

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/06/2025

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	99.00	96.90	95.10	95.36	95.49	109.12	116.52	146.53	143.42	140.53	152.88	135.78	129.89	127.47	129.23	136.56	153.73	178.61	173.01	162.06	135.35	128.01	126.05	117.26
	6.37	5.60	5.35	5.53	6.15	4.32	5.53	6.38	8.04	7.23	10.03	10.44	9.44	7.79	7.98	7.03	7.08	8.10	7.13	6.02	7.29	7.26	8.26	7.70
	-4.28	-10.02	-8.75	-4.66	-0.20	-23.21	-20.38	-50.31	-32.33	-41.82	-24.77	-13.12	-18.92	-35.97	-35.41	-49.70	-65.23	-72.87	-79.00	-84.37	-53.69	-45.87	-37.66	-30.11
74TH STREET_GT_1 24260	98.73	96.66	94.86	95.11	95.23	108.88	116.12	145.98	142.91	140.37	152.89	135.45	129.59	127.22	128.98	136.33	153.43	178.64	173.03	162.01	135.06	127.95	125.58	117.03
	6.10	5.36	5.10	5.28	5.88	4.08	5.17	5.93	7.52	7.04	10.04	10.10	9.14	7.53	7.73	6.79	6.76	8.10	7.12	5.95	6.99	7.19	7.77	7.47
	-4.28	-10.02	-8.75	-4.66	-0.20	-23.21	-20.34	-50.22	-32.34	-41.83	-24.78	-13.13	-18.93	-35.98	-35.42	-49.72	-65.25	-72.89	-79.02	-84.40	-53.70	-45.88	-37.67	-30.12
74TH STREET_GT_2 24261	98.73	96.66	94.86	95.11	95.23	108.88	116.12	145.98	142.91	140.37	152.89	135.45	129.59	127.22	128.98	136.33	153.43	178.64	173.03	162.01	135.06	127.95	125.58	117.03
	6.10	5.36	5.10	5.28	5.88	4.08	5.17	5.93	7.52	7.04	10.04	10.10	9.14	7.53	7.73	6.79	6.76	8.10	7.12	5.95	6.99	7.19	7.77	7.47
	-4.28	-10.02	-8.75	-4.66	-0.20	-23.21	-20.34	-50.22	-32.34	-41.83	-24.78	-13.13	-18.93	-35.98	-35.42	-49.72	-65.25	-72.89	-79.02	-84.40	-53.70	-45.88	-37.67	-30.12
ADK HUDSON___FALLS 24011	101.37	101.28	99.36	98.18	96.90	119.15	125.64	165.13	155.50	155.60	161.12	138.71	134.82	138.60	140.13	153.30	176.42	204.52	201.12	191.71	153.85	143.68	137.79	126.69
	7.25	6.50	6.56	6.73	7.49	6.28	7.61	7.55	8.76	7.59	9.56	8.75	7.72	6.28	6.44	6.31	6.84	8.40	7.47	6.02	6.92	6.81	6.81	6.59
	-5.76	-13.51	-11.79	-6.28	-0.27	-31.28	-27.41	-67.75	-43.69	-56.52	-33.48	-17.73	-25.57	-48.61	-47.86	-67.17	-88.16	-98.48	-106.76	-114.03	-72.56	-61.99	-50.84	-40.65
ADK RESOURCE___RCVRY 23798	101.99	101.78	99.86	98.69	97.44	119.83	126.42	166.09	156.45	156.45	162.20	139.62	135.65	139.30	140.84	153.98	177.12	205.46	201.98	192.43	154.41	144.32	138.38	127.27
	7.86	6.99	7.04	7.24	8.03	6.93	8.33	8.36	9.68	8.41	10.63	9.65	8.53	6.94	7.12	6.94	7.49	9.28	8.26	6.67	7.44	7.41	7.37	7.15
	-5.77	-13.52	-11.80	-6.28	-0.27	-31.30	-27.47	-67.90	-43.72	-56.55	-33.50	-17.74	-25.59	-48.64	-47.89	-67.21	-88.21	-98.54	-106.83	-114.10	-72.61	-62.03	-50.87	-40.68
ADK S GLENS___FALLS 24028	101.37	101.28	99.36	98.18	96.90	119.15	125.64	165.13	155.50	155.60	161.12	138.71	134.82	138.60	140.13	153.30	176.42	204.52	201.12	191.71	153.85	143.68	137.79	126.69
	7.25	6.50	6.56	6.73	7.49	6.28	7.61	7.55	8.76	7.59	9.56	8.75	7.72	6.28	6.44	6.31	6.84	8.40	7.47	6.02	6.92	6.81	6.81	6.59
	-5.76	-13.51	-11.79	-6.28	-0.27	-31.28	-27.41	-67.75	-43.69	-56.52	-33.48	-17.73	-25.57	-48.61	-47.86	-67.17	-88.16	-98.48	-106.76	-114.03	-72.56	-61.99	-50.84	-40.65
ADK_NYS___DAM 23527	99.83	99.74	97.72	96.93	95.47	116.15	122.25	160.20	150.69	150.76	156.22	134.80	131.23	134.63	136.04	148.51	170.39	197.65	194.05	185.13	149.23	139.52	134.31	123.60
	5.92	5.45	5.35	5.71	6.06	4.40	5.16	4.94	5.56	4.85	5.90	5.50	5.07	4.10	4.12	3.99	4.07	5.17	4.34	3.65	4.98	4.94	5.21	5.01
	-5.56	-13.02	-11.37	-6.05	-0.26	-30.15	-26.47	-65.42	-42.07	-54.43	-32.24	-17.08	-24.63	-46.82	-46.09	-64.69	-84.90	-94.84	-102.82	-109.82	-69.88	-59.70	-48.96	-39.15
AIR_PRODUCTS___DRP 24190	97.31	97.49	95.71	94.68	93.06	114.43	118.80	156.58	146.34	147.06	151.40	130.16	126.97	131.31	132.72	145.35	167.25	193.57	190.75	182.38	145.74	136.18	131.31	120.82
	3.36	3.09	3.24	3.41	3.65	2.45	1.54	0.90	1.03	0.91	0.94	0.79	0.71	0.59	0.60	0.56	0.57	0.68	0.61	0.43	1.19	1.35	2.00	2.07
	-5.60	-13.12	-11.46	-6.10	-0.26	-30.39	-26.64	-65.84	-42.25	-54.66	-32.38	-17.15	-24.73	-47.02	-46.29	-64.96	-85.26	-95.24	-103.26	-110.28	-70.18	-59.95	-49.17	-39.32
AKWESSNE_115KV_BK 355683	87.83	80.62	80.44	84.49	88.61	80.86	88.71	88.22	99.14	88.38	115.36	109.08	99.09	80.86	82.66	77.11	78.09	93.05	82.54	69.87	73.70	74.13	79.26	78.49
	-0.53	-0.65	-0.57	-0.68	-0.53	-0.73	-1.90	-1.62	-3.92	-3.11	-2.72	-3.14	-2.44	-2.85	-3.18	-2.71	-3.34	-4.59	-4.34	-1.79	-0.67	-0.75	-0.88	-0.95
	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	98.25	98.09	96.35	95.39	93.94	114.75	119.92	156.83	147.23	147.29	152.44	131.45	127.93	131.42	132.96	145.31	166.87	193.36	190.23	181.38	145.63	136.17	131.16	121.20
	4.42	3.98	4.13	4.26	4.54	3.43	3.26	2.61	2.88	2.37	2.72	2.47	2.23	1.76	1.89	2.00	2.11	2.64	2.43	1.94	2.67	2.69	2.97	3.34
	-5.48	-12.84	-11.21	-5.97	-0.26	-29.73	-26.05	-64.38	-41.29	-53.42	-31.64	-16.76	-24.17	-45.95	-45.24	-63.49	-83.33	-93.08	-100.92	-107.78	-68.59	-58.59	-48.06	-38.43
ALBANY_2_SOLAR 323834	98.16	98.09	96.27	95.39	93.94	114.75	119.84	156.83	147.24	147.21	152.32	131.45	127.84	131.43	132.96	145.24	166.88	193.38	190.24	181.40	145.64	136.17	131.17	121.21
	4.33	3.98	4.05	4.26	4.54	3.43	3.17	2.61	2.88	2.29	2.59	2.47	2.14	1.76	1.89	1.91	2.11	2.64	2.43	1.94	2.67	2.69	2.97	3.34
	-5.48	-12.84	-11.21	-5.97	-0.26	-29.73	-26.05	-64.39	-41.30	-53.43	-31.65	-16.76	-24.18	-45.96	-45.24	-63.50	-83.34	-93.09	-100.93	-107.80	-68.60	-58.60	-48.06	-38.43
ALBANY___1 23571	97.31	97.49	95.71	94.68	93.06	114.43	118.80	156.58	146.34	147.06	151.40	130.16	126.97	131.31	132.72	145.35	167.25	193.57	190.75	182.38	145.74	136.18	131.31	120.82
	3.36	3.09	3.24	3.41	3.65	2.45	1.54	0.90	1.03	0.91	0.94	0.79	0.71	0.59	0.60	0.56	0.57	0.68	0.61	0.43	1.19	1.35	2.00	2.07
	-5.60	-13.12	-11.46	-6.10	-0.26	-30.39	-26.64	-65.84	-42.25	-54.66	-32.38	-17.15	-24.73	-47.02	-46.29	-64.96	-85.26	-95.24	-103.26	-110.28	-70.18	-59.95	-49.17	-39.32

ALBANY___2 23572	97.31 3.36 -5.60	97.49 3.09 -13.12	95.71 3.24 -11.46	94.68 3.41 -6.10	93.06 3.65 -0.26	114.43 2.45 -30.39	118.80 1.54 -26.64	156.58 0.90 -65.84	146.34 1.03 -42.25	147.06 0.91 -54.66	151.40 0.94 -32.38	130.16 0.79 -17.15	126.97 0.71 -24.73	131.31 0.59 -47.02	132.72 0.60 -46.29	145.35 0.56 -64.96	167.25 0.57 -85.26	193.57 0.68 -95.24	190.75 0.61 -103.26	182.38 0.43 -110.28	145.74 1.19 -70.18	136.18 1.35 -59.95	131.31 2.00 -49.17	120.82 2.07 -39.32
ALBANY___3 23573	97.31 3.36 -5.60	97.49 3.09 -13.12	95.71 3.24 -11.46	94.68 3.41 -6.10	93.06 3.65 -0.26	114.43 2.45 -30.39	118.80 1.54 -26.64	156.58 0.90 -65.84	146.34 1.03 -42.25	147.06 0.91 -54.66	151.40 0.94 -32.38	130.16 0.79 -17.15	126.97 0.71 -24.73	131.31 0.59 -47.02	132.72 0.60 -46.29	145.35 0.56 -64.96	167.25 0.57 -85.26	193.57 0.68 -95.24	190.75 0.61 -103.26	182.38 0.43 -110.28	145.74 1.19 -70.18	136.18 1.35 -59.95	131.31 2.00 -49.17	120.82 2.07 -39.32
ALBANY___4 23574	97.31 3.36 -5.60	97.49 3.09 -13.12	95.71 3.24 -11.46	94.68 3.41 -6.10	93.06 3.65 -0.26	114.43 2.45 -30.39	118.80 1.54 -26.64	156.58 0.90 -65.84	146.34 1.03 -42.25	147.06 0.91 -54.66	151.40 0.94 -32.38	130.16 0.79 -17.15	126.97 0.71 -24.73	131.31 0.59 -47.02	132.72 0.60 -46.29	145.35 0.56 -64.96	167.25 0.57 -85.26	193.57 0.68 -95.24	190.75 0.61 -103.26	182.38 0.43 -110.28	145.74 1.19 -70.18	136.18 1.35 -59.95	131.31 2.00 -49.17	120.82 2.07 -39.32
ALBANY___LFGE 323615	98.07 4.07 -5.65	98.17 3.66 -13.24	96.37 3.81 -11.56	95.33 4.00 -6.15	93.68 4.28 -0.26	115.36 3.10 -30.66	119.87 2.35 -26.90	158.11 1.80 -66.48	147.95 2.17 -42.73	148.69 1.92 -55.27	153.05 2.24 -32.74	131.69 2.13 -17.34	128.46 1.92 -25.01	132.84 1.59 -47.55	134.27 1.63 -46.81	147.03 1.51 -65.69	169.11 1.47 -86.22	195.81 1.85 -96.31	192.87 1.57 -104.42	184.48 1.29 -111.52	147.34 2.01 -70.97	137.53 2.02 -60.63	132.19 2.33 -49.72	121.98 2.78 -39.76
ALCOA_PA_115KV_PL-6C 55860	87.74 -0.62 0.00	80.62 -0.65 0.00	80.44 -0.57 0.00	84.49 -0.68 0.00	88.70 -0.45 0.00	80.94 -0.65 0.00	89.15 -1.81 -0.35	89.25 -1.44 -0.86	99.80 -3.81 -0.56	89.20 -3.02 -0.73	116.03 -2.48 -0.43	109.42 -3.03 -0.23	99.62 -2.23 -0.33	81.66 -2.68 -0.63	83.45 -3.00 -0.62	78.06 -2.63 -0.86	79.38 -3.18 -1.13	94.52 -4.39 -1.27	84.09 -4.17 -1.37	71.48 -1.65 -1.47	74.65 -0.67 -0.96	74.95 -0.75 -0.82	79.93 -0.88 -0.67	79.02 -0.95 -0.54
ALCOA_RYNLDS___DRP 24188	87.74 -0.62 0.00	80.62 -0.65 0.00	80.44 -0.57 0.00	84.49 -0.68 0.00	88.70 -0.45 0.00	80.94 -0.65 0.00	89.15 -1.81 -0.35	89.25 -1.44 -0.86	99.80 -3.81 -0.56	89.20 -3.02 -0.73	116.03 -2.48 -0.43	109.42 -3.03 -0.23	99.62 -2.23 -0.33	81.66 -2.68 -0.63	83.45 -3.00 -0.62	78.06 -2.63 -0.86	79.38 -3.18 -1.13	94.52 -4.39 -1.27	84.09 -4.17 -1.37	71.48 -1.65 -1.47	74.65 -0.67 -0.96	74.95 -0.75 -0.82	79.93 -0.88 -0.67	79.02 -0.95 -0.54
ALCOA___DSASP 323711	87.74 -0.61 0.00	80.62 -0.65 0.00	80.45 -0.56 0.00	84.58 -0.59 0.00	88.70 -0.44 0.00	81.33 -0.66 -0.39	89.34 -1.63 -0.35	89.37 -1.35 -0.88	99.82 -3.81 -0.57	89.67 -2.56 -0.74	116.03 -2.49 -0.44	109.43 -3.02 -0.23	99.63 -2.23 -0.34	81.67 -2.68 -0.64	83.46 -3.01 -0.63	78.08 -2.63 -0.88	79.41 -3.18 -1.16	94.55 -4.39 -1.30	84.12 -4.17 -1.40	71.52 -1.65 -1.50	73.55 -0.82 0.00	74.13 -0.75 0.00	79.26 -0.88 0.00	78.49 -0.95 0.00
