 1.51 0.00	96.90 1.53 0.00	90.46 1.42 0.00	86.82 1.37 0.00	92.41 1.37 0.00	103.31 1.53 0.00	112.32 1.66 0.00	114.21 1.80 0.00	117.03 1.96 0.00	113.87 1.68 0.00	113.75 1.68 0.00	95.56 1.41 0.00	109.00 1.82 0.00	105.29 1.66 0.00
INDECK___OLEAN 23982	63.43 -5.75 -8.07	64.99 -7.18 -6.31	65.37 -7.81 -4.08	64.75 -7.63 -4.25	64.70 -7.51 -3.95	67.09 -8.79 -3.84	77.30 -8.79 -3.89	70.35 -7.41 -2.94	87.32 -7.09 -3.54	84.42 -7.70 -2.59	89.84 -7.35 -3.02	91.28 -6.87 -2.77	85.45 -6.77 -3.19	81.32 -7.26 -3.14	85.79 -8.28 -3.03	96.91 -7.53 -2.66	107.54 -6.19 -3.07	110.87 -5.85 -4.31	113.47 -6.22 -4.61	106.20 -6.51 -0.52	103.94 -6.61 1.52	90.90 -6.87 -3.62	101.45 -8.04 -2.31	96.08 -10.15 -2.60
INDECK___OSWEGO 23783	66.07 0.86 -4.10	69.53 0.46 -3.21	71.45 0.28 -2.08	70.56 0.27 -2.16	70.61 0.34 -2.01	73.54 0.43 -1.95	84.84 0.65 -1.98	79.71 0.75 -4.14	91.69 0.64 -0.18	93.64 0.63 -3.48	98.99 0.57 -4.25	99.92 0.58 -3.97	94.06 0.54 -4.49	90.38 0.52 -4.42	95.77 0.46 -4.27	106.33 0.81 -3.73	116.16 1.11 -4.39	120.56 1.91 -6.24	124.18 2.42 -6.69	118.94 1.45 -5.30	117.63 1.35 -4.22	100.07 0.75 -5.17	111.27 0.85 -3.24	108.10 0.83 -3.64
INDECK___YERKES 23781	63.74 -4.28 -6.91	65.53 -5.73 -5.40	66.17 -6.42 -3.50	65.57 -6.20 -3.64	65.57 -6.07 -3.39	67.97 -6.47 -3.29	77.97 -7.56 -3.33	70.32 -7.78 -3.29	82.90 -11.00 -3.03	82.27 -10.12 -2.86	86.43 -11.11 -3.37	87.14 -11.35 -3.12	82.00 -10.60 -3.56	79.39 -9.57 -3.51	84.60 -9.83 -3.39	93.15 -11.61 -2.97	100.83 -13.28 -3.45	104.37 -12.92 -4.88	107.52 -12.78 -5.23	100.44 -13.69 -1.94	98.46 -13.79 -0.18	86.92 -11.30 -4.07	97.54 -12.22 -2.58	97.00 -9.53 -2.90
INDIAN POINT_GT_1 24139	103.36 3.61 -38.65	99.83 3.75 -30.21	92.52 3.87 -19.56	92.31 3.81 -20.37	90.88 3.69 -18.94	93.45 3.91 -18.38	105.35 4.52 -18.62	118.35 4.41 -39.12	113.49 6.00 -16.63	128.80 5.91 -33.37	140.88 6.59 -40.11	139.65 6.77 -37.51	137.75 6.32 -42.39	133.23 6.07 -41.71	137.85 6.46 -40.35	144.38 7.33 -35.27	160.10 7.97 -41.47	179.78 8.43 -58.94	186.96 8.75 -63.14	170.56 8.30 -50.06	160.19 8.29 -39.83	149.98 6.97 -48.86	145.72 7.93 -30.61	144.68 6.74 -34.31
INDIAN POINT_GT_2 23659	103.36 3.61 -38.65	99.83 3.75 -30.21	92.52 3.87 -19.56	92.31 3.81 -20.37	90.88 3.69 -18.94	93.45 3.91 -18.38	105.35 4.52 -18.62	118.35 4.41 -39.12	113.49 6.00 -16.63	128.80 5.91 -33.37	140.88 6.59 -40.11	139.65 6.77 -37.51	137.75 6.32 -42.39	133.23 6.07 -41.71	137.85 6.46 -40.35	144.38 7.33 -35.27	160.10 7.97 -41.47	179.78 8.43 -58.94	186.96 8.75 -63.14	170.56 8.30 -50.06	160.19 8.29 -39.83	149.98 6.97 -48.86	145.72 7.93 -30.61	144.68 6.74 -34.31
INDIAN POINT_GT_3 24019	103.36 3.61 -38.65	99.83 3.75 -30.21	92.52 3.87 -19.56	92.31 3.81 -20.37	90.88 3.69 -18.94	93.45 3.91 -18.38	105.35 4.52 -18.62	118.35 4.41 -39.12	113.49 6.00 -16.63	128.80 5.91 -33.37	140.88 6.59 -40.11	139.65 6.77 -37.51	137.75 6.32 -42.39	133.23 6.07 -41.71	137.85 6.46 -40.35	144.38 7.33 -35.27	160.10 7.97 -41.47	179.78 8.43 -58.94	186.96 8.75 -63.14	170.56 8.30 -50.06	160.19 8.29 -39.83	149.98 6.97 -48.86	145.72 7.93 -30.61	144.68 6.74 -34.31
INDIAN POINT___2 23530	102.78 3.54 -38.13	99.29 3.62 -29.81	92.12 3.73 -19.29	91.89 3.68 -20.09	90.55 3.61 -18.68	93.06 3.77 -18.14	105.01 4.44 -18.37	117.67 4.26 -38.59	113.08 5.82 -16.39	128.18 5.73 -32.92	140.16 6.41 -39.58	138.96 6.58 -37.01	137.00 6.14 -41.83	132.42 5.81 -41.15	137.12 6.28 -39.80	143.71 7.12 -34.80	159.32 7.74 -40.92	178.66 8.10 -58.15	185.76 8.40 -62.30	169.66 8.08 -49.39	159.44 8.07 -39.30	149.14 6.78 -48.20	144.99 7.61 -30.20	144.02 6.53 -33.85
INDIAN POINT___3 23531	103.33 3.54 -38.68	99.79 3.69 -30.24	92.47 3.80 -19.57	92.25 3.75 -20.38	90.89 3.69 -18.95	93.40 3.84 -18.40	105.28 4.44 -18.64	118.30 4.34 -39.14	113.42 5.91 -16.64	128.73 5.82 -33.39	140.81 6.50 -40.14	139.58 6.68 -37.53	137.60 6.14 -42.42	133.09 5.90 -41.74	137.79 6.37 -40.37	144.31 7.23 -35.29	160.02 7.86 -41.50	179.59 8.21 -58.98	186.77 8.52 -63.19	170.37 8.08 -50.10	159.99 8.07 -39.86	149.91 6.87 -48.89	145.53 7.72 -30.63	144.61 6.63 -34.34
INGHAM_C_115KV_TB7 356103	62.45 1.34 0.00	67.24 1.38 0.00	70.48 1.38 0.00	69.49 1.36 0.00	69.62 1.37 0.00	72.58 1.42 0.00	83.85 1.64 0.00	76.46 1.65 0.00	92.87 2.00 0.00	91.50 1.97 0.00	96.25 2.07 0.00	97.47 2.10 0.00	91.08 2.05 0.00	87.42 1.97 0.00	92.77 1.73 0.00	103.72 1.93 0.00	112.76 2.10 0.00	114.66 2.25 0.00	117.37 2.30 0.00	114.32 2.13 0.00	114.20 2.13 0.00	95.84 1.69 0.00	109.64 2.47 0.00	105.91 2.28 0.00
IP CORINTH___1 23988	115.64 5.01 -49.52	109.64 5.07 -38.71	99.61 5.46 -25.06	99.67 5.45 -26.09	98.25 5.73 -24.26	100.55 5.83 -23.55	112.89 6.82 -23.86	131.14 6.36 -49.96	166.96 8.00 -68.10	141.63 7.88 -44.23	153.70 8.29 -51.24	151.39 8.11 -47.91	150.66 7.48 -54.15	145.91 7.18 -53.28	149.95 7.37 -51.53	155.38 8.55 -45.05	173.26 9.63 -52.97	198.03 10.34 -75.28	206.42 10.70 -80.65	186.68 10.55 -63.95	173.03 10.09 -50.87	164.93 8.38 -62.40	155.71 9.43 -39.10	156.41 8.81 -43.96

IP___TICONDEROGA 23804	117.29 6.72 -49.46	111.37 6.85 -38.67	101.59 7.46 -25.03	101.61 7.43 -26.06	100.41 7.92 -24.24	102.72 8.04 -23.53	115.41 9.37 -23.83	133.55 8.83 -49.90	169.50 11.09 -67.55	144.52 10.83 -44.16	156.65 11.30 -51.18	154.29 11.06 -47.85	153.27 10.15 -54.08	148.41 9.74 -53.22	152.52 10.01 -51.47	158.69 11.91 -45.00	177.29 13.72 -52.91	202.44 14.84 -75.19	211.05 15.42 -80.55	191.43 15.37 -63.87	177.34 14.46 -50.81	168.25 11.77 -62.33	159.30 13.08 -39.05	159.77 12.23 -43.91
ISLIP_RES_REC 323679	122.67 6.24 -55.33	102.72 6.39 -30.47	95.46 6.63 -19.72	95.21 6.54 -20.54	93.84 6.49 -19.10	100.80 6.83 -22.81	143.14 7.97 -52.97	147.95 7.55 -65.58	148.29 9.82 -47.61	148.35 9.58 -49.24	148.24 10.17 -43.90	145.95 10.40 -40.18	145.62 9.53 -47.06	145.31 9.15 -50.70	148.19 10.01 -47.14	152.99 11.50 -39.71	165.79 12.83 -42.30	199.31 13.15 -73.75	228.10 13.00 -100.03	226.95 12.67 -102.08	187.30 12.33 -62.91	219.35 10.64 -114.57	151.82 12.53 -32.11	149.47 11.20 -34.64
JAMAICA__27_KV_LOAD 355505	104.31 4.22 -38.99	100.68 4.35 -30.48	93.25 4.42 -19.73	92.96 4.29 -20.54	91.52 4.16 -19.10	94.33 4.63 -18.54	106.58 5.59 -18.78	119.95 5.61 -39.52	115.46 7.81 -16.77	130.94 7.70 -33.71	143.66 8.95 -40.54	142.53 9.25 -37.90	140.42 8.55 -42.84	135.81 8.20 -42.15	140.64 8.83 -40.77	147.40 9.97 -35.64	163.30 10.73 -41.90	183.31 11.35 -59.55	190.60 11.74 -63.80	174.00 11.22 -50.59	163.52 11.21 -40.25	153.12 9.60 -49.37	149.04 10.93 -30.92	147.37 9.12 -34.61
JANIS___SOLAR 323808	74.57 2.32 -11.14	76.54 1.97 -8.71	76.61 1.87 -5.64	75.97 1.98 -5.87	75.76 2.05 -5.46	78.73 2.28 -5.30	90.62 3.04 -5.37	99.26 3.07 -21.37	100.95 3.36 -6.72	110.61 2.95 -18.14	118.83 2.73 -21.92	118.62 2.67 -20.58	114.43 2.23 -23.17	110.30 2.05 -22.80	115.09 2.00 -22.04	124.21 3.16 -19.26	137.96 4.54 -22.76	151.74 5.95 -33.37	157.50 6.67 -35.76	152.58 5.50 -34.89	149.23 5.38 -31.79	125.01 4.05 -26.81	128.18 4.29 -16.71	126.35 3.94 -18.78
JARVIS____ 23743	61.72 0.61 0.00	66.45 0.59 0.00	69.72 0.62 0.00	68.74 0.61 0.00	68.87 0.61 0.00	71.80 0.64 0.00	82.94 0.74 0.00	75.57 0.75 0.00	91.78 0.91 0.00	90.42 0.90 0.00	95.12 0.94 0.00	96.42 1.05 0.00	90.01 0.98 0.00	86.39 0.94 0.00	92.04 1.00 0.00	102.91 1.12 0.00	111.88 1.22 0.00	113.65 1.24 0.00	116.46 1.39 0.00	113.43 1.24 0.00	113.30 1.24 0.00	95.19 1.04 0.00	108.36 1.18 0.00	104.67 1.04 0.00
JENNISON___1 23625	77.68 2.51 -14.07	79.22 2.37 -11.00	78.50 2.28 -7.12	77.92 2.38 -7.41	77.53 2.39 -6.89	80.41 2.56 -6.69	92.19 3.21 -6.78	94.39 3.29 -16.28	104.01 3.91 -9.23	107.16 3.67 -13.96	114.63 3.77 -16.69	114.91 3.91 -15.62	110.15 3.47 -17.64	105.89 3.08 -17.36	110.83 3.00 -16.79	120.43 3.97 -14.67	133.25 5.31 -17.28	144.13 6.41 -25.31	149.32 7.13 -27.12	141.31 6.06 -23.06	137.43 6.05 -19.31	119.12 4.61 -20.35	125.06 5.14 -12.73	122.61 4.66 -14.31
JENNISON___2 23626	77.68 2.51 -14.07	79.22 2.37 -11.00	78.50 2.28 -7.12	77.92 2.38 -7.41	77.53 2.39 -6.89	80.41 2.56 -6.69	92.19 3.21 -6.78	94.39 3.29 -16.28	104.01 3.91 -9.23	107.16 3.67 -13.96	114.63 3.77 -16.69	114.91 3.91 -15.62	110.15 3.47 -17.64	105.89 3.08 -17.36	110.83 3.00 -16.79	120.43 3.97 -14.67	133.25 5.31 -17.28	144.13 6.41 -25.31	149.32 7.13 -27.12	141.31 6.06 -23.06	137.43 6.05 -19.31	119.12 4.61 -20.35	125.06 5.14 -12.73	122.61 4.66 -14.31
JERICHO_RISE_WT_PWR 323719	58.91 -2.20 0.00	63.95 -1.91 0.00	67.03 -2.07 0.00	65.94 -2.18 0.00	66.00 -2.25 0.00	68.74 -2.42 0.00	78.91 -3.29 0.00	72.05 -2.77 0.00	87.14 -3.73 0.00	85.85 -3.67 0.00	90.40 -3.77 0.00	91.46 -3.91 0.00	85.47 -3.56 0.00	81.95 -3.51 0.00	87.13 -3.91 0.00	97.41 -4.37 0.00	105.80 -4.87 0.00	107.02 -5.39 0.00	109.21 -5.86 0.00	107.26 -4.93 0.00	107.14 -4.93 0.00	90.20 -3.95 0.00	102.57 -4.61 0.00	99.70 -3.94 0.00
KATONAH___115KV_46KV_TB4 355592	105.14 4.34 -39.69	101.56 4.68 -31.03	94.02 4.84 -20.08	93.81 4.77 -20.92	92.27 4.57 -19.45	94.95 4.91 -18.88	107.08 5.75 -19.12	120.37 5.54 -40.01	115.41 7.45 -17.09	131.00 7.34 -34.13	143.30 8.10 -41.03	142.04 8.30 -38.37	140.05 7.66 -43.36	135.38 7.26 -42.67	140.14 7.83 -41.27	146.72 8.86 -36.08	162.82 9.74 -42.42	182.81 10.12 -60.28	190.24 10.59 -64.59	173.50 10.10 -51.21	162.89 10.09 -40.74	152.41 8.29 -49.97	147.92 9.43 -31.31	147.06 8.19 -35.24
KCE_NY_1 323755	114.76 4.28 -49.38	108.87 4.41 -38.60	98.78 4.70 -24.98	98.78 4.63 -26.02	97.22 4.78 -24.19	99.55 4.91 -23.49	111.66 5.67 -23.79	129.87 5.24 -49.82	164.28 6.63 -66.78	140.12 6.53 -44.06	152.05 6.78 -51.09	149.92 6.77 -47.77	149.35 6.32 -53.99	144.65 6.07 -53.13	148.70 6.28 -51.38	153.93 7.23 -44.92	171.67 8.19 -52.82	196.13 8.66 -75.06	204.35 8.86 -80.42	184.71 8.76 -63.76	171.20 8.41 -50.73	163.34 6.97 -62.22	153.98 7.82 -38.98	154.72 7.25 -43.84
KCE_NY_6_ESR 323823	63.88 -4.52 -7.30	65.57 -5.99 -5.71	66.16 -6.63 -3.69	65.56 -6.41 -3.85	65.48 -6.35 -3.58	67.94 -6.69 -3.47	78.24 -7.48 -3.52	70.50 -7.55 -3.23	84.44 -9.63 -3.20	83.04 -9.31 -2.83	87.51 -9.98 -3.32	88.43 -10.01 -3.06	83.19 -9.35 -3.50	80.10 -8.80 -3.45	85.18 -9.19 -3.34	94.32 -10.38 -2.92	102.88 -11.17 -3.39	106.30 -10.90 -4.79	109.27 -10.93 -5.13	102.12 -11.67 -1.60	100.17 -11.66 0.24	87.97 -10.17 -3.99	98.78 -10.93 -2.54	96.95 -9.53 -2.85
KEDC_PORT_JEFF_GT2 24210	122.36 5.93 -55.33	102.39 6.06 -30.47	95.11 6.29 -19.72	94.86 6.20 -20.54	93.50 6.15 -19.10	100.37 6.41 -22.81	142.65 7.48 -52.97	147.51 7.11 -65.58	147.75 9.27 -47.61	147.72 8.95 -49.24	147.68 9.61 -43.90	145.29 9.73 -40.18	145.08 8.99 -47.06	144.78 8.63 -50.70	147.56 9.38 -47.14	152.28 10.78 -39.71	164.91 11.96 -42.30	198.22 12.03 -73.78	229.53 12.08 -102.38	232.02 11.67 -108.16	186.75 11.76 -62.92	233.81 10.17 -129.48	151.08 11.79 -32.11	148.86 10.58 -34.65
KEDC_PORT_JEFF_GT3 24211	122.36 5.93 -55.33	102.39 6.06 -30.47	95.11 6.29 -19.72	94.86 6.20 -20.54	93.50 6.15 -19.10	100.37 6.41 -22.81	142.65 7.48 -52.97	147.51 7.11 -65.58	147.75 9.27 -47.61	147.72 8.95 -49.24	147.68 9.61 -43.90	145.29 9.73 -40.18	145.08 8.99 -47.06	144.78 8.63 -50.70	147.56 9.38 -47.14	152.28 10.78 -39.71	164.91 11.96 -42.30	198.22 12.03 -73.78	229.53 12.08 -102.38	232.02 11.67 -108.16	186.75 11.76 -62.92	233.81 10.17 -129.48	151.08 11.79 -32.11	148.86 10.58 -34.65
KEDC_GLWD_GT4 24219	121.57 5.13 -55.33	101.53 5.20 -30.47	94.22 5.39 -19.72	93.98 5.32 -20.54	92.61 5.26 -19.10	99.52 5.55 -22.81	141.66 6.49 -52.97	146.60 6.21 -65.58	146.74 8.27 -47.61	147.00 8.23 -49.24	147.20 9.13 -43.90	144.91 9.35 -40.19	144.73 8.63 -47.06	144.44 8.29 -50.70	147.10 8.93 -47.14	151.57 10.08 -39.71	163.92 10.96 -42.30	197.53 11.47 -73.65	217.62 11.85 -90.69	201.41 11.33 -77.90	186.26 11.31 -62.87	158.88 9.51 -55.23	149.87 10.61 -32.07	147.57 9.33 -34.60
KEDC_GLWD_GT5 24220	121.57 5.13 -55.33	101.53 5.20 -30.47	94.22 5.39 -19.72	93.98 5.32 -20.54	92.61 5.26 -19.10	99.52 5.55 -22.81	141.66 6.49 -52.97	146.60 6.21 -65.58	146.74 8.27 -47.61	147.00 8.23 -49.24	147.20 9.13 -43.90	144.91 9.35 -40.19	144.73 8.63 -47.06	144.44 8.29 -50.70	147.10 8.93 -47.14	151.57 10.08 -39.71	163.92 10.96 -42.30	197.53 11.47 -73.65	217.62 11.85 -90.69	201.41 11.33 -77.90	186.26 11.31 -62.87	158.88 9.51 -55.23	149.87 10.61 -32.07	147.57 9.33 -34.60

KENSICO____ 23655	103.89 3.85 -38.93	100.31 4.02 -30.44	92.88 4.08 -19.70	92.66 4.02 -20.52	91.29 3.96 -19.08	93.80 4.13 -18.52	105.81 4.85 -18.76	118.90 4.64 -39.44	113.98 6.36 -16.75	129.43 6.27 -33.64	141.59 6.97 -40.44	140.34 7.15 -37.82	138.45 6.68 -42.74	133.83 6.32 -42.06	138.54 6.83 -40.67	145.08 7.74 -35.56	160.89 8.41 -41.81	180.60 8.77 -59.42	187.82 9.09 -63.66	171.30 8.64 -50.47	160.85 8.63 -40.16	150.75 7.34 -49.26	146.40 8.36 -30.86	145.35 7.15 -34.56
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	102.53 3.85 -37.57	99.38 4.15 -29.37	92.26 4.15 -19.01	92.01 4.09 -19.80	90.69 4.03 -18.41	93.30 4.27 -17.87	105.48 5.18 -18.10	117.75 5.01 -37.92	115.02 6.72 -17.43	128.45 6.54 -32.39	139.93 6.87 -38.88	138.69 6.96 -36.35	136.53 6.41 -41.09	132.04 6.15 -40.43	136.88 6.74 -39.10	143.91 7.94 -34.19	159.82 8.96 -40.20	179.20 9.67 -57.12	186.63 10.36 -61.20	170.47 9.76 -48.52	160.31 9.64 -38.60	149.51 8.00 -47.36	145.74 8.90 -29.67	144.66 7.67 -33.35
KIAC_JFK_GT1 23816	103.70 3.61 -38.99	100.02 3.69 -30.48	92.63 3.80 -19.73	92.35 3.68 -20.54	90.91 3.55 -19.10	93.61 3.91 -18.54	105.84 4.85 -18.78	119.28 4.94 -39.52	114.64 7.00 -16.77	130.13 6.89 -33.71	143.19 8.48 -40.54	141.96 8.68 -37.90	139.97 8.10 -42.84	135.30 7.69 -42.15	140.09 8.28 -40.77	146.79 9.36 -35.64	162.19 9.63 -41.90	182.07 10.12 -59.55	189.45 10.59 -63.80	172.88 10.10 -50.59	162.40 10.09 -40.25	152.46 8.94 -49.37	148.39 10.29 -30.92	146.74 8.50 -34.61
KIAC_JFK_GT2 23817	103.70 3.61 -38.99	100.02 3.69 -30.48	92.63 3.80 -19.73	92.35 3.68 -20.54	90.91 3.55 -19.10	93.61 3.91 -18.54	105.84 4.85 -18.78	119.28 4.94 -39.52	114.64 7.00 -16.77	130.13 6.89 -33.71	143.19 8.48 -40.54	141.96 8.68 -37.90	139.97 8.10 -42.84	135.30 7.69 -42.15	140.09 8.28 -40.77	146.79 9.36 -35.64	162.19 9.63 -41.90	182.07 10.12 -59.55	189.45 10.59 -63.80	172.88 10.10 -50.59	162.40 10.09 -40.25	152.46 8.94 -49.37	148.39 10.29 -30.92	146.74 8.50 -34.61
KIAC_JFK____ 323774	103.70 3.60 -38.99	99.96 3.62 -30.48	92.62 3.80 -19.73	92.35 3.68 -20.54	90.90 3.55 -19.10	93.61 3.91 -18.54	105.84 4.85 -18.78	119.28 4.94 -39.52	114.64 7.00 -16.77	130.13 6.89 -33.71	143.19 8.48 -40.54	141.96 8.68 -37.90	139.97 8.10 -42.84	135.30 7.69 -42.15	140.09 8.28 -40.77	146.79 9.36 -35.64	162.19 9.62 -41.90	182.08 10.12 -59.55	189.34 10.47 -63.80	172.88 10.10 -50.59	162.41 10.09 -40.25	152.48 8.95 -49.38	148.29 10.19 -30.92	146.75 8.50 -34.61
KINTIGH____ 23543	63.52 -3.79 -6.20	65.83 -4.87 -4.85	66.78 -5.46 -3.14	66.15 -5.25 -3.27	66.10 -5.19 -3.04	68.63 -5.48 -2.95	79.03 -6.17 -2.99	71.08 -7.11 -3.37	83.13 -10.45 -2.71	82.69 -9.76 -2.92	86.80 -10.83 -3.45	87.32 -11.25 -3.20	82.18 -10.51 -3.65	79.73 -9.31 -3.59	85.23 -9.29 -3.47	93.32 -11.50 -3.04	100.70 -13.50 -3.54	104.27 -13.15 -5.01	108.13 -12.31 -5.37	100.76 -13.91 -2.48	99.05 -13.90 -0.88	86.84 -11.49 -4.17	97.60 -12.22 -2.64	97.90 -8.71 -2.97
KNTFSRNC_46_KV_46KV_LOAD 80397	60.13 -0.98 0.00	65.13 -0.72 0.00	68.27 -0.83 0.00	67.10 -1.02 0.00	67.16 -1.09 0.00	70.02 -1.14 0.00	80.07 -2.14 0.00	73.17 -1.65 0.00	88.32 -2.54 0.00	86.93 -2.60 0.00	91.54 -2.64 0.00	92.61 -2.77 0.00	86.54 -2.49 0.00	82.89 -2.56 0.00	88.22 -2.82 0.00	98.53 -3.26 0.00	107.23 -3.43 0.00	108.59 -3.82 0.00	110.70 -4.37 0.00	108.71 -3.48 0.00	108.59 -3.47 0.00	91.42 -2.73 0.00	103.75 -3.43 0.00	101.36 -2.28 0.00
LACHUTE__HYDRO 323717	117.35 6.78 -49.46	111.50 6.98 -38.67	101.59 7.47 -25.03	101.61 7.43 -26.06	100.40 7.91 -24.24	102.72 8.04 -23.53	115.40 9.37 -23.83	133.55 8.82 -49.90	169.50 11.08 -67.55	144.51 10.83 -44.16	156.65 11.30 -51.18	154.28 11.06 -47.85	153.26 10.15 -54.08	148.41 9.74 -53.22	152.52 10.01 -51.47	158.68 11.90 -45.00	177.29 13.72 -52.91	202.44 14.84 -75.19	210.93 15.31 -80.55	191.43 15.37 -63.87	177.34 14.46 -50.81	168.25 11.77 -62.33	159.30 13.07 -39.05	159.77 12.22 -43.91
LAWRNCV_115KV_TB1 80681	60.37 -0.73 0.00	65.59 -0.26 0.00	68.89 -0.21 0.00	67.85 -0.27 0.00	67.77 -0.48 0.00	70.73 -0.43 0.00	81.30 -0.90 0.00	74.29 -0.52 0.00	89.78 -1.09 0.00	88.36 -1.16 0.00	93.04 -1.13 0.00	94.04 -1.34 0.00	87.88 -1.16 0.00	83.91 -1.54 0.00	88.76 -2.28 0.00	99.04 -2.75 0.00	107.45 -3.21 0.00	108.93 -3.48 0.00	110.47 -4.60 0.00	109.05 -3.14 0.00	108.93 -3.14 0.00	91.89 -2.26 0.00	104.71 -2.47 0.00	102.18 -1.45 0.00
LEDERLE____ 23769	102.34 3.61 -37.63	99.03 3.75 -29.42	92.01 3.87 -19.04	91.77 3.81 -19.83	90.38 3.69 -18.44	92.97 3.91 -17.90	104.94 4.60 -18.13	117.36 4.49 -38.06	113.13 6.09 -16.17	128.07 6.09 -32.46	139.88 6.69 -39.02	138.73 6.87 -36.49	136.60 6.32 -41.24	132.10 6.07 -40.58	136.84 6.55 -39.25	143.53 7.43 -34.31	159.09 8.08 -40.35	178.29 8.54 -57.34	185.47 8.98 -61.43	169.31 8.41 -48.70	159.22 8.41 -38.75	148.84 7.16 -47.53	144.89 7.93 -29.78	143.88 6.84 -33.40
LIGHTHSE_115KV_TB6 355974	65.49 0.73 -3.65	69.11 0.40 -2.85	71.22 0.28 -1.85	70.39 0.34 -1.92	70.45 0.41 -1.79	73.32 0.43 -1.74	84.46 0.49 -1.76	79.25 0.75 -3.68	91.58 0.55 -0.16	93.07 0.45 -3.09	98.42 0.47 -3.78	99.29 0.38 -3.53	93.38 0.36 -3.99	89.64 0.26 -3.93	95.02 0.18 -3.80	105.72 0.61 -3.32	115.45 0.89 -3.91	119.65 1.69 -5.55	123.21 2.19 -5.95	118.14 1.23 -4.72	116.94 1.12 -3.75	99.32 0.56 -4.60	110.81 0.75 -2.88	107.71 0.83 -3.24
LINDEN COGEN____ 23786	103.82 3.73 -38.99	100.15 3.82 -30.48	92.83 4.01 -19.73	92.62 3.95 -20.54	91.11 3.75 -19.10	93.68 3.98 -18.54	105.42 4.44 -18.78	118.75 4.41 -39.51	113.82 6.18 -16.77	119.43 6.09 -23.81	121.30 6.97 -20.16	121.30 7.24 -18.68	121.30 6.68 -25.59	121.30 6.41 -29.44	121.30 6.92 -23.34	121.30 7.73 -11.78	121.30 8.41 -2.23	114.04 8.77 7.15	97.50 9.09 26.66	117.70 8.64 3.13	121.30 8.63 -0.60	121.30 7.44 -19.71	125.06 8.47 -9.41	121.45 7.15 -10.67
LINDHRST_69_KV_BK1 356055	122.18 5.74 -55.33	102.32 5.99 -30.47	94.90 6.08 -19.72	94.73 6.06 -20.54	93.29 5.94 -19.10	100.30 6.33 -22.81	142.57 7.40 -52.97	147.43 7.03 -65.58	147.65 9.18 -47.61	147.72 8.95 -49.24	147.86 9.79 -43.90	145.57 10.01 -40.18	145.35 9.26 -47.06	145.04 8.89 -50.70	147.83 9.65 -47.14	152.49 10.99 -39.71	165.02 12.06 -42.30	198.20 12.14 -73.65	219.28 12.89 -91.32	203.61 11.89 -79.53	187.05 12.10 -62.88	163.36 9.98 -59.23	150.94 11.68 -32.07	148.61 10.36 -34.61
LIPA_MISC_IPP 23656	122.18 5.74 -55.33	102.26 5.93 -30.47	94.90 6.08 -19.72	94.73 6.06 -20.54	93.29 5.94 -19.10	100.16 6.19 -22.81	142.40 7.23 -52.97	147.28 6.88 -65.58	147.47 9.00 -47.61	147.45 8.68 -49.24	147.30 9.23 -43.90	144.90 9.35 -40.18	144.64 8.55 -47.06	144.36 8.20 -50.70	147.19 9.01 -47.14	151.88 10.38 -39.71	164.58 11.62 -42.30	198.09 11.92 -73.77	229.17 12.54 -101.56	229.89 11.67 -106.03	186.97 11.99 -62.91	228.20 9.79 -124.26	150.87 11.58 -32.11	148.54 10.26 -34.65
LISF__SOLAR 323691	122.30 5.87 -55.33	102.32 5.99 -30.47	95.04 6.22 -19.72	94.80 6.13 -20.54	93.42 6.07 -19.10	100.30 6.33 -22.81	142.57 7.40 -52.97	147.43 7.03 -65.58	147.65 9.17 -47.61	147.55 8.78 -49.24	147.40 9.33 -43.90	145.00 9.44 -40.18	144.72 8.63 -47.06	144.44 8.29 -50.70	147.28 9.10 -47.14	152.08 10.59 -39.71	164.81 11.85 -42.30	198.54 12.37 -73.77	228.88 12.32 -101.49	230.04 12.01 -105.84	186.53 11.55 -62.91	228.02 10.08 -123.79	151.08 11.79 -32.11	148.86 10.58 -34.65