ALLEGHENY___COGEN 23514	89.13 0.00 -0.77	83.33 0.24 -1.81	82.84 0.24 -1.58	86.10 0.09 -0.84	89.27 0.09 -0.04	86.69 0.90 -4.20	95.78 1.36 -3.80	99.43 0.72 -8.88	108.50 -0.31 -5.76	97.56 -1.37 -7.44	119.77 -2.71 -4.41	111.64 -2.92 -2.34	102.26 -2.64 -3.37	87.77 -2.34 -6.40	90.08 -2.06 -6.30	87.39 -1.28 -8.85	92.55 -0.49 -11.61	110.81 0.20 -12.97	101.21 0.26 -14.06	86.68 0.00 -15.02	83.54 -0.37 -9.54	82.21 -0.82 -8.15	86.16 -1.04 -7.07	84.54 -0.55 -5.65
ALTAMONT_115KV_TB 2 55880	97.22 3.27 -5.60	97.40 3.01 -13.12	95.46 3.00 -11.45	94.42 3.15 -6.10	92.79 3.39 -0.26	114.25 2.28 -30.37	119.59 2.36 -26.62	157.87 2.25 -65.79	147.84 2.58 -42.21	148.38 2.29 -54.61	153.26 2.83 -32.35	132.05 2.69 -17.13	128.67 2.44 -24.71	132.69 2.01 -46.97	134.14 2.06 -46.24	146.64 1.92 -64.90	168.64 2.04 -85.18	195.23 2.44 -95.15	192.22 2.17 -103.16	183.63 1.79 -110.18	146.93 2.45 -70.11	137.25 2.47 -59.90	132.06 2.80 -49.12	121.50 2.78 -39.28
ALTONA_WT_PWR 323606	88.89 0.53 0.00	81.60 0.33 0.00	81.34 0.33 0.00	85.60 0.43 0.00	89.77 0.63 0.00	81.92 0.33 0.00	89.53 -1.08 0.00	89.03 -0.81 0.00	99.14 -3.92 0.00	89.11 -2.38 0.00	116.31 -1.77 0.00	109.65 -2.58 0.00	99.60 -1.93 0.00	81.11 -2.60 0.00	82.83 -3.01 0.00	77.27 -2.56 0.00	78.25 -3.18 0.00	93.25 -4.39 0.00	82.63 -4.26 0.00	70.02 -1.65 0.00	73.48 -0.89 0.00	73.99 -0.90 0.00	78.94 -1.20 0.00	78.49 -0.95 0.00
AMERICAN_REF_FUEL 24010	79.24 -9.81 -0.69	74.11 -8.78 -1.62	73.92 -8.50 -1.41	76.81 -9.11 -0.75	79.19 -9.98 -0.03	76.63 -8.73 -3.77	83.51 -10.51 -3.40	84.04 -12.40 -6.60	92.26 -15.05 -4.26	83.55 -13.45 -5.50	103.16 -18.18 -3.26	96.34 -17.62 -1.73	87.87 -16.15 -2.49	74.97 -13.48 -4.73	76.76 -13.74 -4.66	74.24 -12.13 -6.54	77.55 -12.46 -8.58	92.39 -14.84 -9.58	84.24 -13.03 -10.39	72.15 -10.61 -11.10	70.34 -11.08 -7.05	69.67 -11.23 -6.02	75.20 -11.22 -6.28	74.85 -9.61 -5.02
ARKWRIGHT___SUMMIT_WT_PWR 323751	83.21 -5.92 -0.77	77.96 -5.12 -1.81	77.56 -5.02 -1.58	80.65 -5.36 -0.84	84.19 -4.99 -0.04	81.05 -4.73 -4.20	88.79 -5.62 -3.79	90.39 -7.10 -7.65	99.23 -8.76 -4.93	89.81 -8.05 -6.37	110.88 -10.98 -3.78	103.34 -10.88 -2.00	94.36 -10.05 -2.89	80.40 -8.79 -5.48	82.13 -9.10 -5.40	79.42 -7.98 -7.57	83.22 -8.14 -9.94	99.28 -9.47 -11.10	90.50 -8.43 -12.04	77.57 -6.95 -12.85	75.03 -7.51 -8.17	74.15 -7.71 -6.98	78.80 -8.34 -7.00	78.05 -6.99 -5.60
ARTHUR KILL_GT_1 23520	98.91 6.27 -4.28	96.74 5.45 -10.02	94.78 5.02 -8.75	95.03 5.20 -4.66	95.13 5.79 -0.20	108.72 3.92 -23.21	115.89 4.89 -20.38	145.91 5.75 -50.32	142.55 7.11 -32.39	140.05 6.68 -41.88	256.18 9.45 -128.65	134.89 9.53 -13.13	128.99 8.53 -18.93	126.81 7.11 -35.99	128.55 7.29 -35.43	132.39 6.39 -46.17	123.34 6.59 -35.33	123.52 7.81 -18.06	123.50 6.95 -29.66	123.32 5.80 -45.86	126.01 7.14 -44.51	123.35 7.26 -41.21	125.75 7.94 -37.67	116.96 7.39 -30.13
ARTHUR_KILL_2 23512	98.64 6.01 -4.28	96.50 5.21 -10.02	94.54 4.78 -8.75	94.77 4.94 -4.66	94.87 5.53 -0.20	108.39 3.59 -23.21	115.62 4.62 -20.38	145.64 5.48 -50.32	142.14 6.69 -32.39	139.77 6.40 -41.88	255.82 9.09 -128.65	134.56 9.20 -13.13	128.68 8.22 -18.93	126.56 6.87 -35.99	128.30 7.04 -35.43	132.15 6.15 -46.17	123.11 6.36 -35.33	123.12 7.42 -18.06	123.14 6.60 -29.66	123.04 5.52 -45.86	125.71 6.84 -44.51	123.06 6.97 -41.21	125.43 7.62 -37.67	116.63 7.07 -30.13
ARTHUR_KILL_3 23513	97.76 5.12 -4.28	95.68 4.39 -10.02	93.89 4.13 -8.75	94.17 4.34 -4.66	94.15 4.81 -0.20	107.90 3.10 -23.21	115.08 4.08 -20.38	145.09 4.94 -50.32	141.73 6.29 -32.39	139.31 5.94 -41.88	255.45 8.74 -128.64	134.10 8.76 -13.12	128.27 7.82 -18.93	126.13 6.45 -35.97	127.86 6.61 -35.42	131.66 5.67 -46.16	122.52 5.78 -35.31	122.52 6.83 -18.04	122.52 5.99 -29.64	122.52 5.01 -45.84	125.18 6.32 -44.49	122.52 6.44 -41.20	125.09 7.29 -37.66	116.31 6.75 -30.12

ARTHUR_KILL_COGEN 323718	98.91 6.27 -4.28	96.74 5.45 -10.02	94.78 5.02 -8.75	95.03 5.20 -4.66	95.13 5.79 -0.20	108.72 3.92 -23.21	115.89 4.89 -20.38	145.91 5.75 -50.32	142.55 7.11 -32.39	140.05 6.68 -41.88	256.18 9.45 -128.65	134.89 9.53 -13.13	128.99 8.53 -18.93	126.81 7.11 -35.99	128.55 7.29 -35.43	132.39 6.39 -46.17	123.34 6.59 -35.33	123.52 7.81 -18.06	123.50 6.95 -29.66	123.32 5.80 -45.86	126.01 7.14 -44.51	123.35 7.26 -41.21	125.75 7.94 -37.67	116.96 7.39 -30.13
ASHOKAN____ 23654	99.34 6.01 -4.97	98.05 5.12 -11.65	96.13 4.94 -10.17	95.87 5.28 -5.42	95.17 5.79 -0.23	113.39 4.81 -26.99	120.16 5.89 -23.66	153.38 5.12 -58.42	147.05 6.50 -37.50	145.49 5.49 -48.51	154.13 7.32 -28.73	134.63 7.19 -15.22	129.26 5.78 -21.95	130.37 4.94 -41.73	132.06 5.15 -41.08	142.03 4.55 -57.65	162.38 5.29 -75.67	189.20 7.03 -84.52	185.12 6.60 -91.64	174.63 5.09 -97.87	142.52 5.87 -62.28	133.85 5.77 -53.21	130.14 6.33 -43.67	119.84 5.48 -34.92
ASTORIA_EAST_ENERGY_CC1 323581	98.92 6.27 -4.28	96.75 5.45 -10.03	94.87 5.11 -8.75	95.11 5.28 -4.66	95.13 5.79 -0.20	108.56 3.76 -23.21	115.62 4.62 -20.38	145.55 5.39 -50.32	141.77 6.39 -32.32	139.45 6.13 -41.83	151.95 9.09 -24.78	134.89 9.53 -13.13	129.09 8.62 -18.93	126.81 7.11 -35.99	128.55 7.29 -35.43	135.93 6.39 -49.72	152.78 6.11 -65.25	178.05 7.52 -72.89	172.51 6.60 -79.02	161.44 5.38 -84.40	134.69 6.62 -53.71	127.58 6.81 -45.88	126.15 8.33 -37.67	117.43 7.87 -30.13
ASTORIA_EAST_ENERGY_CC2 323582	98.92 6.27 -4.28	96.83 5.53 -10.03	94.87 5.11 -8.75	95.11 5.28 -4.66	95.13 5.79 -0.20	108.56 3.76 -23.21	115.62 4.62 -20.38	145.55 5.39 -50.32	141.77 6.39 -32.32	139.45 6.13 -41.83	151.95 9.09 -24.78	134.89 9.53 -13.13	129.09 8.62 -18.93	126.81 7.11 -35.99	128.55 7.29 -35.43	135.93 6.39 -49.72	152.78 6.11 -65.25	178.05 7.52 -72.89	172.51 6.60 -79.02	161.44 5.38 -84.40	134.77 6.70 -53.71	127.58 6.81 -45.88	126.15 8.33 -37.67	117.51 7.94 -30.13
ASTORIA_GT2_1 24094	98.91 6.27 -4.28	96.82 5.53 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.72 3.92 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	141.78 6.39 -32.34	139.54 6.22 -41.83	151.95 9.09 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	135.94 6.39 -49.72	152.95 6.27 -65.26	178.16 7.62 -72.90	172.61 6.69 -79.03	161.45 5.37 -84.41	134.33 6.25 -53.71	127.36 6.59 -45.89	125.83 8.01 -37.68	117.35 7.79 -30.13
ASTORIA_GT2_2 24095	98.91 6.27 -4.28	96.82 5.53 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.72 3.92 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	141.78 6.39 -32.34	139.54 6.22 -41.83	151.95 9.09 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	135.94 6.39 -49.72	152.95 6.27 -65.26	178.16 7.62 -72.90	172.61 6.69 -79.03	161.45 5.37 -84.41	134.33 6.25 -53.71	127.36 6.59 -45.89	125.83 8.01 -37.68	117.35 7.79 -30.13
ASTORIA_GT2_3 24096	98.91 6.27 -4.28	96.82 5.53 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.72 3.92 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	141.78 6.39 -32.34	139.54 6.22 -41.83	151.95 9.09 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	135.94 6.39 -49.72	152.95 6.27 -65.26	178.16 7.62 -72.90	172.61 6.69 -79.03	161.45 5.37 -84.41	134.33 6.25 -53.71	127.36 6.59 -45.89	125.83 8.01 -37.68	117.35 7.79 -30.13
ASTORIA_GT2_4 24097	98.91 6.27 -4.28	96.82 5.53 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.72 3.92 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	141.78 6.39 -32.34	139.54 6.22 -41.83	151.95 9.09 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	135.94 6.39 -49.72	152.95 6.27 -65.26	178.16 7.62 -72.90	172.61 6.69 -79.03	161.45 5.37 -84.41	134.33 6.25 -53.71	127.36 6.59 -45.89	125.83 8.01 -37.68	117.35 7.79 -30.13
ASTORIA_GT3_1 24098	98.91 6.27 -4.28	96.82 5.53 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.72 3.92 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	141.78 6.39 -32.34	139.54 6.22 -41.83	151.95 9.09 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	135.94 6.39 -49.72	152.95 6.27 -65.26	178.16 7.62 -72.90	172.61 6.69 -79.03	161.45 5.37 -84.41	134.33 6.25 -53.71	127.36 6.59 -45.89	125.83 8.01 -37.68	117.35 7.79 -30.13
ASTORIA_GT3_2 24099	98.91 6.27 -4.28	96.82 5.53 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.72 3.92 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	141.78 6.39 -32.34	139.54 6.22 -41.83	151.95 9.09 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	135.94 6.39 -49.72	152.95 6.27 -65.26	178.16 7.62 -72.90	172.61 6.69 -79.03	161.45 5.37 -84.41	134.33 6.25 -53.71	127.36 6.59 -45.89	125.83 8.01 -37.68	117.35 7.79 -30.13
ASTORIA_GT3_3 24100	98.91 6.27 -4.28	96.82 5.53 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.72 3.92 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	141.78 6.39 -32.34	139.54 6.22 -41.83	151.95 9.09 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	135.94 6.39 -49.72	152.95 6.27 -65.26	178.16 7.62 -72.90	172.61 6.69 -79.03	161.45 5.37 -84.41	134.33 6.25 -53.71	127.36 6.59 -45.89	125.83 8.01 -37.68	117.35 7.79 -30.13
ASTORIA_GT3_4 24101	98.91 6.27 -4.28	96.82 5.53 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.72 3.92 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	141.78 6.39 -32.34	139.54 6.22 -41.83	151.95 9.09 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	135.94 6.39 -49.72	152.95 6.27 -65.26	178.16 7.62 -72.90	172.61 6.69 -79.03	161.45 5.37 -84.41	134.33 6.25 -53.71	127.36 6.59 -45.89	125.83 8.01 -37.68	117.35 7.79 -30.13
ASTORIA_GT4_1 24102	98.91 6.27 -4.28	96.82 5.53 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.72 3.92 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	141.78 6.39 -32.34	139.54 6.22 -41.83	151.95 9.09 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	135.94 6.39 -49.72	152.95 6.27 -65.26	178.16 7.62 -72.90	172.61 6.69 -79.03	161.45 5.37 -84.41	134.33 6.25 -53.71	127.36 6.59 -45.89	125.83 8.01 -37.68	117.35 7.79 -30.13
ASTORIA_GT4_2 24103	98.91 6.27 -4.28	96.82 5.53 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.72 3.92 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	141.78 6.39 -32.34	139.54 6.22 -41.83	151.95 9.09 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	135.94 6.39 -49.72	152.95 6.27 -65.26	178.16 7.62 -72.90	172.61 6.69 -79.03	161.45 5.37 -84.41	134.33 6.25 -53.71	127.36 6.59 -45.89	125.83 8.01 -37.68	117.35 7.79 -30.13
ASTORIA_GT4_3 24104	98.91 6.27 -4.28	96.82 5.53 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.72 3.92 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	141.78 6.39 -32.34	139.54 6.22 -41.83	151.95 9.09 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	135.94 6.39 -49.72	152.95 6.27 -65.26	178.16 7.62 -72.90	172.61 6.69 -79.03	161.45 5.37 -84.41	134.33 6.25 -53.71	127.36 6.59 -45.89	125.83 8.01 -37.68	117.35 7.79 -30.13

ASTORIA_GT4_4 24105	98.91 6.27 -4.28	96.82 5.53 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.72 3.92 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	141.78 6.39 -32.34	139.54 6.22 -41.83	151.95 9.09 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	135.94 6.39 -49.72	152.95 6.27 -65.26	178.16 7.62 -72.90	172.61 6.69 -79.03	161.45 5.37 -84.41	134.33 6.25 -53.71	127.36 6.59 -45.89	125.83 8.01 -37.68	117.35 7.79 -30.13
ASTORIA_GT_1 23523	99.09 6.45 -4.28	96.99 5.69 -10.03	95.02 5.26 -8.75	95.28 5.46 -4.66	95.32 5.97 -0.20	108.72 3.92 -23.21	115.80 4.80 -20.38	145.73 5.57 -50.32	142.07 6.69 -32.32	139.72 6.40 -41.83	152.18 9.33 -24.78	135.23 9.88 -13.13	129.29 8.83 -18.93	127.06 7.37 -35.99	128.82 7.56 -35.43	136.09 6.55 -49.72	153.03 6.36 -65.25	178.35 7.81 -72.89	172.69 6.78 -79.02	161.65 5.59 -84.40	134.91 6.84 -53.71	127.73 6.97 -45.88	126.30 8.49 -37.67	117.67 8.11 -30.13
ASTORIA_GT_10 24110	98.64 6.01 -4.28	96.50 5.20 -10.02	94.62 4.86 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.62 5.57 -50.22	142.29 6.90 -32.34	139.91 6.59 -41.83	156.42 9.80 -28.54	135.23 9.88 -13.13	129.30 8.83 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.18 6.63 -49.72	153.28 6.60 -65.26	178.35 7.81 -72.90	172.87 6.95 -79.03	161.95 5.88 -84.41	151.48 6.84 -70.27	127.81 7.04 -45.89	125.51 7.69 -37.68	116.96 7.39 -30.13
ASTORIA_GT_11 24225	98.64 6.01 -4.28	96.50 5.20 -10.02	94.62 4.86 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.62 5.57 -50.22	142.29 6.90 -32.34	139.91 6.59 -41.83	156.42 9.80 -28.54	135.23 9.88 -13.13	129.30 8.83 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.18 6.63 -49.72	153.28 6.60 -65.26	178.35 7.81 -72.90	172.87 6.95 -79.03	161.95 5.88 -84.41	151.48 6.84 -70.27	127.81 7.04 -45.89	125.51 7.69 -37.68	116.96 7.39 -30.13
ASTORIA_GT_12 24226	98.64 6.01 -4.28	96.50 5.20 -10.02	94.62 4.86 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.62 5.57 -50.22	142.29 6.90 -32.34	139.91 6.59 -41.83	156.42 9.80 -28.54	135.23 9.88 -13.13	129.30 8.83 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.18 6.63 -49.72	153.28 6.60 -65.26	178.35 7.81 -72.90	172.87 6.95 -79.03	161.95 5.88 -84.41	151.48 6.84 -70.27	127.81 7.04 -45.89	125.51 7.69 -37.68	116.96 7.39 -30.13
ASTORIA_GT_13 24227	98.64 6.01 -4.28	96.50 5.20 -10.02	94.62 4.86 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.62 5.57 -50.22	142.29 6.90 -32.34	139.91 6.59 -41.83	156.42 9.80 -28.54	135.23 9.88 -13.13	129.30 8.83 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.18 6.63 -49.72	153.28 6.60 -65.26	178.35 7.81 -72.90	172.87 6.95 -79.03	161.95 5.88 -84.41	151.48 6.84 -70.27	127.81 7.04 -45.89	125.51 7.69 -37.68	116.96 7.39 -30.13
ASTORIA_GT_5 24106	99.08 6.45 -4.28	96.99 5.69 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.80 4.00 -23.21	115.76 4.80 -20.34	145.62 5.57 -50.22	141.98 6.60 -32.34	139.73 6.40 -41.83	152.19 9.33 -24.79	135.23 9.88 -13.13	129.30 8.83 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.10 6.55 -49.72	153.12 6.43 -65.26	178.35 7.81 -72.90	172.78 6.86 -79.03	161.66 5.59 -84.41	134.55 6.47 -53.71	127.51 6.74 -45.89	125.99 8.17 -37.68	117.51 7.94 -30.13
ASTORIA_GT_7 24107	99.08 6.45 -4.28	96.99 5.69 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.80 4.00 -23.21	115.76 4.80 -20.34	145.62 5.57 -50.22	141.98 6.60 -32.34	139.73 6.40 -41.83	152.19 9.33 -24.79	135.23 9.88 -13.13	129.30 8.83 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.10 6.55 -49.72	153.12 6.43 -65.26	178.35 7.81 -72.90	172.78 6.86 -79.03	161.66 5.59 -84.41	134.55 6.47 -53.71	127.51 6.74 -45.89	125.99 8.17 -37.68	117.51 7.94 -30.13
ASTORIA_GT_8 24108	99.08 6.45 -4.28	96.99 5.69 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.80 4.00 -23.21	115.76 4.80 -20.34	145.62 5.57 -50.22	141.98 6.60 -32.34	139.73 6.40 -41.83	152.19 9.33 -24.79	135.23 9.88 -13.13	129.30 8.83 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.10 6.55 -49.72	153.12 6.43 -65.26	178.35 7.81 -72.90	172.78 6.86 -79.03	161.66 5.59 -84.41	134.55 6.47 -53.71	127.51 6.74 -45.89	125.99 8.17 -37.68	117.51 7.94 -30.13
ASTORIA___2 24149	99.01 6.37 -4.28	96.83 5.53 -10.03	94.87 5.11 -8.75	95.11 5.28 -4.66	95.22 5.88 -0.20	108.64 3.84 -23.21	115.62 4.62 -20.38	145.55 5.39 -50.32	141.77 6.39 -32.32	139.54 6.22 -41.83	151.95 9.09 -24.78	134.89 9.53 -13.13	129.09 8.62 -18.93	126.81 7.11 -35.99	128.64 7.38 -35.43	135.93 6.39 -49.72	152.78 6.11 -65.25	178.15 7.62 -72.89	172.51 6.60 -79.02	161.44 5.38 -84.40	134.77 6.70 -53.71	127.58 6.81 -45.88	126.15 8.33 -37.67	117.51 7.94 -30.13
ASTORIA___3 23516	98.64 6.01 -4.28	96.50 5.21 -10.02	94.62 4.86 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.48 3.67 -23.21	115.71 4.71 -20.38	145.82 5.66 -50.32	142.29 6.91 -32.33	139.91 6.59 -41.83	156.41 9.79 -28.54	135.23 9.88 -13.13	129.29 8.83 -18.93	127.06 7.37 -35.99	128.82 7.56 -35.43	136.17 6.62 -49.72	153.35 6.68 -65.25	178.35 7.81 -72.89	172.86 6.95 -79.02	161.94 5.88 -84.40	151.77 7.14 -70.27	128.03 7.26 -45.88	125.90 8.09 -37.67	117.12 7.55 -30.13
ASTORIA___4 23517	98.64 6.01 -4.28	96.50 5.20 -10.02	94.62 4.86 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.62 5.57 -50.22	142.29 6.90 -32.34	139.91 6.59 -41.83	156.42 9.80 -28.54	135.23 9.88 -13.13	129.30 8.83 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.18 6.63 -49.72	153.28 6.60 -65.26	178.35 7.81 -72.90	172.87 6.95 -79.03	161.95 5.88 -84.41	151.48 6.84 -70.27	127.81 7.04 -45.89	125.51 7.69 -37.68	116.96 7.39 -30.13
ASTORIA___5 23518	98.64 6.01 -4.28	96.50 5.21 -10.02	94.62 4.86 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.48 3.67 -23.21	115.71 4.71 -20.38	145.82 5.66 -50.32	142.29 6.91 -32.33	139.91 6.59 -41.83	156.41 9.79 -28.54	135.23 9.88 -13.13	129.29 8.83 -18.93	127.06 7.37 -35.99	128.82 7.56 -35.43	136.17 6.62 -49.72	153.35 6.68 -65.25	178.35 7.81 -72.89	172.86 6.95 -79.02	161.94 5.88 -84.40	151.77 7.14 -70.27	128.03 7.26 -45.88	125.90 8.09 -37.67	117.12 7.55 -30.13
AST_ENERGY_2_CC3 323677	98.20 5.57 -4.28	96.09 4.79 -10.02	94.29 4.53 -8.75	94.51 4.68 -4.66	94.51 5.17 -0.20	108.15 3.35 -23.21	107.29 4.26 -12.41	145.26 5.12 -50.31	141.97 6.60 -32.31	139.44 6.13 -41.81	151.82 8.97 -24.77	134.43 9.09 -13.12	128.58 8.13 -18.93	126.46 6.78 -35.97	128.20 6.95 -35.42	135.52 5.99 -49.71	96.90 6.03 -9.45	171.08 7.03 -66.40	165.54 6.26 -72.39	156.03 5.23 -79.14	129.08 6.55 -48.16	127.49 6.74 -45.87	125.42 7.62 -37.66	116.62 7.07 -30.12
AST_ENERGY_2_CC4 323678	98.20 5.57 -4.28	96.09 4.79 -10.02	94.29 4.53 -8.75	94.51 4.68 -4.66	94.51 5.17 -0.20	108.15 3.35 -23.21	107.29 4.26 -12.41	145.26 5.12 -50.31	141.97 6.60 -32.31	139.44 6.13 -41.81	151.82 8.97 -24.77	134.43 9.09 -13.12	128.58 8.13 -18.93	126.46 6.78 -35.97	128.20 6.95 -35.42	135.52 5.99 -49.71	96.90 6.03 -9.45	171.08 7.03 -66.40	165.54 6.26 -72.39	156.03 5.23 -79.14	129.08 6.55 -48.16	127.49 6.74 -45.87	125.42 7.62 -37.66	116.62 7.07 -30.12

ATHENS_STG_1 23668	97.04 3.71 -4.97	96.34 3.41 -11.66	94.59 3.40 -10.18	94.16 3.58 -5.42	93.12 3.74 -0.23	111.03 2.45 -26.99	117.20 2.90 -23.69	151.30 2.96 -58.50	144.24 3.61 -37.59	143.40 3.29 -48.62	151.25 4.37 -28.80	131.74 4.26 -15.26	127.39 3.86 -22.00	128.71 3.18 -41.82	130.27 3.26 -41.17	140.57 2.96 -57.79	160.20 2.93 -75.84	185.88 3.51 -84.72	181.86 3.12 -91.85	172.34 2.58 -98.10	140.29 3.50 -62.43	131.73 3.52 -53.33	127.76 3.85 -43.78	118.10 3.66 -35.00