LITTLE FALLS___HYD 24013	62.45 1.34 0.00	67.24 1.38 0.00	70.48 1.38 0.00	69.49 1.36 0.00	69.62 1.37 0.00	72.58 1.42 0.00	83.85 1.64 0.00	76.46 1.65 0.00	92.87 2.00 0.00	91.50 1.97 0.00	96.25 2.07 0.00	97.47 2.10 0.00	91.08 2.05 0.00	87.42 1.97 0.00	92.77 1.73 0.00	103.72 1.93 0.00	112.76 2.10 0.00	114.66 2.25 0.00	117.37 2.30 0.00	114.32 2.13 0.00	114.20 2.13 0.00	95.84 1.69 0.00	109.64 2.47 0.00	105.91 2.28 0.00
LITTLRIV_115KV_TB1 356100	61.71 -0.06 -0.66	66.83 0.46 -0.52	70.06 0.62 -0.33	69.02 0.54 -0.35	68.92 0.34 -0.32	71.83 0.36 -0.31	82.60 0.08 -0.32	75.93 0.45 -0.67	90.90 0.00 -0.03	90.00 -0.09 -0.56	94.76 -0.09 -0.68	95.73 -0.29 -0.64	89.58 -0.18 -0.72	85.48 -0.68 -0.71	90.45 -1.27 -0.69	100.76 -1.63 -0.60	109.60 -1.77 -0.71	111.39 -2.02 -1.00	113.15 -2.99 -1.07	111.47 -1.57 -0.85	111.18 -1.57 -0.68	93.95 -1.04 -0.83	106.63 -1.07 -0.52	104.12 -0.10 -0.59
LI_NEWBRDGE___DRP 323616	121.08 4.64 -55.33	101.14 4.81 -30.47	93.73 4.91 -19.72	93.50 4.84 -20.54	92.06 4.71 -19.10	99.02 5.05 -22.81	141.01 5.84 -52.97	145.93 5.54 -65.58	145.93 7.45 -47.61	146.02 7.25 -49.24	146.17 8.10 -43.90	143.85 8.30 -40.18	143.84 7.75 -47.06	143.59 7.43 -50.70	146.10 7.92 -47.14	150.45 8.96 -39.71	162.70 9.74 -42.30	196.17 10.12 -73.65	216.23 10.47 -90.69	200.07 9.98 -77.90	184.91 9.97 -62.87	157.94 8.57 -55.23	148.90 9.65 -32.07	146.63 8.39 -34.60
LOCKPORT_115KV_TB60_63_64 80432	62.76 -5.01 -6.66	64.81 -6.26 -5.21	65.56 -6.91 -3.37	64.89 -6.74 -3.51	64.90 -6.62 -3.27	67.35 -6.97 -3.17	77.44 -7.97 -3.21	70.27 -7.86 -3.31	81.97 -11.81 -2.92	81.84 -10.56 -2.88	85.99 -11.58 -3.39	86.60 -11.92 -3.14	81.49 -11.13 -3.59	78.98 -10.00 -3.53	84.35 -10.11 -3.41	92.56 -12.21 -2.99	99.86 -14.28 -3.48	103.39 -13.94 -4.92	106.99 -13.35 -5.27	99.51 -14.81 -2.13	97.70 -14.79 -0.43	85.91 -12.33 -4.10	96.91 -12.86 -2.59	97.01 -9.53 -2.91
LOCKPORT___CC1 323769	62.99 -4.83 -6.71	64.84 -6.26 -5.24	65.52 -6.98 -3.39	64.85 -6.81 -3.53	64.85 -6.69 -3.29	67.23 -7.12 -3.19	77.30 -8.14 -3.23	69.96 -8.15 -3.30	81.81 -12.00 -2.93	81.56 -10.84 -2.87	85.69 -11.87 -3.38	86.30 -12.21 -3.13	81.21 -11.40 -3.57	78.71 -10.26 -3.52	84.06 -10.38 -3.40	92.24 -12.52 -2.98	99.63 -14.49 -3.46	103.03 -14.28 -4.90	106.04 -14.27 -5.24	99.23 -15.03 -2.07	97.30 -15.13 -0.36	85.71 -12.52 -4.08	96.68 -13.08 -2.58	96.59 -9.95 -2.90
LOCKPORT___CC2 323770	62.99 -4.83 -6.71	64.84 -6.26 -5.24	65.52 -6.98 -3.39	64.85 -6.81 -3.53	64.85 -6.69 -3.29	67.23 -7.12 -3.19	77.30 -8.14 -3.23	69.96 -8.15 -3.30	81.81 -12.00 -2.93	81.56 -10.84 -2.87	85.69 -11.87 -3.38	86.30 -12.21 -3.13	81.21 -11.40 -3.57	78.71 -10.26 -3.52	84.06 -10.38 -3.40	92.24 -12.52 -2.98	99.63 -14.49 -3.46	103.03 -14.28 -4.90	106.04 -14.27 -5.24	99.23 -15.03 -2.07	97.30 -15.13 -0.36	85.71 -12.52 -4.08	96.68 -13.08 -2.58	96.59 -9.95 -2.90
LOCKPORT___CC3 323771	62.99 -4.83 -6.71	64.84 -6.26 -5.24	65.52 -6.98 -3.39	64.85 -6.81 -3.53	64.85 -6.69 -3.29	67.23 -7.12 -3.19	77.30 -8.14 -3.23	69.96 -8.15 -3.30	81.81 -12.00 -2.93	81.56 -10.84 -2.87	85.69 -11.87 -3.38	86.30 -12.21 -3.13	81.21 -11.40 -3.57	78.71 -10.26 -3.52	84.06 -10.38 -3.40	92.24 -12.52 -2.98	99.63 -14.49 -3.46	103.03 -14.28 -4.90	106.04 -14.27 -5.24	99.23 -15.03 -2.07	97.30 -15.13 -0.36	85.71 -12.52 -4.08	96.68 -13.08 -2.58	96.59 -9.95 -2.90
LONG_LAKE_PHOENIX 24014	65.63 0.37 -4.15	69.11 0.00 -3.25	70.99 -0.21 -2.10	70.18 -0.14 -2.19	70.22 -0.07 -2.04	73.06 -0.07 -1.98	84.37 0.16 -2.00	79.24 0.22 -4.19	91.05 0.00 -0.18	93.05 0.00 -3.52	98.38 -0.09 -4.30	99.30 -0.10 -4.02	93.49 -0.09 -4.54	89.92 0.00 -4.47	95.27 -0.09 -4.32	105.77 0.20 -3.78	115.44 0.33 -4.45	119.85 1.12 -6.32	123.57 1.73 -6.77	118.23 0.67 -5.37	116.90 0.56 -4.27	99.57 0.19 -5.24	110.57 0.11 -3.28	107.53 0.21 -3.69
LOVETT___3 23632	102.29 3.42 -37.76	98.94 3.56 -29.52	91.80 3.59 -19.11	91.57 3.54 -19.90	90.24 3.48 -18.50	92.75 3.63 -17.96	104.67 4.27 -18.19	117.13 4.12 -38.19	112.74 5.63 -16.23	127.74 5.64 -32.58	139.56 6.22 -39.17	138.39 6.39 -36.62	136.39 5.97 -41.39	131.91 5.73 -40.73	136.62 6.19 -39.39	143.14 6.92 -34.44	158.68 7.52 -40.50	177.94 7.98 -57.55	185.01 8.29 -61.65	168.93 7.85 -48.88	158.80 7.84 -38.89	148.44 6.59 -47.70	144.57 7.50 -29.89	143.48 6.32 -33.52
LOVETT___4 23642	102.29 3.42 -37.76	98.94 3.56 -29.52	91.80 3.59 -19.11	91.57 3.54 -19.90	90.24 3.48 -18.50	92.75 3.63 -17.96	104.67 4.27 -18.19	117.13 4.12 -38.19	112.74 5.63 -16.23	127.74 5.64 -32.58	139.56 6.22 -39.17	138.39 6.39 -36.62	136.39 5.97 -41.39	131.91 5.73 -40.73	136.62 6.19 -39.39	143.14 6.92 -34.44	158.68 7.52 -40.50	177.94 7.98 -57.55	185.01 8.29 -61.65	168.93 7.85 -48.88	158.80 7.84 -38.89	148.44 6.59 -47.70	144.57 7.50 -29.89	143.48 6.32 -33.52
LOVETT___5 23593	102.29 3.42 -37.76	98.94 3.56 -29.52	91.80 3.59 -19.11	91.57 3.54 -19.90	90.24 3.48 -18.50	92.75 3.63 -17.96	104.67 4.27 -18.19	117.13 4.12 -38.19	112.74 5.63 -16.23	127.74 5.64 -32.58	139.56 6.22 -39.17	138.39 6.39 -36.62	136.39 5.97 -41.39	131.91 5.73 -40.73	136.62 6.19 -39.39	143.14 6.92 -34.44	158.68 7.52 -40.50	177.94 7.98 -57.55	185.01 8.29 -61.65	168.93 7.85 -48.88	158.80 7.84 -38.89	148.44 6.59 -47.70	144.57 7.50 -29.89	143.48 6.32 -33.52
LOWER RAQUET___HYD 24057	61.07 -0.73 -0.70	66.14 -0.26 -0.54	69.31 -0.14 -0.35	68.29 -0.20 -0.37	68.19 -0.41 -0.34	71.06 -0.42 -0.33	81.72 -0.82 -0.34	75.08 -0.45 -0.70	89.81 -1.09 -0.03	88.95 -1.17 -0.59	93.77 -1.13 -0.72	94.71 -1.34 -0.67	88.64 -1.16 -0.76	84.58 -1.63 -0.75	89.31 -2.45 -0.73	99.46 -2.96 -0.63	107.98 -3.43 -0.75	109.65 -3.82 -1.06	111.95 -4.26 -1.14	109.73 -3.36 -0.90	109.42 -3.36 -0.72	92.58 -2.45 -0.88	105.16 -2.57 -0.55	102.70 -1.55 -0.62
LOWER___HUDSON 24059	113.15 3.54 -48.50	107.46 3.69 -37.92	97.51 3.87 -24.54	97.50 3.81 -25.56	95.91 3.89 -23.77	98.28 4.05 -23.07	110.26 4.68 -23.37	127.94 4.19 -48.94	153.88 5.36 -57.65	137.81 5.28 -43.01	149.72 5.37 -50.18	147.73 5.43 -46.92	147.05 4.98 -53.04	142.42 4.78 -52.19	146.61 5.10 -50.47	151.71 5.80 -44.12	168.96 6.42 -51.89	192.77 6.63 -73.73	200.85 6.79 -78.99	181.33 6.50 -62.63	168.28 6.38 -49.83	160.54 5.27 -61.12	151.47 6.00 -38.29	152.18 5.49 -43.06
LOWVILLE_115KV_TB2 356335	64.70 1.89 -1.70	69.10 1.91 -1.33	71.89 1.93 -0.86	71.00 1.98 -0.90	71.00 1.91 -0.83	74.10 2.13 -0.81	85.08 2.06 -0.82	79.30 2.77 -1.72	92.94 2.00 -0.08	92.94 1.97 -1.44	98.10 2.17 -1.76	99.12 2.10 -1.64	92.76 1.87 -1.86	88.65 1.37 -1.83	93.90 1.09 -1.77	105.06 1.73 -1.55	114.80 2.32 -1.82	118.03 3.04 -2.58	120.95 3.11 -2.77	117.08 2.69 -2.20	116.39 2.58 -1.75	98.08 1.79 -2.14	110.45 1.93 -1.34	107.22 2.07 -1.51
LUTHERFT_115KV_GLOB_FND_222 355753	114.70 4.22 -49.38	108.81 4.35 -38.60	98.71 4.63 -24.98	98.71 4.56 -26.02	97.22 4.78 -24.19	99.48 4.84 -23.49	111.67 5.67 -23.79	129.80 5.16 -49.82	164.19 6.54 -66.78	140.03 6.45 -44.06	151.95 6.69 -51.09	149.82 6.68 -47.77	149.26 6.23 -53.99	144.56 5.98 -53.13	148.61 6.19 -51.38	153.93 7.23 -44.92	171.56 8.08 -52.82	196.02 8.54 -75.06	204.35 8.86 -80.42	184.59 8.64 -63.76	171.09 8.29 -50.73	163.25 6.87 -62.22	153.88 7.72 -38.98	154.62 7.15 -43.84

LUTHERNY_35_KV_BK2 355980	114.76 4.28 -49.38	108.87 4.41 -38.60	98.78 4.70 -24.98	98.78 4.63 -26.02	97.22 4.78 -24.19	99.55 4.91 -23.49	111.67 5.67 -23.79	129.88 5.24 -49.82	164.28 6.63 -66.78	140.12 6.54 -44.06	152.04 6.78 -51.09	149.92 6.77 -47.77	149.35 6.32 -53.99	144.65 6.07 -53.13	148.70 6.28 -51.38	153.93 7.23 -44.92	171.67 8.19 -52.82	196.13 8.66 -75.06	204.47 8.98 -80.42	184.70 8.75 -63.76	171.20 8.41 -50.73	163.34 6.97 -62.22	153.99 7.82 -38.98	154.72 7.25 -43.84
LWR___OSWEGATCHIE_HYD 23850	62.82 0.43 -1.28	67.45 0.59 -1.00	70.37 0.62 -0.65	69.48 0.68 -0.67	69.36 0.48 -0.63	72.34 0.57 -0.61	83.15 0.33 -0.62	77.08 0.97 -1.29	91.20 0.27 -0.06	90.79 0.18 -1.09	95.78 0.28 -1.33	96.80 0.19 -1.24	90.52 0.09 -1.40	86.49 -0.34 -1.38	91.46 -0.91 -1.33	102.14 -0.81 -1.17	111.26 -0.77 -1.37	113.91 -0.45 -1.95	116.24 -0.92 -2.09	113.39 -0.45 -1.65	112.82 -0.56 -1.32	95.29 -0.47 -1.61	107.66 -0.54 -1.01	104.88 0.10 -1.14
LYONS_FALL_HYD 23570	64.63 1.95 -1.57	69.06 1.97 -1.22	71.82 1.93 -0.79	70.93 1.98 -0.83	71.00 1.98 -0.77	74.11 2.21 -0.75	85.26 2.30 -0.75	79.17 2.77 -1.58	93.48 2.54 -0.07	93.36 2.50 -1.33	98.43 2.63 -1.62	99.47 2.58 -1.52	93.06 2.31 -1.71	89.11 1.97 -1.69	94.40 1.73 -1.63	105.65 2.44 -1.43	115.43 3.09 -1.68	118.39 3.60 -2.38	121.54 3.91 -2.55	117.58 3.36 -2.02	116.93 3.25 -1.61	98.57 2.44 -1.98	111.10 2.68 -1.24	107.72 2.69 -1.39
MADISON___COUNTY_LFGE 323628	65.75 1.96 -2.68	69.87 1.91 -2.10	72.39 1.93 -1.36	71.51 1.98 -1.41	71.61 2.05 -1.31	74.71 2.28 -1.28	86.21 2.71 -1.29	80.22 2.69 -2.71	94.08 3.09 -0.12	94.66 2.86 -2.27	99.87 2.92 -2.78	100.83 2.86 -2.60	94.64 2.67 -2.93	90.82 2.48 -2.89	96.29 2.46 -2.79	107.38 3.16 -2.44	117.30 3.76 -2.87	120.76 4.27 -4.08	124.16 4.72 -4.37	119.69 4.04 -3.47	118.75 3.92 -2.76	100.54 3.01 -3.38	112.62 3.32 -2.12	109.23 3.21 -2.38
MALONE___115KV_TB1 356076	60.37 -0.73 0.00	65.46 -0.40 0.00	68.62 -0.48 0.00	67.51 -0.61 0.00	67.57 -0.68 0.00	70.45 -0.71 0.00	80.97 -1.23 0.00	74.00 -0.82 0.00	89.32 -1.54 0.00	88.00 -1.52 0.00	92.57 -1.60 0.00	93.66 -1.72 0.00	87.52 -1.51 0.00	83.66 -1.79 0.00	88.95 -2.09 0.00	99.24 -2.54 0.00	107.90 -2.77 0.00	109.38 -3.04 0.00	111.39 -3.68 0.00	109.50 -2.69 0.00	109.38 -2.69 0.00	92.08 -2.07 0.00	104.61 -2.57 0.00	101.87 -1.76 0.00
MAPLEWOD_115KV_TB3 80458	112.44 3.12 -48.21	106.78 3.23 -37.69	96.88 3.39 -24.40	96.87 3.34 -25.41	95.29 3.41 -23.63	97.58 3.49 -22.93	109.46 4.03 -23.23	126.98 3.52 -48.65	144.37 4.45 -49.04	136.38 4.39 -42.47	148.58 4.52 -49.89	146.60 4.58 -46.65	146.03 4.27 -52.72	141.43 4.10 -51.88	145.58 4.37 -50.17	150.33 4.68 -43.86	167.22 4.98 -51.58	190.88 5.17 -73.30	198.89 5.29 -78.53	179.61 5.16 -62.26	166.64 5.04 -49.53	159.15 4.24 -60.76	150.07 4.82 -38.07	151.21 4.77 -42.80
MAPLE_RIDGE_WT_1 323574	59.52 -1.59 0.00	64.35 -1.51 0.00	67.51 -1.59 0.00	66.49 -1.64 0.00	66.55 -1.70 0.00	69.38 -1.78 0.00	80.07 -2.14 0.00	72.95 -1.87 0.00	88.60 -2.27 0.00	87.29 -2.23 0.00	91.82 -2.35 0.00	93.08 -2.29 0.00	86.99 -2.04 0.00	83.40 -2.05 0.00	88.85 -2.19 0.00	99.34 -2.44 0.00	107.90 -2.76 0.00	109.49 -2.92 0.00	111.85 -3.22 0.00	109.39 -2.80 0.00	109.15 -2.91 0.00	91.80 -2.35 0.00	104.39 -2.79 0.00	101.05 -2.59 0.00
MAPLE_RIDGE_WT_2 323611	59.52 -1.59 0.00	64.35 -1.51 0.00	67.51 -1.59 0.00	66.49 -1.64 0.00	66.55 -1.70 0.00	69.38 -1.78 0.00	80.07 -2.14 0.00	72.95 -1.87 0.00	88.60 -2.27 0.00	87.29 -2.23 0.00	91.82 -2.35 0.00	93.08 -2.29 0.00	86.99 -2.04 0.00	83.40 -2.05 0.00	88.85 -2.19 0.00	99.34 -2.44 0.00	107.90 -2.76 0.00	109.49 -2.92 0.00	111.85 -3.22 0.00	109.39 -2.80 0.00	109.15 -2.91 0.00	91.80 -2.35 0.00	104.39 -2.79 0.00	101.05 -2.59 0.00
MARBLE_RIVER_WT_PWR 323696	59.03 -2.08 0.00	64.01 -1.84 0.00	67.09 -2.01 0.00	66.01 -2.11 0.00	66.00 -2.25 0.00	68.81 -2.35 0.00	78.91 -3.29 0.00	71.98 -2.84 0.00	87.14 -3.73 0.00	85.77 -3.76 0.00	90.31 -3.87 0.00	91.46 -3.91 0.00	85.47 -3.56 0.00	81.87 -3.59 0.00	87.13 -3.91 0.00	97.31 -4.48 0.00	105.80 -4.87 0.00	107.02 -5.39 0.00	109.32 -5.75 0.00	107.14 -5.05 0.00	107.14 -4.93 0.00	90.20 -3.95 0.00	102.47 -4.71 0.00	99.80 -3.83 0.00
MARSHVLE_115KV_TB1 80742	120.37 3.85 -55.41	113.00 3.82 -43.32	101.29 4.15 -28.04	101.41 4.09 -29.20	99.84 4.44 -27.15	102.14 4.63 -26.36	114.49 5.59 -26.70	136.05 5.31 -55.92	159.79 6.27 -62.65	144.20 5.64 -49.03	157.26 5.74 -57.34	154.43 5.44 -53.62	155.33 5.70 -60.60	150.46 5.38 -59.63	154.08 5.37 -57.67	158.21 6.01 -50.42	177.69 7.75 -59.28	205.54 8.88 -84.25	214.77 9.44 -90.26	193.06 9.31 -71.56	177.86 8.85 -56.93	171.61 7.63 -69.84	159.29 8.36 -43.75	160.29 7.46 -49.20
MARSH_HILL_WT_PWR 323713	65.72 -4.16 -8.77	67.31 -5.40 -6.85	67.59 -5.94 -4.44	66.95 -5.79 -4.62	66.88 -5.66 -4.30	69.49 -5.83 -4.17	80.10 -6.33 -4.22	68.09 -5.91 0.81	87.06 -7.54 -3.73	81.19 -7.79 0.54	84.77 -8.57 0.84	85.73 -8.77 0.87	79.87 -8.28 0.89	76.64 -7.94 0.87	81.74 -8.46 0.84	91.90 -9.16 0.73	100.63 -9.07 0.96	102.73 -7.98 1.70	105.53 -7.71 1.83	96.36 -8.42 7.41	93.97 -8.52 9.57	85.40 -7.62 1.13	97.77 -8.79 0.62	94.55 -8.39 0.70
MCINTYRE_115KV_TB2 80467	61.35 0.24 0.00	66.65 0.79 0.00	70.07 0.97 0.00	69.08 0.95 0.00	69.00 0.75 0.00	72.01 0.85 0.00	82.78 0.58 0.00	75.72 0.90 0.00	91.41 0.55 0.00	89.88 0.36 0.00	94.46 0.28 0.00	95.47 0.10 0.00	89.21 0.18 0.00	85.28 -0.17 0.00	90.40 -0.64 0.00	101.07 -0.71 0.00	110.11 -0.55 0.00	111.62 -0.79 0.00	113.23 -1.84 0.00	111.85 -0.34 0.00	111.73 -0.34 0.00	94.15 0.00 0.00	107.07 -0.11 0.00	104.26 0.62 0.00
MECO_____69_KV_BK1 80468	119.64 5.19 -53.33	112.76 5.20 -41.70	101.75 5.67 -26.99	101.82 5.59 -28.11	100.33 5.94 -26.13	102.72 6.19 -25.37	115.14 7.23 -25.70	135.52 6.88 -53.82	165.64 8.18 -66.60	144.63 7.70 -47.40	157.37 8.00 -55.19	154.70 7.73 -51.60	154.92 7.57 -58.32	150.02 7.18 -57.39	154.01 7.47 -55.50	159.06 8.75 -48.52	178.23 10.51 -57.06	205.18 11.69 -81.08	214.25 12.31 -86.87	193.29 12.23 -68.88	178.63 11.77 -54.80	171.06 9.70 -67.22	160.01 10.72 -42.11	160.83 9.85 -47.35
MENANDS___115KV_TB5 355628	112.15 2.93 -48.11	106.50 3.03 -37.61	96.62 3.18 -24.34	96.61 3.13 -25.35	94.97 3.14 -23.58	97.32 3.27 -22.89	109.17 3.78 -23.18	126.51 3.14 -48.55	142.36 4.00 -47.49	135.88 4.03 -42.33	148.10 4.14 -49.78	146.12 4.20 -46.55	145.56 3.92 -52.61	140.98 3.76 -51.77	145.11 4.01 -50.07	149.73 4.17 -43.77	166.45 4.32 -51.47	189.94 4.38 -73.14	198.04 4.60 -78.36	178.70 4.38 -62.13	165.76 4.26 -49.43	158.45 3.67 -60.63	149.35 4.18 -37.99	150.60 4.25 -42.71
MG INDUSTRY___DRP 24185	110.76 2.57 -47.08	105.37 2.70 -36.81	95.76 2.83 -23.82	95.73 2.79 -24.81	94.19 2.87 -23.07	96.47 2.92 -22.40	108.18 3.29 -22.69	125.10 2.77 -47.51	127.82 3.45 -33.50	133.91 3.40 -40.98	146.28 3.39 -48.72	144.46 3.53 -45.55	143.81 3.29 -51.49	139.28 3.16 -50.66	143.41 3.37 -49.00	148.18 3.56 -42.84	164.91 3.87 -50.37	187.92 3.93 -71.58	195.90 4.14 -76.69	176.92 3.93 -60.80	164.36 3.92 -48.37	156.78 3.30 -59.34	148.21 3.86 -37.17	149.37 3.94 -41.80

MID___OSWEGATCHIE_HYD 23849	62.82 0.43 -1.28	67.45 0.59 -1.00	70.37 0.62 -0.65	69.48 0.68 -0.67	69.36 0.48 -0.63	72.34 0.57 -0.61	83.15 0.33 -0.62	77.08 0.97 -1.29	91.20 0.27 -0.06	90.79 0.18 -1.09	95.78 0.28 -1.33	96.80 0.19 -1.24	90.52 0.09 -1.40	86.49 -0.34 -1.38	91.46 -0.91 -1.33	102.14 -0.81 -1.17	111.26 -0.77 -1.37	113.91 -0.45 -1.95	116.24 -0.92 -2.09	113.39 -0.45 -1.65	112.82 -0.56 -1.32	95.29 -0.47 -1.61	107.66 -0.54 -1.01	104.88 0.10 -1.14
MID___RAQUETTE_HYD 23851	61.13 -0.67 -0.70	66.14 -0.26 -0.54	69.31 -0.14 -0.35	68.29 -0.20 -0.37	68.18 -0.41 -0.34	71.06 -0.43 -0.33	81.72 -0.82 -0.34	75.07 -0.45 -0.70	89.81 -1.09 -0.03	88.95 -1.16 -0.59	93.76 -1.13 -0.72	94.71 -1.34 -0.67	88.64 -1.16 -0.76	84.58 -1.62 -0.75	89.31 -2.46 -0.73	99.47 -2.95 -0.63	107.98 -3.43 -0.75	109.65 -3.82 -1.06	111.37 -4.83 -1.14	109.72 -3.37 -0.90	109.42 -3.36 -0.72	92.58 -2.45 -0.88	105.16 -2.57 -0.55	102.70 -1.55 -0.62
MILLIKEN___1 23584	70.45 0.79 -8.54	73.00 0.46 -6.68	73.70 0.28 -4.32	72.97 0.34 -4.50	72.85 0.41 -4.19	75.72 0.50 -4.06	87.23 0.90 -4.12	96.49 0.90 -20.77	96.40 0.91 -4.63	107.80 0.72 -17.56	116.04 0.57 -21.30	115.88 0.48 -20.03	111.91 0.36 -22.52	107.95 0.34 -22.16	112.83 0.36 -21.43	121.32 0.81 -18.72	134.13 1.33 -22.14	147.10 2.25 -32.45	152.60 2.76 -34.77	149.29 1.80 -35.31	146.61 1.68 -32.86	121.37 1.13 -26.09	124.49 1.07 -16.24	122.82 0.93 -18.25
MILLIKEN___2 23585	70.45 0.79 -8.54	73.00 0.46 -6.68	73.70 0.28 -4.32	72.97 0.34 -4.50	72.85 0.41 -4.19	75.72 0.50 -4.06	87.23 0.90 -4.12	96.49 0.90 -20.77	96.40 0.91 -4.63	107.80 0.72 -17.56	116.04 0.57 -21.30	115.88 0.48 -20.03	111.91 0.36 -22.52	107.95 0.34 -22.16	112.83 0.36 -21.43	121.32 0.81 -18.72	134.13 1.33 -22.14	147.10 2.25 -32.45	152.60 2.76 -34.77	149.29 1.80 -35.31	146.61 1.68 -32.86	121.37 1.13 -26.09	124.49 1.07 -16.24	122.82 0.93 -18.25
MILLIKEN___DIESEL 23629	70.45 0.79 -8.54	73.00 0.46 -6.68	73.70 0.28 -4.32	72.97 0.34 -4.50	72.85 0.41 -4.19	75.72 0.50 -4.06	87.23 0.90 -4.12	96.49 0.90 -20.77	96.40 0.91 -4.63	107.80 0.72 -17.56	116.04 0.57 -21.30	115.88 0.48 -20.03	111.91 0.36 -22.52	107.95 0.34 -22.16	112.83 0.36 -21.43	121.32 0.81 -18.72	134.13 1.33 -22.14	147.10 2.25 -32.45	152.60 2.76 -34.77	149.29 1.80 -35.31	146.61 1.68 -32.86	121.37 1.13 -26.09	124.49 1.07 -16.24	122.82 0.93 -18.25
MILLSEAT___LFGE 323607	64.24 -3.36 -6.49	66.26 -4.67 -5.07	67.06 -5.32 -3.28	66.36 -5.18 -3.42	66.45 -4.98 -3.18	69.05 -5.19 -3.09	79.66 -5.67 -3.13	72.46 -5.69 -3.33	84.62 -9.09 -2.84	84.27 -8.15 -2.89	88.54 -9.04 -3.41	89.09 -9.44 -3.16	83.73 -8.90 -3.60	81.05 -7.94 -3.55	86.46 -8.01 -3.43	95.11 -9.67 -3.00	102.98 -11.17 -3.50	106.78 -10.57 -4.94	110.12 -10.24 -5.29	103.00 -11.44 -2.26	101.13 -11.54 -0.60	88.57 -9.70 -4.12	99.71 -10.08 -2.61	99.41 -7.15 -2.93
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	103.65 3.73 -38.81	100.09 3.89 -30.34	92.75 4.01 -19.64	92.53 3.95 -20.45	91.09 3.82 -19.02	93.60 3.98 -18.46	105.59 4.69 -18.70	118.59 4.49 -39.29	113.66 6.09 -16.70	129.03 6.00 -33.51	141.15 6.69 -40.29	140.01 6.96 -37.67	138.02 6.41 -42.58	133.50 6.15 -41.89	138.21 6.65 -40.52	144.74 7.53 -35.42	160.50 8.19 -41.65	180.15 8.54 -59.19	187.35 8.86 -63.42	170.88 8.41 -50.28	160.47 8.41 -40.00	150.28 7.06 -49.07	145.96 8.04 -30.74	144.93 6.84 -34.46
MILLWOOD_13_KV_LOAD 356217	103.77 3.85 -38.81	100.22 4.02 -30.34	92.89 4.15 -19.64	92.67 4.09 -20.45	91.23 3.96 -19.02	93.75 4.13 -18.46	105.76 4.85 -18.70	118.82 4.71 -39.29	113.93 6.36 -16.70	129.30 6.27 -33.51	141.43 6.97 -40.29	140.20 7.15 -37.67	138.29 6.68 -42.58	133.67 6.32 -41.89	138.39 6.83 -40.52	144.94 7.74 -35.42	160.73 8.41 -41.65	180.48 8.88 -59.19	187.69 9.21 -63.42	171.22 8.75 -50.28	160.81 8.74 -40.00	150.56 7.34 -49.07	146.28 8.36 -30.74	145.24 7.15 -34.46
MODEL_CITY_ENERGY 24167	62.61 -5.26 -6.76	64.43 -6.72 -5.29	65.06 -7.46 -3.42	64.40 -7.29 -3.56	64.40 -7.17 -3.31	66.76 -7.61 -3.22	76.67 -8.79 -3.26	69.75 -8.38 -3.31	81.02 -12.81 -2.96	81.12 -11.28 -2.88	85.24 -12.33 -3.40	85.74 -12.78 -3.14	80.69 -11.93 -3.59	78.30 -10.68 -3.53	83.71 -10.74 -3.42	91.74 -13.03 -2.99	98.87 -15.27 -3.48	102.04 -15.29 -4.92	105.15 -15.19 -5.27	98.22 -16.05 -2.08	96.40 -16.03 -0.36	85.07 -13.18 -4.10	96.16 -13.61 -2.59	96.40 -10.15 -2.91
MODERN_LFGE___ 323580	62.61 -5.26 -6.76	64.43 -6.72 -5.29	65.06 -7.46 -3.42	64.40 -7.29 -3.56	64.40 -7.17 -3.31	66.76 -7.61 -3.22	76.67 -8.79 -3.26	69.75 -8.38 -3.31	81.02 -12.81 -2.96	81.12 -11.28 -2.88	85.24 -12.33 -3.40	85.74 -12.78 -3.14	80.69 -11.93 -3.59	78.30 -10.68 -3.53	83.71 -10.74 -3.42	91.74 -13.03 -2.99	98.87 -15.27 -3.48	102.04 -15.29 -4.92	105.15 -15.19 -5.27	98.22 -16.05 -2.08	96.40 -16.03 -0.36	85.07 -13.18 -4.10	96.16 -13.61 -2.59	96.40 -10.15 -2.91
MOHAWK_PAPER___DRP 24187	112.44 3.12 -48.21	106.78 3.23 -37.69	96.88 3.39 -24.40	96.87 3.34 -25.41	95.29 3.41 -23.63	97.58 3.49 -22.93	109.46 4.03 -23.23	126.98 3.52 -48.65	144.37 4.45 -49.04	136.38 4.39 -42.47	148.58 4.52 -49.89	146.60 4.58 -46.65	146.03 4.27 -52.72	141.43 4.10 -51.88	145.58 4.37 -50.17	150.33 4.68 -43.86	167.22 5.17 -51.58	190.88 5.17 -73.30	198.89 5.29 -78.53	179.61 5.16 -62.26	166.64 5.04 -49.53	159.15 4.24 -60.76	150.07 4.82 -38.07	151.21 4.77 -42.80
MOHICAN___35_KV_115KV_LD 80490	115.67 5.13 -49.42	109.77 5.27 -38.64	99.77 5.67 -25.01	99.76 5.59 -26.04	98.34 5.87 -24.22	100.71 6.05 -23.51	113.01 6.99 -23.81	131.20 6.51 -49.87	166.37 8.27 -67.23	141.70 8.06 -44.12	153.79 8.48 -51.14	151.49 8.30 -47.82	150.82 7.75 -54.04	145.98 7.35 -53.18	150.03 7.56 -51.43	155.50 8.75 -44.96	173.49 9.96 -52.87	198.23 10.68 -75.14	206.62 11.05 -80.50	187.01 10.99 -63.82	173.27 10.42 -50.78	165.10 8.66 -62.29	155.85 9.65 -39.02	156.53 9.02 -43.88
MONGAUP___HYD 23641	100.29 3.42 -35.76	97.50 3.69 -27.96	90.92 3.73 -18.09	90.64 3.68 -18.84	89.46 3.68 -17.52	92.01 3.84 -17.01	104.12 4.68 -17.23	115.37 4.41 -36.13	112.06 5.82 -15.37	125.90 5.55 -30.82	137.07 5.84 -37.05	135.84 5.82 -34.65	133.62 5.43 -39.16	129.20 5.21 -38.53	134.05 5.74 -37.27	141.19 6.82 -32.58	156.83 7.86 -38.31	173.94 7.09 -54.44	180.42 7.02 -58.33	166.62 8.19 -46.25	157.37 8.51 -36.79	146.35 7.06 -45.13	143.18 7.72 -28.27	142.11 6.73 -31.75
MONTAUK___DIESEL 23721	121.94 5.50 -55.33	101.99 5.66 -30.47	94.63 5.80 -19.72	94.46 5.79 -20.54	93.09 5.73 -19.10	100.01 6.05 -22.81	142.24 7.07 -52.97	147.28 6.88 -65.58	148.02 9.54 -47.61	147.90 9.13 -49.24	146.73 8.66 -43.90	144.24 8.68 -40.18	144.10 8.01 -47.06	143.76 7.61 -50.70	146.55 8.38 -47.14	151.47 9.97 -39.71	163.47 10.51 -42.30	197.53 11.35 -73.77	226.63 10.01 -101.55	229.08 10.88 -106.01	186.08 11.09 -62.91	227.19 8.85 -124.19	149.79 10.50 -32.11	148.54 10.26 -34.65
MOONROAD_115KV_HARTFLD_TB1-2 355988	64.12 -4.64 -7.66	65.98 -5.86 -5.99	66.48 -6.50 -3.88	66.03 -6.13 -4.04	66.00 -6.01 -3.75	68.54 -6.26 -3.64	79.15 -6.74 -3.69	71.68 -6.28 -3.14	86.60 -7.63 -3.36	84.76 -7.52 -2.76	89.49 -7.91 -3.22	90.62 -7.73 -2.97	85.23 -7.21 -3.41	81.97 -6.84 -3.35	86.82 -7.47 -3.24	96.58 -8.04 -2.84	105.54 -8.41 -3.29	108.95 -8.09 -4.64	112.10 -7.94 -4.97	104.74 -8.64 -1.19	102.58 -8.74 0.74	90.02 -8.00 -3.87	100.64 -9.00 -2.47	97.81 -8.60 -2.77

MORRIS_RIDGE___SOLAR 323848	65.79 -3.85 -8.53	67.51 -5.01 -6.66	67.82 -5.59 -4.31	67.16 -5.45 -4.49	67.11 -5.32 -4.18	69.59 -5.62 -4.06	80.15 -6.17 -4.11	71.07 -5.99 -2.24	86.78 -7.82 -3.73	83.66 -7.88 -2.01	87.81 -8.66 -2.29	88.49 -8.97 -2.09	83.18 -8.28 -2.42	79.98 -7.86 -2.38	85.06 -8.28 -2.31	94.65 -9.16 -2.02	103.57 -9.41 -2.31	106.93 -8.65 -3.17	109.96 -8.51 -3.40	101.81 -9.20 1.18	99.56 -9.19 3.32	88.77 -8.10 -2.72	100.05 -8.89 -1.76	97.53 -8.08 -1.98
MORTIMER_115KV_TB3 55949	64.57 -2.20 -5.66	67.32 -2.96 -4.43	68.58 -3.39 -2.87	67.84 -3.27 -2.99	67.89 -3.14 -2.78	70.58 -3.27 -2.69	81.56 -3.37 -2.73	74.10 -4.12 -3.40	87.06 -6.27 -2.46	86.46 -6.00 -2.94	90.97 -6.69 -3.48	91.65 -6.96 -3.24	86.13 -6.59 -3.68	83.18 -5.90 -3.62	88.72 -5.83 -3.50	97.62 -7.23 -3.07	105.83 -8.41 -3.58	109.72 -7.76 -5.06	113.59 -6.90 -5.42	106.66 -8.41 -2.89	104.98 -8.52 -1.42	91.12 -7.25 -4.22	102.02 -7.82 -2.66	101.24 -5.39 -2.99
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	104.25 4.16 -38.99	100.62 4.28 -30.48	93.25 4.42 -19.73	93.03 4.36 -20.55	91.59 4.23 -19.11	94.11 4.41 -18.55	106.09 5.10 -18.79	119.28 4.94 -39.53	114.37 6.72 -16.78	129.86 6.62 -33.71	142.24 7.53 -40.53	141.09 7.82 -37.90	139.08 7.21 -42.84	134.52 6.92 -42.15	139.27 7.47 -40.77	145.77 8.35 -35.64	161.64 9.07 -41.91	181.40 9.44 -59.55	188.65 9.78 -63.80	172.09 9.31 -50.59	161.61 9.30 -40.25	151.52 8.00 -49.37	147.22 9.11 -30.93	146.02 7.77 -34.61
MUNSVILLE_WIND_PWR 323609	77.63 3.91 -12.61	79.40 3.69 -9.86	79.07 3.59 -6.38	78.58 3.81 -6.65	78.32 3.89 -6.18	81.35 4.20 -6.00	93.46 5.18 -6.08	99.02 5.39 -18.81	105.03 6.18 -7.98	111.30 5.73 -16.04	119.21 5.75 -19.30	119.48 6.01 -18.10	114.77 5.34 -20.39	110.30 4.78 -20.07	115.00 4.55 -19.41	124.95 6.21 -16.96	138.86 8.19 -20.01	151.74 10.00 -29.33	157.43 10.94 -31.42	150.68 9.53 -28.96	146.89 9.30 -25.53	124.87 7.15 -23.57	129.71 7.82 -14.71	127.42 7.25 -16.54
N SALMON___HYD 24042	60.25 -0.86 0.00	65.46 -0.39 0.00	68.62 -0.48 0.00	67.51 -0.61 0.00	67.57 -0.68 0.00	70.45 -0.71 0.00	80.97 -1.23 0.00	74.00 -0.82 0.00	89.32 -1.55 0.00	88.00 -1.52 0.00	92.57 -1.60 0.00	93.66 -1.71 0.00	87.52 -1.51 0.00	83.65 -1.80 0.00	88.95 -2.09 0.00	99.24 -2.54 0.00	107.90 -2.76 0.00	109.38 -3.03 0.00	111.73 -3.34 0.00	109.50 -2.69 0.00	109.38 -2.69 0.00	92.08 -2.07 0.00	104.61 -2.57 0.00	101.87 -1.76 0.00
N.AKRON__115KV_KNAPP 355671	63.91 -3.73 -6.53	66.09 -4.87 -5.10	66.94 -5.46 -3.30	66.25 -5.31 -3.44	66.33 -5.12 -3.20	68.93 -5.34 -3.11	79.43 -5.92 -3.15	72.23 -5.91 -3.32	84.36 -9.36 -2.85	84.00 -8.42 -2.89	88.26 -9.32 -3.41	88.80 -9.73 -3.16	83.55 -9.08 -3.60	80.88 -8.12 -3.54	86.27 -8.19 -3.43	94.81 -9.97 -3.00	102.64 -11.51 -3.49	106.44 -10.90 -4.94	110.35 -10.01 -5.29	102.64 -11.78 -2.23	100.86 -11.77 -0.56	88.28 -9.98 -4.11	99.28 -10.50 -2.60	99.20 -7.36 -2.92
N.BELMOR_69_KV_BK1 55787	121.57 5.13 -55.33	101.60 5.27 -30.47	94.21 5.39 -19.72	93.98 5.31 -20.54	92.61 5.26 -19.10	99.52 5.55 -22.81	141.66 6.49 -52.97	146.60 6.21 -65.58	146.65 8.18 -47.61	146.92 8.15 -49.24	147.11 9.04 -43.90	144.90 9.35 -40.18	144.73 8.64 -47.06	144.45 8.29 -50.70	147.10 8.92 -47.14	151.57 10.08 -39.71	163.91 10.96 -42.30	197.30 11.24 -73.65	217.50 11.74 -90.69	201.19 11.11 -77.90	186.26 11.32 -62.87	158.88 9.51 -55.23	150.08 10.83 -32.07	147.67 9.43 -34.60
N.E_GEN_SANDY PD 24062	124.34 3.60 -59.63	117.88 3.82 -48.20	116.14 3.94 -43.10	115.39 3.88 -43.38	113.20 3.89 -41.06	122.66 4.05 -47.45	140.00 4.68 -53.11	148.72 4.26 -69.64	135.23 5.54 -38.82	135.81 5.46 -40.82	145.57 5.65 -45.75	143.87 5.72 -42.77	142.63 5.25 -48.35	138.15 5.13 -47.57	142.51 5.46 -46.01	148.32 6.31 -40.22	164.71 6.75 -47.30	186.48 6.86 -67.21	194.10 7.02 -72.01	175.90 6.62 -57.09	164.10 6.61 -45.42	155.42 5.55 -55.72	148.30 6.21 -34.91	148.38 5.49 -39.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	102.29 3.48 -37.69	98.95 3.62 -29.47	91.84 3.66 -19.07	91.60 3.61 -19.86	90.27 3.55 -18.47	92.79 3.70 -17.93	104.72 4.36 -18.16	117.21 4.26 -38.12	112.89 5.82 -16.20	127.77 5.73 -32.52	139.67 6.40 -39.10	138.51 6.58 -36.56	136.40 6.05 -41.32	131.92 5.81 -40.65	136.64 6.28 -39.32	143.28 7.12 -34.37	158.83 7.75 -40.42	178.06 8.21 -57.44	185.13 8.52 -61.54	169.06 8.08 -48.79	158.96 8.07 -38.82	148.55 6.78 -47.62	144.62 7.61 -29.83	143.63 6.53 -33.46
N.QUEENS_27_KV_LOAD 356247	104.81 4.71 -39.00	101.28 4.94 -30.49	94.02 5.18 -19.74	93.72 5.04 -20.55	92.20 4.85 -19.10	94.40 4.70 -18.54	105.76 4.77 -18.78	118.98 4.64 -39.52	114.28 6.63 -16.78	129.68 6.45 -33.71	142.62 7.91 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.03 7.43 -42.15	139.91 8.10 -40.76	146.18 8.75 -35.64	161.64 9.07 -41.91	181.51 9.55 -59.55	188.77 9.90 -63.80	172.31 9.54 -50.58	161.84 9.53 -40.24	152.08 8.57 -49.37	148.08 9.97 -30.93	147.17 8.91 -34.62
N.TROY___115KV_TB1 355778	113.15 3.54 -48.50	107.46 3.69 -37.92	97.51 3.87 -24.54	97.50 3.81 -25.56	95.91 3.89 -23.77	98.28 4.06 -23.07	110.26 4.69 -23.37	127.95 4.19 -48.94	153.88 5.36 -57.65	137.81 5.28 -43.01	149.73 5.37 -50.18	147.73 5.44 -46.92	147.05 4.99 -53.04	142.42 4.79 -52.19	146.61 5.10 -50.47	151.71 5.80 -44.12	168.97 6.42 -51.89	192.78 6.63 -73.73	200.86 6.79 -78.99	181.33 6.51 -62.63	168.28 6.39 -49.83	160.55 5.27 -61.12	151.47 6.00 -38.29	152.19 5.49 -43.06
NARROWS_GT1_1 24228	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT1_2 24229	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT1_3 24230	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT1_4 24231	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62