ATHENS_STG_2 23670	97.04 3.71 -4.97	96.34 3.41 -11.66	94.59 3.40 -10.18	94.16 3.58 -5.42	93.12 3.74 -0.23	111.03 2.45 -26.99	117.20 2.90 -23.69	151.30 2.96 -58.50	144.24 3.61 -37.59	143.40 3.29 -48.62	151.25 4.37 -28.80	131.74 4.26 -15.26	127.39 3.86 -22.00	128.71 3.18 -41.82	130.27 3.26 -41.17	140.57 2.96 -57.79	160.20 2.93 -75.84	185.88 3.51 -84.72	181.86 3.12 -91.85	172.34 2.58 -98.10	140.29 3.50 -62.43	131.73 3.52 -53.33	127.76 3.85 -43.78	118.10 3.66 -35.00
ATHENS_STG_3 23677	97.04 3.71 -4.97	96.34 3.41 -11.66	94.59 3.40 -10.18	94.16 3.58 -5.42	93.12 3.74 -0.23	111.03 2.45 -26.99	117.20 2.90 -23.69	151.30 2.96 -58.50	144.24 3.61 -37.59	143.40 3.29 -48.62	151.25 4.37 -28.80	131.74 4.26 -15.26	127.39 3.86 -22.00	128.71 3.18 -41.82	130.27 3.26 -41.17	140.57 2.96 -57.79	160.20 2.93 -75.84	185.88 3.51 -84.72	181.86 3.12 -91.85	172.34 2.58 -98.10	140.29 3.50 -62.43	131.73 3.52 -53.33	127.76 3.85 -43.78	118.10 3.66 -35.00
AUBURN___LFGE 323710	88.39 -0.53 -0.56	82.11 -0.49 -1.32	81.68 -0.49 -1.16	85.27 -0.51 -0.62	88.54 -0.62 -0.03	84.41 -0.24 -3.07	94.94 1.63 -2.69	98.20 1.71 -6.65	108.35 0.82 -4.47	97.73 0.46 -5.78	121.74 0.24 -3.42	114.15 0.11 -1.81	104.14 0.00 -2.62	88.93 0.25 -4.97	90.99 0.26 -4.89	87.10 0.40 -6.87	91.01 0.57 -9.01	108.59 0.88 -10.07	98.76 0.96 -10.92	83.97 0.64 -11.66	82.98 0.74 -7.87	82.20 0.60 -6.72	86.05 0.40 -5.51	84.33 0.48 -4.41
BABYLON_RES_REC 323704	100.32 7.68 -4.28	97.80 6.50 -10.03	95.92 6.15 -8.75	96.13 6.30 -4.66	96.65 7.31 -0.20	109.54 4.73 -23.21	117.17 6.16 -20.39	146.91 6.74 -50.33	144.77 9.38 -32.34	142.56 9.24 -41.83	155.04 12.16 -24.80	155.91 11.89 -31.80	154.19 10.76 -41.91	155.47 8.96 -62.80	155.51 9.27 -60.40	150.97 8.38 -62.76	192.77 8.63 -102.72	223.41 10.35 -115.42	214.91 9.21 -118.81	189.12 7.59 -109.86	175.93 8.92 -92.64	153.55 8.91 -69.76	127.58 9.77 -37.67	118.71 9.13 -30.14
BABYLON__69_KV_BK2 356345	101.47 8.84 -4.28	98.86 7.56 -10.03	96.97 7.21 -8.75	97.15 7.32 -4.66	97.72 8.38 -0.20	110.43 5.63 -23.21	118.30 7.34 -20.34	147.97 7.91 -50.22	146.11 10.72 -32.34	143.94 10.61 -41.84	156.93 14.05 -24.80	157.83 13.80 -31.80	155.92 12.49 -41.91	156.89 10.38 -62.80	156.97 10.73 -60.41	152.25 9.66 -62.77	194.17 10.02 -102.73	225.18 12.11 -115.43	216.57 10.86 -118.82	190.49 8.96 -109.87	177.05 10.04 -92.64	154.75 10.11 -69.77	128.55 10.74 -37.68	119.91 10.33 -30.14
BALL_HILL_WT_PWR 323825	81.94 -7.15 -0.74	76.76 -6.26 -1.74	76.45 -6.08 -1.52	79.42 -6.56 -0.81	82.85 -6.33 -0.03	79.68 -5.95 -4.04	87.11 -7.16 -3.65	88.44 -8.62 -7.22	97.31 -10.40 -4.66	88.09 -9.42 -6.02	108.89 -12.75 -3.57	101.65 -12.46 -1.89	92.78 -11.47 -2.73	79.18 -9.71 -5.18	80.98 -9.96 -5.10	78.20 -8.78 -7.15	81.85 -8.96 -9.38	97.58 -10.55 -10.48	88.96 -9.30 -11.36	76.13 -7.67 -12.14	73.90 -8.18 -7.71	73.09 -8.39 -6.59	78.07 -8.82 -6.74	77.45 -7.39 -5.39
BARON_WINDS___WT_PWR 323822	85.46 -3.89 -0.99	80.34 -3.25 -2.32	79.87 -3.16 -2.02	82.84 -3.41 -1.08	86.16 -3.03 -0.05	84.03 -2.93 -5.37	92.21 -3.26 -4.86	97.09 -3.77 -11.03	105.46 -4.74 -7.14	96.15 -4.57 -9.24	117.05 -6.49 -5.47	108.73 -6.39 -2.90	99.82 -5.89 -4.18	86.89 -4.77 -7.94	88.77 -4.89 -7.82	86.57 -4.23 -10.98	91.68 -4.15 -14.40	108.85 -4.88 -16.09	100.07 -4.26 -17.44	86.64 -3.65 -18.63	82.27 -3.94 -11.85	80.73 -4.27 -10.12	84.36 -4.81 -9.03	82.44 -4.21 -7.22
BARRETT_IC_1 23704	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14
BARRETT_IC_10 23701	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14
BARRETT_IC_11 23702	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14
BARRETT_IC_12 23703	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14
BARRETT_IC_2 23705	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14
BARRETT_IC_3 23706	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14
BARRETT_IC_4 23707	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14

BARRETT_IC_5 23708	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14
BARRETT_IC_6 23709	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14
BARRETT_IC_7 23710	99.17 6.54 -4.28	96.91 5.61 -10.03	95.03 5.27 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.31 3.51 -23.21	115.67 4.71 -20.34	145.45 5.39 -50.22	142.81 7.42 -32.34	140.83 7.50 -41.84	152.91 10.04 -24.80	153.90 9.88 -31.80	152.37 8.93 -41.91	153.88 7.37 -62.80	153.80 7.55 -60.41	149.30 6.71 -62.77	190.83 6.68 -102.73	220.78 7.71 -115.42	212.57 6.86 -118.82	187.41 5.88 -109.87	174.07 7.06 -92.64	151.91 7.26 -69.77	125.83 8.01 -37.68	117.53 7.94 -30.14
BARRETT_IC_8 23711	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14
BARRETT_IC_9 23700	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14
BARRETT___1 23545	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14
BARRETT___2 23546	99.17 6.54 -4.28	96.90 5.60 -10.03	95.02 5.26 -8.75	95.20 5.37 -4.66	95.58 6.24 -0.20	108.56 3.76 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	142.91 7.52 -32.34	140.83 7.50 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.79 7.56 -60.40	149.29 6.71 -62.76	190.90 6.75 -102.72	220.77 7.71 -115.41	212.56 6.86 -118.81	187.47 5.94 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.45 7.87 -30.14
BATAVIA__115KV_TB1 55881	83.16 -5.83 -0.64	77.73 -5.04 -1.49	77.37 -4.94 -1.30	80.84 -5.03 -0.69	83.38 -5.79 -0.03	80.32 -4.73 -3.46	88.13 -5.53 -3.04	89.46 -6.83 -6.45	98.78 -8.55 -4.28	89.24 -7.78 -5.53	110.25 -11.10 -3.28	103.19 -10.77 -1.74	94.28 -9.75 -2.50	80.01 -8.45 -4.76	81.93 -8.58 -4.68	79.05 -7.34 -6.57	82.72 -7.33 -8.62	98.68 -8.59 -9.63	89.86 -7.47 -10.44	76.51 -6.31 -11.15	74.85 -6.69 -7.17	74.27 -6.74 -6.13	79.38 -6.57 -5.82	78.45 -5.64 -4.65
BAYONEEC___CTG1 323682	98.11 5.48 -4.28	96.01 4.71 -10.02	94.21 4.45 -8.75	94.51 4.68 -4.66	94.51 5.17 -0.20	108.23 3.43 -23.21	115.44 4.44 -20.38	145.36 5.21 -50.32	142.08 6.69 -32.33	139.54 6.22 -41.82	151.94 9.09 -24.77	134.55 9.20 -13.12	128.78 8.33 -18.93	126.55 6.87 -35.97	128.29 7.04 -35.42	135.68 6.15 -49.71	122.85 6.11 -35.31	110.53 7.23 -5.66	104.99 6.34 -11.76	122.70 5.30 -45.73	125.48 6.62 -44.49	90.94 6.74 -9.32	125.42 7.62 -37.66	116.62 7.07 -30.12
BAYONEEC___CTG10 323750	98.11 5.48 -4.28	96.01 4.71 -10.02	94.21 4.45 -8.75	94.51 4.68 -4.66	94.51 5.17 -0.20	108.23 3.43 -23.21	115.44 4.44 -20.38	145.36 5.21 -50.32	142.08 6.69 -32.33	139.54 6.22 -41.82	151.94 9.09 -24.77	134.55 9.20 -13.12	128.78 8.33 -18.93	126.55 6.87 -35.97	128.29 7.04 -35.42	135.68 6.15 -49.71	122.85 6.11 -35.31	110.53 7.23 -5.66	104.99 6.34 -11.76	122.70 5.30 -45.73	125.48 6.62 -44.49	90.94 6.74 -9.32	125.42 7.62 -37.66	116.62 7.07 -30.12
BAYONEEC___CTG2 323683	98.11 5.48 -4.28	96.01 4.71 -10.02	94.21 4.45 -8.75	94.51 4.68 -4.66	94.51 5.17 -0.20	108.23 3.43 -23.21	115.44 4.44 -20.38	145.36 5.21 -50.32	142.08 6.69 -32.33	139.54 6.22 -41.82	151.94 9.09 -24.77	134.55 9.20 -13.12	128.78 8.33 -18.93	126.55 6.87 -35.97	128.29 7.04 -35.42	135.68 6.15 -49.71	122.85 6.11 -35.31	110.53 7.23 -5.66	104.99 6.34 -11.76	122.70 5.30 -45.73	125.48 6.62 -44.49	90.94 6.74 -9.32	125.42 7.62 -37.66	116.62 7.07 -30.12
BAYONEEC___CTG3 323684	98.11 5.48 -4.28	96.01 4.71 -10.02	94.21 4.45 -8.75	94.51 4.68 -4.66	94.51 5.17 -0.20	108.23 3.43 -23.21	115.44 4.44 -20.38	145.36 5.21 -50.32	142.08 6.69 -32.33	139.54 6.22 -41.82	151.94 9.09 -24.77	134.55 9.20 -13.12	128.78 8.33 -18.93	126.55 6.87 -35.97	128.29 7.04 -35.42	135.68 6.15 -49.71	122.85 6.11 -35.31	110.53 7.23 -5.66	104.99 6.34 -11.76	122.70 5.30 -45.73	125.48 6.62 -44.49	90.94 6.74 -9.32	125.42 7.62 -37.66	116.62 7.07 -30.12
BAYONEEC___CTG4 323685	98.11 5.48 -4.28	96.01 4.71 -10.02	94.21 4.45 -8.75	94.51 4.68 -4.66	94.51 5.17 -0.20	108.23 3.43 -23.21	115.44 4.44 -20.38	145.36 5.21 -50.32	142.08 6.69 -32.33	139.54 6.22 -41.82	151.94 9.09 -24.77	134.55 9.20 -13.12	128.78 8.33 -18.93	126.55 6.87 -35.97	128.29 7.04 -35.42	135.68 6.15 -49.71	122.85 6.11 -35.31	110.53 7.23 -5.66	104.99 6.34 -11.76	122.70 5.30 -45.73	125.48 6.62 -44.49	90.94 6.74 -9.32	125.42 7.62 -37.66	116.62 7.07 -30.12
BAYONEEC___CTG5 323686	98.11 5.48 -4.28	96.01 4.71 -10.02	94.21 4.45 -8.75	94.51 4.68 -4.66	94.51 5.17 -0.20	108.23 3.43 -23.21	115.44 4.44 -20.38	145.36 5.21 -50.32	142.08 6.69 -32.33	139.54 6.22 -41.82	151.94 9.09 -24.77	134.55 9.20 -13.12	128.78 8.33 -18.93	126.55 6.87 -35.97	128.29 7.04 -35.42	135.68 6.15 -49.71	122.85 6.11 -35.31	110.53 7.23 -5.66	104.99 6.34 -11.76	122.70 5.30 -45.73	125.48 6.62 -44.49	90.94 6.74 -9.32	125.42 7.62 -37.66	116.62 7.07 -30.12
BAYONEEC___CTG6 323687	98.11 5.48 -4.28	96.01 4.71 -10.02	94.21 4.45 -8.75	94.51 4.68 -4.66	94.51 5.17 -0.20	108.23 3.43 -23.21	115.44 4.44 -20.38	145.36 5.21 -50.32	142.08 6.69 -32.33	139.54 6.22 -41.82	151.94 9.09 -24.77	134.55 9.20 -13.12	128.78 8.33 -18.93	126.55 6.87 -35.97	128.29 7.04 -35.42	135.68 6.15 -49.71	122.85 6.11 -35.31	110.53 7.23 -5.66	104.99 6.34 -11.76	122.70 5.30 -45.73	125.48 6.62 -44.49	90.94 6.74 -9.32	125.42 7.62 -37.66	116.62 7.07 -30.12

BAYONEEC___CTG7 323688	98.11 5.48 -4.28	96.01 4.71 -10.02	94.21 4.45 -8.75	94.51 4.68 -4.66	94.51 5.17 -0.20	108.23 3.43 -23.21	115.44 4.44 -20.38	145.36 5.21 -50.32	142.08 6.69 -32.33	139.54 6.22 -41.82	151.94 9.09 -24.77	134.55 9.20 -13.12	128.78 8.33 -18.93	126.55 6.87 -35.97	128.29 7.04 -35.42	135.68 6.15 -49.71	122.85 6.11 -35.31	110.53 7.23 -5.66	104.99 6.34 -11.76	122.70 5.30 -45.73	125.48 6.62 -44.49	90.94 6.74 -9.32	125.42 7.62 -37.66	116.62 7.07 -30.12
BAYONEEC___CTG8 323689	98.11 5.48 -4.28	96.01 4.71 -10.02	94.21 4.45 -8.75	94.51 4.68 -4.66	94.51 5.17 -0.20	108.23 3.43 -23.21	115.44 4.44 -20.38	145.36 5.21 -50.32	142.08 6.69 -32.33	139.54 6.22 -41.82	151.94 9.09 -24.77	134.55 9.20 -13.12	128.78 8.33 -18.93	126.55 6.87 -35.97	128.29 7.04 -35.42	135.68 6.15 -49.71	122.85 6.11 -35.31	110.53 7.23 -5.66	104.99 6.34 -11.76	122.70 5.30 -45.73	125.48 6.62 -44.49	90.94 6.74 -9.32	125.42 7.62 -37.66	116.62 7.07 -30.12
BAYONEEC___CTG9 323749	98.11 5.48 -4.28	96.01 4.71 -10.02	94.21 4.45 -8.75	94.51 4.68 -4.66	94.51 5.17 -0.20	108.23 3.43 -23.21	115.44 4.44 -20.38	145.36 5.21 -50.32	142.08 6.69 -32.33	139.54 6.22 -41.82	151.94 9.09 -24.77	134.55 9.20 -13.12	128.78 8.33 -18.93	126.55 6.87 -35.97	128.29 7.04 -35.42	135.68 6.15 -49.71	122.85 6.11 -35.31	110.53 7.23 -5.66	104.99 6.34 -11.76	122.70 5.30 -45.73	125.48 6.62 -44.49	90.94 6.74 -9.32	125.42 7.62 -37.66	116.62 7.07 -30.12
BEACON___LESR 323632	98.81 4.86 -5.59	98.77 4.39 -13.11	96.99 4.53 -11.45	96.03 4.77 -6.10	94.57 5.17 -0.26	115.95 4.00 -30.37	120.55 3.35 -26.58	158.13 2.61 -65.69	148.30 3.09 -42.16	148.77 2.74 -54.53	153.57 3.19 -32.30	132.25 2.91 -17.11	128.74 2.54 -24.68	132.71 2.09 -46.91	134.24 2.23 -46.18	146.80 2.16 -64.81	168.77 2.28 -85.07	195.50 2.83 -95.03	192.43 2.52 -103.02	183.70 2.00 -110.03	147.06 2.67 -70.02	137.39 2.69 -59.82	132.16 2.97 -49.06	122.16 3.49 -39.23
BEAVER RIVER___HYD 24048	87.99 -0.53 -0.16	81.09 -0.56 -0.38	80.86 -0.48 -0.33	84.84 -0.51 -0.18	88.71 -0.44 -0.01	82.39 -0.16 -0.96	91.56 0.09 -0.85	92.40 0.45 -2.11	104.23 -0.21 -1.39	93.10 -0.18 -1.79	118.90 -0.24 -1.06	112.56 -0.22 -0.56	102.14 -0.20 -0.81	84.92 -0.33 -1.54	87.01 -0.34 -1.52	81.72 -0.24 -2.13	83.82 -0.41 -2.80	100.38 -0.39 -3.12	89.49 -0.78 -3.39	74.85 -0.43 -3.62	76.25 -0.22 -2.11	76.31 -0.37 -1.80	80.89 -0.72 -1.48	79.75 -0.87 -1.18
BEEBEE_GT_13 23619	85.01 -3.89 -0.55	79.22 -3.33 -1.28	78.81 -3.32 -1.12	82.27 -3.49 -0.59	84.53 -4.64 -0.03	81.37 -3.18 -2.96	89.59 -3.62 -2.60	91.97 -4.49 -6.63	101.55 -5.87 -4.37	91.92 -5.21 -5.65	113.86 -7.56 -3.35	106.70 -7.29 -1.77	97.48 -6.60 -2.56	82.96 -5.61 -4.86	84.95 -5.67 -4.78	81.67 -4.87 -6.71	85.35 -4.89 -8.81	101.63 -5.86 -9.84	92.52 -5.04 -10.67	78.83 -4.23 -11.40	77.32 -4.39 -7.34	76.74 -4.42 -6.27	80.97 -4.17 -5.00	79.78 -3.65 -4.00
BENSHRST_27_KV_BENSHRST_1 355998	99.53 6.89 -4.28	97.23 5.93 -10.02	95.35 5.59 -8.75	95.62 5.79 -4.66	95.76 6.42 -0.20	109.29 4.49 -23.21	116.57 5.62 -20.34	146.52 6.47 -50.22	143.48 8.04 -32.39	140.97 7.59 -41.89	257.59 10.86 -128.65	136.24 10.89 -13.13	130.31 9.85 -18.94	127.82 8.12 -35.99	129.59 8.33 -35.43	136.90 7.34 -49.72	154.09 7.41 -65.26	191.46 8.98 -84.83	191.15 7.99 -96.26	162.84 6.66 -84.51	252.56 7.81 -170.39	159.43 7.94 -76.62	126.31 8.49 -37.68	117.59 8.02 -30.13
BETHLEHEM___GRP 23843	97.31 3.36 -5.60	97.49 3.09 -13.12	95.71 3.24 -11.46	94.68 3.41 -6.10	93.06 3.65 -0.26	114.43 2.45 -30.39	118.80 1.54 -26.64	156.58 0.90 -65.84	146.34 1.03 -42.25	147.06 0.91 -54.66	151.40 0.94 -32.38	130.16 0.79 -17.15	126.97 0.71 -24.73	131.31 0.59 -47.02	132.72 0.60 -46.29	145.35 0.56 -64.96	167.25 0.57 -85.26	193.57 0.68 -95.24	190.75 0.61 -103.26	182.38 0.43 -110.28	145.74 1.19 -70.18	136.18 1.35 -59.95	131.31 2.00 -49.17	120.82 2.07 -39.32
BETHLEHEM___GS1 323560	97.31 3.36 -5.60	97.49 3.09 -13.12	95.71 3.24 -11.46	94.68 3.41 -6.10	93.06 3.66 -0.26	114.44 2.45 -30.40	118.79 1.54 -26.63	156.47 0.81 -65.82	146.33 1.03 -42.25	147.06 0.91 -54.66	151.39 0.94 -32.37	130.16 0.79 -17.15	126.98 0.72 -24.73	131.31 0.59 -47.01	132.72 0.61 -46.28	145.35 0.56 -64.96	167.25 0.57 -85.25	193.57 0.69 -95.23	190.75 0.61 -103.25	182.37 0.43 -110.27	145.73 1.19 -70.17	136.02 1.19 -59.95	130.75 1.44 -49.17	120.82 2.06 -39.31
BETHLEHEM___GS2 323561	97.31 3.36 -5.60	97.49 3.09 -13.12	95.71 3.24 -11.46	94.68 3.41 -6.10	93.06 3.66 -0.26	114.44 2.45 -30.40	118.79 1.54 -26.63	156.47 0.81 -65.82	146.33 1.03 -42.25	147.06 0.91 -54.66	151.39 0.94 -32.37	130.16 0.79 -17.15	126.98 0.72 -24.73	131.31 0.59 -47.01	132.72 0.61 -46.28	145.35 0.56 -64.96	167.25 0.57 -85.25	193.57 0.69 -95.23	190.75 0.61 -103.25	182.37 0.43 -110.27	145.73 1.19 -70.17	136.02 1.19 -59.95	130.75 1.44 -49.17	120.82 2.06 -39.31
BETHLEHEM___GS3 323562	97.31 3.36 -5.60	97.49 3.09 -13.12	95.71 3.24 -11.46	94.68 3.41 -6.10	93.06 3.66 -0.26	114.44 2.45 -30.40	118.79 1.54 -26.63	156.47 0.81 -65.82	146.33 1.03 -42.25	147.06 0.91 -54.66	151.39 0.94 -32.37	130.16 0.79 -17.15	126.98 0.72 -24.73	131.31 0.59 -47.01	132.72 0.61 -46.28	145.35 0.56 -64.96	167.25 0.57 -85.25	193.57 0.69 -95.23	190.75 0.61 -103.25	182.37 0.43 -110.27	145.73 1.19 -70.17	136.02 1.19 -59.95	130.75 1.44 -49.17	120.82 2.06 -39.31
BETHLEHEM___STEEL 23779	81.41 -7.69 -0.74	76.26 -6.75 -1.74	75.96 -6.56 -1.52	79.16 -6.81 -0.81	82.76 -6.42 -0.03	79.17 -6.45 -4.02	86.45 -7.70 -3.54	87.63 -9.16 -6.96	96.66 -11.03 -4.63	87.59 -9.88 -5.98	108.28 -13.34 -3.54	101.08 -13.02 -1.88	92.46 -11.78 -2.71	78.81 -10.05 -5.15	80.60 -10.30 -5.07	77.83 -9.10 -7.11	81.55 -9.20 -9.33	97.12 -10.94 -10.42	88.62 -9.56 -11.29	75.70 -8.03 -12.06	73.63 -8.48 -7.74	72.95 -8.54 -6.61	78.23 -8.65 -6.74	77.29 -7.55 -5.39
BETHLHEM_115KV_TB1 79974	97.31 3.36 -5.60	97.48 3.09 -13.12	95.70 3.24 -11.45	94.67 3.41 -6.10	92.97 3.57 -0.26	114.41 2.45 -30.37	118.87 1.63 -26.62	156.71 1.08 -65.80	146.61 1.34 -42.22	147.30 1.19 -54.62	151.73 1.30 -32.35	130.59 1.23 -17.14	127.36 1.12 -24.71	131.53 0.84 -46.98	132.94 0.86 -46.25	145.54 0.80 -64.91	167.43 0.81 -85.19	193.79 0.98 -95.17	190.93 0.87 -103.17	182.57 0.72 -110.19	145.90 1.41 -70.12	136.36 1.57 -59.90	131.43 2.16 -49.13	120.95 2.22 -39.28
BETHPAGE_CC_5 323564	99.71 7.07 -4.28	97.31 6.01 -10.03	95.43 5.67 -8.75	95.62 5.79 -4.66	96.03 6.69 -0.20	109.05 4.24 -23.21	116.35 5.35 -20.39	146.00 5.84 -50.33	143.64 8.25 -32.34	141.46 8.14 -41.83	153.73 10.86 -24.80	154.80 10.77 -31.80	153.08 9.65 -41.91	154.46 7.96 -62.80	154.48 8.24 -60.40	149.93 7.34 -62.76	191.72 7.57 -102.72	222.15 9.08 -115.42	213.69 7.99 -118.81	188.19 6.67 -109.86	174.97 7.96 -92.64	152.66 8.02 -69.76	126.70 8.89 -37.67	117.92 8.34 -30.14
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	81.33 -7.78 -0.75	76.21 -6.83 -1.76	75.91 -6.64 -1.54	79.09 -6.90 -0.82	83.20 -5.97 -0.04	79.14 -6.53 -4.08	86.59 -7.61 -3.59	87.87 -9.07 -7.11	96.96 -10.82 -4.72	87.90 -9.70 -6.10	108.71 -12.99 -3.62	101.46 -12.68 -1.92	92.82 -11.47 -2.77	79.17 -9.79 -5.25	81.05 -9.96 -5.17	78.22 -8.86 -7.25	81.91 -9.04 -9.52	97.73 -10.55 -10.63	89.03 -9.38 -11.53	76.16 -7.81 -12.31	74.01 -8.25 -7.89	73.24 -8.39 -6.75	78.24 -8.73 -6.84	77.28 -7.63 -5.47

BINGHAMTON___COGEN 23790	89.26 -0.53 -1.44	84.23 -0.41 -3.36	83.54 -0.41 -2.94	86.31 -0.43 -1.56	89.12 -0.09 -0.07	88.81 -0.57 -7.79	97.17 -0.27 -6.83	105.96 -0.36 -16.49	113.69 -0.31 -10.95	105.19 -0.46 -14.16	125.76 -0.71 -8.39	115.99 -0.67 -4.44	107.23 -0.71 -6.41	95.47 -0.42 -12.18	97.40 -0.43 -11.99	96.34 -0.32 -16.83	103.27 -0.24 -22.09	122.12 -0.20 -24.67	113.55 -0.09 -26.75	100.02 -0.21 -28.57	92.45 -0.07 -18.15	90.24 -0.15 -15.51	92.91 -0.24 -13.01	89.77 -0.08 -10.40
BIXINCNT_115KV_LOAD 355685	81.73 -7.42 -0.80	76.81 -6.34 -1.87	76.57 -6.08 -1.64	79.91 -6.13 -0.87	85.08 -4.10 -0.04	80.06 -5.87 -4.34	87.91 -6.52 -3.81	89.89 -7.73 -7.78	99.15 -9.07 -5.16	89.75 -8.42 -6.67	111.05 -10.98 -3.95	103.66 -10.66 -2.10	94.80 -9.75 -3.02	80.83 -8.62 -5.74	82.56 -8.93 -5.65	79.78 -7.98 -7.93	83.44 -8.39 -10.41	99.80 -9.47 -11.62	90.80 -8.69 -12.60	77.96 -7.17 -13.46	75.11 -7.88 -8.63	73.94 -8.31 -7.37	78.03 -9.38 -7.27	76.91 -8.34 -5.81
BLACK RIVER___HYD 24047	88.58 0.00 -0.23	81.64 -0.16 -0.53	81.47 0.00 -0.46	85.42 0.00 -0.25	89.15 0.00 -0.01	83.29 0.41 -1.29	92.83 1.09 -1.12	94.14 1.53 -2.78	106.12 1.24 -1.83	94.77 0.91 -2.36	120.54 1.06 -1.40	113.97 1.01 -0.74	103.41 0.81 -1.07	86.41 0.67 -2.03	88.61 0.77 -2.00	83.52 0.88 -2.81	86.33 1.22 -3.69	103.71 1.95 -4.12	92.66 1.31 -4.46	77.36 0.93 -4.77	78.38 1.12 -2.90	78.18 0.83 -2.47	82.80 0.64 -2.03	81.54 0.48 -1.62
BLACKRVR_115KV_TB2 79977	88.58 0.00 -0.23	81.64 -0.16 -0.53	81.47 0.00 -0.46	85.42 0.00 -0.25	89.15 0.00 -0.01	83.23 0.41 -1.23	92.74 1.00 -1.13	94.16 1.53 -2.79	106.08 1.24 -1.79	94.62 0.82 -2.31	120.51 1.06 -1.37	113.84 0.90 -0.72	103.38 0.81 -1.05	86.37 0.67 -1.99	88.56 0.77 -1.96	83.45 0.88 -2.74	86.25 1.22 -3.60	103.62 1.95 -4.02	92.55 1.30 -4.36	77.26 0.93 -4.66	78.52 1.12 -3.04	78.30 0.82 -2.59	82.91 0.64 -2.13	81.62 0.48 -1.70
BLISS_WT_PWR 323608	81.73 -7.42 -0.80	76.81 -6.34 -1.87	76.65 -5.99 -1.64	79.83 -6.21 -0.87	84.45 -4.73 -0.04	80.15 -5.79 -4.35	88.02 -6.53 -3.93	90.19 -7.73 -8.08	99.08 -9.17 -5.20	89.89 -8.32 -6.72	111.08 -10.98 -3.98	103.56 -10.77 -2.11	94.72 -9.85 -3.04	80.78 -8.71 -5.78	82.43 -9.10 -5.69	79.67 -8.14 -7.99	83.19 -8.71 -10.48	99.59 -9.76 -11.71	90.54 -9.04 -12.69	77.98 -7.24 -13.55	74.95 -8.03 -8.62	73.56 -8.68 -7.36	77.46 -9.94 -7.26	76.51 -8.74 -5.80