NARROWS_GT1_5 24232	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT1_6 24233	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT1_7 24234	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT1_8 24235	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT2_1 24236	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT2_2 24237	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT2_3 24238	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT2_4 24239	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT2_5 24240	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT2_6 24241	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT2_7 24242	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NARROWS_GT2_8 24243	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	109.99 3.24 -45.64	104.97 3.42 -35.68	95.72 3.52 -23.09	95.65 3.47 -24.05	94.30 3.69 -22.37	96.64 3.77 -21.71	108.80 4.60 -21.99	124.69 3.82 -46.05	128.05 4.73 -32.45	133.73 4.48 -39.72	145.54 4.14 -47.23	143.63 4.10 -44.16	142.68 3.74 -49.91	138.24 3.67 -49.11	142.64 4.10 -47.50	147.89 4.58 -41.52	164.69 5.20 -48.83	187.64 5.85 -69.39	195.74 6.33 -74.34	177.08 5.95 -58.94	164.68 5.72 -46.89	156.38 4.71 -57.52	148.36 5.14 -36.04	149.65 5.49 -40.52
NCHELSEA_115KV_TR2 355582	104.25 3.91 -39.23	100.74 4.21 -30.67	93.23 4.28 -19.85	93.02 4.22 -20.67	91.64 4.16 -19.22	94.23 4.41 -18.66	106.28 5.18 -18.90	119.33 4.94 -39.57	114.63 6.72 -17.03	129.91 6.62 -33.76	141.82 7.06 -40.58	140.57 7.25 -37.94	138.69 6.77 -42.89	134.15 6.49 -42.20	138.86 7.01 -40.81	145.51 8.04 -35.68	161.36 8.74 -41.96	181.36 9.33 -59.62	188.73 9.78 -63.88	172.03 9.20 -50.65	161.55 9.19 -40.29	151.20 7.63 -49.43	146.72 8.57 -30.96	145.92 7.46 -34.83
NEG CAPITAL___MECHNVIL 23645	114.55 4.34 -49.11	108.73 4.48 -38.39	98.71 4.76 -24.85	98.70 4.70 -25.88	97.16 4.85 -24.06	99.49 4.98 -23.36	111.70 5.84 -23.66	129.68 5.31 -49.55	161.89 6.72 -64.30	139.90 6.62 -43.75	151.95 6.97 -50.81	149.84 6.96 -47.51	149.14 6.41 -53.70	144.45 6.16 -52.84	148.61 6.46 -51.10	153.89 7.43 -44.67	171.50 8.30 -52.53	195.84 8.77 -74.65	204.14 9.09 -79.98	184.46 8.86 -63.41	171.03 8.51 -50.45	163.10 7.06 -61.89	153.88 7.93 -38.77	154.48 7.25 -43.60

NEG CENTRAL_HIGH_ACRES 23767	64.05 -2.56 -5.50	66.67 -3.49 -4.30	67.95 -3.94 -2.78	67.21 -3.81 -2.90	67.26 -3.69 -2.70	69.93 -3.84 -2.62	80.83 -4.03 -2.65	74.26 -4.41 -3.86	86.83 -6.45 -2.41	86.67 -6.18 -3.32	91.35 -6.78 -3.96	92.00 -7.06 -3.68	86.53 -6.68 -4.18	83.50 -6.07 -4.11	88.83 -6.19 -3.98	97.84 -7.43 -3.48	106.22 -8.52 -4.07	110.44 -7.75 -5.79	113.79 -7.48 -6.20	107.77 -8.30 -3.89	106.00 -8.52 -2.46	91.70 -7.25 -4.80	102.27 -7.93 -3.02	101.02 -6.01 -3.40
NEG CENTRAL___DRP 24199	66.35 -0.67 -5.92	69.04 -1.45 -4.63	70.37 -1.73 -2.99	69.61 -1.63 -3.12	69.65 -1.50 -2.90	72.48 -1.49 -2.82	83.82 -1.23 -2.85	76.95 -1.20 -3.33	91.46 -2.00 -2.59	90.44 -1.97 -2.88	95.14 -2.45 -3.41	95.97 -2.58 -3.17	90.24 -2.40 -3.61	86.78 -2.22 -3.55	92.11 -2.37 -3.43	102.14 -2.65 -3.00	111.29 -2.88 -3.50	115.41 -1.91 -4.91	118.95 -1.38 -5.26	112.49 -2.24 -2.54	110.73 -2.35 -1.02	96.11 -2.17 -4.13	107.00 -2.79 -2.61	104.18 -2.38 -2.93
NEG CENTRAL___INDECK 23768	68.15 -0.49 -7.53	70.23 -1.51 -5.89	71.05 -1.86 -3.81	70.26 -1.84 -3.97	70.38 -1.57 -3.69	73.17 -1.57 -3.58	84.76 -1.07 -3.63	75.13 -1.50 -1.81	90.95 -3.18 -3.26	87.67 -3.49 -1.64	91.79 -4.24 -1.85	92.48 -4.58 -1.68	86.54 -4.45 -1.96	83.28 -4.10 -1.93	88.90 -4.00 -1.87	99.05 -4.37 -1.64	108.43 -4.09 -1.86	112.44 -2.47 -2.50	115.90 -1.85 -2.68	107.50 -3.26 1.43	105.27 -3.47 3.32	92.96 -3.39 -2.19	104.85 -3.75 -1.43	102.86 -2.38 -1.60
NEG CENTRAL___SENECA 23627	66.91 -0.67 -6.47	69.27 -1.65 -5.06	70.44 -1.93 -3.27	69.70 -1.84 -3.41	69.72 -1.71 -3.17	72.60 -1.64 -3.08	83.93 -1.40 -3.12	75.03 -1.35 -1.55	91.28 -2.36 -2.77	88.60 -2.33 -1.40	92.85 -2.92 -1.59	93.77 -3.05 -1.45	87.95 -2.76 -1.68	84.46 -2.65 -1.66	89.91 -2.73 -1.60	99.93 -3.26 -1.41	108.72 -3.54 -1.60	112.03 -2.47 -2.09	115.47 -1.84 -2.24	108.07 -2.80 1.31	106.21 -2.91 2.94	93.40 -2.64 -1.88	105.08 -3.32 -1.22	102.21 -2.80 -1.38
NEG CENTRAL___STATE_STREET 24147	66.65 -0.24 -5.79	69.66 -0.72 -4.52	71.13 -0.90 -2.93	70.29 -0.89 -3.05	70.34 -0.75 -2.83	73.20 -0.71 -2.75	84.58 -0.41 -2.79	81.68 -0.37 -7.24	92.75 -0.82 -2.70	94.88 -0.81 -6.16	100.56 -1.04 -7.42	101.18 -1.14 -6.95	95.72 -1.16 -7.85	92.15 -1.03 -7.72	97.41 -1.09 -7.47	107.19 -1.12 -6.53	117.35 -1.00 -7.69	123.28 -0.22 -11.10	127.31 0.35 -11.89	121.97 -0.56 -10.34	120.19 -0.67 -8.79	102.36 -0.85 -9.06	111.66 -1.18 -5.66	108.96 -1.04 -6.36
NEG MILLWOOD___DRP 24198	105.11 4.40 -39.60	101.56 4.74 -30.96	93.98 4.84 -20.04	93.76 4.77 -20.87	92.30 4.64 -19.41	94.98 4.98 -18.84	107.12 5.84 -19.08	120.37 5.61 -39.94	115.53 7.54 -17.12	131.03 7.43 -34.07	143.13 8.00 -40.95	141.87 8.20 -38.29	139.88 7.57 -43.28	135.30 7.26 -42.59	140.06 7.83 -41.19	146.75 8.96 -36.01	162.85 9.85 -42.34	182.92 10.34 -60.17	190.35 10.82 -64.46	173.62 10.32 -51.11	163.04 10.31 -40.66	152.41 8.38 -49.88	147.97 9.54 -31.25	147.09 8.29 -35.16
NEG NORTH_FLCN_SEA 23793	59.89 -1.22 0.00	64.80 -1.05 0.00	67.93 -1.17 0.00	66.83 -1.29 0.00	66.82 -1.43 0.00	69.66 -1.49 0.00	79.41 -2.79 0.00	72.50 -2.32 0.00	87.60 -3.27 0.00	86.30 -3.22 0.00	90.88 -3.30 0.00	91.94 -3.43 0.00	85.92 -3.12 0.00	82.29 -3.16 0.00	87.58 -3.46 0.00	97.82 -3.97 0.00	106.35 -4.32 0.00	107.69 -4.72 0.00	109.78 -5.29 0.00	107.81 -4.38 0.00	107.70 -4.37 0.00	90.67 -3.48 0.00	103.00 -4.18 0.00	100.94 -2.69 0.00
NEG NORTH_KES_CHATEGAY 23792	59.21 -1.89 0.00	64.15 -1.71 0.00	67.23 -1.87 0.00	66.15 -1.98 0.00	66.20 -2.05 0.00	68.95 -2.21 0.00	79.16 -3.04 0.00	72.27 -2.54 0.00	87.42 -3.45 0.00	86.03 -3.49 0.00	90.60 -3.58 0.00	91.65 -3.72 0.00	85.74 -3.29 0.00	82.12 -3.33 0.00	87.40 -3.64 0.00	97.61 -4.17 0.00	106.12 -4.54 0.00	107.35 -5.06 0.00	109.43 -5.64 0.00	107.59 -4.60 0.00	107.47 -4.59 0.00	90.48 -3.67 0.00	102.79 -4.39 0.00	100.01 -3.63 0.00
NEG NORTH___ALICE_FALLS 23915	60.13 -0.98 0.00	65.13 -0.72 0.00	68.27 -0.83 0.00	67.10 -1.02 0.00	67.16 -1.09 0.00	70.02 -1.14 0.00	80.07 -2.14 0.00	73.17 -1.65 0.00	88.32 -2.54 0.00	86.93 -2.60 0.00	91.54 -2.64 0.00	92.61 -2.77 0.00	86.54 -2.49 0.00	82.89 -2.56 0.00	88.22 -2.82 0.00	98.53 -3.26 0.00	107.23 -3.43 0.00	108.59 -3.82 0.00	110.70 -4.37 0.00	108.71 -3.48 0.00	108.59 -3.47 0.00	91.42 -2.73 0.00	103.75 -3.43 0.00	101.36 -2.28 0.00
NEG NORTH___LWR_SARANAC 23913	60.13 -0.98 0.00	65.13 -0.72 0.00	68.27 -0.83 0.00	67.10 -1.02 0.00	67.16 -1.09 0.00	70.02 -1.14 0.00	80.07 -2.14 0.00	73.17 -1.65 0.00	88.32 -2.54 0.00	86.93 -2.60 0.00	91.54 -2.64 0.00	92.61 -2.77 0.00	86.54 -2.49 0.00	82.89 -2.56 0.00	88.22 -2.82 0.00	98.53 -3.26 0.00	107.23 -3.43 0.00	108.59 -3.82 0.00	110.70 -4.37 0.00	108.71 -3.48 0.00	108.59 -3.47 0.00	91.42 -2.73 0.00	103.75 -3.43 0.00	101.36 -2.28 0.00
NEG NORTH___PLATTSBURG 23628	60.07 -1.04 0.00	65.13 -0.72 0.00	68.27 -0.83 0.00	67.10 -1.02 0.00	67.16 -1.09 0.00	70.02 -1.14 0.00	80.07 -2.14 0.00	73.17 -1.65 0.00	88.33 -2.54 0.00	86.93 -2.60 0.00	91.54 -2.64 0.00	92.60 -2.77 0.00	86.54 -2.49 0.00	82.89 -2.56 0.00	88.22 -2.82 0.00	98.52 -3.26 0.00	107.23 -3.43 0.00	108.59 -3.82 0.00	110.93 -4.14 0.00	108.71 -3.48 0.00	108.59 -3.47 0.00	91.42 -2.73 0.00	103.75 -3.43 0.00	101.35 -2.28 0.00
NEG WEST_LEA_LOCKPORT 23791	62.74 -5.07 -6.71	64.78 -6.32 -5.24	65.51 -6.98 -3.39	64.85 -6.81 -3.53	64.85 -6.69 -3.29	67.23 -7.12 -3.19	77.30 -8.14 -3.23	69.96 -8.16 -3.30	81.81 -11.99 -2.93	81.56 -10.83 -2.87	85.69 -11.87 -3.38	86.30 -12.21 -3.13	81.21 -11.40 -3.57	78.71 -10.25 -3.52	84.06 -10.38 -3.40	92.24 -12.52 -2.98	99.63 -14.50 -3.46	103.03 -14.28 -4.90	106.74 -13.58 -5.24	99.23 -15.03 -2.07	97.41 -15.02 -0.36	85.71 -12.52 -4.08	96.58 -13.18 -2.58	96.59 -9.95 -2.90
NEG WEST___LANCASTER 23811	62.47 -6.29 -7.65	64.27 -7.57 -5.98	64.68 -8.29 -3.87	64.12 -8.04 -4.03	64.02 -7.99 -3.75	66.40 -8.40 -3.64	76.44 -9.45 -3.69	70.06 -8.08 -3.32	86.51 -7.72 -3.37	84.10 -8.33 -2.90	89.76 -7.82 -3.40	91.17 -7.34 -3.14	85.42 -7.21 -3.59	81.21 -7.78 -3.54	85.63 -8.83 -3.42	96.84 -7.94 -2.99	107.28 -6.86 -3.48	110.80 -6.52 -4.91	112.97 -7.36 -5.26	106.55 -7.18 -1.54	104.49 -7.17 0.40	91.09 -7.16 -4.09	101.53 -8.25 -2.60	95.78 -10.78 -2.93
NEG_PENN_ALLEGHNY 23528	73.97 -0.24 -13.10	75.38 -0.72 -10.24	74.83 -0.90 -6.63	74.14 -0.89 -6.90	73.86 -0.82 -6.42	76.54 -0.85 -6.23	87.78 -0.74 -6.31	85.42 -0.67 -11.28	96.53 -0.73 -6.39	98.39 -0.81 -9.68	104.89 -0.85 -11.56	105.31 -0.86 -10.80	100.45 -0.80 -12.22	96.62 -0.85 -12.02	101.76 -0.91 -11.63	111.25 -0.71 -10.17	122.16 -0.44 -11.94	130.49 0.11 -17.97	134.67 0.35 -19.25	126.34 -0.34 -14.49	122.78 -0.34 -11.05	107.65 -0.56 -14.06	115.26 -0.75 -8.83	112.62 -0.93 -9.92
NEG___GEN_MONROE 24207	64.44 -2.38 -5.71	67.03 -3.29 -4.46	68.33 -3.66 -2.89	67.59 -3.54 -3.01	67.71 -3.34 -2.80	70.32 -3.56 -2.72	81.09 -3.86 -2.75	73.72 -4.49 -3.39	86.45 -6.91 -2.48	85.83 -6.62 -2.93	90.12 -7.53 -3.48	90.69 -7.92 -3.23	85.32 -7.39 -3.68	82.32 -6.75 -3.62	87.89 -6.65 -3.50	96.60 -8.24 -3.06	104.72 -9.52 -3.58	108.81 -8.66 -5.06	112.66 -7.82 -5.42	105.62 -9.42 -2.85	103.81 -9.64 -1.38	90.17 -8.19 -4.21	101.16 -8.68 -2.66	100.61 -6.01 -2.99

NEPA__ENERGY 23901	64.24 -4.58 -7.72	66.16 -5.73 -6.03	66.65 -6.36 -3.91	66.06 -6.13 -4.07	66.03 -6.01 -3.78	68.42 -6.40 -3.67	78.85 -7.07 -3.72	71.30 -6.88 -3.37	85.82 -8.45 -3.40	84.14 -8.33 -2.94	88.96 -8.66 -3.45	89.88 -8.68 -3.19	84.49 -8.19 -3.65	81.26 -7.78 -3.59	86.23 -8.28 -3.47	95.87 -8.96 -3.04	104.78 -9.41 -3.53	108.29 -9.11 -4.99	111.44 -8.98 -5.34	104.02 -9.76 -1.59	101.96 -9.75 0.36	89.64 -8.66 -4.15	100.17 -9.65 -2.64	97.69 -8.91 -2.97
NEVERSINK__HYD 23608	100.22 3.54 -35.57	97.42 3.75 -27.81	90.90 3.80 -18.00	90.68 3.81 -18.74	89.43 3.75 -17.43	91.99 3.91 -16.92	104.11 4.77 -17.14	115.36 4.64 -35.90	113.11 6.18 -16.06	126.27 6.09 -30.65	137.30 6.31 -36.82	136.19 6.39 -34.42	133.82 5.87 -38.91	129.38 5.64 -38.28	134.26 6.19 -37.03	141.38 7.23 -32.37	156.92 8.19 -38.06	175.38 8.88 -54.09	182.57 9.55 -57.95	167.12 8.98 -45.95	157.47 8.85 -36.56	146.34 7.35 -44.84	143.31 8.04 -28.09	142.26 7.05 -31.58
NEWKRMKL_115KV_TB1 55635	111.97 2.75 -48.11	106.30 2.83 -37.62	96.42 2.97 -24.35	96.41 2.93 -25.35	94.83 3.00 -23.58	97.10 3.06 -22.89	108.92 3.53 -23.18	126.28 2.92 -48.55	140.55 3.63 -46.05	135.48 3.67 -42.28	147.72 3.77 -49.78	145.74 3.81 -46.55	145.21 3.56 -52.61	140.64 3.42 -51.77	144.75 3.64 -50.07	149.12 3.56 -43.77	165.79 3.65 -51.47	189.38 3.82 -73.14	197.35 3.91 -78.36	178.02 3.70 -62.13	165.20 3.70 -49.43	157.89 3.11 -60.63	148.81 3.64 -37.99	150.19 3.83 -42.72
NEWTON__FALLS_HYD 23847	62.82 0.43 -1.28	67.45 0.59 -1.00	70.37 0.62 -0.65	69.48 0.68 -0.67	69.36 0.48 -0.63	72.34 0.57 -0.61	83.15 0.33 -0.62	77.08 0.97 -1.29	91.20 0.27 -0.06	90.79 0.18 -1.09	95.78 0.28 -1.33	96.80 0.19 -1.24	90.52 0.09 -1.40	86.49 -0.34 -1.38	91.46 -0.91 -1.33	102.14 -0.81 -1.17	111.26 -0.77 -1.37	113.91 -0.45 -1.95	116.24 -0.92 -2.09	113.39 -0.45 -1.65	112.82 -0.56 -1.32	95.29 -0.47 -1.61	107.66 -0.54 -1.01	104.88 0.10 -1.14
NGRID_A1_DSASP 323792	63.02 -4.89 -6.80	64.85 -6.32 -5.32	65.43 -7.12 -3.44	64.83 -6.88 -3.58	64.76 -6.82 -3.33	67.06 -7.33 -3.24	76.60 -8.88 -3.28	68.48 -9.65 -3.32	80.58 -13.27 -2.98	79.79 -12.62 -2.89	83.82 -13.75 -3.40	84.41 -14.11 -3.15	79.45 -13.18 -3.59	77.02 -11.96 -3.53	82.26 -12.20 -3.42	90.32 -14.45 -2.99	97.43 -16.71 -3.48	101.03 -16.30 -4.92	104.12 -16.22 -5.27	96.97 -17.27 -2.06	95.25 -17.14 -0.33	84.78 -13.47 -4.10	94.56 -15.22 -2.60	94.74 -11.82 -2.92
NGRID_A2_DSASP 323793	63.02 -4.89 -6.80	64.85 -6.32 -5.32	65.43 -7.12 -3.44	64.83 -6.88 -3.58	64.76 -6.82 -3.33	67.06 -7.33 -3.24	76.60 -8.88 -3.28	68.48 -9.65 -3.32	80.58 -13.27 -2.98	79.79 -12.62 -2.89	83.82 -13.75 -3.40	84.41 -14.11 -3.15	79.45 -13.18 -3.59	77.02 -11.96 -3.53	82.26 -12.20 -3.42	90.32 -14.45 -2.99	97.43 -16.71 -3.48	101.03 -16.30 -4.92	104.12 -16.22 -5.27	96.97 -17.27 -2.06	95.25 -17.14 -0.33	84.78 -13.47 -4.10	94.56 -15.22 -2.60	94.74 -11.82 -2.92
NGRID_A4_DSASP 323807	63.02 -4.89 -6.80	64.85 -6.32 -5.32	65.43 -7.12 -3.44	64.83 -6.88 -3.58	64.76 -6.82 -3.33	67.06 -7.33 -3.24	76.60 -8.88 -3.28	68.48 -9.65 -3.32	80.58 -13.27 -2.98	79.79 -12.62 -2.89	83.82 -13.75 -3.40	84.41 -14.11 -3.15	79.45 -13.18 -3.59	77.02 -11.96 -3.53	82.26 -12.20 -3.42	90.32 -14.45 -2.99	97.43 -16.71 -3.48	101.03 -16.30 -4.92	104.12 -16.22 -5.27	96.97 -17.27 -2.06	95.25 -17.14 -0.33	84.78 -13.47 -4.10	94.56 -15.22 -2.60	94.74 -11.82 -2.92
NIAGARA_115E_LBMP 323715	62.36 -5.56 -6.81	64.14 -7.05 -5.32	64.74 -7.81 -3.45	64.08 -7.63 -3.59	64.08 -7.51 -3.34	66.43 -7.97 -3.24	76.20 -9.29 -3.28	69.38 -8.75 -3.31	80.40 -13.45 -2.98	80.77 -11.64 -2.88	84.76 -12.81 -3.40	85.26 -13.25 -3.15	80.25 -12.37 -3.59	77.96 -11.02 -3.53	83.44 -11.02 -3.42	91.34 -13.44 -2.99	98.21 -15.93 -3.48	101.37 -15.96 -4.92	104.35 -15.99 -5.27	97.53 -16.72 -2.06	95.70 -16.70 -0.33	84.50 -13.75 -4.10	95.74 -14.04 -2.59	96.08 -10.46 -2.91
NIAGARA_115W_LBMP 323714	62.95 -4.95 -6.79	64.78 -6.39 -5.31	65.35 -7.19 -3.44	64.75 -6.95 -3.58	64.69 -6.89 -3.33	66.99 -7.40 -3.23	76.52 -8.96 -3.27	68.34 -9.80 -3.32	80.40 -13.45 -2.97	79.70 -12.71 -2.89	83.73 -13.84 -3.40	84.21 -14.31 -3.15	79.36 -13.27 -3.59	76.94 -12.05 -3.54	82.17 -12.29 -3.42	90.12 -14.66 -2.99	97.22 -16.93 -3.48	100.81 -16.52 -4.92	104.01 -16.34 -5.27	96.75 -17.50 -2.06	95.03 -17.37 -0.33	84.70 -13.56 -4.10	94.45 -15.33 -2.60	94.54 -12.02 -2.92
NIAGARA_230_LBMP 323716	63.06 -4.77 -6.71	64.91 -6.19 -5.25	65.59 -6.91 -3.40	64.92 -6.75 -3.54	64.92 -6.62 -3.29	67.31 -7.05 -3.19	77.30 -8.14 -3.24	69.25 -8.90 -3.33	81.54 -12.27 -2.94	80.79 -11.64 -2.90	84.88 -12.72 -3.42	85.48 -13.06 -3.17	80.45 -12.19 -3.61	77.90 -11.11 -3.55	83.19 -11.29 -3.44	91.36 -13.44 -3.01	98.67 -15.49 -3.50	101.96 -15.40 -4.94	105.06 -15.30 -5.29	98.11 -16.15 -2.08	96.28 -16.14 -0.35	85.00 -13.27 -4.12	95.76 -14.04 -2.61	95.70 -10.88 -2.94
NIAGARA__115KV_198_GIBSON 55903	62.71 -5.19 -6.79	64.71 -6.45 -5.31	65.35 -7.19 -3.44	64.76 -6.95 -3.58	64.69 -6.89 -3.33	66.99 -7.40 -3.23	76.52 -8.96 -3.27	68.33 -9.80 -3.32	80.39 -13.45 -2.97	79.70 -12.71 -2.89	83.73 -13.84 -3.40	84.22 -14.31 -3.15	79.36 -13.27 -3.59	76.94 -12.05 -3.54	82.17 -12.29 -3.42	90.12 -14.66 -2.99	97.21 -16.93 -3.48	100.92 -16.41 -4.92	105.04 -15.30 -5.27	96.86 -17.39 -2.06	95.14 -17.26 -0.33	84.60 -13.65 -4.10	94.35 -15.43 -2.60	94.54 -12.02 -2.92
NIAGARA____ 23760	63.15 -4.77 -6.81	64.98 -6.19 -5.32	65.63 -6.91 -3.44	64.97 -6.75 -3.59	64.97 -6.62 -3.33	67.35 -7.05 -3.24	77.34 -8.14 -3.27	69.24 -8.90 -3.33	81.56 -12.27 -2.96	80.78 -11.64 -2.90	84.87 -12.72 -3.41	85.47 -13.06 -3.16	80.44 -12.19 -3.60	77.89 -11.11 -3.55	83.18 -11.29 -3.43	91.35 -13.44 -3.00	98.66 -15.49 -3.49	101.95 -15.40 -4.94	105.06 -15.30 -5.29	98.11 -16.15 -2.07	96.27 -16.14 -0.34	85.00 -13.27 -4.12	95.75 -14.04 -2.61	95.69 -10.88 -2.93
NINE_MILE_1 23575	62.07 -2.20 -3.16	65.69 -2.64 -2.47	67.80 -2.90 -1.60	66.99 -2.80 -1.67	67.00 -2.80 -1.55	69.74 -2.92 -1.50	80.52 -3.21 -1.52	74.94 -3.07 -3.19	87.01 -4.00 -0.14	88.27 -3.94 -2.68	93.30 -4.14 -3.27	94.14 -4.29 -3.06	88.49 -4.00 -3.46	85.10 -3.76 -3.40	90.33 -4.00 -3.29	100.19 -4.48 -2.88	109.18 -4.87 -3.38	112.50 -4.72 -4.81	115.61 -4.61 -5.15	111.34 -4.93 -4.08	110.39 -4.93 -3.25	93.90 -4.23 -3.98	104.96 -4.71 -2.50	102.09 -4.35 -2.81
NINE_MILE_2 23744	62.12 -2.14 -3.15	65.69 -2.64 -2.46	67.80 -2.90 -1.59	66.99 -2.80 -1.66	67.00 -2.80 -1.54	69.74 -2.92 -1.50	80.52 -3.21 -1.52	74.93 -3.07 -3.18	87.10 -3.90 -0.14	88.26 -3.94 -2.67	93.29 -4.14 -3.26	94.13 -4.29 -3.05	88.48 -4.00 -3.45	85.09 -3.76 -3.39	90.41 -3.91 -3.28	100.18 -4.48 -2.87	109.17 -4.87 -3.37	112.59 -4.61 -4.79	115.60 -4.61 -5.14	111.44 -4.82 -4.07	110.38 -4.93 -3.24	93.89 -4.23 -3.97	104.96 -4.71 -2.49	102.08 -4.35 -2.80
NM_CAPITAL__DRP 24208	111.91 2.81 -47.99	106.27 2.90 -37.52	96.42 3.04 -24.28	96.41 3.00 -25.29	94.84 3.07 -23.51	97.18 3.20 -22.83	108.94 3.62 -23.12	126.30 3.07 -48.42	140.18 3.82 -45.50	135.53 3.85 -42.15	147.69 3.86 -49.65	145.81 4.01 -46.43	145.25 3.74 -52.47	140.67 3.59 -51.63	144.80 3.82 -49.94	149.31 3.87 -43.66	165.98 3.98 -51.34	189.52 4.16 -72.95	197.48 4.26 -78.16	178.20 4.04 -61.97	165.40 4.03 -49.30	158.01 3.39 -60.47	149.03 3.97 -37.89	150.28 4.04 -42.60