BLUESTONE___WT_PWR 323821	94.94 5.03 -1.55	89.62 4.71 -3.63	89.04 4.86 -3.17	92.14 5.28 -1.69	94.92 5.71 -0.07	95.31 5.30 -8.42	105.15 6.98 -7.55	115.26 7.01 -18.41	123.04 8.14 -11.84	113.76 6.95 -15.32	135.77 8.62 -9.08	125.22 8.19 -4.81	115.57 7.10 -6.93	102.83 5.94 -13.18	104.90 6.09 -12.97	103.62 5.59 -18.21	111.51 6.19 -23.90	131.96 7.62 -26.70	122.17 6.34 -28.94	107.30 4.73 -30.91	99.01 4.98 -19.66	96.40 4.72 -16.80	99.16 5.05 -13.97	95.62 5.01 -11.17
BLUE_CIRC_CHEM_DRP 24182	97.48 3.62 -5.50	97.57 3.41 -12.88	95.74 3.48 -11.24	94.73 3.58 -5.99	93.23 3.83 -0.26	114.11 2.69 -29.83	119.20 2.45 -26.14	156.42 1.98 -64.61	146.76 2.27 -41.44	146.93 1.83 -53.61	151.95 2.13 -31.75	131.06 2.02 -16.82	127.61 1.83 -24.26	131.33 1.51 -46.11	132.77 1.55 -45.39	145.05 1.52 -63.71	166.67 1.63 -83.62	193.00 1.95 -93.41	189.89 1.74 -101.27	181.25 1.43 -108.16	145.35 2.16 -68.83	135.92 2.25 -58.80	131.00 2.64 -48.22	120.70 2.70 -38.56
BOC_GAS_DRP 24189	96.85 2.92 -5.57	97.10 2.76 -13.07	95.17 2.75 -11.41	94.14 2.90 -6.07	92.43 3.03 -0.26	113.80 1.96 -30.25	119.04 1.90 -26.52	156.99 1.62 -65.54	147.04 1.96 -42.03	147.60 1.74 -54.37	152.53 2.24 -32.21	131.41 2.13 -17.06	128.06 1.93 -24.60	132.07 1.59 -46.77	133.51 1.63 -46.04	145.97 1.52 -64.62	167.70 1.47 -84.81	194.14 1.76 -94.74	191.17 1.56 -102.72	182.66 1.29 -109.71	146.19 2.01 -69.81	136.54 2.02 -59.64	131.37 2.32 -48.91	120.93 2.38 -39.11
BOONVILLE_115KV_TB1 79983	90.26 1.77 -0.14	83.23 1.63 -0.33	83.00 1.70 -0.29	87.11 1.79 -0.15	91.11 1.96 -0.01	84.22 1.88 -0.76	93.76 2.45 -0.70	94.17 2.61 -1.73	106.99 2.78 -1.15	95.36 2.38 -1.49	122.03 3.07 -0.88	115.50 2.81 -0.47	104.74 2.54 -0.68	87.09 2.09 -1.28	89.24 2.15 -1.26	83.60 2.00 -1.77	85.79 2.04 -2.33	102.78 2.54 -2.60	91.70 2.00 -2.82	76.18 1.50 -3.01	78.11 1.78 -1.96	78.20 1.65 -1.67	83.19 1.68 -1.37	82.13 1.59 -1.10
BORALEX_4TH_BRANCH 23824	99.83 5.92 -5.56	99.74 5.45 -13.02	97.72 5.35 -11.37	96.93 5.71 -6.05	95.55 6.15 -0.26	116.15 4.41 -30.15	122.20 5.17 -26.42	159.99 4.85 -65.30	150.70 5.56 -42.08	150.77 4.85 -54.43	156.22 5.90 -32.24	134.80 5.50 -17.08	131.24 5.08 -24.63	134.63 4.10 -46.82	136.05 4.12 -46.09	148.51 3.99 -64.69	170.40 4.07 -84.90	197.66 5.18 -94.84	194.14 4.43 -102.83	185.14 3.65 -109.82	149.31 5.06 -69.89	139.53 4.94 -59.70	134.15 5.05 -48.97	123.68 5.08 -39.15
BOWLINE___1 23526	97.18 4.68 -4.14	95.13 4.14 -9.71	93.38 3.89 -8.48	93.77 4.09 -4.52	93.88 4.54 -0.19	107.11 3.02 -22.49	114.18 3.81 -19.76	143.09 4.49 -48.77	140.05 5.66 -31.33	137.33 5.30 -40.53	149.53 7.44 -24.01	132.35 7.40 -12.72	126.47 6.60 -18.34	124.10 5.52 -34.87	125.82 5.66 -34.32	132.95 4.95 -48.17	149.70 5.05 -63.23	174.33 6.06 -70.63	168.76 5.30 -76.57	157.89 4.44 -81.78	132.06 5.65 -52.04	124.96 5.62 -44.46	122.81 6.17 -36.51	114.27 5.64 -29.19
BOWLINE___2 23595	97.09 4.59 -4.14	94.97 3.98 -9.71	93.30 3.81 -8.48	93.69 4.00 -4.52	93.70 4.37 -0.19	106.94 2.85 -22.50	114.09 3.72 -19.76	142.92 4.31 -48.77	139.95 5.56 -31.34	137.15 5.12 -40.54	149.29 7.20 -24.01	132.23 7.29 -12.72	126.37 6.50 -18.34	123.94 5.36 -34.87	125.66 5.50 -34.33	132.88 4.87 -48.18	149.62 4.97 -63.23	174.14 5.86 -70.63	168.68 5.21 -76.58	157.83 4.37 -81.79	131.92 5.50 -52.05	124.88 5.54 -44.46	122.73 6.09 -36.51	114.19 5.56 -29.19
BRADY___115KV_TB2 356060	88.18 -0.18 0.00	80.95 -0.33 0.00	80.77 -0.24 0.00	84.91 -0.26 0.00	89.14 0.00 0.00	81.51 -0.08 0.00	90.01 -1.00 -0.39	90.17 -0.63 -0.96	100.69 -2.99 -0.63	90.02 -2.29 -0.81	116.79 -1.77 -0.48	110.12 -2.36 -0.26	100.27 -1.62 -0.37	82.23 -2.18 -0.70	84.03 -2.49 -0.69	78.72 -2.08 -0.97	80.25 -2.44 -1.27	95.64 -3.42 -1.42	85.03 -3.39 -1.54	72.30 -1.00 -1.64	75.36 -0.07 -1.07	75.49 -0.30 -0.91	80.48 -0.40 -0.75	79.56 -0.48 -0.60
BRANSCOMB___SOLAR 323811	100.10 6.01 -5.73	100.07 5.36 -13.43	98.17 5.43 -11.73	97.03 5.62 -6.24	95.56 6.15 -0.27	117.67 4.98 -31.11	123.72 5.80 -27.30	163.07 5.75 -67.48	153.09 6.60 -43.43	153.35 5.67 -56.18	158.44 7.08 -33.28	136.24 6.39 -17.63	132.63 5.68 -25.42	136.72 4.68 -48.33	138.22 4.80 -47.58	151.39 4.79 -66.77	174.20 5.13 -87.64	201.89 6.34 -97.90	198.59 5.57 -106.14	189.61 4.59 -113.36	151.93 5.43 -72.14	141.90 5.39 -61.63	136.20 5.53 -50.54	125.18 5.32 -40.41
BRENTWOD_69_KV_W. BRTWOOD 56703	101.20 8.57 -4.28	98.61 7.31 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.54 8.20 -0.20	110.19 5.39 -23.21	117.94 6.98 -20.34	147.70 7.64 -50.22	145.70 10.31 -32.34	143.57 10.25 -41.84	156.57 13.70 -24.80	157.49 13.47 -31.80	155.62 12.18 -41.91	156.64 10.13 -62.80	156.63 10.39 -60.41	152.01 9.42 -62.77	193.84 9.69 -102.73	224.50 11.42 -115.43	216.14 10.43 -118.82	190.21 8.67 -109.87	176.75 9.74 -92.64	154.46 9.81 -69.77	128.23 10.42 -37.68	119.67 10.09 -30.14

BRISTLHL_115KV_TB1 79998	86.33 -2.39 -0.35	79.91 -2.19 -0.83	79.55 -2.19 -0.72	83.17 -2.38 -0.39	86.57 -2.59 -0.02	81.31 -2.20 -1.92	89.86 -2.45 -1.69	91.69 -2.34 -4.18	102.86 -2.78 -2.59	92.28 -2.56 -3.35	116.64 -3.42 -1.98	110.02 -3.25 -1.05	100.10 -2.94 -1.52	84.33 -2.26 -2.88	86.35 -2.32 -2.84	81.73 -2.08 -3.98	84.61 -2.04 -5.22	101.13 -2.34 -5.83	91.21 -2.00 -6.33	76.63 -1.79 -6.76	77.07 -1.71 -4.41	76.85 -1.80 -3.77	81.30 -1.92 -3.09	80.00 -1.91 -2.47
BROOKHAVEN___DRP 24191	101.03 8.39 -4.28	98.45 7.15 -10.03	96.49 6.72 -8.75	96.64 6.81 -4.66	97.28 7.93 -0.20	110.03 5.22 -23.21	117.85 6.89 -20.34	147.16 7.10 -50.22	145.60 10.20 -32.34	143.57 10.25 -41.84	156.57 13.70 -24.80	157.49 13.47 -31.80	155.62 12.18 -41.91	156.72 10.21 -62.80	156.80 10.56 -60.41	152.17 9.58 -62.77	194.09 9.93 -102.73	225.29 12.21 -115.44	216.48 10.77 -118.82	190.42 8.89 -109.87	176.97 9.97 -92.64	154.68 10.03 -69.77	128.31 10.50 -37.68	119.67 10.09 -30.14
BROOKLYN_NAVY_YARD 23515	98.29 5.66 -4.28	96.17 4.88 -10.02	94.29 4.53 -8.75	94.60 4.77 -4.66	94.60 5.26 -0.20	108.31 3.51 -23.21	115.53 4.53 -20.38	145.64 5.48 -50.32	142.29 6.91 -32.33	139.81 6.50 -41.82	152.06 9.22 -24.77	134.65 9.31 -13.12	128.78 8.33 -18.93	126.63 6.94 -35.97	128.37 7.12 -35.42	135.68 6.15 -49.71	152.93 6.27 -65.24	177.84 7.33 -72.87	172.41 6.52 -79.01	161.49 5.44 -84.38	134.83 6.77 -53.70	127.64 6.88 -45.87	125.57 7.77 -37.66	116.71 7.15 -30.12
BROOKLYN___ARMY_DRP 323595	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
BROOKVLE_69_KV_TB1 55790	99.61 6.98 -4.28	97.31 6.01 -10.03	95.43 5.67 -8.75	95.71 5.88 -4.66	95.94 6.60 -0.20	108.88 4.08 -23.21	116.31 5.35 -20.34	146.17 6.11 -50.22	143.43 8.04 -32.34	141.29 7.96 -41.84	153.74 10.86 -24.80	154.80 10.77 -31.80	153.08 9.65 -41.91	154.55 8.04 -62.80	154.40 8.15 -60.41	149.86 7.26 -62.77	191.48 7.33 -102.73	221.86 8.79 -115.43	213.53 7.82 -118.82	187.99 6.45 -109.87	174.45 7.44 -92.64	152.28 7.64 -69.77	125.99 8.17 -37.68	117.77 8.18 -30.14
BROOME_2_LFGE 323671	89.26 -0.53 -1.44	84.23 -0.40 -3.36	83.54 -0.40 -2.94	86.23 -0.51 -1.56	88.94 -0.27 -0.07	88.82 -0.57 -7.79	97.39 -0.27 -7.04	106.49 -0.36 -17.01	113.68 -0.31 -10.93	105.17 -0.46 -14.14	125.75 -0.70 -8.38	115.88 -0.78 -4.44	107.32 -0.61 -6.40	95.46 -0.42 -12.16	97.38 -0.43 -11.97	96.31 -0.32 -16.80	103.24 -0.24 -22.05	122.08 -0.19 -24.64	113.51 -0.09 -26.71	99.98 -0.21 -28.53	92.51 0.00 -18.14	90.23 -0.15 -15.50	92.82 -0.32 -13.00	89.76 -0.08 -10.40
BROOME___LFGE 323600	89.26 -0.53 -1.44	84.23 -0.40 -3.36	83.54 -0.40 -2.94	86.23 -0.51 -1.56	88.94 -0.27 -0.07	88.82 -0.57 -7.79	97.39 -0.27 -7.04	106.49 -0.36 -17.01	113.68 -0.31 -10.93	105.17 -0.46 -14.14	125.75 -0.70 -8.38	115.88 -0.78 -4.44	107.32 -0.61 -6.40	95.46 -0.42 -12.16	97.38 -0.43 -11.97	96.31 -0.32 -16.80	103.24 -0.24 -22.05	122.08 -0.19 -24.64	113.51 -0.09 -26.71	99.98 -0.21 -28.53	92.51 0.00 -18.14	90.23 -0.15 -15.50	92.82 -0.32 -13.00	89.76 -0.08 -10.40
BROWNFLS_115KV_TB_3_5 80003	86.44 -2.03 -0.11	79.59 -1.95 -0.27	79.30 -1.94 -0.23	83.34 -1.96 -0.12	87.19 -1.96 -0.01	80.58 -1.63 -0.62	89.19 -2.08 -0.66	89.77 -1.71 -1.64	100.93 -3.19 -1.07	90.03 -2.84 -1.38	115.94 -2.95 -0.82	109.51 -3.14 -0.43	99.61 -2.54 -0.62	82.30 -2.59 -1.19	84.26 -2.75 -1.17	78.99 -2.47 -1.64	80.81 -2.77 -2.15	96.63 -3.42 -2.40	86.02 -3.48 -2.61	72.44 -2.01 -2.78	74.62 -1.56 -1.81	74.71 -1.72 -1.55	79.32 -2.08 -1.27	78.23 -2.22 -1.02
BROWNSV1_27_KV_LOAD 356125	98.91 6.27 -4.28	96.82 5.53 -10.02	94.94 5.18 -8.75	95.28 5.45 -4.66	95.31 5.97 -0.20	109.04 4.24 -23.21	116.30 5.35 -20.34	146.16 6.11 -50.21	143.12 7.73 -32.33	140.55 7.23 -41.83	153.12 10.27 -24.78	135.67 10.32 -13.12	129.80 9.34 -18.93	127.39 7.70 -35.98	129.15 7.90 -35.42	136.49 6.95 -49.71	153.59 6.92 -65.24	178.83 8.30 -72.88	173.29 7.39 -79.02	162.22 6.16 -84.39	135.28 7.21 -53.70	128.09 7.34 -45.88	125.82 8.01 -37.67	117.26 7.71 -30.12
BURROWS___LYONSDAL 23803	89.83 1.33 -0.14	82.75 1.14 -0.34	82.52 1.22 -0.29	86.69 1.36 -0.16	90.66 1.52 -0.01	83.92 1.55 -0.78	93.34 1.99 -0.73	93.79 2.16 -1.80	106.41 2.16 -1.19	94.86 1.83 -1.54	121.47 2.48 -0.91	114.95 2.24 -0.48	104.26 2.03 -0.70	86.63 1.59 -1.33	88.77 1.63 -1.31	83.26 1.60 -1.83	85.30 1.47 -2.41	102.19 1.86 -2.69	91.11 1.30 -2.92	75.85 1.07 -3.11	77.66 1.26 -2.02	77.73 1.12 -1.73	82.60 1.04 -1.42	81.53 0.95 -1.13
CAITHNESS_CC_1 323624	100.76 8.12 -4.28	98.20 6.90 -10.03	96.25 6.48 -8.75	96.48 6.65 -4.66	97.09 7.75 -0.20	109.95 5.14 -23.21	117.53 6.53 -20.39	146.99 6.82 -50.33	145.28 9.89 -32.34	143.12 9.79 -41.83	156.09 13.22 -24.80	157.03 13.01 -31.80	155.10 11.67 -41.91	156.30 9.79 -62.80	156.36 10.12 -60.40	151.76 9.18 -62.76	193.67 9.52 -102.72	224.69 11.61 -115.43	215.95 10.25 -118.81	189.98 8.45 -109.86	176.90 9.89 -92.64	154.45 9.81 -69.76	128.30 10.50 -37.67	119.43 9.85 -30.14
CALPINE BETH_PAGE_GT4 24209	99.79 7.16 -4.28	97.39 6.10 -10.03	95.51 5.75 -8.75	95.71 5.88 -4.66	96.12 6.77 -0.20	108.97 4.16 -23.21	116.49 5.53 -20.34	145.90 5.84 -50.22	143.43 8.04 -32.34	141.47 8.14 -41.84	153.74 10.86 -24.80	154.68 10.66 -31.80	153.08 9.65 -41.91	154.46 7.95 -62.80	154.40 8.15 -60.41	149.94 7.34 -62.77	191.56 7.41 -102.73	222.06 8.98 -115.43	213.70 7.99 -118.82	188.13 6.59 -109.87	174.59 7.59 -92.64	152.43 7.79 -69.77	126.31 8.49 -37.68	117.85 8.26 -30.14
CALPINE_BETH_PAGE_GT_4 323586	99.79 7.15 -4.28	97.40 6.10 -10.03	95.51 5.75 -8.75	95.70 5.87 -4.66	96.11 6.77 -0.20	109.13 4.32 -23.21	116.53 5.53 -20.39	146.00 5.84 -50.33	143.53 8.14 -32.34	141.46 8.14 -41.83	153.73 10.86 -24.80	154.69 10.67 -31.80	153.08 9.65 -41.91	154.46 7.96 -62.80	154.40 8.16 -60.40	149.93 7.34 -62.76	191.63 7.49 -102.72	222.04 8.98 -115.42	213.60 7.91 -118.81	188.11 6.59 -109.86	174.88 7.88 -92.64	152.58 7.93 -69.76	126.62 8.82 -37.67	117.84 8.26 -30.14
CALPINE_BP_GT1 23823	99.79 7.15 -4.28	97.40 6.10 -10.03	95.51 5.75 -8.75	95.70 5.87 -4.66	96.11 6.77 -0.20	109.13 4.32 -23.21	116.53 5.53 -20.39	146.00 5.84 -50.33	143.53 8.14 -32.34	141.46 8.14 -41.83	153.73 10.86 -24.80	154.69 10.67 -31.80	153.08 9.65 -41.91	154.46 7.96 -62.80	154.40 8.16 -60.40	149.93 7.34 -62.76	191.63 7.49 -102.72	222.04 8.98 -115.42	213.60 7.91 -118.81	188.11 6.59 -109.86	174.88 7.88 -92.64	152.58 7.93 -69.76	126.62 8.82 -37.67	117.84 8.26 -30.14
CALSPAN___DRP 24200	81.41 -7.69 -0.74	76.26 -6.75 -1.74	75.96 -6.56 -1.52	79.16 -6.81 -0.81	82.76 -6.42 -0.03	79.17 -6.45 -4.02	86.45 -7.70 -3.54	87.63 -9.16 -6.96	96.66 -11.03 -4.63	87.59 -9.88 -5.98	108.28 -13.34 -3.54	101.08 -13.02 -1.88	92.46 -11.78 -2.71	78.81 -10.05 -5.15	80.60 -10.30 -5.07	77.83 -9.10 -7.11	81.55 -9.20 -9.33	97.12 -10.94 -10.42	88.62 -9.56 -11.29	75.70 -8.03 -12.06	73.63 -8.48 -7.74	72.95 -8.54 -6.61	78.23 -8.65 -6.74	77.29 -7.55 -5.39

CALVERTON___SOLAR 323806	101.30 8.66 -4.28	98.69 7.39 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.54 8.20 -0.20	110.43 5.63 -23.21	118.16 7.16 -20.39	147.62 7.45 -50.33	146.21 10.82 -32.34	143.93 10.61 -41.83	157.15 14.28 -24.80	158.05 14.03 -31.80	156.02 12.59 -41.91	157.05 10.55 -62.80	157.23 10.99 -60.40	152.57 9.98 -62.76	194.65 10.51 -102.72	225.86 12.79 -115.43	216.99 11.29 -118.81	190.70 9.18 -109.86	177.64 10.63 -92.64	155.13 10.48 -69.76	128.87 11.06 -37.67	119.99 10.40 -30.14
CANDIGU_WT_PWR 323617	85.46 -3.89 -0.99	80.34 -3.25 -2.32	79.87 -3.16 -2.02	82.84 -3.41 -1.08	86.16 -3.03 -0.05	84.03 -2.93 -5.37	92.21 -3.26 -4.86	97.09 -3.77 -11.03	105.46 -4.74 -7.14	96.15 -4.57 -9.24	117.05 -6.49 -5.47	108.73 -6.39 -2.90	99.82 -5.89 -4.18	86.89 -4.77 -7.94	88.77 -4.89 -7.82	86.57 -4.23 -10.98	91.68 -4.15 -14.40	108.85 -4.88 -16.09	100.07 -4.26 -17.44	86.64 -3.65 -18.63	82.27 -3.94 -11.85	80.73 -4.27 -10.12	84.36 -4.81 -9.03	82.44 -4.21 -7.22
CARR STREET_E__SYR 24060	86.90 -1.86 -0.41	80.60 -1.62 -0.95	80.22 -1.62 -0.83	83.82 -1.79 -0.44	87.20 -1.96 -0.02	82.08 -1.72 -2.21	91.33 -1.36 -2.07	93.60 -1.35 -5.11	104.75 -1.65 -3.35	94.18 -1.64 -4.33	118.39 -2.25 -2.57	111.45 -2.14 -1.36	101.56 -1.93 -1.96	86.01 -1.42 -3.73	88.04 -1.46 -3.67	83.62 -1.36 -5.15	86.88 -1.31 -6.76	103.73 -1.46 -7.55	93.85 -1.22 -8.18	79.25 -1.15 -8.74	78.86 -1.04 -5.54	78.49 -1.12 -4.73	82.73 -1.29 -3.88	81.35 -1.19 -3.10
CARTHAGE___PAPER 23857	88.12 -0.44 -0.20	81.26 -0.48 -0.47	81.02 -0.40 -0.41	85.05 -0.34 -0.22	88.80 -0.36 -0.01	82.84 0.08 -1.16	92.18 0.55 -1.02	93.26 0.90 -2.52	105.12 0.41 -1.66	93.91 0.28 -2.14	119.70 0.36 -1.27	113.12 0.22 -0.67	102.60 0.10 -0.97	85.55 0.00 -1.84	87.65 0.00 -1.81	82.53 0.16 -2.55	85.01 0.25 -3.34	101.97 0.59 -3.73	91.02 0.09 -4.05	76.13 0.14 -4.32	77.26 0.30 -2.59	77.17 0.07 -2.21	81.71 -0.24 -1.82	80.50 -0.40 -1.45
CASSADAGA_WT_PWR 323784	83.66 -5.48 -0.78	78.38 -4.72 -1.82	77.99 -4.61 -1.59	81.07 -4.94 -0.85	84.99 -4.19 -0.04	81.67 -4.16 -4.23	89.55 -4.89 -3.83	91.39 -6.20 -7.75	100.42 -7.62 -4.99	90.90 -7.04 -6.45	112.22 -9.68 -3.83	104.71 -9.54 -2.03	95.52 -8.94 -2.92	81.39 -7.87 -5.55	83.06 -8.24 -5.47	80.31 -7.18 -7.67	84.08 -7.41 -10.06	100.39 -8.50 -11.24	91.60 -7.47 -12.19	78.45 -6.24 -13.02	75.87 -6.77 -8.27	74.91 -7.04 -7.07	79.43 -7.77 -7.06	78.49 -6.59 -5.65
CE_DUNWOOD___DRP 24194	98.10 5.48 -4.27	96.07 4.80 -10.00	94.28 4.54 -8.73	94.59 4.77 -4.65	94.60 5.26 -0.20	108.34 3.59 -23.16	115.45 4.53 -20.30	145.16 5.21 -50.11	141.92 6.60 -32.27	139.37 6.13 -41.75	151.42 8.62 -24.73	133.85 8.53 -13.10	128.13 7.72 -18.89	125.98 6.36 -35.91	127.71 6.52 -35.35	135.19 5.75 -49.62	152.32 5.78 -65.12	177.32 6.93 -72.74	171.92 6.17 -78.86	161.05 5.16 -84.23	134.14 6.17 -53.60	126.96 6.29 -45.79	124.46 6.73 -37.59	115.86 6.36 -30.06
CE_MILLWOOD___DRP 24193	97.91 5.30 -4.25	95.87 4.63 -9.97	94.08 4.37 -8.70	94.49 4.68 -4.63	94.42 5.08 -0.20	108.18 3.51 -23.08	115.28 4.44 -20.22	144.79 5.03 -49.93	141.59 6.39 -32.15	139.03 5.95 -41.59	150.98 8.27 -24.63	133.58 8.30 -13.05	127.76 7.41 -18.82	125.59 6.11 -35.77	127.32 6.27 -35.22	134.77 5.51 -49.43	151.92 5.62 -64.87	176.85 6.74 -72.47	171.36 5.91 -78.57	160.52 4.94 -83.91	133.71 5.95 -53.40	126.56 6.07 -45.62	124.08 6.49 -37.45	115.58 6.20 -29.95
CE_NYC2_DRP 24202	98.64 6.01 -4.28	96.50 5.20 -10.02	94.70 4.94 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.64 3.83 -23.21	115.67 4.71 -20.34	145.71 5.66 -50.22	142.40 7.01 -32.34	140.00 6.68 -41.83	156.54 9.92 -28.54	135.23 9.88 -13.13	129.40 8.93 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.18 6.63 -49.72	153.28 6.60 -65.26	178.45 7.91 -72.90	172.95 7.04 -79.03	161.95 5.88 -84.41	151.55 6.92 -70.27	127.88 7.11 -45.89	125.51 7.69 -37.68	116.96 7.39 -30.13
CE_NYC_DRP 24195	98.29 5.65 -4.28	96.25 4.96 -10.02	94.38 4.62 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	114.96 4.62 -19.72	145.53 5.48 -50.21	142.39 7.01 -32.33	139.90 6.59 -41.83	152.18 9.33 -24.78	134.89 9.54 -13.12	128.98 8.53 -18.93	126.80 7.12 -35.98	128.55 7.30 -35.42	135.85 6.31 -49.71	148.59 6.27 -60.89	177.44 7.42 -72.38	171.99 6.60 -78.50	161.16 5.52 -83.98	134.18 6.54 -53.27	127.42 6.66 -45.88	125.18 7.37 -37.67	116.63 7.07 -30.12
CHAFFEE___LFGE 323603	81.35 -7.78 -0.77	76.25 -6.83 -1.81	75.95 -6.64 -1.58	78.85 -7.15 -0.84	82.49 -6.69 -0.04	79.26 -6.53 -4.19	86.70 -7.70 -3.79	88.33 -9.16 -7.65	97.06 -10.93 -4.93	87.98 -9.88 -6.37	108.63 -13.22 -3.78	101.32 -12.90 -2.00	92.64 -11.78 -2.89	79.23 -9.96 -5.48	81.02 -10.22 -5.40	78.38 -9.02 -7.57	82.16 -9.20 -9.94	98.00 -10.74 -11.10	89.36 -9.56 -12.03	76.63 -7.88 -12.85	74.21 -8.33 -8.17	73.32 -8.54 -6.98	78.08 -9.06 -7.00	77.41 -7.63 -5.59
CHATEAUG_35_KV_LOAD 355732	88.36 0.00 0.00	81.19 -0.08 0.00	80.93 -0.08 0.00	85.00 -0.17 0.00	89.23 0.09 0.00	81.51 -0.08 0.00	89.08 -1.54 0.00	88.76 -1.08 0.00	99.14 -3.92 0.00	88.38 -3.11 0.00	115.95 -2.13 0.00	109.42 -2.81 0.00	99.40 -2.13 0.00	80.95 -2.76 0.00	82.66 -3.18 0.00	77.11 -2.71 0.00	78.09 -3.34 0.00	93.05 -4.59 0.00	82.46 -4.43 0.00	69.94 -1.72 0.00	74.47 -0.82 -0.92	74.62 -1.05 -0.79	79.42 -1.36 -0.65	78.69 -1.27 -0.52
CHATEAUG_WT_PWR 323614	88.36 0.00 0.00	81.19 -0.08 0.00	80.93 -0.08 0.00	85.17 0.00 0.00	89.23 0.09 0.00	81.51 -0.08 0.00	89.16 -1.45 0.00	88.67 -1.17 0.00	98.93 -4.13 0.00	88.75 -2.74 0.00	115.83 -2.25 0.00	109.20 -3.02 0.00	99.09 -2.44 0.00	80.78 -2.93 0.00	82.49 -3.35 0.00	76.96 -2.87 0.00	77.93 -3.50 0.00	92.86 -4.78 0.00	69.73 -4.52 0.00	73.25 -1.93 0.00	73.76 -1.11 0.00	78.61 -1.12 0.00	78.17 -1.53 0.00	
CHAT_HIGH_FALL_HYD 323578	88.36 0.00 0.00	81.19 -0.08 0.00	80.93 -0.08 0.00	85.00 -0.17 0.00	89.23 0.09 0.00	81.51 -0.08 0.00	89.08 -1.54 0.00	88.76 -1.08 0.00	99.14 -3.92 0.00	88.38 -3.11 0.00	115.95 -2.13 0.00	109.42 -2.81 0.00	99.40 -2.13 0.00	80.95 -2.76 0.00	82.66 -3.18 0.00	77.11 -2.71 0.00	78.09 -3.34 0.00	93.05 -4.59 0.00	82.46 -4.43 0.00	69.94 -1.72 0.00	74.47 -0.82 -0.92	74.62 -1.05 -0.79	79.42 -1.36 -0.65	78.69 -1.27 -0.52
CHAUTAUQUA___LFGE 323629	82.93 -6.19 -0.76	77.68 -5.37 -1.77	77.29 -5.26 -1.55	80.37 -5.62 -0.82	83.83 -5.35 -0.04	80.73 -4.98 -4.12	88.35 -5.98 -3.72	89.82 -7.46 -7.43	98.67 -9.17 -4.79	89.36 -8.32 -6.19	110.41 -11.34 -3.67	102.95 -11.22 -1.95	93.98 -10.36 -2.81	80.08 -8.96 -5.33	81.90 -9.18 -5.24	79.13 -8.06 -7.36	82.86 -8.22 -9.66	98.86 -9.57 -10.79	90.15 -8.43 -11.69	77.20 -6.95 -12.49	74.80 -7.51 -7.94	73.95 -7.71 -6.78	78.75 -8.25 -6.87	78.10 -6.83 -5.49