NM_CENTRAL___DRP 24181	64.49 -0.92 -4.30	67.90 -1.32 -3.36	69.75 -1.52 -2.17	68.89 -1.50 -2.26	68.92 -1.43 -2.11	71.78 -1.42 -2.04	82.71 -1.56 -2.07	77.66 -1.50 -4.34	88.97 -2.09 -0.19	91.20 -1.97 -3.64	96.45 -2.17 -4.45	97.24 -2.29 -4.16	91.60 -2.14 -4.70	88.11 -1.97 -4.62	93.42 -2.09 -4.47	103.46 -2.24 -3.91	112.82 -2.43 -4.60	117.03 -1.91 -6.53	120.46 -1.61 -7.00	115.38 -2.36 -5.55	114.13 -2.35 -4.42	97.40 -2.17 -5.42	108.00 -2.57 -3.39	105.17 -2.28 -3.81
NM_FRONTIER___DRP 24179	62.71 -5.19 -6.79	64.71 -6.45 -5.31	65.35 -7.19 -3.44	64.76 -6.95 -3.58	64.69 -6.89 -3.33	66.99 -7.40 -3.23	76.52 -8.96 -3.27	68.33 -9.80 -3.32	80.39 -13.45 -2.97	79.70 -12.71 -2.89	83.73 -13.84 -3.40	84.22 -14.31 -3.15	79.36 -13.27 -3.59	76.94 -12.05 -3.54	82.17 -12.29 -3.42	90.12 -14.66 -2.99	97.21 -16.93 -3.48	100.92 -16.41 -4.92	105.04 -15.30 -5.27	96.86 -17.39 -2.06	95.14 -17.26 -0.33	84.60 -13.65 -4.10	94.35 -15.43 -2.60	94.54 -12.02 -2.92
NM_ST_REGIS___HYD 24053	61.07 -0.67 -0.63	66.09 -0.26 -0.50	69.21 -0.21 -0.32	68.12 -0.34 -0.33	68.09 -0.48 -0.31	70.96 -0.50 -0.30	81.52 -0.99 -0.31	74.93 -0.52 -0.64	89.63 -1.27 -0.03	88.81 -1.25 -0.54	93.61 -1.22 -0.66	94.56 -1.43 -0.61	88.48 -1.25 -0.69	84.43 -1.71 -0.68	89.33 -2.37 -0.66	99.41 -2.95 -0.58	108.02 -3.32 -0.68	109.66 -3.71 -0.96	111.50 -4.60 -1.03	109.75 -3.25 -0.82	109.47 -3.25 -0.65	92.60 -2.35 -0.80	105.00 -2.68 -0.50	102.54 -1.66 -0.56
NORTHPORT___1 23551	122.00 5.56 -55.33	102.06 5.73 -30.47	94.77 5.94 -19.72	94.52 5.86 -20.54	93.09 5.73 -19.10	100.09 6.12 -22.81	141.99 6.82 -52.97	146.83 6.44 -65.58	146.83 8.35 -47.61	146.83 8.06 -49.24	146.83 8.76 -43.90	144.62 9.07 -40.18	144.46 8.37 -47.06	144.28 8.12 -50.70	146.83 8.65 -47.14	151.27 9.77 -39.71	163.58 10.62 -42.30	196.51 10.46 -73.65	215.17 9.44 -90.66	199.67 9.65 -77.83	183.79 8.85 -62.87	157.39 8.19 -55.06	149.64 10.39 -32.07	147.46 9.22 -34.60
NORTHPORT___2 23552	122.00 5.56 -55.33	102.06 5.73 -30.47	94.77 5.94 -19.72	94.52 5.86 -20.54	93.09 5.73 -19.10	100.09 6.12 -22.81	141.99 6.82 -52.97	146.83 6.44 -65.58	146.83 8.35 -47.61	146.83 8.06 -49.24	146.83 8.76 -43.90	144.62 9.07 -40.18	144.46 8.37 -47.06	144.28 8.12 -50.70	146.83 8.65 -47.14	151.27 9.77 -39.71	163.58 10.62 -42.30	196.51 10.46 -73.65	214.51 9.44 -90.00	197.93 9.65 -76.09	183.79 8.85 -62.87	153.11 8.19 -50.77	149.64 10.39 -32.07	147.46 9.22 -34.60
NORTHPORT___3 23553	121.08 4.64 -55.33	101.01 4.68 -30.47	93.66 4.84 -19.72	93.43 4.77 -20.54	92.06 4.71 -19.10	98.94 4.98 -22.81	140.92 5.75 -52.97	145.63 5.24 -65.58	145.57 7.09 -47.61	145.76 6.99 -49.24	145.79 7.72 -43.90	143.57 8.01 -40.18	143.57 7.48 -47.06	143.34 7.18 -50.70	145.73 7.55 -47.14	149.64 8.15 -39.71	161.48 8.52 -42.30	195.60 9.55 -73.64	216.95 11.74 -90.14	198.97 10.31 -76.47	186.14 11.21 -62.87	154.72 8.85 -51.72	148.14 8.89 -32.07	146.11 7.87 -34.60
NORTHPORT___4 23650	121.08 4.64 -55.33	101.01 4.68 -30.47	93.66 4.84 -19.72	93.43 4.77 -20.54	92.06 4.71 -19.10	98.94 4.98 -22.81	140.92 5.75 -52.97	145.63 5.24 -65.58	145.57 7.09 -47.61	145.76 6.99 -49.24	145.79 7.72 -43.90	143.57 8.01 -40.18	143.57 7.48 -47.06	143.34 7.18 -50.70	145.73 7.55 -47.14	149.64 8.15 -39.71	161.48 8.52 -42.30	195.60 9.55 -73.64	216.95 11.74 -90.14	198.97 10.31 -76.47	186.14 11.21 -62.87	154.72 8.85 -51.72	148.14 8.89 -32.07	146.11 7.87 -34.60
NORTHPORT___IC 23718	121.94 5.50 -55.33	102.13 5.80 -30.47	94.77 5.94 -19.72	94.52 5.86 -20.54	93.09 5.73 -19.10	100.08 6.12 -22.81	141.99 6.82 -52.97	146.83 6.43 -65.58	146.84 8.36 -47.61	146.83 8.06 -49.24	146.83 8.76 -43.90	144.62 9.06 -40.18	144.46 8.37 -47.06	144.28 8.12 -50.70	146.82 8.65 -47.14	151.26 9.77 -39.71	163.58 10.62 -42.30	196.28 10.23 -73.65	216.23 11.16 -90.00	197.93 9.65 -76.09	185.59 10.65 -62.87	153.11 8.19 -50.77	149.75 10.50 -32.07	147.46 9.22 -34.60
NORTH___COUNTRY_ESR 323785	58.91 -2.20 0.00	63.95 -1.91 0.00	67.03 -2.07 0.00	65.94 -2.18 0.00	66.00 -2.25 0.00	68.74 -2.42 0.00	78.91 -3.29 0.00	72.05 -2.77 0.00	87.14 -3.73 0.00	85.85 -3.67 0.00	90.40 -3.77 0.00	91.46 -3.91 0.00	85.47 -3.56 0.00	81.95 -3.51 0.00	87.13 -3.91 0.00	97.41 -4.37 0.00	105.80 -4.87 0.00	107.02 -5.39 0.00	109.21 -5.86 0.00	107.26 -4.93 0.00	107.14 -4.93 0.00	90.20 -3.95 0.00	102.57 -4.61 0.00	99.70 -3.94 0.00
NPX_GEN_1385_PROXY 323591	122.91 6.47 -55.33	109.82 7.24 -36.72	108.85 7.47 -32.29	107.37 7.36 -31.89	111.28 7.31 -35.72	120.00 7.69 -41.16	142.73 7.56 -52.97	147.80 7.41 -65.58	147.75 9.27 -47.61	146.92 8.15 -49.24	147.11 9.04 -43.90	144.52 8.96 -40.18	144.28 8.19 -47.06	144.36 8.20 -50.70	147.19 9.01 -47.14	151.77 10.28 -39.71	164.91 11.96 -42.30	196.51 10.46 -73.65	214.44 8.86 -90.50	198.80 9.20 -77.41	182.78 7.84 -62.87	156.27 8.10 -54.02	149.64 10.39 -32.07	147.36 9.12 -34.60
NPX_GEN_CSC 323557	122.36 5.93 -55.33	102.39 6.06 -30.47	95.11 6.29 -19.72	94.86 6.20 -20.54	93.50 6.15 -19.10	100.37 6.41 -22.81	142.65 7.48 -52.97	147.51 7.11 -65.58	147.75 9.27 -47.61	147.72 8.95 -49.24	147.49 9.42 -43.90	145.09 9.54 -40.18	144.91 8.82 -47.06	144.62 8.46 -50.70	147.37 9.19 -47.14	152.18 10.68 -39.71	164.91 11.96 -42.30	198.66 12.48 -73.77	229.08 12.43 -101.58	230.40 12.12 -106.09	186.64 11.65 -62.91	228.72 10.17 -124.39	151.19 11.90 -32.11	148.96 10.68 -34.65
NSINS_S___GLNS_FALLS 23858	115.70 5.13 -49.46	109.79 5.27 -38.67	99.72 5.60 -25.03	99.77 5.59 -26.06	98.36 5.87 -24.24	100.73 6.05 -23.53	113.02 6.99 -23.83	131.23 6.51 -49.91	166.61 8.18 -67.56	141.74 8.06 -44.16	153.83 8.48 -51.18	151.52 8.30 -47.85	150.86 7.75 -54.08	146.02 7.35 -53.22	150.07 7.56 -51.47	155.54 8.75 -45.00	173.53 9.96 -52.91	198.28 10.68 -75.19	206.67 11.05 -80.56	186.94 10.88 -63.87	173.30 10.42 -50.81	165.14 8.66 -62.33	155.88 9.65 -39.05	156.56 9.02 -43.91
NUCOR_STEEL___DRP 24197	66.51 -0.18 -5.58	69.63 -0.59 -4.37	71.10 -0.83 -2.83	70.32 -0.75 -2.94	70.31 -0.68 -2.74	73.17 -0.64 -2.66	84.40 -0.49 -2.69	81.54 -0.52 -7.24	92.57 -0.91 -2.60	94.79 -0.90 -6.16	100.47 -1.13 -7.43	101.09 -1.24 -6.96	95.72 -1.16 -7.85	92.06 -1.11 -7.72	97.42 -1.09 -7.47	107.19 -1.12 -6.53	117.36 -1.00 -7.69	123.18 -0.34 -11.11	127.20 0.23 -11.90	121.99 -0.67 -10.47	120.26 -0.78 -8.97	102.27 -0.94 -9.06	111.66 -1.18 -5.66	109.07 -0.93 -6.37
NUMBER_THREE_WT_PWR 323818	64.65 1.83 -1.71	69.04 1.84 -1.34	71.83 1.87 -0.87	70.93 1.90 -0.90	70.94 1.84 -0.84	73.96 1.99 -0.82	85.00 1.97 -0.83	79.24 2.69 -1.73	92.86 1.91 -0.08	92.86 1.88 -1.45	97.93 1.98 -1.77	98.94 1.91 -1.66	92.59 1.69 -1.87	88.49 1.20 -1.84	93.73 0.91 -1.78	104.87 1.53 -1.56	114.71 2.21 -1.83	117.83 2.81 -2.61	120.85 2.99 -2.79	116.87 2.47 -2.21	116.19 2.36 -1.76	98.01 1.70 -2.16	110.24 1.71 -1.35	107.02 1.87 -1.52
NYISO_LBMP_REFERENCE 24008	61.11 0.00 0.00	65.86 0.00 0.00	69.10 0.00 0.00	68.12 0.00 0.00	68.25 0.00 0.00	71.16 0.00 0.00	82.20 0.00 0.00	74.82 0.00 0.00	90.87 0.00 0.00	89.53 0.00 0.00	94.17 0.00 0.00	95.37 0.00 0.00	89.03 0.00 0.00	85.45 0.00 0.00	91.04 0.00 0.00	101.79 0.00 0.00	110.66 0.00 0.00	112.41 0.00 0.00	115.07 0.00 0.00	112.19 0.00 0.00	112.07 0.00 0.00	94.15 0.00 0.00	107.18 0.00 0.00	103.64 0.00 0.00

NYPA_BRENTWD____GT 24164	122.55 6.11 -55.33	102.59 6.26 -30.47	95.32 6.49 -19.72	95.07 6.40 -20.54	93.70 6.35 -19.10	100.73 6.76 -22.81	142.98 7.81 -52.97	147.73 7.34 -65.58	148.01 9.54 -47.61	147.99 9.22 -49.24	148.05 9.98 -43.90	145.66 10.10 -40.18	145.44 9.35 -47.06	145.13 8.97 -50.70	147.92 9.75 -47.14	152.59 11.10 -39.71	165.24 12.28 -42.30	197.54 11.47 -73.66	218.02 11.16 -91.79	203.94 11.00 -80.75	185.37 10.42 -62.88	165.50 9.13 -62.22	150.94 11.68 -32.08	148.92 10.68 -34.61
NYPA_GOWANUS____GT5 24156	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NYPA_GOWANUS____GT6 24157	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.59 4.91 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.50 5.16 -39.52	114.82 7.18 -16.78	130.31 7.07 -33.71	142.89 8.19 -40.53	141.86 8.59 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.20 -40.76	146.59 9.16 -35.64	162.53 9.96 -41.91	349.13 10.56 -226.16	352.39 10.94 -226.38	337.78 10.44 -215.16	337.78 10.42 -215.29	152.47 8.95 -49.37	148.30 10.19 -30.93	146.96 8.71 -34.62
NYPA_HARLEM__RVR__GT1 24160	104.69 4.59 -39.00	101.09 4.74 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.06 4.71 -19.10	94.26 4.56 -18.54	105.67 4.68 -18.78	118.90 4.56 -39.52	114.09 6.45 -16.77	129.59 6.36 -33.70	142.43 7.72 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.86 7.26 -42.15	139.63 7.83 -40.76	145.97 8.55 -35.64	161.52 8.96 -41.90	181.28 9.32 -59.54	188.53 9.67 -63.79	172.08 9.31 -50.58	161.61 9.30 -40.24	151.90 8.38 -49.37	147.76 9.65 -30.93	146.96 8.71 -34.62
NYPA_HARLEM__RVR__GT2 24161	104.69 4.59 -39.00	101.09 4.74 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.06 4.71 -19.10	94.26 4.56 -18.54	105.67 4.68 -18.78	118.90 4.56 -39.52	114.09 6.45 -16.77	129.59 6.36 -33.70	142.43 7.72 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.86 7.26 -42.15	139.63 7.83 -40.76	145.97 8.55 -35.64	161.52 8.96 -41.90	181.28 9.32 -59.54	188.53 9.67 -63.79	172.08 9.31 -50.58	161.61 9.30 -40.24	151.90 8.38 -49.37	147.76 9.65 -30.93	146.96 8.71 -34.62
NYPA_KENT____GT 24152	104.75 4.64 -39.00	101.09 4.74 -30.49	93.74 4.91 -19.74	93.52 4.84 -20.55	91.93 4.57 -19.10	94.32 4.62 -18.54	106.17 5.18 -18.78	119.43 5.09 -39.52	114.74 7.09 -16.78	130.23 6.99 -33.71	142.80 8.10 -40.53	141.67 8.39 -37.90	139.70 7.84 -42.83	135.03 7.43 -42.15	139.82 8.01 -40.76	146.38 8.96 -35.64	162.31 9.74 -41.91	298.89 10.23 -176.25	370.74 10.58 -245.09	290.59 10.10 -168.30	350.03 10.20 -227.77	152.28 8.76 -49.37	148.08 9.97 -30.93	146.85 8.60 -34.62
NYPA_POUCH1____GT 24155	104.69 4.59 -39.00	101.02 4.68 -30.49	93.67 4.84 -19.74	93.44 4.77 -20.55	91.86 4.50 -19.10	94.26 4.56 -18.54	105.84 4.85 -18.78	119.20 4.86 -39.52	114.46 6.82 -16.78	129.96 6.72 -33.71	142.43 7.72 -40.53	141.37 8.10 -37.90	139.35 7.48 -42.83	134.69 7.09 -42.15	139.54 7.73 -40.76	146.07 8.65 -35.64	162.09 9.52 -41.91	348.69 10.12 -226.16	351.92 10.47 -226.38	337.33 9.98 -215.16	337.45 10.09 -215.29	152.09 8.57 -49.37	147.87 9.75 -30.93	146.55 8.29 -34.62
NYPA_VERNON____GT2 24162	104.63 4.52 -39.00	100.95 4.61 -30.49	93.60 4.76 -19.74	93.37 4.70 -20.55	91.86 4.50 -19.10	94.26 4.56 -18.54	106.09 5.10 -18.78	119.36 5.01 -39.52	114.55 6.90 -16.78	130.13 6.89 -33.71	142.62 7.91 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.27 8.85 -35.64	162.09 9.52 -41.91	181.96 10.00 -59.55	189.11 10.24 -63.80	172.65 9.88 -50.58	162.18 9.86 -40.24	152.00 8.48 -49.37	147.87 9.75 -30.93	146.65 8.39 -34.62
NYPA_VERNON____GT3 24163	104.63 4.52 -39.00	100.95 4.61 -30.49	93.60 4.76 -19.74	93.37 4.70 -20.55	91.86 4.50 -19.10	94.26 4.56 -18.54	106.09 5.10 -18.78	119.36 5.01 -39.52	114.55 6.90 -16.78	130.13 6.89 -33.71	142.62 7.91 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.27 8.85 -35.64	162.09 9.52 -41.91	181.96 10.00 -59.55	189.11 10.24 -63.80	172.65 9.88 -50.58	162.18 9.86 -40.24	152.00 8.48 -49.37	147.87 9.75 -30.93	146.65 8.39 -34.62
NYPA__ASTORIA_CC1 323568	104.63 4.52 -39.00	100.95 4.61 -30.49	93.60 4.76 -19.74	93.37 4.70 -20.55	91.86 4.50 -19.10	94.26 4.56 -18.54	106.00 5.02 -18.78	119.28 4.94 -39.52	114.55 6.90 -16.78	130.04 6.80 -33.71	142.62 7.91 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.27 8.85 -35.64	161.97 9.40 -41.91	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.06 9.75 -40.24	152.00 8.48 -49.37	147.87 9.75 -30.93	146.76 8.50 -34.62
NYPA__ASTORIA_CC2 323569	104.63 4.52 -39.00	100.95 4.61 -30.49	93.60 4.76 -19.74	93.37 4.70 -20.55	91.86 4.50 -19.10	94.26 4.56 -18.54	106.00 5.02 -18.78	119.28 4.94 -39.52	114.55 6.90 -16.78	130.04 6.80 -33.71	142.62 7.91 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.27 8.85 -35.64	161.97 9.40 -41.91	181.85 9.89 -59.55	189.11 10.24 -63.80	172.53 9.76 -50.58	162.06 9.75 -40.24	152.00 8.48 -49.37	147.87 9.75 -30.93	146.76 8.50 -34.62
NYPA__HOLTSVILL 23794	122.05 5.62 -55.33	102.13 5.80 -30.47	94.77 5.94 -19.72	94.59 5.92 -20.54	93.15 5.80 -19.10	100.09 6.12 -22.81	142.24 7.07 -52.97	147.13 6.74 -65.58	147.20 8.72 -47.61	147.28 8.51 -49.24	147.20 9.13 -43.90	144.81 9.25 -40.18	144.64 8.55 -47.06	144.36 8.20 -50.70	147.10 8.93 -47.14	151.77 10.28 -39.71	164.25 11.29 -42.30	197.87 11.69 -73.77	228.16 11.51 -101.58	229.51 11.22 -106.10	185.85 10.87 -62.91	228.07 9.51 -124.42	150.54 11.25 -32.11	148.23 9.95 -34.65
NYPA__HELLGATE_GT1 24158	104.69 4.59 -39.00	101.09 4.74 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.06 4.71 -19.10	94.26 4.56 -18.54	105.67 4.68 -18.78	118.90 4.56 -39.52	114.09 6.45 -16.77	129.59 6.36 -33.70	142.43 7.72 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.86 7.26 -42.15	139.63 7.83 -40.76	145.97 8.55 -35.64	161.52 8.96 -41.90	181.28 9.32 -59.54	188.53 9.67 -63.79	172.08 9.31 -50.58	161.61 9.30 -40.24	151.90 8.38 -49.37	147.76 9.65 -30.93	146.96 8.71 -34.62
NYPA__HELLGATE_GT2 24159	104.69 4.59 -39.00	101.09 4.74 -30.49	93.88 5.04 -19.74	93.65 4.97 -20.55	92.06 4.71 -19.10	94.26 4.56 -18.54	105.67 4.68 -18.78	118.90 4.56 -39.52	114.09 6.45 -16.77	129.59 6.36 -33.70	142.43 7.72 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.86 7.26 -42.15	139.63 7.83 -40.76	145.97 8.55 -35.64	161.52 8.96 -41.90	181.28 9.32 -59.54	188.53 9.67 -63.79	172.08 9.31 -50.58	161.61 9.30 -40.24	151.90 8.38 -49.37	147.76 9.65 -30.93	146.96 8.71 -34.62
NYS_BARGE__HYD 23848	63.07 -4.70 -6.66	64.87 -6.19 -5.21	65.56 -6.91 -3.37	64.89 -6.75 -3.51	64.90 -6.62 -3.27	67.36 -6.97 -3.17	77.44 -7.97 -3.21	70.27 -7.85 -3.31	81.97 -11.81 -2.92	81.84 -10.56 -2.88	85.98 -11.59 -3.39	86.59 -11.92 -3.14	81.49 -11.13 -3.59	78.98 -10.00 -3.53	84.35 -10.11 -3.41	92.55 -12.22 -2.99	99.86 -14.27 -3.48	103.27 -14.05 -4.92	106.41 -13.93 -5.27	99.50 -14.81 -2.13	97.70 -14.80 -0.43	85.92 -12.33 -4.10	97.02 -12.76 -2.59	97.02 -9.53 -2.91

OAK ORCHARD___HYD 24046	64.76 -2.02 -5.66	67.32 -2.96 -4.43	68.58 -3.38 -2.87	67.84 -3.27 -2.99	67.89 -3.14 -2.78	70.58 -3.27 -2.69	81.56 -3.37 -2.73	74.10 -4.11 -3.40	87.06 -6.27 -2.46	86.46 -6.00 -2.94	90.97 -6.68 -3.48	91.65 -6.96 -3.24	86.13 -6.59 -3.68	83.18 -5.90 -3.62	88.72 -5.83 -3.50	97.63 -7.22 -3.07	105.83 -8.41 -3.58	109.72 -7.75 -5.06	113.02 -7.48 -5.42	106.66 -8.42 -2.89	104.97 -8.52 -1.42	91.21 -7.16 -4.22	102.12 -7.72 -2.66	101.23 -5.39 -2.99
OAKDALE___35_KV_LOAD 356122	73.64 -0.49 -13.02	75.18 -0.86 -10.18	74.58 -1.11 -6.59	73.97 -1.02 -6.86	73.61 -1.02 -6.38	76.28 -1.07 -6.19	87.49 -0.99 -6.27	84.59 -0.90 -10.67	96.32 -1.00 -6.45	97.62 -1.07 -9.17	103.99 -1.13 -10.95	104.44 -1.14 -10.21	99.44 -1.16 -11.57	95.72 -1.11 -11.38	100.86 -1.18 -11.01	110.39 -1.02 -9.63	121.18 -0.77 -11.29	129.35 -0.34 -17.28	133.47 -0.12 -18.51	125.08 -0.79 -13.68	121.55 -0.78 -10.27	106.61 -0.85 -13.30	114.46 -1.07 -8.36	111.89 -1.14 -9.39
OCC_CHEM___DRP 24175	62.78 -5.13 -6.80	64.79 -6.39 -5.32	65.49 -7.05 -3.44	64.83 -6.88 -3.58	64.76 -6.83 -3.33	67.06 -7.33 -3.24	76.60 -8.88 -3.28	68.48 -9.65 -3.32	80.58 -13.27 -2.98	79.79 -12.62 -2.89	83.82 -13.75 -3.40	84.41 -14.12 -3.15	79.45 -13.18 -3.59	77.02 -11.96 -3.53	82.26 -12.20 -3.42	90.22 -14.56 -2.99	97.43 -16.71 -3.48	101.03 -16.30 -4.92	105.15 -15.19 -5.27	96.97 -17.28 -2.06	95.36 -17.03 -0.33	84.60 -13.65 -4.10	94.45 -15.33 -2.60	94.64 -11.92 -2.92
OH_GEN_PROXY 24063	63.14 -4.70 -6.73	65.00 -6.12 -5.27	65.67 -6.84 -3.41	65.00 -6.67 -3.55	65.00 -6.55 -3.30	67.31 -7.05 -3.20	77.48 -7.97 -3.24	69.44 -8.75 -3.37	81.82 -12.00 -2.95	81.00 -11.46 -2.93	85.20 -12.43 -3.46	85.80 -12.78 -3.20	80.67 -12.02 -3.65	78.19 -10.85 -3.60	83.50 -11.02 -3.48	91.70 -13.13 -3.04	99.16 -15.05 -3.54	102.47 -14.95 -5.01	105.48 -14.96 -5.36	98.63 -15.71 -2.15	96.80 -15.69 -0.42	85.33 -12.99 -4.17	96.00 -13.83 -2.65	95.83 -10.78 -2.98
OLIN_CORP_DRP 24177	62.28 -5.68 -6.85	64.23 -6.98 -5.36	64.90 -7.67 -3.47	64.31 -7.43 -3.61	64.24 -7.37 -3.36	66.59 -7.83 -3.26	76.46 -9.04 -3.30	69.45 -8.68 -3.31	80.69 -13.18 -3.00	80.86 -11.55 -2.88	84.85 -12.71 -3.39	85.35 -13.16 -3.14	80.33 -12.29 -3.59	78.04 -10.94 -3.53	83.44 -11.02 -3.41	91.33 -13.44 -2.99	98.42 -15.71 -3.48	101.59 -15.74 -4.92	105.26 -15.07 -5.27	97.73 -16.49 -2.03	95.89 -16.47 -0.29	84.59 -13.65 -4.10	95.73 -14.04 -2.59	96.08 -10.47 -2.91
OLIN_CORP_DSASP 323712	63.02 -4.89 -6.80	64.85 -6.32 -5.32	65.43 -7.12 -3.44	64.83 -6.88 -3.58	64.76 -6.82 -3.33	67.06 -7.33 -3.24	76.60 -8.88 -3.28	68.48 -9.65 -3.32	80.58 -13.27 -2.98	79.79 -12.62 -2.89	83.82 -13.75 -3.40	84.41 -14.11 -3.15	79.45 -13.18 -3.59	77.02 -11.96 -3.53	82.26 -12.20 -3.42	90.32 -14.45 -2.99	97.43 -16.71 -3.48	101.03 -16.30 -4.92	104.12 -16.22 -5.27	96.97 -17.27 -2.06	95.25 -17.14 -0.33	84.78 -13.47 -4.10	94.56 -15.22 -2.60	94.74 -11.82 -2.92
ONEIDA_HERK_LFGE 323681	64.50 1.95 -1.43	68.95 1.97 -1.12	71.83 2.01 -0.73	70.92 2.04 -0.76	71.00 2.05 -0.70	74.05 2.21 -0.68	85.36 2.46 -0.69	79.04 2.77 -1.45	93.75 2.82 -0.06	93.52 2.78 -1.22	98.48 2.82 -1.48	99.62 2.86 -1.39	93.19 2.58 -1.57	89.21 2.22 -1.54	94.72 2.18 -1.49	105.94 2.85 -1.31	115.63 3.43 -1.54	118.52 3.93 -2.18	121.67 4.26 -2.34	117.74 3.70 -1.85	117.13 3.59 -1.47	98.78 2.82 -1.81	111.31 3.00 -1.13	107.92 3.01 -1.27
ONEIDA___115KV_TB4 55905	65.75 1.96 -2.68	69.87 1.91 -2.10	72.39 1.93 -1.36	71.51 1.98 -1.41	71.61 2.05 -1.31	74.71 2.28 -1.28	86.21 2.71 -1.29	80.22 2.69 -2.71	94.08 3.09 -0.12	94.66 2.86 -2.27	99.87 2.92 -2.78	100.83 2.86 -2.60	94.64 2.67 -2.93	90.82 2.48 -2.89	96.29 2.46 -2.79	107.38 3.16 -2.44	117.30 3.76 -2.87	120.76 4.27 -4.08	124.16 4.72 -4.37	119.69 4.04 -3.47	118.75 3.92 -2.76	100.54 3.01 -3.38	112.62 3.32 -2.12	109.23 3.21 -2.38
ONONDAGA_REF_OCCRA 23987	65.66 -0.55 -5.10	68.86 -0.99 -3.99	70.51 -1.17 -2.58	69.66 -1.16 -2.69	69.66 -1.09 -2.50	72.52 -1.07 -2.43	83.59 -1.07 -2.46	80.13 -0.97 -6.29	91.83 -1.36 -2.32	93.44 -1.43 -5.35	99.11 -1.51 -6.45	99.79 -1.62 -6.04	94.33 -1.51 -6.81	90.70 -1.45 -6.70	96.07 -1.46 -6.48	105.93 -1.53 -5.67	115.79 -1.55 -6.68	120.98 -1.01 -9.58	124.77 -0.58 -10.27	119.71 -1.35 -8.87	118.11 -1.46 -7.50	100.60 -1.41 -7.86	110.38 -1.71 -4.92	107.61 -1.55 -5.53
ONONDAGA___COGEN 23986	65.65 -0.31 -4.84	68.92 -0.72 -3.79	70.65 -0.90 -2.45	69.79 -0.89 -2.55	69.81 -0.82 -2.37	72.68 -0.78 -2.30	83.80 -0.74 -2.33	79.03 -0.67 -4.89	91.93 -1.09 -2.15	92.62 -1.07 -4.17	98.06 -1.13 -5.01	98.82 -1.24 -4.69	93.17 -1.16 -5.30	89.55 -1.11 -5.21	94.99 -1.09 -5.04	105.07 -1.12 -4.41	114.63 -1.22 -5.18	119.21 -0.56 -7.36	122.85 -0.12 -7.89	117.55 -0.90 -6.26	116.04 -1.01 -4.98	99.22 -1.04 -6.11	109.72 -1.29 -3.82	106.79 -1.14 -4.30
ONTARIO___LFGE 23819	67.03 -0.55 -6.47	69.34 -1.58 -5.06	70.44 -1.93 -3.27	69.70 -1.84 -3.41	69.72 -1.70 -3.17	72.60 -1.63 -3.08	83.93 -1.40 -3.12	75.03 -1.34 -1.55	91.28 -2.36 -2.77	88.60 -2.33 -1.40	92.85 -2.92 -1.59	93.76 -3.06 -1.45	87.95 -2.76 -1.68	84.46 -2.65 -1.66	89.91 -2.73 -1.60	99.93 -3.26 -1.41	108.72 -3.55 -1.60	111.92 -2.58 -2.09	115.24 -2.07 -2.24	108.08 -2.80 1.31	106.21 -2.91 2.94	93.40 -2.64 -1.88	105.08 -3.32 -1.22	102.22 -2.79 -1.38
ORANGEVILLE_WT_PWR 323706	64.62 -4.46 -7.97	66.29 -5.80 -6.23	66.71 -6.42 -4.03	66.06 -6.27 -4.20	66.02 -6.14 -3.91	68.47 -6.47 -3.79	78.81 -7.23 -3.84	70.35 -7.11 -2.64	85.00 -9.36 -3.49	82.73 -9.13 -2.34	86.80 -10.08 -2.70	87.55 -10.30 -2.48	82.45 -9.44 -2.85	79.37 -8.89 -2.81	84.47 -9.29 -2.72	93.58 -10.59 -2.38	102.12 -11.29 -2.74	105.44 -10.79 -3.82	108.46 -10.70 -4.09	100.83 -11.33 0.03	98.71 -11.31 2.04	87.59 -9.79 -3.23	98.53 -10.72 -2.07	96.53 -9.43 -2.33
ORANGEVILLE___ESR 323794	64.62 -4.46 -7.97	66.29 -5.80 -6.23	66.71 -6.42 -4.03	66.06 -6.27 -4.20	66.02 -6.14 -3.91	68.47 -6.47 -3.79	78.81 -7.23 -3.84	70.35 -7.11 -2.64	85.00 -9.36 -3.49	82.73 -9.13 -2.34	86.80 -10.08 -2.70	87.55 -10.30 -2.48	82.45 -9.44 -2.85	79.37 -8.89 -2.81	84.47 -9.29 -2.72	93.58 -10.59 -2.38	102.12 -11.29 -2.74	105.44 -10.79 -3.82	108.46 -10.70 -4.09	100.83 -11.33 0.03	98.71 -11.31 2.04	87.59 -9.79 -3.23	98.53 -10.72 -2.07	96.53 -9.43 -2.33
OSWEGATCHIE___HYD 24044	62.82 0.43 -1.28	67.45 0.59 -1.00	70.37 0.62 -0.65	69.48 0.68 -0.67	69.36 0.48 -0.63	72.33 0.57 -0.61	83.15 0.33 -0.62	77.08 0.97 -1.29	91.20 0.27 -0.06	90.79 0.18 -1.09	95.78 0.28 -1.33	96.80 0.19 -1.24	90.52 0.09 -1.40	86.49 -0.34 -1.38	91.46 -0.91 -1.33	102.13 -0.82 -1.17	111.26 -0.77 -1.37	113.91 -0.45 -1.95	116.59 -0.57 -2.09	113.40 -0.45 -1.65	112.83 -0.56 -1.32	95.30 -0.47 -1.61	107.66 -0.53 -1.01	104.88 0.10 -1.14
OSWEGO___5 23606	62.91 -1.71 -3.51	66.43 -2.17 -2.75	68.46 -2.42 -1.78	67.66 -2.32 -1.85	67.65 -2.32 -1.72	70.48 -2.35 -1.67	81.26 -2.63 -1.69	75.82 -2.54 -3.55	87.76 -3.27 -0.16	89.29 -3.22 -2.98	94.33 -3.48 -3.64	95.25 -3.53 -3.40	89.49 -3.38 -3.84	86.07 -3.16 -3.78	91.42 -3.27 -3.66	101.32 -3.66 -3.20	110.33 -4.09 -3.76	113.93 -3.82 -5.34	117.11 -3.69 -5.73	112.69 -4.03 -4.54	111.65 -4.03 -3.61	95.10 -3.48 -4.43	105.99 -3.96 -2.78	103.23 -3.52 -3.12

OSWEGO___6 23613	62.91 -1.71 -3.51	66.43 -2.17 -2.75	68.46 -2.42 -1.78	67.66 -2.32 -1.85	67.65 -2.32 -1.72	70.48 -2.35 -1.67	81.26 -2.63 -1.69	75.82 -2.54 -3.55	87.76 -3.27 -0.16	89.29 -3.22 -2.98	94.33 -3.48 -3.64	95.25 -3.53 -3.40	89.49 -3.38 -3.84	86.07 -3.16 -3.78	91.42 -3.27 -3.66	101.32 -3.66 -3.20	110.33 -4.09 -3.76	113.93 -3.82 -5.34	117.11 -3.69 -5.73	112.69 -4.03 -4.54	111.65 -4.03 -3.61	95.10 -3.48 -4.43	105.99 -3.96 -2.78	103.23 -3.52 -3.12
OUTOKUMPU-AB___DRP 24206	63.44 -4.58 -6.91	65.47 -5.80 -5.40	66.10 -6.50 -3.50	65.50 -6.27 -3.64	65.50 -6.14 -3.39	67.90 -6.55 -3.29	77.89 -7.65 -3.33	70.25 -7.86 -3.29	82.90 -11.00 -3.03	82.18 -10.21 -2.86	86.34 -11.21 -3.37	87.05 -11.44 -3.12	81.91 -10.68 -3.56	79.30 -9.66 -3.51	84.51 -9.92 -3.39	93.05 -11.71 -2.97	100.72 -13.39 -3.45	104.25 -13.04 -4.88	108.10 -12.20 -5.23	100.33 -13.80 -1.94	98.46 -13.78 -0.18	86.82 -11.39 -4.07	97.33 -12.43 -2.58	96.89 -9.64 -2.90
OXBOW___BTM 323836	63.26 -4.70 -6.86	65.03 -6.19 -5.36	65.66 -6.91 -3.47	64.99 -6.75 -3.61	64.99 -6.62 -3.36	67.30 -7.12 -3.26	77.12 -8.39 -3.30	69.22 -8.90 -3.30	81.51 -12.36 -3.00	80.85 -11.55 -2.88	84.94 -12.62 -3.39	85.54 -12.97 -3.13	80.59 -12.02 -3.58	78.03 -10.94 -3.52	83.24 -11.20 -3.40	91.43 -13.33 -2.98	98.86 -15.27 -3.47	102.47 -14.84 -4.90	105.59 -14.73 -5.25	98.48 -15.71 -2.00	96.63 -15.69 -0.25	85.62 -12.61 -4.08	95.73 -14.04 -2.59	95.56 -10.99 -2.91
OXBOW____ 24026	62.96 -5.01 -6.86	64.96 -6.26 -5.36	65.66 -6.91 -3.47	64.99 -6.74 -3.61	64.99 -6.62 -3.36	67.30 -7.12 -3.26	77.12 -8.38 -3.30	69.22 -8.90 -3.30	81.51 -12.36 -3.00	80.85 -11.55 -2.88	84.94 -12.62 -3.39	85.54 -12.97 -3.13	80.59 -12.02 -3.58	78.03 -10.94 -3.52	83.25 -11.20 -3.40	91.43 -13.33 -2.98	98.86 -15.27 -3.47	102.47 -14.84 -4.90	106.40 -13.92 -5.25	98.48 -15.71 -2.00	96.74 -15.58 -0.25	85.52 -12.71 -4.08	95.73 -14.04 -2.59	95.56 -10.99 -2.91
OXY_CHEM_DSASP 323612	62.78 -5.13 -6.80	64.79 -6.39 -5.32	65.49 -7.05 -3.44	64.83 -6.88 -3.58	64.76 -6.83 -3.33	67.06 -7.33 -3.24	76.60 -8.88 -3.28	68.48 -9.65 -3.32	80.58 -13.27 -2.98	79.79 -12.62 -2.89	83.82 -13.75 -3.40	84.41 -14.12 -3.15	79.45 -13.18 -3.59	77.02 -11.96 -3.53	82.26 -12.20 -3.42	90.22 -14.56 -2.99	97.43 -16.71 -3.48	101.03 -16.30 -4.92	105.15 -15.19 -5.27	96.97 -17.28 -2.06	95.36 -17.03 -0.33	84.60 -13.65 -4.10	94.45 -15.33 -2.60	94.64 -11.92 -2.92
OZONE_PARK_ESR 323760	104.68 4.58 -38.99	101.14 4.81 -30.48	93.73 4.91 -19.73	93.51 4.84 -20.54	92.00 4.64 -19.10	94.61 4.91 -18.54	106.66 5.67 -18.78	119.88 5.54 -39.52	115.09 7.45 -16.77	130.67 7.43 -33.71	143.08 8.38 -40.53	141.95 8.68 -37.90	139.88 8.01 -42.83	135.29 7.69 -42.14	140.09 8.28 -40.76	146.68 9.26 -35.63	162.75 10.18 -41.90	182.64 10.68 -59.55	189.91 11.05 -63.80	173.32 10.55 -50.58	162.84 10.53 -40.24	152.46 8.94 -49.36	148.39 10.29 -30.92	147.06 8.81 -34.61
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	62.78 -5.13 -6.80	64.79 -6.39 -5.32	65.49 -7.05 -3.44	64.83 -6.88 -3.58	64.76 -6.83 -3.33	67.06 -7.33 -3.24	76.60 -8.88 -3.28	68.48 -9.65 -3.32	80.58 -13.27 -2.98	79.79 -12.62 -2.89	83.82 -13.75 -3.40	84.41 -14.12 -3.15	79.45 -13.18 -3.59	77.02 -11.96 -3.53	82.26 -12.20 -3.42	90.22 -14.56 -2.99	97.43 -16.71 -3.48	101.03 -16.30 -4.92	105.15 -15.19 -5.27	96.97 -17.28 -2.06	95.36 -17.03 -0.33	84.60 -13.65 -4.10	94.45 -15.33 -2.60	94.64 -11.92 -2.92
PACKARD___115KV_DUPONT_184 80571	62.78 -5.13 -6.80	64.79 -6.39 -5.32	65.49 -7.05 -3.44	64.83 -6.88 -3.58	64.76 -6.83 -3.33	67.06 -7.33 -3.24	76.60 -8.88 -3.28	68.48 -9.65 -3.32	80.58 -13.27 -2.98	79.79 -12.62 -2.89	83.82 -13.75 -3.40	84.41 -14.12 -3.15	79.45 -13.18 -3.59	77.02 -11.96 -3.53	82.26 -12.20 -3.42	90.22 -14.56 -2.99	97.43 -16.71 -3.48	101.03 -16.30 -4.92	105.15 -15.19 -5.27	96.97 -17.28 -2.06	95.36 -17.03 -0.33	84.60 -13.65 -4.10	94.45 -15.33 -2.60	94.64 -11.92 -2.92
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	104.63 4.52 -39.00	101.09 4.74 -30.49	93.74 4.91 -19.74	93.51 4.84 -20.55	92.00 4.64 -19.10	94.18 4.48 -18.54	105.68 4.69 -18.78	118.98 4.64 -39.52	114.19 6.54 -16.78	129.68 6.45 -33.71	142.33 7.63 -40.53	141.38 8.11 -37.90	139.35 7.48 -42.83	134.69 7.09 -42.15	139.54 7.74 -40.76	145.87 8.45 -35.64	161.53 8.96 -41.91	181.40 9.44 -59.55	188.65 9.78 -63.80	172.09 9.31 -50.58	161.73 9.41 -40.24	151.80 8.29 -49.37	147.65 9.54 -30.93	146.75 8.50 -34.62
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	105.18 5.07 -39.00	101.61 5.27 -30.49	94.36 5.53 -19.74	94.13 5.45 -20.55	92.54 5.19 -19.10	94.75 5.05 -18.54	106.33 5.34 -18.78	119.51 5.16 -39.52	114.82 7.18 -16.78	130.22 6.98 -33.71	142.90 8.19 -40.53	141.95 8.68 -37.90	139.88 8.01 -42.83	135.21 7.61 -42.15	140.09 8.28 -40.76	146.48 9.06 -35.64	162.31 9.74 -41.91	182.08 10.12 -59.55	189.46 10.59 -63.80	172.87 10.10 -50.58	162.40 10.09 -40.24	152.37 8.85 -49.37	148.40 10.29 -30.93	147.48 9.22 -34.62
PATROON___115KV_TB1 80586	112.26 2.87 -48.28	106.56 2.96 -37.74	96.64 3.11 -24.43	96.63 3.07 -25.44	95.05 3.14 -23.66	97.32 3.20 -22.96	109.16 3.70 -23.26	126.67 3.14 -48.71	143.61 3.91 -48.83	135.98 3.94 -42.51	148.18 4.05 -49.95	146.18 4.10 -46.71	145.65 3.83 -52.79	141.07 3.67 -51.94	145.19 3.91 -50.24	149.57 3.87 -43.92	166.29 4.37 -51.65	189.96 4.16 -73.39	197.96 4.26 -78.63	178.68 4.15 -62.34	165.70 4.03 -49.60	158.38 3.39 -60.84	149.26 3.97 -38.12	150.64 4.15 -42.86
PATTRSNVILLE___SOLAR 323815	114.96 2.99 -50.86	108.65 3.03 -39.76	98.01 3.18 -25.73	98.13 3.20 -26.80	96.45 3.28 -24.92	98.76 3.42 -24.19	110.74 4.03 -24.50	129.88 3.74 -51.32	166.79 4.63 -71.29	139.38 4.39 -45.47	151.41 4.61 -52.62	149.06 4.48 -49.21	149.01 4.36 -55.61	144.36 4.19 -54.72	148.34 4.37 -52.93	153.14 5.09 -46.27	170.93 5.86 -54.41	196.13 6.40 -77.32	204.46 6.56 -82.84	184.37 6.50 -65.68	170.59 6.27 -52.25	163.42 5.17 -64.10	153.12 5.78 -40.15	154.07 5.28 -45.15
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	62.99 -5.56 -7.44	64.83 -6.85 -5.82	65.33 -7.53 -3.77	64.76 -7.29 -3.92	64.73 -7.17 -3.65	67.08 -7.61 -3.54	77.24 -8.55 -3.59	70.47 -7.63 -3.29	85.96 -8.18 -3.27	83.98 -8.42 -2.87	89.16 -8.38 -3.37	90.48 -8.01 -3.11	84.85 -7.75 -3.56	81.10 -7.86 -3.50	85.78 -8.65 -3.39	96.20 -8.55 -2.97	105.92 -8.19 -3.44	109.41 -7.87 -4.87	112.12 -8.17 -5.22	105.28 -8.53 -1.61	103.28 -8.52 0.27	90.21 -8.00 -4.06	100.75 -9.00 -2.58	96.58 -9.95 -2.90
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	105.11 4.40 -39.60	101.56 4.74 -30.96	93.98 4.84 -20.04	93.76 4.77 -20.87	92.30 4.64 -19.41	94.98 4.98 -18.84	107.12 5.84 -19.08	120.37 5.61 -39.94	115.53 7.54 -17.12	131.03 7.43 -34.07	143.13 8.00 -40.95	141.87 8.20 -38.29	139.88 7.57 -43.28	135.30 7.26 -42.59	140.06 7.83 -41.19	146.75 8.96 -36.01	162.85 9.85 -42.34	182.92 10.34 -60.17	190.35 10.82 -64.46	173.62 10.32 -51.11	163.04 10.31 -40.66	152.41 8.38 -49.88	147.97 9.54 -31.25	147.09 8.29 -35.16
PEEKSKILL____ 23653	103.42 3.67 -38.65	99.82 3.75 -30.21	92.52 3.87 -19.56	92.30 3.81 -20.37	90.87 3.68 -18.94	93.45 3.91 -18.38	105.34 4.52 -18.62	118.35 4.41 -39.12	113.49 6.00 -16.63	128.80 5.91 -33.37	140.88 6.59 -40.11	139.65 6.77 -37.51	137.75 6.32 -42.39	133.24 6.07 -41.71	137.85 6.46 -40.35	144.39 7.33 -35.27	160.11 7.97 -41.47	179.78 8.43 -58.94	186.96 8.74 -63.14	170.56 8.30 -50.06	160.19 8.29 -39.83	149.98 6.97 -48.86	145.61 7.82 -30.61	144.68 6.73 -34.31

PGE MADISON___WINDPWR 24146	77.63 3.91 -12.61	79.40 3.69 -9.86	79.07 3.59 -6.38	78.58 3.81 -6.65	78.32 3.89 -6.18	81.35 4.20 -6.00	93.46 5.18 -6.08	99.02 5.39 -18.81	105.03 6.18 -7.98	111.30 5.73 -16.04	119.21 5.75 -19.30	119.48 6.01 -18.10	114.77 5.34 -20.39	110.30 4.78 -20.07	115.00 4.55 -19.41	124.95 6.21 -16.96	138.86 8.19 -20.01	151.74 10.00 -29.33	157.43 10.94 -31.42	150.68 9.53 -28.96	146.89 9.30 -25.53	124.87 7.15 -23.57	129.71 7.82 -14.71	127.42 7.25 -16.54
PIERCEFIELD___HYD 23852	61.13 -0.67 -0.70	66.14 -0.26 -0.54	69.31 -0.14 -0.35	68.29 -0.20 -0.37	68.18 -0.41 -0.34	71.06 -0.43 -0.33	81.72 -0.82 -0.34	75.07 -0.45 -0.70	89.81 -1.09 -0.03	88.95 -1.16 -0.59	93.76 -1.13 -0.72	94.71 -1.34 -0.67	88.64 -1.16 -0.76	84.58 -1.62 -0.75	89.31 -2.46 -0.73	99.47 -2.95 -0.63	107.98 -3.43 -0.75	109.65 -3.82 -1.06	111.37 -4.83 -1.14	109.72 -3.37 -0.90	109.42 -3.36 -0.72	92.58 -2.45 -0.88	105.16 -2.57 -0.55	102.70 -1.55 -0.62
PINELAWN_CC_1 323563	121.87 5.44 -55.33	101.86 5.53 -30.47	94.55 5.73 -19.72	94.32 5.65 -20.54	92.95 5.60 -19.10	99.94 5.98 -22.81	142.08 6.91 -52.97	146.98 6.59 -65.58	147.11 8.64 -47.61	147.18 8.41 -49.24	147.31 9.23 -43.90	145.00 9.44 -40.18	144.82 8.73 -47.06	144.54 8.38 -50.70	147.28 9.10 -47.14	151.88 10.39 -39.71	164.25 11.29 -42.30	197.64 11.58 -73.65	217.99 11.74 -91.17	202.66 11.33 -79.14	186.04 11.10 -62.88	161.93 9.51 -58.28	150.30 11.04 -32.07	147.98 9.74 -34.61
PJM_GEN_HTP_PROXY 323702	104.19 4.09 -38.98	100.55 4.22 -30.48	93.18 4.36 -19.73	92.96 4.29 -20.54	91.52 4.16 -19.10	94.04 4.34 -18.54	106.00 5.02 -18.78	119.20 4.86 -39.52	114.37 6.72 -16.77	129.86 6.62 -33.71	142.23 7.54 -40.52	140.99 7.72 -37.89	139.07 7.21 -42.83	134.43 6.84 -42.14	139.17 7.37 -40.76	145.76 8.35 -35.63	161.64 9.08 -41.90	181.39 9.44 -59.54	188.63 9.78 -63.79	172.07 9.31 -50.58	161.60 9.30 -40.24	151.42 7.91 -49.36	147.11 9.00 -30.92	145.91 7.67 -34.61
PJM_GEN_KEystone 24065	58.40 -0.49 2.22	57.40 -1.06 7.40	56.70 -1.24 11.16	57.70 -1.22 9.20	60.77 -1.23 6.26	64.70 -1.35 5.10	76.74 -1.40 4.07	87.11 -1.42 -13.72	82.22 -1.36 7.29	77.67 -1.34 10.52	75.85 -1.23 17.10	75.00 -1.14 19.23	70.92 -1.16 16.95	68.40 -1.11 15.94	65.11 -1.09 24.84	64.30 -1.02 36.47	74.14 -1.00 35.52	89.50 -0.67 22.24	95.65 -0.57 18.85	87.58 -1.01 23.60	81.98 -1.01 29.08	80.72 -1.03 12.40	73.78 -1.07 32.33	71.01 -1.24 31.39
PJM_GEN_NEPTUNE_PROXY 323594	113.54 4.64 -47.79	101.07 4.74 -30.47	93.66 4.84 -19.72	93.43 4.77 -20.54	92.06 4.71 -19.10	96.98 4.98 -20.84	125.16 5.75 -37.20	133.83 5.46 -53.56	131.61 7.36 -33.39	138.85 7.25 -42.08	144.51 8.00 -42.34	142.79 8.29 -39.12	141.79 7.66 -45.10	139.55 7.35 -46.75	143.15 7.92 -44.19	148.46 8.85 -37.82	162.39 9.62 -42.11	189.55 10.00 -67.14	203.71 10.36 -78.28	187.36 9.88 -65.29	174.36 9.86 -52.43	155.14 8.48 -52.51	148.25 9.54 -31.54	146.53 8.29 -34.60
PJM_GEN_VFT_PROXY 323633	103.82 3.73 -38.99	100.15 3.82 -30.48	92.83 4.01 -19.73	92.62 3.95 -20.54	91.11 3.75 -19.10	93.68 3.98 -18.54	105.42 4.44 -18.78	118.75 4.41 -39.51	113.82 6.18 -16.77	119.43 6.09 -23.81	121.30 6.97 -20.16	121.30 7.24 -18.68	121.30 6.68 -25.59	121.30 6.41 -29.44	121.30 6.92 -23.34	121.30 7.73 -11.78	121.30 8.41 -2.23	114.04 8.77 7.15	97.50 9.09 26.66	117.70 8.64 3.13	121.30 8.63 -0.60	121.30 7.44 -19.71	125.06 8.47 -9.41	121.45 7.15 -10.67
PLATSBURG_115KV_PMLD1 355749	59.82 -1.28 0.00	64.80 -1.05 0.00	67.86 -1.24 0.00	66.76 -1.36 0.00	66.82 -1.43 0.00	69.59 -1.57 0.00	79.49 -2.71 0.00	72.57 -2.24 0.00	87.69 -3.18 0.00	86.39 -3.13 0.00	90.97 -3.20 0.00	92.04 -3.34 0.00	86.01 -3.03 0.00	82.46 -2.99 0.00	87.67 -3.37 0.00	98.02 -3.77 0.00	106.57 -4.09 0.00	107.80 -4.61 0.00	109.89 -5.18 0.00	107.93 -4.26 0.00	107.81 -4.26 0.00	90.76 -3.39 0.00	103.11 -4.07 0.00	100.84 -2.80 0.00
PLEASANTVLY___LBMP 24000	105.41 3.48 -40.82	101.46 3.69 -31.91	93.56 3.80 -20.66	93.38 3.75 -21.51	91.87 3.62 -20.00	94.42 3.84 -19.42	106.31 4.44 -19.67	120.19 4.19 -41.18	114.20 5.72 -17.60	130.30 5.64 -35.13	142.53 6.12 -42.23	141.15 6.29 -39.49	139.54 5.88 -44.63	135.01 5.64 -43.91	139.52 6.01 -42.47	145.74 6.82 -37.13	161.74 7.41 -43.66	182.21 7.76 -62.05	189.60 8.06 -66.47	172.52 7.63 -52.70	161.51 7.51 -41.93	151.89 6.31 -51.43	146.58 7.18 -32.22	146.09 6.22 -36.24
PLSNTVLE_13_KV_13.8KVDIST 80602	104.43 3.97 -39.35	100.70 4.08 -30.76	93.16 4.15 -19.91	92.95 4.09 -20.74	91.56 4.03 -19.28	94.07 4.20 -18.72	106.10 4.93 -18.96	119.34 4.71 -39.81	114.15 6.36 -16.92	129.75 6.27 -33.96	141.97 6.97 -40.82	140.70 7.15 -38.17	138.85 6.68 -43.14	134.23 6.32 -42.45	138.93 6.83 -41.06	145.41 7.74 -35.89	161.28 8.41 -42.21	181.16 8.77 -59.98	188.54 9.21 -64.26	171.89 8.75 -50.95	161.34 8.74 -40.53	151.50 7.63 -49.72	146.69 8.36 -31.15	145.72 7.15 -34.93
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	104.43 3.97 -39.35	100.70 4.08 -30.76	93.16 4.15 -19.91	92.95 4.09 -20.74	91.56 4.03 -19.28	94.07 4.20 -18.72	106.10 4.93 -18.96	119.34 4.71 -39.81	114.15 6.36 -16.92	129.75 6.27 -33.96	141.97 6.97 -40.82	140.70 7.15 -38.17	138.85 6.68 -43.14	134.23 6.32 -42.45	138.93 6.83 -41.06	145.41 7.74 -35.89	161.28 8.41 -42.21	181.16 8.77 -59.98	188.54 9.21 -64.26	171.89 8.75 -50.95	161.34 8.74 -40.53	151.50 7.63 -49.72	146.69 8.36 -31.15	145.72 7.15 -34.93
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	104.99 3.85 -40.03	101.30 4.15 -31.30	93.57 4.22 -20.26	93.38 4.16 -21.10	91.96 4.10 -19.62	94.47 4.27 -19.04	106.59 5.10 -19.29	119.99 4.79 -40.38	115.02 6.45 -17.70	130.44 6.45 -34.47	142.37 6.78 -41.41	141.06 6.96 -38.72	139.21 6.41 -43.77	134.76 6.24 -43.06	139.43 6.74 -41.65	145.93 7.74 -36.41	161.89 8.41 -42.82	182.14 8.88 -60.85	189.58 9.32 -65.19	172.74 8.86 -51.69	161.93 8.74 -41.12	151.84 7.25 -50.44	146.93 8.15 -31.60	146.33 7.15 -35.54
POLETTI___ 23519	104.25 4.16 -38.99	100.68 4.35 -30.48	93.32 4.49 -19.73	93.03 4.36 -20.54	91.59 4.23 -19.10	94.11 4.41 -18.54	105.92 4.93 -18.78	119.05 4.71 -39.52	114.19 6.54 -16.77	129.68 6.45 -33.71	142.24 7.53 -40.53	141.09 7.82 -37.90	139.08 7.21 -42.83	134.52 6.92 -42.14	139.27 7.47 -40.76	145.77 8.35 -35.63	161.53 8.96 -41.90	181.29 9.33 -59.55	188.53 9.67 -63.80	171.97 9.20 -50.58	161.50 9.19 -40.24	151.52 8.00 -49.36	147.43 9.32 -30.92	146.23 7.98 -34.61
POMONA___ESR 323819	102.28 3.48 -37.69	98.88 3.55 -29.47	91.83 3.66 -19.07	91.60 3.61 -19.86	90.27 3.55 -18.47	92.78 3.70 -17.93	104.72 4.35 -18.16	117.21 4.26 -38.12	112.89 5.82 -16.20	127.78 5.73 -32.52	139.68 6.41 -39.10	138.51 6.58 -36.56	136.41 6.06 -41.32	131.92 5.81 -40.65	136.64 6.28 -39.32	143.28 7.12 -34.37	158.83 7.74 -40.42	177.95 8.10 -57.44	185.13 8.52 -61.54	169.06 8.08 -48.79	158.96 8.07 -38.82	148.55 6.78 -47.62	144.62 7.61 -29.83	143.63 6.53 -33.46
PORT_JEFF_3 23555	122.30 5.87 -55.33	102.32 5.99 -30.47	95.04 6.22 -19.72	94.80 6.13 -20.54	93.42 6.07 -19.10	100.37 6.41 -22.81	142.57 7.40 -52.97	147.43 7.03 -65.58	147.65 9.17 -47.61	147.63 8.86 -49.24	147.58 9.51 -43.90	145.29 9.73 -40.18	144.99 8.90 -47.06	144.70 8.54 -50.70	147.47 9.29 -47.14	152.18 10.68 -39.71	164.81 11.85 -42.30	198.22 12.03 -73.77	228.91 11.97 -101.87	230.69 11.67 -106.83	186.53 11.55 -62.91	230.34 9.98 -126.21	150.98 11.68 -32.11	148.75 10.46 -34.65

PORT_JEFF_4 23616	122.30 5.87 -55.33	102.32 5.99 -30.47	95.04 6.22 -19.72	94.80 6.13 -20.54	93.42 6.07 -19.10	100.37 6.41 -22.81	142.57 7.40 -52.97	147.43 7.03 -65.58	147.65 9.17 -47.61	147.63 8.86 -49.24	147.58 9.51 -43.90	145.29 9.73 -40.18	144.99 8.90 -47.06	144.70 8.54 -50.70	147.47 9.29 -47.14	152.18 10.68 -39.71	164.81 11.85 -42.30	198.22 12.03 -73.77	228.91 11.97 -101.87	230.69 11.67 -106.83	186.53 11.55 -62.91	230.34 9.98 -126.21	150.98 11.68 -32.11	148.75 10.46 -34.65
PORT_JEFF_IC 23713	122.36 5.93 -55.33	102.46 6.12 -30.47	95.11 6.29 -19.72	94.86 6.20 -20.54	93.50 6.14 -19.10	100.37 6.40 -22.81	142.65 7.48 -52.97	147.50 7.11 -65.58	147.74 9.27 -47.61	147.72 8.95 -49.24	147.68 9.61 -43.90	145.29 9.73 -40.18	145.08 8.99 -47.06	144.79 8.63 -50.70	147.55 9.38 -47.14	152.28 10.79 -39.71	164.91 11.95 -42.30	198.22 12.03 -73.78	230.11 12.66 -102.38	232.02 11.67 -108.16	186.86 11.88 -62.92	233.80 10.17 -129.48	151.19 11.90 -32.11	148.86 10.57 -34.65
PPL PILGRIM_ST_GT1 24216	122.55 6.11 -55.33	102.59 6.26 -30.47	95.32 6.49 -19.72	95.07 6.40 -20.54	93.70 6.35 -19.10	100.73 6.76 -22.81	142.98 7.81 -52.97	147.73 7.34 -65.58	148.01 9.54 -47.61	147.99 9.22 -49.24	148.05 9.98 -43.90	145.66 10.10 -40.18	145.44 9.35 -47.06	145.13 8.97 -50.70	147.92 9.75 -47.14	152.59 11.10 -39.71	165.24 12.28 -42.30	197.54 11.47 -73.66	218.02 11.16 -91.79	203.94 11.00 -80.75	185.37 10.42 -62.88	165.50 9.13 -62.22	150.94 11.68 -32.08	148.92 10.68 -34.61
PPL PILGRIM_ST_GT2 24217	122.55 6.11 -55.33	102.59 6.26 -30.47	95.32 6.49 -19.72	95.07 6.40 -20.54	93.70 6.35 -19.10	100.73 6.76 -22.81	142.98 7.81 -52.97	147.73 7.34 -65.58	148.01 9.54 -47.61	147.99 9.22 -49.24	148.05 9.98 -43.90	145.66 10.10 -40.18	145.44 9.35 -47.06	145.13 8.97 -50.70	147.92 9.75 -47.14	152.59 11.10 -39.71	165.24 12.28 -42.30	197.54 11.47 -73.66	218.02 11.16 -91.79	203.94 11.00 -80.75	185.37 10.42 -62.88	165.50 9.13 -62.22	150.94 11.68 -32.08	148.92 10.68 -34.61
PPL_SHRM_GT3 24213	122.43 5.99 -55.33	102.46 6.13 -30.47	95.18 6.35 -19.72	94.93 6.26 -20.54	93.56 6.21 -19.10	100.44 6.47 -22.81	142.73 7.56 -52.97	147.58 7.18 -65.58	147.84 9.36 -47.61	147.81 9.04 -49.24	147.58 9.51 -43.90	145.19 9.63 -40.18	144.91 8.82 -47.06	144.62 8.46 -50.70	147.47 9.29 -47.14	152.28 10.78 -39.71	165.02 12.06 -42.30	198.88 12.70 -73.77	229.30 12.54 -101.69	230.78 12.23 -106.36	186.75 11.76 -62.91	229.48 10.26 -125.07	151.29 12.00 -32.11	149.06 10.78 -34.65
PPL_SHRM_GT4 24214	122.43 5.99 -55.33	102.46 6.13 -30.47	95.18 6.35 -19.72	94.93 6.26 -20.54	93.56 6.21 -19.10	100.44 6.47 -22.81	142.73 7.56 -52.97	147.58 7.18 -65.58	147.84 9.36 -47.61	147.81 9.04 -49.24	147.58 9.51 -43.90	145.19 9.63 -40.18	144.91 8.82 -47.06	144.62 8.46 -50.70	147.47 9.29 -47.14	152.28 10.78 -39.71	165.02 12.06 -42.30	198.88 12.70 -73.77	229.30 12.54 -101.69	230.78 12.23 -106.36	186.75 11.76 -62.91	229.48 10.26 -125.07	151.29 12.00 -32.11	149.06 10.78 -34.65
PROJECT___ORANGE 1 24174	64.54 -0.92 -4.35	67.94 -1.32 -3.40	69.78 -1.52 -2.20	68.92 -1.50 -2.29	68.95 -1.43 -2.13	71.80 -1.42 -2.07	82.74 -1.56 -2.09	77.71 -1.50 -4.39	89.06 -2.00 -0.19	91.24 -1.97 -3.69	96.51 -2.17 -4.50	97.29 -2.29 -4.21	91.65 -2.14 -4.76	88.17 -1.97 -4.68	93.56 -2.00 -4.53	103.50 -2.24 -3.96	112.88 -2.43 -4.65	117.11 -1.91 -6.61	120.54 -1.61 -7.08	115.45 -2.36 -5.62	114.18 -2.35 -4.47	97.46 -2.17 -5.48	108.04 -2.57 -3.43	105.32 -2.18 -3.86
PROJECT___ORANGE 2 24166	64.54 -0.92 -4.35	67.94 -1.32 -3.40	69.78 -1.52 -2.20	68.92 -1.50 -2.29	68.95 -1.43 -2.13	71.80 -1.42 -2.07	82.74 -1.56 -2.09	77.71 -1.50 -4.39	89.06 -2.00 -0.19	91.24 -1.97 -3.69	96.51 -2.17 -4.50	97.29 -2.29 -4.21	91.65 -2.14 -4.76	88.17 -1.97 -4.68	93.56 -2.00 -4.53	103.50 -2.24 -3.96	112.88 -2.43 -4.65	117.11 -1.91 -6.61	120.54 -1.61 -7.08	115.45 -2.36 -5.62	114.18 -2.35 -4.47	97.46 -2.17 -5.48	108.04 -2.57 -3.43	105.32 -2.18 -3.86
PUCKETT___SOLAR 323809	75.44 0.92 -13.41	76.94 0.59 -10.49	76.30 0.42 -6.79	75.67 0.48 -7.07	75.37 0.54 -6.57	78.10 0.57 -6.38	89.66 0.99 -6.46	89.40 1.05 -13.54	99.35 1.18 -7.31	102.02 0.90 -11.60	108.90 0.85 -13.88	109.11 0.76 -12.98	104.33 0.63 -14.67	100.41 0.52 -14.44	105.46 0.46 -13.96	115.01 1.02 -12.21	126.78 1.77 -14.35	135.50 2.69 -20.40	140.03 3.11 -21.85	131.76 2.24 -17.33	128.10 2.24 -13.79	112.66 1.60 -16.91	119.38 1.61 -10.59	116.89 1.34 -11.91
PYRITES___HYD 24023	61.94 0.18 -0.65	67.09 0.72 -0.51	70.33 0.90 -0.33	69.35 0.89 -0.34	69.25 0.68 -0.32	72.25 0.78 -0.31	83.09 0.58 -0.31	76.45 0.97 -0.65	91.44 0.55 -0.03	90.52 0.45 -0.55	95.22 0.38 -0.67	96.19 0.19 -0.63	90.10 0.36 -0.71	85.98 -0.17 -0.70	90.90 -0.82 -0.68	101.36 -1.02 -0.59	110.36 -1.00 -0.69	112.16 -1.24 -0.99	113.94 -2.19 -1.06	112.24 -0.79 -0.84	111.95 -0.78 -0.67	94.59 -0.38 -0.82	107.26 -0.43 -0.51	104.63 0.41 -0.58
QUAKERRD_115KV_BK1 80622	63.55 -3.06 -5.49	66.27 -3.89 -4.29	67.59 -4.28 -2.78	66.80 -4.22 -2.89	66.85 -4.10 -2.69	69.50 -4.27 -2.61	80.33 -4.52 -2.65	73.36 -4.94 -3.48	86.17 -7.09 -2.39	85.72 -6.80 -3.00	90.21 -7.53 -3.57	90.87 -7.82 -3.32	85.50 -7.30 -3.77	82.50 -6.67 -3.71	87.80 -6.83 -3.59	96.78 -8.14 -3.14	105.03 -9.30 -3.67	108.83 -8.77 -5.19	112.57 -8.06 -5.56	106.02 -9.31 -3.14	104.38 -9.41 -1.72	90.47 -8.00 -4.32	101.12 -8.79 -2.72	99.96 -6.74 -3.06
QUENSBRY_115KV_TB8 356137	115.85 5.26 -49.49	109.88 5.33 -38.69	99.88 5.74 -25.04	99.93 5.72 -26.08	98.58 6.07 -24.25	100.89 6.19 -23.54	113.20 7.15 -23.85	131.49 6.73 -49.94	167.17 8.45 -67.85	142.05 8.33 -44.19	154.14 8.76 -51.21	151.84 8.58 -47.88	151.08 7.92 -54.12	146.31 7.61 -53.25	150.37 7.83 -51.50	155.87 9.06 -45.03	173.90 10.29 -52.95	198.66 11.02 -75.24	207.07 11.39 -80.61	187.43 11.33 -63.91	173.67 10.76 -50.85	165.46 8.94 -62.37	156.22 9.97 -39.07	156.90 9.33 -43.94
RAMAPO___LBMP 323565	101.92 3.24 -37.58	98.59 3.36 -29.38	91.57 3.45 -19.01	91.33 3.41 -19.80	90.01 3.34 -18.41	92.52 3.49 -17.87	104.42 4.11 -18.10	116.79 3.97 -38.00	112.47 5.45 -16.15	127.31 5.37 -32.42	139.08 5.93 -38.97	137.92 6.10 -36.44	135.92 5.70 -41.18	131.45 5.47 -40.52	136.15 5.92 -39.19	142.77 6.72 -34.26	158.26 7.30 -40.29	177.31 7.64 -57.26	184.35 7.94 -61.34	168.34 7.52 -48.64	158.27 7.51 -38.69	147.92 6.31 -47.46	144.10 7.18 -29.74	143.11 6.11 -33.36
RANKINE____ 23646	63.64 -4.77 -7.30	65.57 -5.99 -5.71	66.16 -6.63 -3.69	65.57 -6.40 -3.85	65.55 -6.28 -3.58	67.94 -6.69 -3.47	78.24 -7.48 -3.52	70.57 -7.48 -3.23	84.44 -9.63 -3.20	83.04 -9.31 -2.83	87.60 -9.89 -3.32	88.52 -9.92 -3.06	83.19 -9.35 -3.50	80.18 -8.72 -3.45	85.18 -9.20 -3.34	94.42 -10.28 -2.92	102.87 -11.18 -3.39	106.29 -10.90 -4.79	109.61 -10.59 -5.13	102.24 -11.56 -1.60	100.28 -11.54 0.24	88.07 -10.07 -3.99	98.89 -10.83 -2.54	97.06 -9.43 -2.85
RAVENSWOOD_GT2_1 24244	104.25 4.16 -38.99	100.68 4.35 -30.48	93.25 4.42 -19.73	93.03 4.36 -20.55	91.59 4.23 -19.10	94.11 4.41 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.37 6.72 -16.78	129.95 6.71 -33.71	142.33 7.63 -40.53	141.19 7.92 -37.90	139.17 7.30 -42.83	134.61 7.01 -42.15	139.36 7.56 -40.76	145.87 8.45 -35.64	161.75 9.18 -41.90	181.51 9.55 -59.55	188.77 9.90 -63.80	172.20 9.42 -50.58	161.72 9.41 -40.24	151.61 8.10 -49.36	147.32 9.22 -30.93	146.12 7.88 -34.61

RAVENSWOOD_GT2_2 24245	104.25 4.16 -38.99	100.68 4.35 -30.48	93.25 4.42 -19.73	93.03 4.36 -20.55	91.59 4.23 -19.10	94.11 4.41 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.37 6.72 -16.78	129.95 6.71 -33.71	142.33 7.63 -40.53	141.19 7.92 -37.90	139.17 7.30 -42.83	134.61 7.01 -42.15	139.36 7.56 -40.76	145.87 8.45 -35.64	161.75 9.18 -41.90	181.51 9.55 -59.55	188.77 9.90 -63.80	172.20 9.42 -50.58	161.72 9.41 -40.24	151.61 8.10 -49.36	147.32 9.22 -30.93	146.12 7.88 -34.61
RAVENSWOOD_GT2_3 24246	104.31 4.22 -38.99	100.68 4.35 -30.48	93.32 4.49 -19.73	93.10 4.43 -20.55	91.59 4.23 -19.10	94.11 4.41 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.46 6.82 -16.78	129.95 6.71 -33.71	142.33 7.63 -40.53	141.19 7.92 -37.90	139.17 7.30 -42.83	134.61 7.01 -42.15	139.36 7.56 -40.76	145.97 8.55 -35.64	161.75 9.18 -41.91	181.63 9.67 -59.55	188.88 10.01 -63.80	172.31 9.54 -50.58	161.84 9.53 -40.24	151.61 8.10 -49.37	147.43 9.32 -30.93	146.23 7.98 -34.61
RAVENSWOOD_GT2_4 24247	104.31 4.22 -38.99	100.68 4.35 -30.48	93.32 4.49 -19.73	93.10 4.43 -20.55	91.59 4.23 -19.10	94.11 4.41 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.46 6.82 -16.78	129.95 6.71 -33.71	142.33 7.63 -40.53	141.19 7.92 -37.90	139.17 7.30 -42.83	134.61 7.01 -42.15	139.36 7.56 -40.76	145.97 8.55 -35.64	161.75 9.18 -41.91	181.63 9.67 -59.55	188.88 10.01 -63.80	172.31 9.54 -50.58	161.84 9.53 -40.24	151.61 8.10 -49.37	147.43 9.32 -30.93	146.23 7.98 -34.61
RAVENSWOOD_GT3_1 24248	104.25 4.16 -38.99	100.68 4.35 -30.48	93.25 4.42 -19.73	93.03 4.36 -20.55	91.59 4.23 -19.10	94.11 4.41 -18.54	106.00 5.01 -18.78	119.28 4.94 -39.52	114.37 6.72 -16.77	129.95 6.71 -33.71	142.33 7.63 -40.53	141.19 7.92 -37.90	139.17 7.30 -42.83	134.61 7.01 -42.15	139.36 7.56 -40.76	145.87 8.45 -35.64	161.75 9.18 -41.90	181.51 9.55 -59.55	188.77 9.90 -63.80	172.20 9.42 -50.58	161.72 9.41 -40.24	151.61 8.10 -49.36	147.32 9.22 -30.93	146.12 7.88 -34.61
RAVENSWOOD_GT3_2 24249	104.25 4.16 -38.99	100.68 4.35 -30.48	93.25 4.42 -19.73	93.03 4.36 -20.55	91.59 4.23 -19.10	94.11 4.41 -18.54	106.00 5.01 -18.78	119.28 4.94 -39.52	114.37 6.72 -16.77	129.95 6.71 -33.71	142.33 7.63 -40.53	141.19 7.92 -37.90	139.17 7.30 -42.83	134.61 7.01 -42.15	139.36 7.56 -40.76	145.87 8.45 -35.64	161.75 9.18 -41.90	181.51 9.55 -59.55	188.77 9.90 -63.80	172.20 9.42 -50.58	161.72 9.41 -40.24	151.61 8.10 -49.36	147.32 9.22 -30.93	146.12 7.88 -34.61
RAVENSWOOD_GT3_3 24250	104.37 4.28 -38.99	100.75 4.41 -30.48	93.39 4.56 -19.73	93.17 4.50 -20.55	91.66 4.30 -19.10	94.18 4.48 -18.54	106.17 5.18 -18.78	119.36 5.01 -39.52	114.55 6.91 -16.77	130.04 6.80 -33.71	142.43 7.72 -40.53	141.28 8.01 -37.90	139.35 7.48 -42.83	134.69 7.09 -42.15	139.45 7.65 -40.76	146.07 8.65 -35.64	161.86 9.30 -41.91	181.74 9.78 -59.55	189.00 10.13 -63.80	172.42 9.65 -50.58	161.95 9.64 -40.24	151.80 8.29 -49.37	147.54 9.43 -30.93	146.33 8.08 -34.61
RAVENSWOOD_GT3_4 24251	104.37 4.28 -38.99	100.75 4.41 -30.48	93.39 4.56 -19.73	93.17 4.50 -20.55	91.66 4.30 -19.10	94.18 4.48 -18.54	106.17 5.18 -18.78	119.36 5.01 -39.52	114.55 6.91 -16.77	130.04 6.80 -33.71	142.43 7.72 -40.53	141.28 8.01 -37.90	139.35 7.48 -42.83	134.69 7.09 -42.15	139.45 7.65 -40.76	146.07 8.65 -35.64	161.86 9.30 -41.91	181.74 9.78 -59.55	189.00 10.13 -63.80	172.42 9.65 -50.58	161.95 9.64 -40.24	151.80 8.29 -49.37	147.54 9.43 -30.93	146.33 8.08 -34.61
RAVENSWOOD_GT_1 23729	104.56 4.46 -39.00	101.02 4.68 -30.49	93.60 4.77 -19.74	93.38 4.70 -20.55	91.86 4.50 -19.10	94.26 4.55 -18.54	106.09 5.10 -18.78	119.36 5.01 -39.52	114.55 6.91 -16.78	130.13 6.89 -33.71	142.62 7.91 -40.53	141.57 8.30 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.28 8.86 -35.64	162.08 9.52 -41.91	181.96 10.00 -59.55	189.23 10.36 -63.80	172.65 9.87 -50.58	162.17 9.86 -40.24	151.99 8.47 -49.37	147.87 9.75 -30.93	146.65 8.39 -34.62
RAVENSWOOD_GT_10 24258	104.25 4.16 -38.99	100.69 4.35 -30.48	93.25 4.42 -19.73	93.03 4.36 -20.55	91.59 4.23 -19.10	94.11 4.41 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.37 6.72 -16.78	129.86 6.62 -33.71	142.33 7.63 -40.53	141.09 7.82 -37.90	139.17 7.30 -42.83	134.52 6.92 -42.15	139.27 7.47 -40.76	145.87 8.45 -35.64	161.75 9.18 -41.91	181.51 9.55 -59.55	188.77 9.90 -63.80	172.20 9.42 -50.58	161.73 9.41 -40.24	151.61 8.10 -49.37	147.33 9.22 -30.93	146.13 7.88 -34.61
RAVENSWOOD_GT_11 24259	104.25 4.16 -38.99	100.69 4.35 -30.48	93.25 4.42 -19.73	93.03 4.36 -20.55	91.59 4.23 -19.10	94.11 4.41 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.37 6.72 -16.78	129.86 6.62 -33.71	142.33 7.63 -40.53	141.09 7.82 -37.90	139.17 7.30 -42.83	134.52 6.92 -42.15	139.27 7.47 -40.76	145.87 8.45 -35.64	161.75 9.18 -41.91	181.51 9.55 -59.55	188.77 9.90 -63.80	172.20 9.42 -50.58	161.73 9.41 -40.24	151.61 8.10 -49.37	147.33 9.22 -30.93	146.13 7.88 -34.61
RAVENSWOOD_GT_4 24252	104.20 4.09 -38.99	100.56 4.21 -30.49	93.19 4.35 -19.73	92.97 4.29 -20.55	91.52 4.16 -19.10	94.11 4.41 -18.54	106.00 5.01 -18.78	119.21 4.86 -39.52	114.37 6.72 -16.77	129.86 6.62 -33.71	142.24 7.53 -40.53	141.00 7.73 -37.90	139.08 7.21 -42.83	134.52 6.92 -42.15	139.27 7.47 -40.76	145.77 8.35 -35.64	161.64 9.07 -41.90	181.40 9.44 -59.55	188.65 9.78 -63.80	172.08 9.31 -50.58	161.61 9.30 -40.24	151.52 8.00 -49.36	147.22 9.11 -30.93	146.03 7.77 -34.62
RAVENSWOOD_GT_5 24254	104.20 4.09 -38.99	100.56 4.21 -30.49	93.19 4.35 -19.73	92.97 4.29 -20.55	91.52 4.16 -19.10	94.11 4.41 -18.54	106.00 5.01 -18.78	119.21 4.86 -39.52	114.37 6.72 -16.77	129.86 6.62 -33.71	142.24 7.53 -40.53	141.00 7.73 -37.90	139.08 7.21 -42.83	134.52 6.92 -42.15	139.27 7.47 -40.76	145.77 8.35 -35.64	161.64 9.07 -41.90	181.40 9.44 -59.55	188.65 9.78 -63.80	172.08 9.31 -50.58	161.61 9.30 -40.24	151.52 8.00 -49.36	147.22 9.11 -30.93	146.03 7.77 -34.62
RAVENSWOOD_GT_6 24253	104.20 4.09 -38.99	100.56 4.21 -30.49	93.19 4.35 -19.73	92.97 4.29 -20.55	91.52 4.16 -19.10	94.11 4.41 -18.54	106.00 5.01 -18.78	119.21 4.86 -39.52	114.37 6.72 -16.77	129.86 6.62 -33.71	142.24 7.53 -40.53	141.00 7.73 -37.90	139.08 7.21 -42.83	134.52 6.92 -42.15	139.27 7.47 -40.76	145.77 8.35 -35.64	161.64 9.07 -41.90	181.40 9.44 -59.55	188.65 9.78 -63.80	172.08 9.31 -50.58	161.61 9.30 -40.24	151.52 8.00 -49.36	147.22 9.11 -30.93	146.03 7.77 -34.62
RAVENSWOOD_GT_7 24255	104.20 4.09 -38.99	100.56 4.21 -30.49	93.19 4.35 -19.73	92.97 4.29 -20.55	91.52 4.16 -19.10	94.11 4.41 -18.54	106.00 5.01 -18.78	119.21 4.86 -39.52	114.37 6.72 -16.77	129.86 6.62 -33.71	142.24 7.53 -40.53	141.00 7.73 -37.90	139.08 7.21 -42.83	134.52 6.92 -42.15	139.27 7.47 -40.76	145.77 8.35 -35.64	161.64 9.07 -41.90	181.40 9.44 -59.55	188.65 9.78 -63.80	172.08 9.31 -50.58	161.61 9.30 -40.24	151.52 8.00 -49.36	147.22 9.11 -30.93	146.03 7.77 -34.62
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	104.25 4.16 -38.99	100.69 4.35 -30.48	93.25 4.42 -19.73	93.03 4.36 -20.55	91.59 4.23 -19.10	94.11 4.41 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.37 6.72 -16.78	129.86 6.62 -33.71	142.33 7.63 -40.53	141.09 7.82 -37.90	139.17 7.30 -42.83	134.52 6.92 -42.15	139.27 7.47 -40.76	145.87 8.45 -35.64	161.75 9.18 -41.91	181.51 9.55 -59.55	188.77 9.90 -63.80	172.20 9.42 -50.58	161.73 9.41 -40.24	151.61 8.10 -49.37	147.33 9.22 -30.93	146.13 7.88 -34.61

RAVENSWOOD_GT_9 24257	104.25 4.16 -38.99	100.69 4.35 -30.48	93.25 4.42 -19.73	93.03 4.36 -20.55	91.59 4.23 -19.10	94.11 4.41 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.37 6.72 -16.78	129.86 6.62 -33.71	142.33 7.63 -40.53	141.09 7.82 -37.90	139.17 7.30 -42.83	134.52 6.92 -42.15	139.27 7.47 -40.76	145.87 8.45 -35.64	161.75 9.18 -41.91	181.51 9.55 -59.55	188.77 9.90 -63.80	172.20 9.42 -50.58	161.73 9.41 -40.24	151.61 8.10 -49.37	147.33 9.22 -30.93	146.13 7.88 -34.61
RAVENSWOOD___1 23533	104.63 4.52 -39.00	100.95 4.61 -30.49	93.60 4.76 -19.74	93.37 4.70 -20.55	91.86 4.50 -19.10	94.26 4.56 -18.54	106.09 5.10 -18.78	119.36 5.01 -39.52	114.55 6.90 -16.78	130.13 6.89 -33.71	142.62 7.91 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.27 8.85 -35.64	162.09 9.52 -41.91	181.96 10.00 -59.55	189.11 10.24 -63.80	172.65 9.88 -50.58	162.18 9.86 -40.24	152.00 8.48 -49.37	147.87 9.75 -30.93	146.65 8.39 -34.62
RAVENSWOOD___2 23534	104.63 4.52 -39.00	100.95 4.61 -30.49	93.60 4.76 -19.74	93.37 4.70 -20.55	91.86 4.50 -19.10	94.26 4.56 -18.54	106.09 5.10 -18.78	119.36 5.01 -39.52	114.55 6.90 -16.78	130.13 6.89 -33.71	142.62 7.91 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.27 8.85 -35.64	162.09 9.52 -41.91	181.96 10.00 -59.55	189.11 10.24 -63.80	172.65 9.88 -50.58	162.18 9.86 -40.24	152.00 8.48 -49.37	147.87 9.75 -30.93	146.65 8.39 -34.62
RAVENSWOOD___3 23535	104.31 4.21 -38.99	100.62 4.28 -30.48	93.25 4.43 -19.73	93.03 4.36 -20.55	91.59 4.23 -19.10	94.12 4.41 -18.54	106.09 5.10 -18.78	119.28 4.94 -39.52	114.37 6.72 -16.78	129.96 6.72 -33.71	142.33 7.62 -40.53	141.18 7.91 -37.90	139.17 7.30 -42.83	134.61 7.01 -42.15	139.36 7.55 -40.76	145.87 8.44 -35.64	161.75 9.18 -41.91	181.51 9.55 -59.55	188.77 9.90 -63.80	172.20 9.43 -50.58	161.73 9.41 -40.24	151.62 8.10 -49.37	147.33 9.22 -30.93	146.12 7.87 -34.61
RAVENSWOOD___4 23820	104.63 4.52 -39.00	100.95 4.61 -30.49	93.60 4.76 -19.74	93.37 4.70 -20.55	91.86 4.50 -19.10	94.26 4.56 -18.54	106.09 5.10 -18.78	119.36 5.01 -39.52	114.55 6.90 -16.78	130.13 6.89 -33.71	142.62 7.91 -40.53	141.57 8.29 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.27 8.85 -35.64	162.09 9.52 -41.91	181.96 10.00 -59.55	189.11 10.24 -63.80	172.65 9.88 -50.58	162.18 9.86 -40.24	152.00 8.48 -49.37	147.87 9.75 -30.93	146.65 8.39 -34.62
RCPI_TRUST___DRP 24196	104.31 4.22 -38.98	100.68 4.35 -30.48	93.32 4.49 -19.73	93.10 4.43 -20.54	91.65 4.30 -19.10	94.18 4.48 -18.54	106.17 5.18 -18.78	119.42 5.09 -39.52	114.55 6.91 -16.77	130.04 6.80 -33.71	142.42 7.72 -40.52	141.28 8.01 -37.89	139.25 7.39 -42.83	134.69 7.09 -42.14	139.44 7.65 -40.76	145.97 8.55 -35.63	161.85 9.30 -41.90	181.62 9.67 -59.54	188.87 10.01 -63.79	172.30 9.54 -50.58	161.83 9.53 -40.24	151.70 8.19 -49.36	147.43 9.32 -30.92	146.12 7.88 -34.61
RED___ROCHESTER 323720	65.10 -1.65 -5.64	67.70 -2.57 -4.41	68.98 -2.97 -2.85	68.17 -2.93 -2.97	68.28 -2.73 -2.76	70.99 -2.85 -2.68	82.13 -2.80 -2.72	74.70 -3.52 -3.39	87.78 -5.55 -2.45	87.17 -5.28 -2.93	91.72 -5.93 -3.48	92.41 -6.20 -3.23	86.83 -5.88 -3.67	83.85 -5.22 -3.62	89.35 -5.19 -3.50	98.44 -6.41 -3.06	106.71 -7.53 -3.57	110.60 -6.86 -5.05	114.04 -6.44 -5.41	107.67 -7.41 -2.89	105.88 -7.62 -1.43	91.86 -6.50 -4.21	102.98 -6.86 -2.66	101.96 -4.66 -2.99
REGAN___SOLAR 323812	119.01 4.89 -53.01	112.30 5.00 -41.44	101.17 5.25 -26.82	101.24 5.17 -27.94	99.76 5.53 -25.98	102.13 5.76 -25.22	114.49 6.74 -25.54	134.67 6.36 -53.49	165.71 7.63 -67.21	143.93 7.25 -47.15	156.47 7.44 -54.85	153.91 7.24 -51.29	154.13 7.13 -57.97	149.24 6.75 -57.04	153.22 7.01 -55.17	158.16 8.15 -48.23	177.22 9.85 -56.71	203.90 10.90 -80.59	212.81 11.39 -86.34	191.98 11.33 -68.46	177.40 10.87 -54.46	169.91 8.95 -66.81	159.00 9.97 -41.86	159.82 9.12 -47.06
RENSSELAER___COGEN 23796	111.46 2.57 -47.78	105.91 2.70 -37.35	96.04 2.77 -24.18	96.03 2.73 -25.18	94.47 2.80 -23.41	96.80 2.92 -22.73	108.52 3.29 -23.02	125.72 2.69 -48.21	135.74 3.27 -41.60	134.69 3.31 -41.85	147.00 3.39 -49.44	145.03 3.43 -46.23	144.48 3.20 -52.25	139.93 3.07 -51.41	144.04 3.27 -49.72	148.51 3.26 -43.47	165.09 3.32 -51.11	188.42 3.37 -72.64	196.34 3.45 -77.82	177.15 3.26 -61.70	164.41 3.25 -49.09	157.19 2.82 -60.21	148.23 3.33 -37.72	149.68 3.63 -42.42
REPUBLIC_115KV_BARTNBRK 55605	117.72 7.15 -49.46	111.70 7.18 -38.67	102.00 7.88 -25.03	102.02 7.83 -26.06	100.88 8.40 -24.24	103.22 8.54 -23.53	115.90 9.86 -23.83	134.15 9.43 -49.90	170.23 11.81 -67.55	145.14 11.46 -44.16	157.40 12.05 -51.18	154.96 11.73 -47.85	153.98 10.86 -54.08	149.01 10.34 -53.22	153.25 10.74 -51.47	159.40 12.62 -45.00	178.18 14.61 -52.91	203.34 15.74 -75.19	211.97 16.34 -80.55	192.44 16.38 -63.87	178.23 15.35 -50.81	168.91 12.43 -62.33	160.05 13.83 -39.05	160.50 12.95 -43.91
REVERE_CPPR_DRP 24186	66.03 2.63 -2.29	70.28 2.63 -1.79	72.95 2.69 -1.16	72.06 2.72 -1.21	72.11 2.73 -1.12	75.24 2.99 -1.09	86.84 3.53 -1.10	80.80 3.67 -2.31	95.06 4.09 -0.10	95.32 3.85 -1.94	100.50 3.96 -2.37	101.60 4.01 -2.22	95.19 3.65 -2.51	91.25 3.33 -2.47	96.79 3.37 -2.39	108.15 4.27 -2.09	118.20 5.09 -2.45	121.63 5.73 -3.49	125.02 6.21 -3.73	120.53 5.39 -2.96	119.80 5.38 -2.36	101.18 4.14 -2.89	113.60 4.61 -1.81	110.13 4.46 -2.03
REYNOLDS_115KV_TB3 80639	111.92 2.93 -47.88	106.32 3.03 -37.43	96.51 3.18 -24.23	96.49 3.13 -25.23	94.92 3.21 -23.46	97.20 3.27 -22.77	109.06 3.78 -23.07	126.27 3.14 -48.31	139.97 4.00 -45.10	135.60 4.03 -42.05	147.86 4.14 -49.54	145.89 4.20 -46.32	145.31 3.92 -52.36	140.73 3.76 -51.52	144.87 4.01 -49.83	149.62 4.27 -43.56	166.31 4.43 -51.22	189.69 4.50 -72.79	197.66 4.60 -77.98	178.39 4.38 -61.83	165.63 4.37 -49.19	158.25 3.77 -60.34	149.27 4.29 -37.80	150.39 4.25 -42.51
RIVERBAY____ 323610	105.18 5.07 -39.00	101.61 5.27 -30.49	94.36 5.53 -19.74	94.13 5.45 -20.55	92.54 5.19 -19.10	94.75 5.05 -18.54	106.33 5.34 -18.78	119.51 5.16 -39.52	114.82 7.18 -16.78	130.22 6.98 -33.71	142.90 8.19 -40.53	141.95 8.68 -37.90	139.88 8.01 -42.83	135.21 7.61 -42.15	140.09 8.28 -40.76	146.48 9.06 -35.64	162.31 9.74 -41.91	182.08 10.12 -59.55	189.46 10.59 -63.80	172.87 10.10 -50.58	162.40 10.09 -40.24	152.37 8.85 -49.37	148.40 10.29 -30.93	147.48 9.22 -34.62
RIVERSIDE_115KV_TB3 55908	111.91 2.81 -47.99	106.27 2.90 -37.52	96.42 3.04 -24.28	96.41 3.00 -25.29	94.84 3.07 -23.51	97.18 3.20 -22.83	108.94 3.62 -23.12	126.30 3.07 -48.42	140.18 3.82 -45.50	135.53 3.85 -42.15	147.69 3.86 -49.65	145.81 4.01 -46.43	145.25 3.74 -52.47	140.67 3.59 -51.63	144.80 3.82 -49.94	149.31 3.87 -43.66	165.98 3.98 -51.34	189.52 4.16 -72.95	197.48 4.26 -78.16	178.20 4.04 -61.97	165.40 4.03 -49.30	158.01 3.39 -60.47	149.03 3.97 -37.89	150.28 4.04 -42.60
ROARING___BROOK_WT_PWR 323790	59.52 -1.59 0.00	64.35 -1.51 0.00	67.51 -1.59 0.00	66.49 -1.64 0.00	66.55 -1.70 0.00	69.38 -1.78 0.00	80.07 -2.14 0.00	72.95 -1.87 0.00	88.60 -2.27 0.00	87.29 -2.23 0.00	91.82 -2.35 0.00	93.08 -2.29 0.00	86.99 -2.04 0.00	83.40 -2.05 0.00	88.85 -2.19 0.00	99.34 -2.44 0.00	107.90 -2.76 0.00	109.49 -2.92 0.00	111.85 -3.22 0.00	109.39 -2.80 0.00	109.15 -2.91 0.00	91.80 -2.35 0.00	104.39 -2.79 0.00	101.05 -2.59 0.00

ROCHESRG_115KV_T4 355643	64.27 -2.44 -5.61	67.01 -3.23 -4.38	68.27 -3.66 -2.84	67.54 -3.54 -2.95	67.59 -3.41 -2.75	70.27 -3.56 -2.67	81.12 -3.78 -2.70	73.72 -4.49 -3.39	86.58 -6.72 -2.44	86.10 -6.36 -2.93	90.49 -7.16 -3.48	91.17 -7.44 -3.23	85.76 -6.94 -3.67	82.83 -6.24 -3.62	88.35 -6.19 -3.50	97.21 -7.63 -3.06	105.27 -8.96 -3.57	109.15 -8.32 -5.06	112.89 -7.59 -5.42	106.12 -8.98 -2.91	104.45 -9.08 -1.46	90.64 -7.72 -4.21	101.58 -8.25 -2.66	100.82 -5.80 -2.99
ROCHESTER_9_IC 23652	64.67 -2.08 -5.64	67.37 -2.90 -4.41	68.64 -3.32 -2.85	67.89 -3.20 -2.97	67.94 -3.07 -2.76	70.64 -3.20 -2.68	81.72 -3.21 -2.72	74.25 -3.97 -3.39	87.23 -6.09 -2.45	86.64 -5.82 -2.93	91.15 -6.50 -3.48	91.83 -6.77 -3.23	86.30 -6.41 -3.67	83.34 -5.73 -3.62	88.89 -5.64 -3.50	97.82 -7.02 -3.06	106.05 -8.19 -3.57	109.93 -7.53 -5.05	113.81 -6.67 -5.41	106.89 -8.19 -2.89	105.21 -8.29 -1.43	91.30 -7.06 -4.21	102.23 -7.61 -2.66	101.44 -5.18 -2.99
ROCKVIEW_13_KV_LD 356306	104.25 4.16 -38.98	100.62 4.28 -30.48	93.25 4.42 -19.73	93.03 4.36 -20.54	91.59 4.23 -19.10	94.18 4.48 -18.54	106.17 5.18 -18.78	119.35 5.01 -39.52	114.46 6.82 -16.77	129.95 6.71 -33.71	142.14 7.44 -40.53	140.99 7.73 -37.90	138.99 7.12 -42.83	134.43 6.84 -42.14	139.18 7.37 -40.76	145.77 8.35 -35.63	161.64 9.07 -41.90	181.40 9.44 -59.55	188.76 9.90 -63.80	172.08 9.31 -50.58	161.61 9.30 -40.24	151.52 8.00 -49.36	147.11 9.00 -30.92	145.91 7.67 -34.61
ROME____115KV_TB2 80656	66.03 2.63 -2.29	70.28 2.63 -1.79	72.95 2.69 -1.16	72.06 2.72 -1.21	72.11 2.73 -1.12	75.24 2.99 -1.09	86.84 3.53 -1.10	80.80 3.67 -2.31	95.06 4.09 -0.10	95.32 3.85 -1.94	100.50 3.96 -2.37	101.60 4.01 -2.22	95.19 3.65 -2.51	91.25 3.33 -2.47	96.79 3.37 -2.39	108.15 4.27 -2.09	118.20 5.09 -2.45	121.63 5.73 -3.49	125.02 6.21 -3.73	120.53 5.39 -2.96	119.80 5.38 -2.36	101.18 4.14 -2.89	113.60 4.61 -1.81	110.13 4.46 -2.03
ROSETON___1 23587	103.58 3.30 -39.17	99.90 3.42 -30.62	92.51 3.59 -19.82	92.31 3.54 -20.64	90.86 3.41 -19.19	93.42 3.63 -18.63	105.27 4.19 -18.87	118.36 4.04 -39.50	113.02 5.45 -16.70	128.59 5.37 -33.69	140.62 5.94 -40.51	139.26 6.01 -37.88	137.46 5.61 -42.81	132.96 5.39 -42.12	137.61 5.83 -40.74	144.02 6.61 -35.62	159.73 7.19 -41.88	179.35 7.42 -59.52	186.55 7.71 -63.77	170.04 7.29 -50.56	159.57 7.28 -40.22	149.52 6.03 -49.34	145.05 6.96 -30.91	144.42 6.01 -34.77
ROSETON___2 23588	103.58 3.30 -39.17	99.90 3.42 -30.62	92.51 3.59 -19.82	92.31 3.54 -20.64	90.86 3.41 -19.19	93.42 3.63 -18.63	105.27 4.19 -18.87	118.36 4.04 -39.50	113.02 5.45 -16.70	128.59 5.37 -33.69	140.62 5.94 -40.51	139.26 6.01 -37.88	137.46 5.61 -42.81	132.96 5.39 -42.12	137.61 5.83 -40.74	144.02 6.61 -35.62	159.73 7.19 -41.88	179.35 7.42 -59.52	186.55 7.71 -63.77	170.04 7.29 -50.56	159.57 7.28 -40.22	149.52 6.03 -49.34	145.05 6.96 -30.91	144.42 6.01 -34.77
ROTRDAM_115KV_TB3 80664	113.71 2.57 -50.03	107.61 2.63 -39.12	97.18 2.76 -25.32	97.22 2.72 -26.37	95.57 2.80 -24.52	97.80 2.85 -23.80	109.68 3.37 -24.11	128.37 3.07 -50.48	167.63 3.91 -72.86	138.20 3.85 -44.83	149.99 4.05 -51.77	147.79 4.01 -48.41	147.57 3.83 -54.71	142.96 3.67 -53.84	146.93 3.82 -52.07	151.78 4.48 -45.52	169.17 4.98 -53.53	193.76 5.28 -76.06	201.97 5.41 -81.49	182.07 5.27 -64.61	168.63 5.16 -51.40	161.44 4.24 -63.05	151.51 4.82 -39.50	152.41 4.35 -44.42
RUSSELL___1 23602	64.98 -1.77 -5.64	67.63 -2.63 -4.41	68.98 -2.97 -2.85	68.17 -2.93 -2.97	68.29 -2.73 -2.76	70.99 -2.85 -2.68	82.13 -2.79 -2.72	74.69 -3.52 -3.39	87.78 -5.54 -2.45	87.17 -5.28 -2.93	91.72 -5.93 -3.48	92.41 -6.20 -3.23	86.83 -5.88 -3.67	83.86 -5.21 -3.62	89.35 -5.19 -3.50	98.43 -6.41 -3.06	106.71 -7.52 -3.57	110.72 -6.74 -5.05	114.50 -5.98 -5.41	107.67 -7.40 -2.89	105.99 -7.51 -1.43	91.86 -6.50 -4.21	102.87 -6.97 -2.66	101.96 -4.66 -2.99
RUSSELL___2 23532	64.98 -1.77 -5.64	67.63 -2.63 -4.41	68.98 -2.97 -2.85	68.17 -2.93 -2.97	68.29 -2.73 -2.76	70.99 -2.85 -2.68	82.13 -2.79 -2.72	74.69 -3.52 -3.39	87.78 -5.54 -2.45	87.17 -5.28 -2.93	91.72 -5.93 -3.48	92.41 -6.20 -3.23	86.83 -5.88 -3.67	83.86 -5.21 -3.62	89.35 -5.19 -3.50	98.43 -6.41 -3.06	106.71 -7.52 -3.57	110.72 -6.74 -5.05	114.50 -5.98 -5.41	107.67 -7.40 -2.89	105.99 -7.51 -1.43	91.86 -6.50 -4.21	102.87 -6.97 -2.66	101.96 -4.66 -2.99
RUSSELL___3 23549	64.98 -1.77 -5.64	67.63 -2.63 -4.41	68.98 -2.97 -2.85	68.17 -2.93 -2.97	68.29 -2.73 -2.76	70.99 -2.85 -2.68	82.13 -2.79 -2.72	74.69 -3.52 -3.39	87.78 -5.54 -2.45	87.17 -5.28 -2.93	91.72 -5.93 -3.48	92.41 -6.20 -3.23	86.83 -5.88 -3.67	83.86 -5.21 -3.62	89.35 -5.19 -3.50	98.43 -6.41 -3.06	106.71 -7.52 -3.57	110.72 -6.74 -5.05	114.50 -5.98 -5.41	107.67 -7.40 -2.89	105.99 -7.51 -1.43	91.86 -6.50 -4.21	102.87 -6.97 -2.66	101.96 -4.66 -2.99
RUSSELL___4 23556	64.98 -1.77 -5.64	67.63 -2.63 -4.41	68.98 -2.97 -2.85	68.17 -2.93 -2.97	68.29 -2.73 -2.76	70.99 -2.85 -2.68	82.13 -2.79 -2.72	74.69 -3.52 -3.39	87.78 -5.54 -2.45	87.17 -5.28 -2.93	91.72 -5.93 -3.48	92.41 -6.20 -3.23	86.83 -5.88 -3.67	83.86 -5.21 -3.62	89.35 -5.19 -3.50	98.43 -6.41 -3.06	106.71 -7.52 -3.57	110.72 -6.74 -5.05	114.50 -5.98 -5.41	107.67 -7.40 -2.89	105.99 -7.51 -1.43	91.86 -6.50 -4.21	102.87 -6.97 -2.66	101.96 -4.66 -2.99
RUSSELL___STATION 23914	64.98 -1.77 -5.64	67.63 -2.63 -4.41	68.98 -2.97 -2.85	68.17 -2.93 -2.97	68.29 -2.73 -2.76	70.99 -2.85 -2.68	82.13 -2.79 -2.72	74.69 -3.52 -3.39	87.78 -5.54 -2.45	87.17 -5.28 -2.93	91.72 -5.93 -3.48	92.41 -6.20 -3.23	86.83 -5.88 -3.67	83.86 -5.21 -3.62	89.35 -5.19 -3.50	98.43 -6.41 -3.06	106.71 -7.52 -3.57	110.72 -6.74 -5.05	114.50 -5.98 -5.41	107.67 -7.40 -2.89	105.99 -7.51 -1.43	91.86 -6.50 -4.21	102.87 -6.97 -2.66	101.96 -4.66 -2.99
S SALMON___HYD 24043	65.55 0.79 -3.65	69.18 0.46 -2.85	71.22 0.28 -1.85	70.39 0.34 -1.92	70.45 0.41 -1.79	73.25 0.36 -1.74	84.46 0.50 -1.76	79.25 0.75 -3.68	91.58 0.55 -0.16	93.07 0.45 -3.09	98.43 0.47 -3.78	99.29 0.38 -3.53	93.38 0.36 -3.99	89.64 0.26 -3.93	95.02 0.18 -3.80	105.72 0.61 -3.32	115.45 0.88 -3.91	119.65 1.69 -5.55	123.09 2.07 -5.95	118.14 1.24 -4.72	116.94 1.12 -3.75	99.32 0.57 -4.60	110.82 0.76 -2.88	107.70 0.83 -3.24
S.PERRY___115KV_TB1 80734	67.97 -0.67 -7.53	70.23 -1.51 -5.89	71.05 -1.87 -3.81	70.25 -1.84 -3.97	70.37 -1.57 -3.69	73.17 -1.57 -3.58	84.76 -1.07 -3.63	75.13 -1.50 -1.81	90.95 -3.18 -3.26	87.67 -3.49 -1.64	91.79 -4.24 -1.85	92.48 -4.58 -1.68	86.54 -4.45 -1.96	83.28 -4.10 -1.93	88.90 -4.01 -1.87	99.04 -4.38 -1.64	108.43 -4.09 -1.86	112.44 -2.47 -2.50	116.37 -1.38 -2.68	107.51 -3.25 1.43	105.27 -3.47 3.32	92.95 -3.39 -2.19	104.75 -3.86 -1.43	102.85 -2.38 -1.60
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	63.43 -4.71 -7.03	65.43 -5.93 -5.50	66.09 -6.56 -3.56	65.43 -6.40 -3.70	65.42 -6.28 -3.44	67.81 -6.69 -3.34	78.03 -7.56 -3.39	70.08 -8.01 -3.26	83.14 -10.81 -3.08	82.08 -10.30 -2.85	86.31 -11.21 -3.35	87.02 -11.44 -3.09	81.97 -10.59 -3.53	79.19 -9.74 -3.48	84.39 -10.01 -3.36	93.02 -11.71 -2.94	100.80 -13.28 -3.42	104.32 -12.93 -4.84	107.83 -12.43 -5.19	100.37 -13.69 -1.86	98.49 -13.67 -0.09	86.60 -11.58 -4.03	97.31 -12.43 -2.56	96.56 -9.95 -2.88

SAWYER___23_KV_LOAD 55526	63.43 -4.71 -7.03	65.43 -5.93 -5.50	66.09 -6.56 -3.56	65.43 -6.40 -3.70	65.42 -6.28 -3.44	67.81 -6.69 -3.34	78.03 -7.56 -3.39	70.08 -8.01 -3.26	83.14 -10.81 -3.08	82.08 -10.30 -2.85	86.31 -11.21 -3.35	87.02 -11.44 -3.09	81.97 -10.59 -3.53	79.19 -9.74 -3.48	84.39 -10.01 -3.36	93.02 -11.71 -2.94	100.80 -13.28 -3.42	104.32 -12.93 -4.84	107.83 -12.43 -5.19	100.37 -13.69 -1.86	98.49 -13.67 -0.09	86.60 -11.58 -4.03	97.31 -12.43 -2.56	96.56 -9.95 -2.88
SELKIRK___I 23801	110.82 2.63 -47.08	105.37 2.70 -36.81	95.76 2.83 -23.82	95.73 2.79 -24.81	94.19 2.87 -23.07	96.47 2.92 -22.40	108.18 3.29 -22.69	125.10 2.77 -47.51	127.82 3.45 -33.50	133.91 3.40 -40.98	146.28 3.39 -48.72	144.46 3.53 -45.55	143.82 3.30 -51.49	139.28 3.16 -50.66	143.41 3.37 -49.00	148.18 3.56 -42.84	164.90 3.87 -50.37	187.92 3.93 -71.58	195.90 4.14 -76.69	176.92 3.92 -60.80	164.36 3.92 -48.37	156.78 3.29 -59.34	148.21 3.85 -37.17	149.37 3.94 -41.80
SELKIRK___II 23799	111.03 2.38 -47.54	105.53 2.50 -37.17	95.71 2.56 -24.06	95.70 2.52 -25.05	94.14 2.59 -23.30	96.40 2.63 -22.61	108.15 3.04 -22.91	125.40 2.62 -47.97	129.30 3.27 -35.17	134.17 3.22 -41.42	146.66 3.29 -49.19	144.80 3.43 -46.00	144.13 3.11 -51.98	139.68 3.07 -51.15	143.79 3.27 -49.47	148.39 3.35 -43.25	165.06 3.54 -50.86	188.39 3.70 -72.27	196.29 3.79 -77.43	177.17 3.59 -61.39	164.49 3.59 -48.84	157.07 3.01 -59.91	148.25 3.53 -37.53	149.37 3.53 -42.21
SENECA OSWGO___HYD 24041	65.69 0.43 -4.15	69.11 0.00 -3.25	71.00 -0.21 -2.10	70.18 -0.14 -2.19	70.22 -0.07 -2.04	73.06 -0.07 -1.98	84.37 0.16 -2.00	79.24 0.23 -4.19	91.05 0.00 -0.18	93.05 0.00 -3.52	98.38 -0.09 -4.30	99.30 -0.10 -4.02	93.49 -0.09 -4.54	89.92 0.00 -4.47	95.27 -0.09 -4.32	105.77 0.20 -3.78	115.44 0.33 -4.45	119.85 1.12 -6.32	123.45 1.61 -6.77	118.23 0.68 -5.37	116.90 0.56 -4.27	99.58 0.19 -5.24	110.57 0.11 -3.28	107.53 0.21 -3.69
SENECA___115KV_TB3 355854	63.76 -4.64 -7.30	65.70 -5.86 -5.71	66.30 -6.50 -3.69	65.63 -6.34 -3.85	65.62 -6.21 -3.58	68.08 -6.55 -3.47	78.32 -7.40 -3.52	70.65 -7.41 -3.23	84.62 -9.45 -3.20	83.22 -9.13 -2.83	87.79 -9.70 -3.32	88.61 -9.82 -3.06	83.37 -9.17 -3.50	80.35 -8.55 -3.45	85.36 -9.01 -3.34	94.63 -10.08 -2.92	103.10 -10.96 -3.39	106.52 -10.68 -4.79	109.84 -10.36 -5.13	102.46 -11.33 -1.60	100.51 -11.32 0.24	88.26 -9.89 -3.99	99.00 -10.72 -2.54	97.16 -9.33 -2.85
SENECA___ENERGY 23797	65.93 -1.04 -5.86	68.59 -1.84 -4.58	69.92 -2.14 -2.96	69.17 -2.04 -3.09	69.21 -1.91 -2.87	72.09 -1.85 -2.79	83.30 -1.73 -2.82	78.18 -1.72 -5.08	90.87 -2.64 -2.64	91.27 -2.60 -4.35	96.36 -3.02 -5.21	97.09 -3.14 -4.86	91.60 -2.94 -5.50	88.05 -2.82 -5.41	93.36 -2.92 -5.24	103.10 -3.26 -4.58	112.49 -3.55 -5.38	117.39 -2.70 -7.68	120.99 -2.30 -8.22	115.19 -3.02 -6.03	113.42 -3.14 -4.49	97.56 -2.92 -6.33	107.72 -3.43 -3.97	105.09 -3.01 -4.47
SHOEMAKER___GT 23640	99.68 2.81 -35.76	96.71 2.89 -27.96	90.16 2.97 -18.09	89.90 2.93 -18.84	88.71 2.93 -17.52	91.22 3.06 -17.01	103.05 3.61 -17.23	114.40 3.44 -36.13	110.96 4.72 -15.37	124.91 4.56 -30.82	136.22 4.99 -37.05	135.07 5.05 -34.65	132.91 4.72 -39.16	128.51 4.53 -38.53	133.22 4.91 -37.27	140.06 5.70 -32.58	155.28 6.30 -38.31	173.48 6.63 -54.44	180.30 6.90 -58.33	165.05 6.62 -46.25	155.47 6.61 -36.79	144.74 5.46 -45.13	141.56 6.11 -28.27	140.66 5.28 -31.75
SHOEMAKR_138KV_BK 111 55601	99.38 2.75 -35.52	96.53 2.90 -27.77	90.05 2.97 -17.97	89.77 2.93 -18.72	88.53 2.87 -17.41	91.04 2.99 -16.90	102.85 3.53 -17.12	114.15 3.44 -35.89	110.77 4.63 -15.26	124.71 4.57 -30.62	135.97 4.99 -36.81	134.84 5.05 -34.42	132.65 4.72 -38.90	128.26 4.53 -38.27	132.97 4.92 -37.02	139.75 5.60 -32.36	154.91 6.20 -38.05	173.01 6.52 -54.08	179.91 6.90 -57.94	164.63 6.51 -45.94	155.11 6.50 -36.55	144.35 5.37 -44.83	141.37 6.11 -28.09	140.35 5.18 -31.54
SHOREHAM_IC_1 23715	122.43 5.99 -55.33	102.46 6.13 -30.47	95.18 6.35 -19.72	94.93 6.26 -20.54	93.56 6.21 -19.10	100.44 6.47 -22.81	142.73 7.56 -52.97	147.58 7.18 -65.58	147.84 9.36 -47.61	147.81 9.04 -49.24	147.58 9.51 -43.90	145.19 9.63 -40.18	144.91 8.82 -47.06	144.62 8.46 -50.70	147.47 9.29 -47.14	152.28 10.78 -39.71	165.02 12.06 -42.30	198.88 12.70 -73.77	229.30 12.54 -101.69	230.78 12.23 -106.36	186.75 11.76 -62.91	229.48 10.26 -125.07	151.29 12.00 -32.11	149.06 10.78 -34.65
SHOREHAM_IC_2 23716	122.43 5.99 -55.33	102.46 6.13 -30.47	95.18 6.35 -19.72	94.93 6.26 -20.54	93.56 6.21 -19.10	100.44 6.47 -22.81	142.73 7.56 -52.97	147.58 7.18 -65.58	147.84 9.36 -47.61	147.81 9.04 -49.24	147.58 9.51 -43.90	145.19 9.63 -40.18	144.91 8.82 -47.06	144.62 8.46 -50.70	147.47 9.29 -47.14	152.28 10.78 -39.71	165.02 12.06 -42.30	198.88 12.70 -73.77	229.30 12.54 -101.69	230.78 12.23 -106.36	186.75 11.76 -62.91	229.48 10.26 -125.07	151.29 12.00 -32.11	149.06 10.78 -34.65
SISSONVILLE___ 23735	61.13 -0.67 -0.70	66.14 -0.26 -0.54	69.31 -0.14 -0.35	68.29 -0.20 -0.37	68.18 -0.41 -0.34	71.06 -0.43 -0.33	81.72 -0.82 -0.34	75.07 -0.45 -0.70	89.81 -1.09 -0.03	88.95 -1.16 -0.59	93.76 -1.13 -0.72	94.71 -1.34 -0.67	88.64 -1.16 -0.76	84.58 -1.62 -0.75	89.31 -2.46 -0.73	99.47 -2.95 -0.63	107.98 -3.43 -0.75	109.65 -3.82 -1.06	111.37 -4.83 -1.14	109.72 -3.37 -0.90	109.42 -3.36 -0.72	92.58 -2.45 -0.88	105.16 -2.57 -0.55	102.70 -1.55 -0.62
SITHE_IND_GS1 24169	62.05 -2.26 -3.20	65.66 -2.70 -2.50	67.75 -2.97 -1.62	66.88 -2.93 -1.69	66.96 -2.86 -1.57	69.69 -2.99 -1.52	80.46 -3.29 -1.54	74.91 -3.14 -3.23	86.92 -4.09 -0.14	88.21 -4.03 -2.71	93.15 -4.33 -3.31	94.08 -4.39 -3.10	88.44 -4.09 -3.50	85.05 -3.84 -3.44	90.28 -4.10 -3.33	100.12 -4.58 -2.91	109.11 -4.98 -3.42	112.44 -4.83 -4.86	115.56 -4.72 -5.21	111.28 -5.05 -4.13	110.31 -5.04 -3.29	93.85 -4.33 -4.03	104.89 -4.82 -2.53	102.02 -4.45 -2.84
SITHE_IND_GS2 24170	62.05 -2.26 -3.20	65.66 -2.70 -2.50	67.75 -2.97 -1.62	66.88 -2.93 -1.69	66.96 -2.86 -1.57	69.69 -2.99 -1.52	80.46 -3.29 -1.54	74.91 -3.14 -3.23	86.92 -4.09 -0.14	88.21 -4.03 -2.71	93.15 -4.33 -3.31	94.08 -4.39 -3.10	88.44 -4.09 -3.50	85.05 -3.84 -3.44	90.28 -4.10 -3.33	100.12 -4.58 -2.91	109.11 -4.98 -3.42	112.44 -4.83 -4.86	115.56 -4.72 -5.21	111.28 -5.05 -4.13	110.31 -5.04 -3.29	93.85 -4.33 -4.03	104.89 -4.82 -2.53	102.02 -4.45 -2.84
SITHE_IND_GS3 24171	62.05 -2.26 -3.20	65.66 -2.70 -2.50	67.75 -2.97 -1.62	66.88 -2.93 -1.69	66.96 -2.86 -1.57	69.69 -2.99 -1.52	80.46 -3.29 -1.54	74.91 -3.14 -3.23	86.92 -4.09 -0.14	88.21 -4.03 -2.71	93.15 -4.33 -3.31	94.08 -4.39 -3.10	88.44 -4.09 -3.50	85.05 -3.84 -3.44	90.28 -4.10 -3.33	100.12 -4.58 -2.91	109.11 -4.98 -3.42	112.44 -4.83 -4.86	115.56 -4.72 -5.21	111.28 -5.05 -4.13	110.31 -5.04 -3.29	93.85 -4.33 -4.03	104.89 -4.82 -2.53	102.02 -4.45 -2.84
SITHE_IND_GS4 24172	62.05 -2.26 -3.20	65.66 -2.70 -2.50	67.75 -2.97 -1.62	66.88 -2.93 -1.69	66.96 -2.86 -1.57	69.69 -2.99 -1.52	80.46 -3.29 -1.54	74.91 -3.14 -3.23	86.92 -4.09 -0.14	88.21 -4.03 -2.71	93.15 -4.33 -3.31	94.08 -4.39 -3.10	88.44 -4.09 -3.50	85.05 -3.84 -3.44	90.28 -4.10 -3.33	100.12 -4.58 -2.91	109.11 -4.98 -3.42	112.44 -4.83 -4.86	115.56 -4.72 -5.21	111.28 -5.05 -4.13	110.31 -5.04 -3.29	93.85 -4.33 -4.03	104.89 -4.82 -2.53	102.02 -4.45 -2.84

SITHE___BATAVIA 24024	64.84 -2.63 -6.35	66.94 -3.89 -4.97	67.82 -4.49 -3.22	67.18 -4.29 -3.35	67.27 -4.09 -3.11	69.91 -4.27 -3.02	80.75 -4.52 -3.06	73.52 -4.64 -3.34	85.92 -7.72 -2.78	85.44 -6.98 -2.90	89.78 -7.82 -3.42	90.34 -8.20 -3.17	84.90 -7.75 -3.62	82.09 -6.92 -3.56	87.56 -6.92 -3.44	96.35 -8.45 -3.01	104.54 -9.63 -3.51	108.49 -8.88 -4.96	111.87 -8.51 -5.32	104.79 -9.76 -2.36	102.94 -9.86 -0.74	89.91 -8.38 -4.14	101.12 -8.68 -2.62	100.67 -5.90 -2.94
SITHE___INDEPEND 23800	62.05 -2.26 -3.20	65.66 -2.70 -2.50	67.75 -2.97 -1.62	66.88 -2.93 -1.69	66.95 -2.87 -1.57	69.69 -2.99 -1.52	80.46 -3.29 -1.54	74.90 -3.14 -3.23	86.92 -4.09 -0.14	88.21 -4.03 -2.71	93.15 -4.33 -3.31	94.08 -4.39 -3.10	88.44 -4.10 -3.50	85.05 -3.85 -3.44	90.27 -4.10 -3.33	100.12 -4.58 -2.91	108.99 -5.09 -3.42	112.44 -4.83 -4.86	115.68 -4.60 -5.21	111.27 -5.05 -4.13	110.31 -5.04 -3.29	93.85 -4.33 -4.03	104.78 -4.93 -2.53	102.02 -4.46 -2.84
SITHE___MASSENA 23902	60.25 -0.86 0.00	65.46 -0.39 0.00	68.82 -0.28 0.00	67.79 -0.34 0.00	67.78 -0.47 0.00	70.66 -0.49 0.00	81.30 -0.90 0.00	74.22 -0.60 0.00	89.78 -1.09 0.00	88.46 -1.07 0.00	93.05 -1.13 0.00	94.13 -1.24 0.00	87.97 -1.06 0.00	84.26 -1.20 0.00	89.58 -1.46 0.00	100.05 -1.73 0.00	108.67 -1.99 0.00	110.04 -2.37 0.00	112.20 -2.87 0.00	110.17 -2.02 0.00	110.05 -2.01 0.00	92.74 -1.41 0.00	105.46 -1.72 0.00	102.40 -1.24 0.00
SITHE___OGDNSBRG 24021	61.23 0.12 0.00	66.52 0.66 0.00	69.93 0.83 0.00	68.87 0.75 0.00	68.87 0.61 0.00	71.80 0.64 0.00	82.62 0.41 0.00	75.57 0.75 0.00	91.23 0.36 0.00	89.70 0.18 0.00	94.27 0.09 0.00	95.28 -0.10 0.00	89.03 0.00 0.00	85.20 -0.26 0.00	90.31 -0.73 0.00	100.97 -0.81 0.00	110.00 -0.66 0.00	111.40 -1.01 0.00	113.12 -1.96 0.00	111.63 -0.56 0.00	111.51 -0.56 0.00	93.96 -0.19 0.00	106.86 -0.32 0.00	104.05 0.41 0.00
SITHE___STERLING 23777	65.80 2.01 -2.68	69.87 1.91 -2.10	72.39 1.93 -1.36	71.52 1.98 -1.41	71.61 2.05 -1.31	74.71 2.28 -1.28	86.21 2.71 -1.29	80.22 2.69 -2.71	94.08 3.09 -0.12	94.66 2.86 -2.27	99.87 2.92 -2.78	100.83 2.86 -2.60	94.64 2.67 -2.93	90.82 2.48 -2.89	96.29 2.46 -2.79	107.39 3.16 -2.44	117.30 3.76 -2.87	120.76 4.27 -4.08	124.05 4.61 -4.37	119.69 4.03 -3.47	118.75 3.92 -2.76	100.54 3.01 -3.38	112.62 3.33 -2.12	109.23 3.22 -2.38
SLEIGHT__34_KV_TB1 80719	65.09 -1.53 -5.51	67.93 -2.24 -4.31	69.33 -2.56 -2.79	68.51 -2.52 -2.91	68.63 -2.32 -2.70	71.43 -2.35 -2.62	82.56 -2.30 -2.66	76.45 -2.69 -4.32	89.22 -4.09 -2.44	89.29 -3.94 -3.71	94.27 -4.33 -4.43	94.93 -4.58 -4.13	89.44 -4.27 -4.68	86.21 -3.91 -4.61	91.58 -4.68 -4.46	101.00 -5.42 -3.90	109.81 -5.47 -4.57	114.31 -4.61 -6.51	118.14 -3.91 -6.98	111.70 -5.27 -4.79	109.92 -5.49 -3.35	94.73 -4.80 -5.38	105.20 -5.36 -3.38	103.60 -3.83 -3.80
SOUTH CAIRO___GT 23612	110.60 3.85 -45.64	105.69 4.15 -35.68	96.41 4.22 -23.09	96.33 4.16 -24.05	94.99 4.37 -22.37	97.42 4.55 -21.71	109.79 5.59 -21.99	125.66 4.79 -46.05	129.23 5.91 -32.45	134.89 5.64 -39.72	146.58 5.18 -47.23	144.59 5.05 -44.16	143.57 4.63 -49.91	139.09 4.53 -49.11	143.55 5.01 -47.50	149.11 5.80 -41.52	166.35 6.86 -48.83	189.44 7.64 -69.39	197.81 8.40 -74.34	178.98 7.85 -58.94	166.47 7.51 -46.89	157.79 6.12 -57.52	149.86 6.65 -36.04	151.10 6.94 -40.52
SOUTH HAMPTN___IC 23720	122.55 6.11 -55.33	102.59 6.26 -30.47	95.25 6.43 -19.72	95.07 6.40 -20.54	93.63 6.28 -19.10	100.58 6.62 -22.81	142.90 7.72 -52.97	147.80 7.41 -65.58	148.20 9.73 -47.61	148.17 9.40 -49.24	147.77 9.70 -43.90	145.29 9.73 -40.18	145.08 8.99 -47.06	144.70 8.54 -50.70	147.56 9.38 -47.14	152.49 11.00 -39.71	165.02 12.06 -42.30	198.88 12.70 -73.77	229.28 12.66 -101.55	230.54 12.34 -106.01	186.86 11.87 -62.91	228.62 10.26 -124.20	151.29 12.00 -32.11	149.38 11.09 -34.65
SOUTHDOW_115KV_TB1 355954	65.00 -3.91 -7.80	66.82 -5.14 -6.10	67.38 -5.67 -3.95	66.85 -5.38 -4.11	66.89 -5.19 -3.82	69.46 -5.41 -3.71	80.29 -5.67 -3.76	72.81 -5.09 -3.08	88.48 -5.82 -3.42	86.41 -5.82 -2.70	91.30 -6.03 -3.15	92.56 -5.72 -2.91	86.93 -5.43 -3.33	83.43 -5.30 -3.28	88.20 -6.01 -3.17	98.45 -6.11 -2.78	107.90 -5.98 -3.21	111.31 -5.62 -4.52	114.39 -5.52 -4.85	106.98 -6.17 -0.96	104.78 -6.28 1.01	91.82 -6.12 -3.79	102.52 -7.07 -2.41	99.09 -7.25 -2.71
SOUTHOLD_69_KV_BK 2 55809	122.49 6.05 -55.33	102.52 6.19 -30.47	95.18 6.36 -19.72	95.00 6.34 -20.54	93.63 6.28 -19.10	100.58 6.62 -22.81	142.90 7.73 -52.97	147.88 7.48 -65.58	148.56 10.09 -47.61	148.44 9.67 -49.24	147.58 9.51 -43.90	145.09 9.54 -40.18	144.90 8.81 -47.06	144.53 8.37 -50.70	147.37 9.20 -47.14	152.38 10.89 -39.71	164.69 11.73 -42.30	198.77 12.59 -73.77	226.86 10.24 -101.55	230.31 12.12 -106.00	187.31 12.33 -62.91	228.31 9.98 -124.18	150.97 11.68 -32.11	149.37 11.09 -34.65
SOUTHOLD___IC 23719	122.49 6.05 -55.33	102.46 6.13 -30.47	95.18 6.35 -19.72	95.00 6.34 -20.54	93.63 6.28 -19.10	100.58 6.62 -22.81	142.90 7.72 -52.97	147.88 7.48 -65.58	148.56 10.09 -47.61	148.44 9.67 -49.24	147.58 9.51 -43.90	145.09 9.54 -40.18	144.91 8.82 -47.06	144.54 8.38 -50.70	147.37 9.19 -47.14	152.39 10.90 -39.71	164.68 11.72 -42.30	198.66 12.48 -73.77	229.05 12.43 -101.55	230.31 12.12 -106.00	186.53 11.55 -62.91	228.30 9.98 -124.18	150.98 11.68 -32.11	149.38 11.09 -34.65
SOUTH_FORK_WT_PWR 323839	121.87 5.44 -55.33	101.79 5.46 -30.47	94.49 5.67 -19.72	94.32 5.65 -20.54	92.88 5.53 -19.10	99.80 5.84 -22.81	142.08 6.91 -52.97	147.13 6.74 -65.58	147.84 9.36 -47.61	147.72 8.95 -49.24	146.55 8.48 -43.90	144.04 8.49 -40.18	143.93 7.84 -47.06	143.51 7.35 -50.70	146.37 8.20 -47.14	151.17 9.67 -39.71	163.13 10.17 -42.30	196.97 10.79 -73.77	227.43 10.81 -101.55	228.74 10.54 -106.01	184.95 9.97 -62.91	226.91 8.57 -124.19	149.48 10.19 -32.11	148.33 10.05 -34.65
SPIERFLS_115KV_TB 1 80737	115.64 5.01 -49.52	109.64 5.07 -38.71	99.61 5.46 -25.06	99.67 5.45 -26.09	98.25 5.73 -24.26	100.55 5.83 -23.55	112.89 6.82 -23.86	131.14 6.36 -49.96	166.96 8.00 -68.10	141.63 7.88 -44.23	153.70 8.29 -51.24	151.39 8.11 -47.91	150.66 7.48 -54.15	145.91 7.18 -53.28	149.95 7.37 -51.53	155.38 8.55 -45.05	173.26 9.63 -52.97	198.03 10.34 -75.28	206.42 10.70 -80.65	186.68 10.55 -63.95	173.03 10.09 -50.87	164.93 8.38 -62.40	155.71 9.43 -39.10	156.41 8.81 -43.96
ST LAWRENCE____ 23600	59.71 -1.40 0.00	64.80 -1.06 0.00	68.07 -1.03 0.00	67.10 -1.02 0.00	67.16 -1.09 0.00	70.02 -1.14 0.00	80.64 -1.56 0.00	73.47 -1.34 0.00	89.05 -1.82 0.00	87.74 -1.79 0.00	92.38 -1.79 0.00	93.47 -1.91 0.00	87.34 -1.69 0.00	83.74 -1.71 0.00	89.12 -1.92 0.00	99.55 -2.24 0.00	108.23 -2.44 0.00	109.49 -2.92 0.00	111.73 -3.34 0.00	109.61 -2.58 0.00	109.49 -2.57 0.00	92.17 -1.98 0.00	104.82 -2.36 0.00	101.66 -1.97 0.00
STATE_CA_115KV_115_LB 55624	112.29 2.87 -48.31	106.59 2.96 -37.77	96.65 3.11 -24.45	96.65 3.07 -25.46	95.07 3.14 -23.67	97.34 3.20 -22.98	109.18 3.70 -23.28	126.71 3.14 -48.75	144.15 3.91 -49.37	136.03 3.94 -42.56	148.21 4.05 -49.99	146.22 4.10 -46.74	145.69 3.83 -52.83	141.11 3.67 -51.98	145.23 3.91 -50.28	149.60 3.87 -43.95	166.44 4.09 -51.68	190.01 4.16 -73.44	198.01 4.26 -78.69	178.73 4.15 -62.39	165.74 4.03 -49.63	158.42 3.39 -60.88	149.29 3.97 -38.14	150.67 4.15 -42.89

STATE_ST_34_KV_LOAD 55959	66.65 -0.24 -5.79	69.66 -0.72 -4.52	71.13 -0.90 -2.93	70.29 -0.89 -3.05	70.34 -0.75 -2.83	73.20 -0.71 -2.75	84.58 -0.41 -2.79	81.68 -0.37 -7.24	92.75 -0.82 -2.70	94.88 -0.81 -6.16	100.56 -1.04 -7.42	101.18 -1.14 -6.95	95.72 -1.16 -7.85	92.15 -1.03 -7.72	97.41 -1.09 -7.47	107.19 -1.12 -6.53	117.35 -1.00 -7.69	123.28 -0.22 -11.10	127.31 0.35 -11.89	121.97 -0.56 -10.34	120.19 -0.67 -8.79	102.36 -0.85 -9.06	111.66 -1.18 -5.66	108.96 -1.04 -6.36
STATION 5_MISC_HYD 23604	64.85 -1.89 -5.64	67.37 -2.90 -4.41	68.64 -3.32 -2.85	67.90 -3.20 -2.97	67.95 -3.07 -2.76	70.64 -3.20 -2.68	81.71 -3.21 -2.72	74.24 -3.97 -3.39	87.23 -6.09 -2.45	86.64 -5.82 -2.93	91.15 -6.50 -3.48	91.84 -6.77 -3.23	86.30 -6.41 -3.67	83.34 -5.72 -3.62	88.89 -5.64 -3.50	97.82 -7.02 -3.06	106.05 -8.19 -3.57	109.93 -7.53 -5.05	113.24 -7.25 -5.41	106.89 -8.19 -2.89	105.21 -8.29 -1.43	91.30 -7.06 -4.21	102.33 -7.51 -2.66	101.44 -5.18 -2.99
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	65.64 -1.10 -5.63	68.42 -1.84 -4.40	69.81 -2.14 -2.85	69.05 -2.04 -2.97	69.10 -1.91 -2.76	71.91 -1.92 -2.68	83.19 -1.73 -2.71	76.12 -2.09 -3.40	89.87 -3.45 -2.45	89.06 -3.40 -2.94	93.80 -3.86 -3.48	94.51 -4.10 -3.24	88.89 -3.83 -3.68	85.57 -3.50 -3.62	90.99 -3.55 -3.50	100.58 -4.27 -3.07	109.26 -4.98 -3.58	113.41 -4.05 -5.05	117.26 -3.22 -5.41	110.59 -4.49 -2.89	108.80 -4.71 -1.43	94.13 -4.24 -4.22	105.13 -4.72 -2.66	103.42 -3.21 -2.99
STA_56_34_KV_BUS2_REV_LBMP_B 345033	64.39 -2.32 -5.60	67.14 -3.10 -4.38	68.41 -3.52 -2.83	67.67 -3.41 -2.95	67.72 -3.28 -2.74	70.41 -3.42 -2.66	81.37 -3.53 -2.70	74.10 -4.12 -3.40	87.12 -6.18 -2.43	86.55 -5.91 -2.94	91.07 -6.59 -3.49	91.75 -6.87 -3.24	86.22 -6.50 -3.68	83.27 -5.81 -3.62	88.72 -5.83 -3.51	97.63 -7.23 -3.07	105.95 -8.30 -3.58	109.83 -7.64 -5.07	113.71 -6.79 -5.43	106.82 -8.30 -2.93	105.15 -8.41 -1.48	91.22 -7.16 -4.22	102.02 -7.82 -2.66	101.14 -5.49 -3.00
STA_56__34_KV_BUS2 355983	64.39 -2.32 -5.60	67.14 -3.10 -4.38	68.41 -3.52 -2.83	67.67 -3.41 -2.95	67.72 -3.28 -2.74	70.41 -3.42 -2.66	81.37 -3.53 -2.70	74.10 -4.12 -3.40	87.12 -6.18 -2.43	86.55 -5.91 -2.94	91.07 -6.59 -3.49	91.75 -6.87 -3.24	86.22 -6.50 -3.68	83.27 -5.81 -3.62	88.72 -5.83 -3.51	97.63 -7.23 -3.07	105.95 -8.30 -3.58	109.83 -7.64 -5.07	113.71 -6.79 -5.43	106.82 -8.30 -2.93	105.15 -8.41 -1.48	91.22 -7.16 -4.22	102.02 -7.82 -2.66	101.14 -5.49 -3.00
STA_67__115KV_BK2 355882	64.54 -2.20 -5.63	67.23 -3.03 -4.40	68.50 -3.46 -2.85	67.76 -3.34 -2.97	67.81 -3.21 -2.76	70.49 -3.34 -2.68	81.47 -3.45 -2.71	74.02 -4.19 -3.39	86.96 -6.36 -2.45	86.46 -6.00 -2.93	90.87 -6.78 -3.48	91.55 -7.06 -3.23	86.12 -6.59 -3.67	83.17 -5.92 -3.62	88.62 -5.92 -3.50	97.52 -7.33 -3.06	105.71 -8.52 -3.57	109.60 -7.87 -5.05	113.47 -7.02 -5.41	106.67 -8.41 -2.89	104.88 -8.63 -1.44	91.02 -7.34 -4.21	102.01 -7.82 -2.66	101.23 -5.39 -2.99
STA_7__115KV_9TRANS 80674	64.98 -1.77 -5.64	67.63 -2.63 -4.41	68.98 -2.97 -2.85	68.17 -2.93 -2.97	68.29 -2.73 -2.76	70.99 -2.85 -2.68	82.13 -2.79 -2.72	74.69 -3.52 -3.39	87.78 -5.54 -2.45	87.17 -5.28 -2.93	91.72 -5.93 -3.48	92.41 -6.20 -3.23	86.83 -5.88 -3.67	83.86 -5.21 -3.62	89.35 -5.19 -3.50	98.43 -6.41 -3.06	106.71 -7.52 -3.57	110.72 -6.74 -5.05	114.50 -5.98 -5.41	107.67 -7.40 -2.89	105.99 -7.51 -1.43	91.86 -6.50 -4.21	102.87 -6.97 -2.66	101.96 -4.66 -2.99
STA_82__115KV_TB1 80780	64.57 -2.20 -5.66	67.25 -3.03 -4.43	68.58 -3.39 -2.86	67.77 -3.34 -2.98	67.89 -3.14 -2.77	70.58 -3.27 -2.69	81.56 -3.37 -2.73	74.10 -4.12 -3.39	87.06 -6.27 -2.46	86.46 -6.00 -2.93	90.97 -6.69 -3.48	91.64 -6.96 -3.23	86.12 -6.59 -3.67	83.17 -5.90 -3.62	88.71 -5.83 -3.50	97.62 -7.23 -3.06	105.83 -8.41 -3.57	109.71 -7.76 -5.05	113.47 -7.02 -5.41	106.65 -8.41 -2.88	104.97 -8.52 -1.42	91.11 -7.25 -4.21	102.01 -7.82 -2.66	101.23 -5.39 -2.99
STEEL__WIND 323596	63.88 -4.52 -7.30	65.57 -5.99 -5.71	66.16 -6.63 -3.69	65.56 -6.41 -3.85	65.48 -6.35 -3.58	67.94 -6.69 -3.47	78.24 -7.48 -3.52	70.50 -7.55 -3.23	84.44 -9.63 -3.20	83.04 -9.31 -2.83	87.51 -9.98 -3.32	88.43 -10.01 -3.06	83.19 -9.35 -3.50	80.10 -8.80 -3.45	85.18 -9.19 -3.34	94.32 -10.38 -2.92	102.88 -11.17 -3.39	106.30 -10.90 -4.79	109.27 -10.93 -5.13	102.12 -11.67 -1.60	100.17 -11.66 0.24	87.97 -10.17 -3.99	98.78 -10.93 -2.54	96.95 -9.53 -2.85
STEPHTWN_115KV_BK_2 55603	112.25 3.36 -47.78	106.64 3.42 -37.35	96.94 3.66 -24.18	96.91 3.61 -25.18	95.35 3.69 -23.41	97.73 3.84 -22.73	109.67 4.44 -23.02	126.85 3.82 -48.21	137.19 4.73 -41.60	136.03 4.66 -41.85	148.42 4.80 -49.44	146.46 4.86 -46.23	145.73 4.45 -52.25	141.22 4.36 -51.41	145.32 4.55 -49.72	149.94 4.68 -43.47	166.76 4.98 -51.11	190.33 5.28 -72.64	198.42 5.52 -77.82	179.28 5.39 -61.70	166.31 5.16 -49.09	158.60 4.24 -60.21	149.83 4.93 -37.72	151.13 5.08 -42.42
STEUBEN_REC_LFGE 323667	66.47 -3.85 -9.21	68.05 -5.01 -7.20	68.23 -5.53 -4.66	67.60 -5.38 -4.85	67.51 -5.26 -4.51	70.20 -5.34 -4.38	80.89 -5.75 -4.44	65.66 -5.24 3.92	87.88 -6.82 -3.83	79.40 -6.98 3.14	82.52 -7.63 4.03	83.58 -7.92 3.88	77.38 -7.39 4.26	74.00 -7.26 4.19	79.25 -7.74 4.05	90.11 -8.14 3.53	98.29 -8.08 4.29	98.88 -6.86 6.68	101.47 -6.44 7.16	91.00 -7.29 13.89	88.56 -7.40 16.11	82.41 -6.68 5.05	96.31 -7.82 3.05	92.54 -7.67 3.43
STILLWATER__SOLAR 323814	114.58 4.21 -49.26	108.71 4.35 -38.51	98.66 4.63 -24.92	98.65 4.56 -25.96	97.10 4.71 -24.14	99.43 4.84 -23.43	111.53 5.59 -23.73	129.68 5.16 -49.70	163.03 6.45 -65.71	139.81 6.36 -43.93	151.73 6.59 -50.97	149.61 6.58 -47.66	149.04 6.14 -53.86	144.35 5.89 -53.00	148.40 6.10 -51.26	153.72 7.12 -44.81	171.33 7.97 -52.70	195.73 8.43 -74.89	204.04 8.74 -80.23	184.32 8.52 -63.61	170.85 8.18 -50.61	163.01 6.78 -62.08	153.79 7.72 -38.89	154.42 7.05 -43.73
STONY__BROOK 24151	122.43 5.99 -55.33	102.46 6.13 -30.47	95.11 6.29 -19.72	94.93 6.26 -20.54	93.50 6.15 -19.10	100.44 6.47 -22.81	142.65 7.48 -52.97	147.51 7.11 -65.58	147.75 9.27 -47.61	147.81 9.04 -49.24	147.77 9.70 -43.90	145.38 9.83 -40.18	145.18 9.09 -47.06	144.88 8.72 -50.70	147.64 9.47 -47.14	152.39 10.90 -39.71	165.02 12.06 -42.30	198.45 12.25 -73.78	230.45 12.43 -102.95	233.82 12.01 -109.62	186.98 12.00 -62.92	237.57 10.36 -133.06	151.19 11.90 -32.12	148.86 10.58 -34.65
STURGEON_POOL_HYD 23609	104.29 3.06 -40.13	100.52 3.29 -31.37	92.72 3.32 -20.31	92.54 3.27 -21.15	91.13 3.21 -19.66	93.66 3.42 -19.09	105.65 4.11 -19.34	119.28 3.97 -40.49	116.17 5.54 -19.76	129.61 5.46 -34.63	141.54 5.84 -41.52	140.21 6.01 -38.83	138.44 5.52 -43.88	133.93 5.30 -43.18	138.63 5.83 -41.76	145.01 6.72 -36.51	161.01 7.41 -42.93	181.29 7.87 -61.01	188.72 8.29 -65.36	171.87 7.85 -51.82	161.03 7.73 -41.23	151.13 6.40 -50.57	146.15 7.29 -31.68	145.38 6.11 -35.63
ST_LAW_115_BK7_LBMP 345037	59.64 -1.47 0.00	64.80 -1.06 0.00	68.07 -1.03 0.00	67.03 -1.09 0.00	67.09 -1.16 0.00	69.95 -1.21 0.00	80.56 -1.64 0.00	73.47 -1.34 0.00	89.05 -1.82 0.00	87.64 -1.88 0.00	92.29 -1.88 0.00	93.47 -1.91 0.00	87.25 -1.78 0.00	83.65 -1.80 0.00	89.04 -2.00 0.00	99.45 -2.34 0.00	108.12 -2.54 0.00	109.26 -3.15 0.00	111.62 -3.45 0.00	109.50 -2.69 0.00	109.38 -2.69 0.00	92.08 -2.07 0.00	104.72 -2.46 0.00	101.56 -2.07 0.00

ST_LAW_115_BK8_LBMP 345038	59.64 -1.47 0.00	64.80 -1.06 0.00	68.07 -1.03 0.00	67.03 -1.09 0.00	67.09 -1.16 0.00	69.95 -1.21 0.00	80.56 -1.64 0.00	73.47 -1.34 0.00	89.05 -1.82 0.00	87.64 -1.88 0.00	92.29 -1.88 0.00	93.47 -1.91 0.00	87.25 -1.78 0.00	83.65 -1.80 0.00	89.04 -2.00 0.00	99.45 -2.34 0.00	108.12 -2.54 0.00	109.26 -3.15 0.00	111.62 -3.45 0.00	109.50 -2.69 0.00	109.38 -2.69 0.00	92.08 -2.07 0.00	104.72 -2.46 0.00	101.56 -2.07 0.00
ST_LAW_230_BK5_LBMP 345035	59.71 -1.40 0.00	64.80 -1.06 0.00	68.07 -1.03 0.00	67.10 -1.02 0.00	67.16 -1.09 0.00	70.02 -1.14 0.00	80.64 -1.56 0.00	73.47 -1.34 0.00	89.05 -1.82 0.00	87.74 -1.79 0.00	92.38 -1.79 0.00	93.47 -1.91 0.00	87.34 -1.69 0.00	83.74 -1.71 0.00	89.12 -1.92 0.00	99.55 -2.24 0.00	108.23 -2.44 0.00	109.49 -2.92 0.00	111.73 -3.34 0.00	109.61 -2.58 0.00	109.49 -2.57 0.00	92.17 -1.98 0.00	104.82 -2.36 0.00	101.66 -1.97 0.00
ST_LAW_230_BK6_LBMP 345036	59.71 -1.40 0.00	64.80 -1.06 0.00	68.07 -1.03 0.00	67.10 -1.02 0.00	67.16 -1.09 0.00	70.02 -1.14 0.00	80.64 -1.56 0.00	73.47 -1.34 0.00	89.05 -1.82 0.00	87.74 -1.79 0.00	92.38 -1.79 0.00	93.47 -1.91 0.00	87.34 -1.69 0.00	83.74 -1.71 0.00	89.12 -1.92 0.00	99.55 -2.24 0.00	108.23 -2.44 0.00	109.49 -2.92 0.00	111.73 -3.34 0.00	109.61 -2.58 0.00	109.49 -2.57 0.00	92.17 -1.98 0.00	104.82 -2.36 0.00	101.66 -1.97 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	100.71 3.06 -36.55	97.66 3.23 -28.57	90.91 3.32 -18.49	90.65 3.27 -19.26	89.37 3.21 -17.91	91.89 3.34 -17.38	103.76 3.95 -17.61	115.50 3.74 -36.94	111.76 5.18 -15.71	126.14 5.10 -31.51	137.61 5.56 -37.88	136.52 5.72 -35.42	134.41 5.34 -40.03	129.97 5.13 -39.39	134.69 5.55 -38.10	141.40 6.31 -33.31	156.69 6.86 -39.17	175.37 7.31 -55.66	182.29 7.59 -59.63	166.65 7.18 -47.28	156.85 7.17 -37.61	146.31 6.03 -46.14	142.84 6.75 -28.90	141.89 5.80 -32.45
SWANROAD_115KV_TB1 355699	62.20 -5.68 -6.77	64.17 -6.98 -5.29	64.86 -7.67 -3.43	64.27 -7.43 -3.57	64.20 -7.37 -3.32	66.55 -7.83 -3.22	76.43 -9.04 -3.26	69.60 -8.53 -3.31	80.66 -13.18 -2.96	80.95 -11.46 -2.88	84.95 -12.62 -3.40	85.45 -13.07 -3.14	80.51 -12.11 -3.59	78.13 -10.85 -3.53	83.62 -10.83 -3.42	91.54 -13.23 -2.99	98.54 -15.60 -3.48	101.82 -15.51 -4.92	105.50 -14.84 -5.27	98.00 -16.27 -2.08	96.17 -16.25 -0.35	84.79 -13.46 -4.10	95.84 -13.93 -2.59	96.29 -10.26 -2.91
SYNERGY___BIOGAS 323694	64.84 -2.63 -6.35	66.94 -3.89 -4.97	67.82 -4.49 -3.22	67.18 -4.29 -3.35	67.27 -4.09 -3.11	69.91 -4.27 -3.02	80.75 -4.52 -3.06	73.52 -4.64 -3.34	85.92 -7.72 -2.78	85.44 -6.98 -2.90	89.78 -7.82 -3.42	90.34 -8.20 -3.17	84.90 -7.75 -3.62	82.09 -6.92 -3.56	87.56 -6.92 -3.44	96.35 -8.45 -3.01	104.54 -9.63 -3.51	108.49 -8.88 -4.96	111.87 -8.51 -5.32	104.79 -9.76 -2.36	102.94 -9.86 -0.74	89.91 -8.38 -4.14	101.12 -8.68 -2.62	100.67 -5.90 -2.94
SYRACUSE___ENERGY_ST1 323597	65.65 -0.31 -4.84	68.92 -0.72 -3.79	70.65 -0.90 -2.45	69.79 -0.89 -2.55	69.81 -0.82 -2.37	72.68 -0.78 -2.30	83.80 -0.74 -2.33	79.03 -0.67 -4.89	91.93 -1.09 -2.15	92.62 -1.07 -4.17	98.06 -1.13 -5.01	98.82 -1.24 -4.69	93.17 -1.16 -5.30	89.55 -1.11 -5.21	94.99 -1.09 -5.04	105.07 -1.12 -4.41	114.63 -1.22 -5.18	119.21 -0.56 -7.36	122.85 -0.12 -7.89	117.55 -0.90 -6.26	116.04 -1.01 -4.98	99.22 -1.04 -6.11	109.72 -1.29 -3.82	106.79 -1.14 -4.30
SYRACUSE___ENERGY_ST2 323598	65.65 -0.31 -4.84	68.92 -0.72 -3.79	70.65 -0.90 -2.45	69.79 -0.89 -2.55	69.81 -0.82 -2.37	72.68 -0.78 -2.30	83.80 -0.74 -2.33	79.03 -0.67 -4.89	91.93 -1.09 -2.15	92.62 -1.07 -4.17	98.06 -1.13 -5.01	98.82 -1.24 -4.69	93.17 -1.16 -5.30	89.55 -1.11 -5.21	94.99 -1.09 -5.04	105.07 -1.12 -4.41	114.63 -1.22 -5.18	119.21 -0.56 -7.36	122.85 -0.12 -7.89	117.55 -0.90 -6.26	116.04 -1.01 -4.98	99.22 -1.04 -6.11	109.72 -1.29 -3.82	106.79 -1.14 -4.30
SYRACUSE___POWER 24017	65.47 -0.61 -4.98	68.69 -1.05 -3.89	70.37 -1.24 -2.52	69.59 -1.16 -2.62	69.53 -1.16 -2.44	72.39 -1.14 -2.37	83.45 -1.15 -2.40	79.74 -1.05 -5.97	91.57 -1.54 -2.25	93.08 -1.52 -5.08	98.60 -1.70 -6.12	99.39 -1.72 -5.73	93.90 -1.60 -6.47	90.28 -1.54 -6.37	95.65 -1.55 -6.16	105.54 -1.63 -5.38	115.23 -1.77 -6.34	120.38 -1.12 -9.09	124.01 -0.81 -9.74	118.95 -1.57 -8.33	117.50 -1.57 -7.00	100.11 -1.51 -7.47	110.03 -1.82 -4.67	107.23 -1.66 -5.25
TALLMAN___138KV_BK151 55660	101.96 3.36 -37.49	98.73 3.56 -29.31	91.67 3.59 -18.97	91.43 3.54 -19.76	90.11 3.48 -18.37	92.62 3.63 -17.83	104.54 4.27 -18.07	116.85 4.12 -37.92	112.71 5.72 -16.12	127.51 5.64 -32.34	139.27 6.22 -38.88	138.12 6.39 -36.36	136.09 5.97 -41.09	131.61 5.73 -40.44	136.34 6.19 -39.11	143.00 7.02 -34.19	158.50 7.64 -40.20	177.52 7.98 -57.13	184.56 8.29 -61.21	168.57 7.85 -48.53	158.52 7.84 -38.61	148.19 6.68 -47.36	144.35 7.50 -29.67	143.24 6.32 -33.29
TEALLAVE_115KV_TB7 355573	64.49 -0.92 -4.30	67.90 -1.32 -3.36	69.75 -1.52 -2.17	68.89 -1.50 -2.26	68.92 -1.43 -2.11	71.78 -1.42 -2.04	82.71 -1.56 -2.07	77.66 -1.50 -4.34	88.97 -2.09 -0.19	91.20 -1.97 -3.64	96.45 -2.17 -4.45	97.24 -2.29 -4.16	91.60 -2.14 -4.70	88.11 -1.97 -4.62	93.42 -2.09 -4.47	103.46 -2.24 -3.91	112.82 -2.43 -4.60	117.03 -1.91 -6.53	120.46 -1.61 -7.00	115.38 -2.36 -5.55	114.13 -2.35 -4.42	97.40 -2.17 -5.42	108.00 -2.57 -3.39	105.17 -2.28 -3.81
TELGRAPH_34_KV_EAST 80808	63.54 -4.09 -6.52	65.69 -5.27 -5.10	66.53 -5.87 -3.30	65.91 -5.65 -3.44	65.92 -5.53 -3.20	68.42 -5.83 -3.10	78.85 -6.49 -3.14	71.63 -6.51 -3.32	83.63 -8.95 -2.85	83.46 -9.89 -2.89	87.69 -10.30 -3.41	88.23 -9.62 -3.16	83.02 -9.62 -3.60	80.36 -8.63 -3.54	85.82 -8.65 -3.43	94.20 -10.59 -3.00	101.87 -12.28 -3.49	105.54 -11.80 -4.94	109.31 -11.05 -5.29	101.86 -12.57 -2.23	99.97 -12.66 -0.57	87.63 -10.64 -4.11	98.64 -11.15 -2.60	98.58 -7.98 -2.93
TEMPLE___115KV_TB 2 55572	64.54 -0.92 -4.35	67.94 -1.32 -3.40	69.78 -1.52 -2.20	68.92 -1.50 -2.29	68.95 -1.43 -2.13	71.80 -1.42 -2.07	82.74 -1.56 -2.09	77.71 -1.50 -4.39	89.06 -2.00 -0.19	91.24 -1.97 -3.69	96.51 -2.17 -4.50	97.29 -2.29 -4.21	91.65 -2.14 -4.76	88.17 -1.97 -4.68	93.56 -2.00 -4.53	103.50 -2.24 -3.96	112.88 -2.43 -4.65	117.11 -1.91 -6.61	120.54 -1.61 -7.08	115.45 -2.36 -5.62	114.18 -2.35 -4.47	97.46 -2.17 -5.48	108.04 -2.57 -3.43	105.32 -2.18 -3.86
TIANA____69_KV_BK 1 55817	122.55 6.11 -55.33	102.65 6.32 -30.47	95.32 6.50 -19.72	95.14 6.47 -20.54	93.70 6.35 -19.10	100.65 6.69 -22.81	142.90 7.73 -52.97	147.80 7.41 -65.58	148.20 9.72 -47.61	148.17 9.40 -49.24	147.86 9.79 -43.90	145.38 9.82 -40.18	145.17 9.08 -47.06	144.79 8.63 -50.70	147.64 9.47 -47.14	152.49 10.99 -39.71	165.24 12.28 -42.30	198.99 12.81 -73.77	229.85 13.23 -101.55	230.76 12.57 -106.00	187.76 12.78 -62.91	228.78 10.45 -124.18	151.51 12.22 -32.11	149.37 11.09 -34.65
TILDEN___115KV_TB1 80814	65.47 -0.61 -4.98	68.69 -1.05 -3.89	70.37 -1.24 -2.52	69.59 -1.16 -2.62	69.53 -1.16 -2.44	72.39 -1.14 -2.37	83.45 -1.15 -2.40	79.74 -1.05 -5.97	91.57 -1.54 -2.25	93.08 -1.52 -5.08	98.60 -1.70 -6.12	99.39 -1.72 -5.73	93.90 -1.60 -6.47	90.28 -1.54 -6.37	95.65 -1.55 -6.16	105.54 -1.63 -5.38	115.23 -1.77 -6.34	120.38 -1.12 -9.09	124.01 -0.81 -9.74	118.95 -1.57 -8.33	117.50 -1.57 -7.00	100.11 -1.51 -7.47	110.03 -1.82 -4.67	107.23 -1.66 -5.25

TRIGEN___CC 323695	121.26 4.83 -55.33	101.27 4.94 -30.47	93.87 5.04 -19.72	93.71 5.04 -20.54	92.27 4.91 -19.10	99.16 5.19 -22.81	141.25 6.08 -52.97	146.23 5.84 -65.58	146.20 7.72 -47.61	146.38 7.61 -49.24	146.55 8.48 -43.90	144.33 8.77 -40.18	144.19 8.10 -47.06	143.93 7.78 -50.70	146.55 8.38 -47.14	150.96 9.47 -39.71	163.25 10.29 -42.30	196.73 10.68 -73.65	216.81 11.05 -90.69	200.63 10.55 -77.90	185.47 10.53 -62.87	158.32 8.94 -55.23	149.33 10.07 -32.07	147.05 8.81 -34.60
TRINITY___115KV___4 BK 55933	111.68 2.69 -47.88	106.06 2.77 -37.44	96.23 2.90 -24.23	96.22 2.86 -25.23	94.65 2.93 -23.46	96.99 3.06 -22.78	108.73 3.45 -23.07	126.05 2.92 -48.32	137.19 3.54 -42.77	135.08 3.58 -41.97	147.39 3.67 -49.55	145.42 3.72 -46.33	144.87 3.47 -52.36	140.31 3.33 -51.52	144.42 3.55 -49.83	148.91 3.56 -43.56	165.54 3.65 -51.23	188.91 3.71 -72.79	196.86 3.80 -77.99	177.61 3.59 -61.84	164.85 3.59 -49.19	157.51 3.01 -60.34	148.52 3.54 -37.81	149.88 3.73 -42.51
UNION___PROCESSING_DRP 323587	64.57 -2.20 -5.66	67.32 -2.96 -4.43	68.58 -3.39 -2.87	67.84 -3.27 -2.99	67.89 -3.14 -2.78	70.58 -3.27 -2.69	81.56 -3.37 -2.73	74.10 -4.12 -3.40	87.06 -6.27 -2.46	86.46 -6.00 -2.94	90.97 -6.69 -3.48	91.65 -6.96 -3.24	86.13 -6.59 -3.68	83.18 -5.90 -3.62	88.72 -5.83 -3.50	97.62 -7.23 -3.07	105.83 -8.41 -3.58	109.72 -7.76 -5.06	113.59 -6.90 -5.42	106.66 -8.41 -2.89	104.98 -8.52 -1.42	91.12 -7.25 -4.22	102.02 -7.82 -2.66	101.24 -5.39 -2.99
UPPER HUDSON___HYD 24058	115.64 5.01 -49.52	109.77 5.20 -38.71	99.61 5.46 -25.06	99.67 5.45 -26.09	98.25 5.73 -24.26	100.55 5.84 -23.55	112.88 6.82 -23.86	131.14 6.36 -49.96	166.96 8.00 -68.10	141.63 7.88 -44.23	153.70 8.29 -51.24	151.38 8.10 -47.91	150.66 7.48 -54.15	145.91 7.18 -53.28	149.94 7.37 -51.53	155.39 8.55 -45.05	173.26 9.62 -52.97	198.02 10.34 -75.28	206.43 10.70 -80.65	186.68 10.54 -63.95	173.03 10.09 -50.87	164.93 8.38 -62.40	155.71 9.43 -39.10	156.40 8.80 -43.96
UPPER RAQUET___HYD 24056	61.07 -0.73 -0.70	66.14 -0.26 -0.54	69.31 -0.14 -0.35	68.29 -0.20 -0.37	68.19 -0.41 -0.34	71.06 -0.42 -0.33	81.72 -0.82 -0.34	75.08 -0.45 -0.70	89.81 -1.09 -0.03	88.95 -1.17 -0.59	93.77 -1.13 -0.72	94.71 -1.34 -0.67	88.64 -1.16 -0.76	84.58 -1.63 -0.75	89.31 -2.45 -0.73	99.46 -2.96 -0.63	107.98 -3.43 -0.75	109.65 -3.82 -1.06	111.95 -4.26 -1.14	109.73 -3.36 -0.90	109.42 -3.36 -0.72	92.58 -2.45 -0.88	105.16 -2.57 -0.55	102.70 -1.55 -0.62
VALLEY44_115KV_TB2 355964	63.37 -5.74 -8.01	65.14 -6.98 -6.26	65.48 -7.67 -4.05	64.92 -7.43 -4.22	64.80 -7.37 -3.92	67.21 -7.76 -3.81	77.43 -8.63 -3.86	70.46 -7.48 -3.13	87.12 -7.27 -3.52	84.49 -7.79 -2.75	89.85 -7.53 -3.21	91.27 -7.06 -2.95	85.48 -6.94 -3.39	81.44 -7.35 -3.33	85.89 -8.38 -3.22	96.97 -7.63 -2.82	107.29 -6.64 -3.27	110.72 -6.29 -4.60	112.98 -7.02 -4.93	106.16 -6.96 -0.93	104.02 -6.95 1.10	91.13 -6.87 -3.85	101.70 -7.93 -2.45	96.34 -10.05 -2.76
VALLEY___115KV_TB 1-4 80826	62.02 0.92 0.00	66.78 0.92 0.00	70.00 0.90 0.00	69.01 0.89 0.00	69.14 0.89 0.00	72.08 0.93 0.00	83.36 1.15 0.00	75.94 1.12 0.00	92.23 1.36 0.00	90.87 1.34 0.00	95.68 1.51 0.00	96.90 1.53 0.00	90.46 1.42 0.00	86.82 1.37 0.00	92.31 1.27 0.00	103.21 1.42 0.00	112.21 1.55 0.00	114.10 1.69 0.00	116.80 1.73 0.00	113.76 1.57 0.00	113.52 1.46 0.00	95.37 1.22 0.00	108.89 1.71 0.00	105.19 1.55 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	82.21 3.91 -17.19	83.38 4.08 -13.44	81.95 4.15 -8.70	81.41 4.22 -9.06	80.84 4.16 -8.42	83.68 4.34 -8.18	95.50 5.01 -8.28	97.11 4.94 -17.35	111.15 6.27 -14.01	110.82 6.27 -15.03	118.56 6.59 -17.79	118.69 6.68 -16.64	113.98 6.14 -18.81	109.68 5.73 -18.50	114.76 5.83 -17.90	124.25 6.82 -15.65	136.92 7.86 -18.40	146.99 8.43 -26.14	152.17 9.09 -28.01	142.81 8.41 -22.21	138.14 8.41 -17.67	122.79 6.97 -21.67	128.58 7.82 -13.58	126.15 7.25 -15.26
VISCHER___FERRY HYD 24020	113.15 3.54 -48.50	107.46 3.69 -37.92	97.51 3.87 -24.54	97.50 3.81 -25.56	95.91 3.89 -23.77	98.28 4.05 -23.07	110.26 4.68 -23.37	127.94 4.19 -48.94	153.88 5.36 -57.65	137.81 5.28 -43.01	149.72 5.37 -50.18	147.73 5.43 -46.92	147.05 4.98 -53.04	142.42 4.78 -52.19	146.61 5.10 -50.47	151.71 5.80 -44.12	168.96 6.42 -51.89	192.77 6.63 -73.73	200.85 6.79 -78.99	181.33 6.50 -62.63	168.28 6.38 -49.83	160.54 5.27 -61.12	151.47 6.00 -38.29	152.18 5.49 -43.06
V_A_10_SYNC_DSASP 323832	63.70 -3.61 -6.20	65.90 -4.80 -4.85	66.78 -5.46 -3.14	66.15 -5.24 -3.27	66.10 -5.19 -3.04	68.63 -5.48 -2.95	79.03 -6.17 -2.99	71.08 -7.11 -3.37	83.13 -10.45 -2.71	82.69 -9.76 -2.92	86.80 -10.83 -3.45	87.32 -11.26 -3.20	82.18 -10.51 -3.65	79.64 -9.40 -3.59	85.23 -9.29 -3.47	93.43 -11.40 -3.04	100.70 -13.50 -3.54	104.16 -13.27 -5.01	107.43 -13.00 -5.37	100.76 -13.92 -2.48	99.05 -13.90 -0.88	86.93 -11.40 -4.17	97.71 -12.11 -2.64	97.90 -8.71 -2.97
V_CMM_10_SYNC_DSASP 323787	59.89 -1.22 0.00	65.07 -0.79 0.00	68.41 -0.69 0.00	67.38 -0.75 0.00	67.44 -0.82 0.00	70.31 -0.85 0.00	80.89 -1.32 0.00	73.77 -1.05 0.00	89.32 -1.55 0.00	88.00 -1.52 0.00	92.66 -1.51 0.00	93.75 -1.62 0.00	87.61 -1.43 0.00	84.00 -1.45 0.00	89.31 -1.73 0.00	99.85 -1.94 0.00	108.45 -2.21 0.00	109.71 -2.70 0.00	112.08 -2.99 0.00	109.83 -2.36 0.00	109.83 -2.24 0.00	92.46 -1.69 0.00	105.14 -2.04 0.00	101.97 -1.66 0.00
V_CMP_10_SYNC_DSASP 323788	59.76 -1.34 0.00	64.80 -1.06 0.00	67.86 -1.24 0.00	66.76 -1.36 0.00	66.82 -1.44 0.00	69.59 -1.57 0.00	79.49 -2.71 0.00	72.58 -2.24 0.00	87.69 -3.18 0.00	86.39 -3.14 0.00	90.97 -3.20 0.00	92.03 -3.34 0.00	86.01 -3.03 0.00	82.46 -2.99 0.00	87.67 -3.37 0.00	98.02 -3.76 0.00	106.57 -4.09 0.00	107.80 -4.61 0.00	110.13 -4.94 0.00	108.04 -4.15 0.00	107.92 -4.14 0.00	90.76 -3.39 0.00	103.11 -4.07 0.00	100.84 -2.79 0.00
V_D_10_SYNC_DSASP 323841	60.25 -0.86 0.00	65.46 -0.39 0.00	68.82 -0.28 0.00	67.79 -0.34 0.00	67.78 -0.47 0.00	70.66 -0.49 0.00	81.30 -0.90 0.00	74.22 -0.60 0.00	89.78 -1.09 0.00	88.46 -1.07 0.00	93.05 -1.13 0.00	94.13 -1.24 0.00	87.97 -1.06 0.00	84.26 -1.20 0.00	89.58 -1.46 0.00	100.05 -1.73 0.00	108.67 -1.99 0.00	110.04 -2.37 0.00	112.31 -2.76 0.00	110.17 -2.02 0.00	110.05 -2.01 0.00	92.74 -1.41 0.00	105.46 -1.72 0.00	102.40 -1.24 0.00
V_E_10_SYNC_DSASP 323830	77.63 3.91 -12.61	79.40 3.69 -9.86	79.07 3.59 -6.38	78.58 3.81 -6.65	78.32 3.89 -6.18	81.35 4.20 -6.00	93.46 5.18 -6.08	99.02 5.39 -18.81	105.03 6.18 -7.98	111.30 5.73 -16.04	119.21 5.75 -19.30	119.48 6.01 -18.10	114.77 5.34 -20.39	110.30 4.78 -20.07	115.00 4.55 -19.41	124.95 6.21 -16.96	138.86 8.19 -20.01	151.74 10.00 -29.33	157.43 10.94 -31.42	150.68 9.53 -28.96	146.89 9.30 -25.53	124.87 7.15 -23.57	129.71 7.82 -14.71	127.42 7.25 -16.54
V_F_30_NSYNC___DSASP 323816	114.76 4.28 -49.38	108.87 4.41 -38.60	98.71 4.63 -24.98	98.71 4.56 -26.02	97.22 4.78 -24.19	99.48 4.84 -23.49	111.66 5.67 -23.79	129.80 5.16 -49.82	164.19 6.55 -66.78	140.04 6.45 -44.06	151.95 6.69 -51.09	149.82 6.67 -47.77	149.26 6.23 -53.99	144.56 5.98 -53.13	148.62 6.19 -51.38	153.93 7.23 -44.92	171.56 8.07 -52.82	196.01 8.54 -75.06	204.23 8.74 -80.42	184.59 8.64 -63.76	171.09 8.29 -50.73	163.24 6.87 -62.22	153.88 7.72 -38.98	154.62 7.15 -43.84

V_F_30_SYNC_DSASP 323786	112.26 2.87 -48.28	106.56 2.96 -37.74	96.64 3.11 -24.43	96.63 3.07 -25.44	95.05 3.14 -23.66	97.32 3.20 -22.96	109.16 3.70 -23.26	126.67 3.14 -48.71	143.61 3.91 -48.83	135.98 3.94 -42.51	148.18 4.05 -49.95	146.18 4.10 -46.71	145.65 3.83 -52.79	141.07 3.67 -51.94	145.19 3.91 -50.24	149.57 3.87 -43.92	166.29 3.98 -51.65	189.96 4.16 -73.39	197.96 4.26 -78.63	178.68 4.15 -62.34	165.70 4.03 -49.60	158.38 3.39 -60.84	149.26 3.97 -38.12	150.64 4.15 -42.86
V_XM_10_SYNC_DSASP 323789	59.76 -1.34 0.00	64.80 -1.06 0.00	67.86 -1.24 0.00	66.76 -1.36 0.00	66.82 -1.44 0.00	69.59 -1.57 0.00	79.49 -2.71 0.00	72.58 -2.24 0.00	87.69 -3.18 0.00	86.39 -3.14 0.00	90.97 -3.20 0.00	92.03 -3.34 0.00	86.01 -3.03 0.00	82.46 -2.99 0.00	87.67 -3.37 0.00	98.02 -3.76 0.00	106.57 -4.09 0.00	107.80 -4.61 0.00	110.13 -4.94 0.00	108.04 -4.15 0.00	107.92 -4.14 0.00	90.76 -3.39 0.00	103.11 -4.07 0.00	100.84 -2.79 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	102.36 3.54 -37.70	99.09 3.75 -29.48	91.98 3.80 -19.08	91.74 3.75 -19.87	90.41 3.69 -18.48	92.93 3.84 -17.93	104.89 4.52 -18.17	117.37 4.41 -38.14	113.07 6.00 -16.21	128.05 6.00 -32.53	139.87 6.59 -39.11	138.71 6.77 -36.57	136.59 6.23 -41.33	132.10 5.98 -40.67	136.93 6.55 -39.33	143.50 7.33 -34.38	159.17 8.08 -40.43	178.30 8.43 -57.46	185.49 8.86 -61.56	169.30 8.30 -48.81	159.19 8.29 -38.83	148.84 7.06 -47.63	144.95 7.93 -29.84	143.84 6.74 -33.47
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	104.55 4.46 -38.98	101.01 4.68 -30.48	93.59 4.77 -19.73	93.37 4.70 -20.54	91.93 4.57 -19.10	94.54 4.84 -18.54	106.58 5.59 -18.78	119.80 5.46 -39.52	115.09 7.45 -16.77	130.66 7.43 -33.71	142.98 8.29 -40.52	141.85 8.58 -37.89	139.78 7.92 -42.83	135.20 7.61 -42.14	139.99 8.19 -40.76	146.68 9.26 -35.63	162.52 9.96 -41.90	182.40 10.45 -59.54	189.56 10.70 -63.79	172.97 10.21 -50.58	162.50 10.20 -40.24	152.17 8.66 -49.36	147.96 9.86 -30.92	146.74 8.50 -34.61
W50THST__13_KV_LOAD 356117	104.61 4.52 -38.98	101.01 4.68 -30.48	93.66 4.84 -19.73	93.44 4.77 -20.54	92.00 4.64 -19.10	94.54 4.84 -18.54	106.66 5.67 -18.78	119.87 5.54 -39.52	115.18 7.54 -16.77	130.66 7.43 -33.71	143.08 8.38 -40.52	141.94 8.68 -37.89	139.87 8.01 -42.83	135.28 7.69 -42.14	140.08 8.28 -40.76	146.68 9.26 -35.63	162.63 10.07 -41.90	182.40 10.45 -59.54	189.68 10.82 -63.79	173.09 10.32 -50.58	162.61 10.31 -40.24	152.26 8.76 -49.36	148.07 9.97 -30.92	146.74 8.50 -34.61
WADING RIVER_IC_1 23522	122.43 5.99 -55.33	102.46 6.13 -30.47	95.11 6.29 -19.72	94.93 6.26 -20.54	93.50 6.15 -19.10	100.37 6.41 -22.81	142.65 7.48 -52.97	147.58 7.18 -65.58	147.75 9.27 -47.61	147.72 8.95 -49.24	147.58 9.51 -43.90	145.19 9.63 -40.18	144.91 8.82 -47.06	144.62 8.46 -50.70	147.37 9.19 -47.14	152.18 10.68 -39.71	164.91 11.96 -42.30	198.66 12.48 -73.77	229.08 12.43 -101.58	230.40 12.12 -106.09	186.64 11.65 -62.91	228.72 10.17 -124.40	151.19 11.90 -32.11	148.96 10.68 -34.65
WADING RIVER_IC_2 23547	122.43 5.99 -55.33	102.46 6.13 -30.47	95.11 6.29 -19.72	94.93 6.26 -20.54	93.50 6.15 -19.10	100.37 6.41 -22.81	142.65 7.48 -52.97	147.58 7.18 -65.58	147.75 9.27 -47.61	147.72 8.95 -49.24	147.58 9.51 -43.90	145.19 9.63 -40.18	144.91 8.82 -47.06	144.62 8.46 -50.70	147.37 9.19 -47.14	152.18 10.68 -39.71	164.91 11.96 -42.30	198.66 12.48 -73.77	229.08 12.43 -101.58	230.40 12.12 -106.09	186.64 11.65 -62.91	228.72 10.17 -124.40	151.19 11.90 -32.11	148.96 10.68 -34.65
WADING RIVER_IC_3 23601	122.43 5.99 -55.33	102.46 6.13 -30.47	95.11 6.29 -19.72	94.93 6.26 -20.54	93.50 6.15 -19.10	100.37 6.41 -22.81	142.65 7.48 -52.97	147.58 7.18 -65.58	147.75 9.27 -47.61	147.72 8.95 -49.24	147.58 9.51 -43.90	145.19 9.63 -40.18	144.91 8.82 -47.06	144.62 8.46 -50.70	147.37 9.19 -47.14	152.18 10.68 -39.71	164.91 11.96 -42.30	198.66 12.48 -73.77	229.08 12.43 -101.58	230.40 12.12 -106.09	186.64 11.65 -62.91	228.72 10.17 -124.40	151.19 11.90 -32.11	148.96 10.68 -34.65
WALDENNY_12_KV_BK2 80841	63.77 -4.58 -7.24	65.66 -5.86 -5.66	66.27 -6.50 -3.66	65.67 -6.27 -3.82	65.66 -6.14 -3.55	68.06 -6.55 -3.45	78.38 -7.32 -3.49	70.81 -7.26 -3.24	84.41 -9.63 -3.18	83.23 -9.13 -2.83	87.71 -9.79 -3.33	88.62 -9.82 -3.07	83.38 -9.17 -3.51	80.37 -8.55 -3.46	85.46 -8.92 -3.34	94.53 -10.18 -2.93	102.89 -11.18 -3.40	106.31 -10.90 -4.80	109.63 -10.59 -5.15	102.18 -11.67 -1.66	100.24 -11.66 0.18	88.08 -10.07 -4.01	98.90 -10.83 -2.54	97.37 -9.12 -2.86
WALDEN__HYDRO 24148	102.42 3.36 -37.95	99.15 3.62 -29.67	91.96 3.66 -19.20	91.73 3.61 -20.00	90.40 3.55 -18.59	92.91 3.70 -18.05	104.93 4.44 -18.28	117.39 4.26 -38.30	113.17 5.82 -16.49	127.93 5.73 -32.68	139.57 6.12 -39.28	138.40 6.29 -36.73	136.33 5.79 -41.51	131.94 5.64 -40.85	136.64 6.10 -39.50	143.24 6.92 -34.54	158.91 7.64 -40.61	178.21 8.09 -57.71	185.42 8.52 -61.83	169.29 8.08 -49.02	159.14 8.07 -39.00	148.67 6.68 -47.84	144.65 7.50 -29.97	143.75 6.43 -33.69
WARRENSBURG____ 23737	115.64 5.01 -49.52	109.77 5.20 -38.71	99.61 5.46 -25.06	99.67 5.45 -26.09	98.25 5.73 -24.26	100.55 5.84 -23.55	112.88 6.82 -23.86	131.14 6.36 -49.96	166.96 8.00 -68.10	141.63 7.88 -44.23	153.70 8.29 -51.24	151.38 8.10 -47.91	150.66 7.48 -54.15	145.91 7.18 -53.28	149.94 7.37 -51.53	155.39 8.55 -45.05	173.26 9.62 -52.97	198.02 10.34 -75.28	206.43 10.70 -80.65	186.68 10.54 -63.95	173.03 10.09 -50.87	164.93 8.38 -62.40	155.71 9.43 -39.10	156.40 8.80 -43.96
WATERSIDE____6 8 9 23538	104.56 4.46 -39.00	101.02 4.68 -30.49	93.60 4.77 -19.74	93.38 4.70 -20.55	91.86 4.50 -19.10	94.26 4.55 -18.54	106.09 5.10 -18.78	119.36 5.01 -39.52	114.55 6.91 -16.78	130.13 6.89 -33.71	142.62 7.91 -40.53	141.57 8.30 -37.90	139.52 7.66 -42.83	134.95 7.35 -42.15	139.72 7.92 -40.76	146.28 8.86 -35.64	162.08 9.52 -41.91	181.96 10.00 -59.55	189.23 10.36 -63.80	172.65 9.87 -50.58	162.17 9.86 -40.24	151.99 8.47 -49.37	147.87 9.75 -30.93	146.65 8.39 -34.62
WATKINRD_115KV_LN8_ILLION 55919	62.09 0.98 0.00	66.85 0.99 0.00	70.07 0.97 0.00	69.08 0.95 0.00	69.21 0.96 0.00	72.15 1.00 0.00	83.36 1.15 0.00	75.94 1.12 0.00	92.32 1.45 0.00	90.96 1.43 0.00	95.68 1.51 0.00	96.90 1.53 0.00	90.46 1.42 0.00	86.82 1.37 0.00	92.41 1.37 0.00	103.31 1.53 0.00	112.32 1.66 0.00	114.21 1.80 0.00	117.03 1.96 0.00	113.87 1.68 0.00	113.75 1.68 0.00	95.56 1.41 0.00	109.00 1.82 0.00	105.29 1.66 0.00
WATSON__69_KV_BK 1 55734	122.79 6.36 -55.33	102.98 6.65 -30.47	95.59 6.77 -19.72	95.41 6.74 -20.54	94.04 6.69 -19.10	101.08 7.12 -22.81	143.47 8.30 -52.97	148.25 7.86 -65.58	148.65 10.18 -47.61	148.62 9.85 -49.24	148.62 10.55 -43.90	146.24 10.68 -40.18	145.97 9.88 -47.06	145.64 9.49 -50.70	148.46 10.29 -47.14	153.30 11.81 -39.71	166.13 13.17 -42.30	198.24 12.14 -73.69	222.90 13.35 -94.48	211.80 11.89 -87.72	187.39 12.44 -62.89	183.26 9.79 -79.32	151.80 12.54 -32.08	149.65 11.40 -34.62
WDELAWARE__HYD 323627	100.26 3.42 -35.73	97.41 3.62 -27.93	90.84 3.66 -18.08	90.63 3.68 -18.83	89.38 3.61 -17.51	91.92 3.77 -17.00	104.02 4.60 -17.22	115.37 4.49 -36.06	113.01 6.00 -16.15	126.22 5.91 -30.79	137.27 6.12 -36.98	136.15 6.20 -34.58	133.82 5.70 -39.08	129.38 5.47 -38.46	134.24 6.01 -37.20	141.32 7.02 -32.52	156.87 7.97 -38.24	175.40 8.66 -54.34	182.60 9.32 -58.21	167.10 8.76 -46.16	157.42 8.63 -36.72	146.35 7.15 -45.04	143.22 7.82 -28.22	142.19 6.84 -31.72

WEST BABYLON___IC 23714	122.42 5.99 -55.33	102.59 6.26 -30.47	95.18 6.36 -19.72	95.00 6.34 -20.54	93.63 6.28 -19.10	100.58 6.62 -22.81	142.90 7.73 -52.97	147.73 7.33 -65.58	148.02 9.54 -47.61	148.08 9.31 -49.24	148.24 10.17 -43.90	145.86 10.30 -40.18	145.62 9.53 -47.06	145.30 9.14 -50.70	148.10 9.92 -47.14	152.79 11.30 -39.71	165.46 12.50 -42.30	198.43 12.37 -73.66	219.98 13.35 -91.56	204.46 12.12 -80.15	187.38 12.44 -62.88	164.99 10.07 -60.76	151.37 12.11 -32.07	149.02 10.78 -34.61
WEST CANADA___HYD 24049	61.72 0.61 0.00	66.45 0.59 0.00	69.72 0.62 0.00	68.74 0.61 0.00	68.87 0.61 0.00	71.80 0.64 0.00	82.94 0.74 0.00	75.57 0.75 0.00	91.78 0.91 0.00	90.42 0.90 0.00	95.12 0.94 0.00	96.42 1.05 0.00	90.01 0.98 0.00	86.39 0.94 0.00	92.04 1.00 0.00	102.91 1.12 0.00	111.88 1.22 0.00	113.65 1.24 0.00	116.46 1.39 0.00	113.43 1.24 0.00	113.30 1.24 0.00	95.19 1.04 0.00	108.36 1.18 0.00	104.67 1.04 0.00
WESTERN_NY_WIND 24143	64.53 -2.99 -6.42	66.79 -4.08 -5.02	67.72 -4.63 -3.25	67.08 -4.43 -3.38	67.17 -4.23 -3.15	69.80 -4.41 -3.05	80.61 -4.69 -3.09	73.29 -4.86 -3.33	85.68 -8.00 -2.81	85.26 -7.16 -2.89	89.49 -8.10 -3.42	90.15 -8.39 -3.17	84.63 -8.01 -3.61	81.91 -7.09 -3.55	87.38 -7.10 -3.44	96.14 -8.65 -3.01	104.21 -9.96 -3.50	108.15 -9.22 -4.95	112.21 -8.17 -5.31	104.52 -9.98 -2.31	102.65 -10.09 -0.67	89.62 -8.66 -4.13	100.68 -9.11 -2.61	100.45 -6.11 -2.93
WESTOVER___LESR 323668	73.72 -0.43 -13.04	75.26 -0.79 -10.20	74.66 -1.04 -6.60	74.04 -0.95 -6.87	73.69 -0.96 -6.39	76.44 -0.93 -6.20	87.58 -0.90 -6.28	85.05 -0.82 -11.05	96.31 -0.91 -6.35	98.03 -0.98 -9.49	104.47 -1.04 -11.34	104.91 -1.05 -10.58	99.94 -1.07 -11.98	96.21 -1.03 -11.79	101.35 -1.09 -11.40	110.84 -0.92 -9.97	121.70 -0.66 -11.70	129.90 -0.11 -17.61	134.05 0.12 -18.86	125.70 -0.56 -14.07	122.16 -0.56 -10.65	107.18 -0.75 -13.78	114.98 -0.86 -8.65	112.33 -1.04 -9.73
WETHRSFD_WT_PWR 323626	64.68 -4.46 -8.03	66.40 -5.73 -6.28	66.81 -6.36 -4.06	66.16 -6.20 -4.23	66.11 -6.07 -3.93	68.50 -6.47 -3.82	78.84 -7.23 -3.87	70.38 -7.04 -2.59	85.11 -9.27 -3.51	82.79 -9.04 -2.30	86.85 -9.98 -2.66	87.51 -10.30 -2.44	82.49 -9.35 -2.81	79.42 -8.80 -2.76	84.52 -9.19 -2.67	93.65 -10.48 -2.34	102.19 -11.17 -2.70	105.59 -10.57 -3.75	108.62 -10.47 -4.02	100.82 -11.22 0.15	98.69 -11.21 2.18	87.63 -9.70 -3.18	98.61 -10.61 -2.04	96.60 -9.33 -2.29
WHAVSTOR_138KV_BK127 55557	102.22 3.36 -37.75	98.92 3.56 -29.51	91.79 3.59 -19.10	91.56 3.54 -19.89	90.23 3.48 -18.50	92.74 3.63 -17.95	104.67 4.27 -18.19	117.11 4.12 -38.18	112.73 5.63 -16.23	127.64 5.55 -32.57	139.54 6.22 -39.15	138.37 6.39 -36.61	136.37 5.97 -41.38	131.89 5.73 -40.71	136.52 6.10 -39.38	143.13 6.92 -34.42	158.67 7.52 -40.48	177.91 7.98 -57.52	184.98 8.29 -61.63	168.91 7.85 -48.86	158.79 7.84 -38.87	148.43 6.59 -47.69	144.56 7.50 -29.87	143.47 6.32 -33.51
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	102.22 3.36 -37.75	98.92 3.56 -29.51	91.79 3.59 -19.10	91.56 3.54 -19.89	90.23 3.48 -18.50	92.74 3.63 -17.95	104.67 4.27 -18.19	117.11 4.12 -38.18	112.73 5.63 -16.23	127.64 5.55 -32.57	139.54 6.22 -39.15	138.37 6.39 -36.61	136.37 5.97 -41.38	131.89 5.73 -40.71	136.52 6.10 -39.38	143.13 6.92 -34.42	158.67 7.52 -40.48	177.91 7.98 -57.52	184.98 8.29 -61.63	168.91 7.85 -48.86	158.79 7.84 -38.87	148.43 6.59 -47.69	144.56 7.50 -29.87	143.47 6.32 -33.51
WHITEHAL_115KV_TB1 80871	116.13 5.56 -49.46	110.19 5.66 -38.67	100.28 6.15 -25.03	100.25 6.06 -26.06	98.97 6.48 -24.24	101.30 6.62 -23.53	113.76 7.73 -23.83	131.98 7.26 -49.90	167.60 9.18 -67.55	142.64 8.95 -44.16	154.67 9.32 -51.18	152.29 9.06 -47.85	151.57 8.46 -54.08	146.70 8.03 -53.22	150.79 8.28 -51.47	156.55 9.77 -45.00	174.75 11.18 -52.91	199.74 12.14 -75.19	208.28 12.66 -80.55	188.62 12.57 -63.87	174.76 11.88 -50.81	166.18 9.70 -62.33	156.95 10.72 -39.05	157.60 10.05 -43.91
WHITEPLN_13_KV_LOAD 356215	104.44 4.40 -38.93	100.90 4.61 -30.44	93.50 4.70 -19.70	93.27 4.63 -20.52	91.83 4.50 -19.08	94.44 4.77 -18.52	106.55 5.59 -18.76	119.72 5.46 -39.44	114.98 7.36 -16.75	130.33 7.16 -33.64	142.53 7.91 -40.44	141.39 8.20 -37.82	139.34 7.57 -42.74	134.69 7.18 -42.06	139.54 7.83 -40.67	146.10 8.75 -35.56	162.10 9.63 -41.81	181.95 10.12 -59.42	189.32 10.59 -63.66	172.65 9.98 -50.47	162.20 9.97 -40.16	151.79 8.38 -49.26	147.47 9.43 -30.86	146.39 8.19 -34.56
WM_FLOYD_69_KV_BK2 356380	122.42 5.99 -55.33	102.52 6.19 -30.47	95.11 6.29 -19.72	94.93 6.27 -20.54	93.50 6.14 -19.10	100.44 6.48 -22.81	142.65 7.48 -52.97	147.58 7.18 -65.58	147.83 9.36 -47.61	147.72 8.95 -49.24	147.58 9.51 -43.90	145.19 9.63 -40.18	144.90 8.81 -47.06	144.62 8.46 -50.70	147.46 9.29 -47.14	152.28 10.79 -39.71	165.02 12.06 -42.30	198.77 12.59 -73.77	229.63 13.12 -101.44	230.13 12.23 -105.71	187.53 12.55 -62.91	227.88 10.26 -123.47	151.29 12.00 -32.11	149.06 10.78 -34.65
WOODARD___115KV_TB2 355635	64.66 -0.86 -4.41	67.99 -1.32 -3.45	69.81 -1.52 -2.23	69.02 -1.43 -2.32	68.98 -1.43 -2.16	71.83 -1.42 -2.10	82.85 -1.48 -2.12	77.84 -1.42 -4.45	89.07 -2.00 -0.20	91.29 -1.97 -3.74	96.66 -2.07 -4.56	97.44 -2.19 -4.26	91.81 -2.05 -4.82	88.32 -1.88 -4.74	93.62 -2.00 -4.59	103.66 -2.14 -4.01	113.05 -2.32 -4.72	117.31 -1.80 -6.70	120.76 -1.50 -7.18	115.64 -2.24 -5.69	114.36 -2.24 -4.53	97.63 -2.07 -5.56	108.30 -2.36 -3.48	105.47 -2.07 -3.91
YORK___WARBASSE 23770	104.81 4.71 -39.00	101.22 4.87 -30.49	93.81 4.98 -19.74	93.58 4.90 -20.55	92.00 4.64 -19.10	94.40 4.70 -18.54	106.17 5.18 -18.78	119.51 5.16 -39.52	114.91 7.27 -16.78	130.31 7.07 -33.71	142.90 8.19 -40.53	141.86 8.58 -37.90	139.79 7.92 -42.83	135.12 7.52 -42.15	140.00 8.19 -40.76	146.58 9.16 -35.64	162.53 9.96 -41.91	282.53 10.57 -159.55	289.80 10.93 -163.80	337.78 10.43 -215.16	262.73 10.42 -140.24	152.46 8.94 -49.37	148.30 10.18 -30.93	146.96 8.71 -34.62