CHERRYST_13_KV_LD 356241	98.55 5.92 -4.28	96.42 5.12 -10.02	94.62 4.86 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.72 3.92 -23.21	115.23 4.89 -19.72	145.80 5.75 -50.21	142.70 7.32 -32.33	140.18 6.86 -41.83	152.65 9.80 -24.78	135.22 9.88 -13.12	129.39 8.93 -18.93	127.05 7.37 -35.98	128.81 7.55 -35.42	136.17 6.63 -49.71	148.91 6.60 -60.89	177.83 7.81 -72.38	172.25 6.86 -78.50	161.38 5.73 -83.98	134.40 6.77 -53.27	127.72 6.96 -45.88	125.34 7.53 -37.67	116.79 7.23 -30.12

CHESTROR_138KV_BK263 355645	96.74 4.42 -3.97	94.48 3.90 -9.30	92.86 3.73 -8.12	93.41 3.92 -4.32	93.61 4.28 -0.19	106.07 2.94 -21.54	113.12 3.62 -18.88	140.57 4.13 -46.60	138.33 5.26 -30.02	135.17 4.85 -38.83	147.69 6.61 -23.00	131.03 6.62 -12.18	124.99 5.89 -17.57	122.05 4.94 -33.40	123.78 5.06 -32.88	130.45 4.47 -46.15	146.56 4.56 -60.57	170.87 5.57 -67.66	165.20 4.95 -73.36	154.10 4.08 -78.35	129.13 4.91 -49.85	122.49 5.02 -42.59	120.48 5.37 -34.97	112.49 5.08 -27.97
CH_MIDHUDSON___DRP 24192	98.62 5.92 -4.34	96.74 5.28 -10.18	94.92 5.02 -8.89	95.27 5.37 -4.73	95.14 5.79 -0.20	109.32 4.16 -23.57	116.35 5.07 -20.66	146.31 5.48 -51.00	142.69 6.80 -32.83	140.19 6.22 -42.47	151.74 8.50 -25.16	133.97 8.42 -13.33	128.16 7.41 -19.22	126.44 6.19 -36.54	128.15 6.35 -35.97	135.98 5.67 -50.48	153.46 5.78 -66.25	178.68 7.03 -74.01	173.38 6.26 -80.24	162.52 5.16 -85.70	135.07 6.17 -54.53	127.68 6.22 -46.59	125.04 6.65 -38.25	116.38 6.36 -30.58
CH_MISC_IPPS 23765	99.07 6.45 -4.26	96.95 5.69 -9.99	95.16 5.43 -8.72	95.61 5.79 -4.65	95.58 6.24 -0.20	109.46 4.73 -23.14	116.74 5.80 -20.32	146.12 6.11 -50.17	142.91 7.63 -32.23	140.05 6.87 -41.69	152.10 9.33 -24.70	134.51 9.20 -13.08	128.52 8.13 -18.87	126.35 6.78 -35.86	128.09 6.95 -35.31	135.53 6.15 -49.55	152.89 6.43 -65.04	178.20 7.91 -72.65	172.69 7.03 -78.76	161.59 5.80 -84.12	134.82 6.92 -53.53	127.50 6.88 -45.73	125.22 7.53 -37.55	116.37 6.91 -30.02
CH_RES_BVR_FALLS 23983	88.09 -0.26 0.00	80.95 -0.32 0.00	80.77 -0.24 0.00	84.91 -0.25 0.00	88.88 -0.27 0.00	81.11 -0.49 0.00	89.62 -0.99 0.00	88.94 -0.90 0.00	100.99 -2.06 0.00	90.02 -1.47 0.00	116.54 -1.54 0.00	110.54 -1.68 0.00	100.21 -1.32 0.00	82.20 -1.50 0.00	84.12 -1.72 0.00	78.31 -1.52 0.00	79.56 -1.87 0.00	95.10 -2.54 0.00	84.36 -2.52 0.00	70.38 -1.29 0.00	73.70 -0.67 0.00	74.21 -0.68 0.00	79.34 -0.80 0.00	78.65 -0.79 0.00
CH_RES_NIAGARA 23895	79.59 -9.45 -0.68	74.51 -8.37 -1.60	74.23 -8.18 -1.40	77.40 -8.52 -0.75	79.46 -9.72 -0.03	76.98 -8.32 -3.71	83.74 -10.15 -3.27	83.88 -12.04 -6.08	92.58 -14.53 -4.05	83.82 -12.90 -5.23	103.35 -17.83 -3.10	96.59 -17.28 -1.65	88.16 -15.74 -2.37	74.99 -13.23 -4.50	76.79 -13.48 -4.43	74.15 -11.89 -6.22	77.54 -12.05 -8.16	92.21 -14.55 -9.12	84.08 -12.69 -9.88	71.68 -10.53 -10.55	70.21 -10.93 -6.78	69.81 -10.86 -5.79	75.87 -10.50 -6.23	75.21 -9.22 -4.98
CH_RES_SYRACUSE 23985	87.84 -0.97 -0.45	81.44 -0.89 -1.06	81.05 -0.89 -0.93	84.65 -1.02 -0.49	88.00 -1.16 -0.02	83.16 -0.90 -2.47	93.33 0.46 -2.25	95.95 0.54 -5.57	106.58 -0.31 -3.84	96.00 -0.46 -4.96	120.20 -0.82 -2.94	113.00 -0.78 -1.56	103.07 -0.71 -2.25	87.56 -0.42 -4.27	89.70 -0.34 -4.20	85.41 -0.32 -5.90	88.93 -0.24 -7.74	106.20 -0.10 -8.65	96.27 0.00 -9.38	81.54 -0.14 -10.02	80.65 -0.07 -6.36	80.16 -0.15 -5.43	84.35 -0.24 -4.45	82.84 -0.16 -3.56
CLINTON_WT_PWR 323605	88.36 0.00 0.00	81.19 -0.08 0.00	80.93 -0.08 0.00	85.17 0.00 0.00	89.23 0.09 0.00	81.51 -0.08 0.00	89.16 -1.45 0.00	88.67 -1.17 0.00	98.93 -4.13 0.00	88.75 -2.74 0.00	115.83 -2.25 0.00	109.20 -3.02 0.00	99.09 -2.44 0.00	80.78 -2.93 0.00	82.49 -3.35 0.00	76.96 -2.87 0.00	77.93 -3.50 0.00	92.86 -4.78 0.00	82.36 -4.52 0.00	69.73 -1.93 0.00	73.25 -1.11 0.00	73.76 -1.12 0.00	78.61 -1.53 0.00	78.17 -1.27 0.00
CLINTON___LFGE 323618	89.86 1.50 0.00	82.41 1.14 0.00	82.23 1.22 0.00	86.45 1.28 0.00	90.75 1.61 0.00	82.89 1.30 0.00	90.52 -0.09 0.00	90.11 0.27 0.00	100.17 -2.88 0.00	90.12 -1.37 0.00	117.49 -0.59 0.00	110.88 -1.34 0.00	100.71 -0.82 0.00	82.04 -1.67 0.00	83.77 -2.06 0.00	78.15 -1.68 0.00	79.23 -2.19 0.00	94.42 -3.22 0.00	83.67 -3.21 0.00	71.17 -0.50 0.00	74.37 0.00 0.00	74.81 -0.07 0.00	79.74 -0.40 0.00	79.44 0.00 0.00
COBBLENY_34_KV_TB1 80064	81.44 -7.69 -0.77	76.25 -6.83 -1.81	75.94 -6.64 -1.58	79.11 -6.90 -0.84	83.03 -6.15 -0.04	79.33 -6.45 -4.18	86.68 -7.61 -3.68	88.22 -8.98 -7.37	97.23 -10.72 -4.89	88.12 -9.70 -6.33	108.72 -13.11 -3.75	101.53 -12.68 -1.99	92.92 -11.47 -2.87	79.36 -9.79 -5.44	81.15 -10.04 -5.36	78.49 -8.86 -7.52	82.25 -9.04 -9.87	98.02 -10.64 -11.02	89.54 -9.30 -11.95	76.61 -7.81 -12.76	74.29 -8.25 -8.18	73.48 -8.39 -6.99	78.49 -8.65 -7.00	77.49 -7.55 -5.60
COFFEEN___115KV_TB3 355620	89.12 0.53 -0.23	82.14 0.33 -0.54	81.89 0.41 -0.47	85.93 0.51 -0.25	89.69 0.53 -0.01	83.83 0.98 -1.26	93.49 1.72 -1.15	94.83 2.16 -2.84	106.83 1.96 -1.81	95.30 1.46 -2.35	121.24 1.77 -1.39	114.53 1.57 -0.74	103.91 1.32 -1.06	86.82 1.09 -2.02	89.11 1.29 -1.99	84.06 1.44 -2.79	87.04 1.95 -3.66	104.57 2.83 -4.09	93.41 2.09 -4.43	77.98 1.58 -4.74	79.17 1.71 -3.09	78.94 1.42 -2.64	83.50 1.20 -2.16	82.20 1.03 -1.73
COLDSPRG_115KV_BK1 355956	83.25 -5.92 -0.81	78.05 -5.12 -1.90	77.65 -5.02 -1.66	80.94 -5.11 -0.88	86.15 -3.03 -0.04	81.43 -4.57 -4.40	89.41 -5.07 -3.87	91.68 -6.11 -7.95	101.22 -7.11 -5.28	91.81 -6.50 -6.82	113.50 -8.62 -4.04	105.84 -8.53 -2.14	96.90 -7.72 -3.09	82.71 -6.86 -5.87	84.40 -7.21 -5.78	81.55 -6.39 -8.10	85.63 -6.43 -10.64	102.20 -7.32 -11.88	93.16 -6.60 -12.88	79.76 -5.66 -13.76	77.01 -6.17 -8.82	76.05 -6.36 -7.53	80.30 -7.21 -7.37	79.06 -6.28 -5.90
COLONIE_LFGE___ 323577	98.79 4.77 -5.66	98.85 4.30 -13.27	96.97 4.37 -11.59	95.94 4.60 -6.17	94.31 4.90 -0.26	116.00 3.67 -30.73	121.77 4.17 -26.98	160.48 3.95 -66.69	150.48 4.53 -42.90	150.91 3.93 -55.49	155.90 4.96 -32.87	134.13 4.49 -17.41	130.80 4.16 -25.11	134.79 3.35 -47.73	136.26 3.44 -46.99	149.05 3.27 -65.95	171.40 3.42 -86.56	198.53 4.20 -96.69	195.45 3.73 -104.83	186.64 3.01 -111.96	149.63 4.01 -71.25	139.71 3.97 -60.87	134.22 4.16 -49.92	123.48 4.13 -39.92
COOPERNY_115KV_TB1 80082	94.80 3.18 -3.26	91.76 2.84 -7.64	90.35 2.67 -6.67	91.62 2.90 -3.55	92.41 3.12 -0.15	101.32 2.04 -17.68	108.74 2.63 -15.50	131.04 2.96 -38.24	131.52 3.81 -24.65	126.86 3.48 -31.89	141.81 4.84 -18.89	127.05 4.83 -10.01	120.22 4.26 -14.43	114.74 3.60 -27.43	116.53 3.69 -27.00	121.00 3.27 -37.90	134.51 3.34 -49.74	157.21 4.00 -55.56	150.69 3.56 -60.24	138.94 2.94 -64.34	118.95 3.64 -40.94	113.52 3.67 -34.97	112.80 3.93 -28.73	106.15 3.73 -22.97
COPENHAGEN_WT_PWR 323753	88.42 -0.18 -0.24	81.51 -0.32 -0.56	81.26 -0.24 -0.49	85.26 -0.17 -0.26	88.98 -0.18 -0.01	83.11 0.16 -1.35	92.51 0.72 -1.18	93.83 1.08 -2.91	105.78 0.82 -1.91	94.51 0.55 -2.47	120.25 0.71 -1.46	113.56 0.56 -0.78	103.16 0.51 -1.12	86.17 0.34 -2.13	88.36 0.43 -2.09	83.33 0.56 -2.94	86.18 0.90 -3.85	103.42 1.47 -4.31	92.51 0.96 -4.67	77.29 0.64 -4.99	78.23 0.82 -3.05	78.08 0.60 -2.60	82.59 0.32 -2.14	81.39 0.24 -1.71
CORNELL_____ 23752	90.57 1.24 -0.98	84.70 1.14 -2.29	84.14 1.13 -2.00	87.43 1.19 -1.06	90.52 1.34 -0.05	88.20 1.31 -5.30	97.71 2.45 -4.65	103.71 2.52 -11.35	113.30 2.58 -7.67	103.42 2.01 -9.91	126.07 2.13 -5.87	117.24 1.91 -3.11	107.64 1.62 -4.49	93.83 1.59 -8.53	95.95 1.72 -8.39	93.37 1.76 -11.78	99.01 2.12 -15.46	117.75 2.83 -17.27	108.22 2.61 -18.73	93.60 1.93 -20.00	89.19 2.01 -12.81	87.70 1.87 -10.94	90.98 1.76 -9.08	88.53 1.83 -7.26

CORONA_69_KV_TB1 355595	99.61 6.98 -4.28	97.31 6.01 -10.03	95.43 5.67 -8.75	95.62 5.79 -4.66	95.94 6.60 -0.20	108.88 4.08 -23.21	116.40 5.44 -20.34	146.17 6.11 -50.22	143.64 8.24 -32.34	141.56 8.23 -41.84	153.86 10.98 -24.80	154.80 10.77 -31.80	153.18 9.75 -41.91	154.63 8.12 -62.80	154.57 8.33 -60.41	150.02 7.42 -62.77	191.64 7.49 -102.73	221.95 8.89 -115.42	213.61 7.91 -118.82	188.13 6.59 -109.87	174.74 7.73 -92.64	152.51 7.86 -69.77	126.39 8.57 -37.68	118.00 8.42 -30.14
CORTLAND_115KV_TB3 80093	89.60 0.44 -0.80	83.55 0.41 -1.87	83.05 0.41 -1.64	86.47 0.43 -0.87	89.71 0.53 -0.04	86.34 0.41 -4.34	95.60 1.18 -3.81	100.32 1.17 -9.31	110.72 1.34 -6.32	100.58 0.91 -8.18	123.86 0.94 -4.84	115.57 0.79 -2.57	105.94 0.71 -3.70	91.50 0.75 -7.03	93.62 0.86 -6.92	90.42 0.88 -9.72	95.24 1.06 -12.75	113.36 1.46 -14.25	103.64 1.30 -15.45	89.09 0.93 -16.50	86.04 1.12 -10.55	84.87 0.97 -9.02	88.49 0.88 -7.47	86.37 0.95 -5.98
COXSACKIE___GT 23611	101.12 7.51 -5.26	100.35 6.74 -12.33	98.66 6.88 -10.77	98.14 7.24 -5.73	97.06 7.67 -0.25	116.92 6.77 -28.56	122.44 6.80 -25.03	157.58 5.93 -61.81	149.41 6.69 -39.66	148.10 5.30 -51.31	154.60 6.14 -30.39	133.82 5.50 -16.10	129.21 4.46 -23.22	131.61 3.77 -44.13	133.32 4.04 -43.45	144.88 4.07 -60.98	166.43 4.97 -80.03	193.69 6.64 -89.40	189.98 6.17 -96.93	179.84 4.66 -103.52	145.45 5.20 -65.88	136.25 5.09 -56.28	131.85 5.53 -46.19	122.10 5.72 -36.93
CPV_VALLEY___CC1 323721	95.69 3.62 -3.71	93.14 3.17 -8.70	91.60 3.00 -7.59	92.37 3.15 -4.04	92.79 3.47 -0.17	103.94 2.20 -20.14	111.21 2.90 -17.70	136.84 3.33 -43.67	135.44 4.33 -28.06	131.72 3.93 -36.30	145.13 5.55 -21.50	129.22 5.61 -11.39	122.93 4.97 -16.43	119.12 4.18 -31.22	120.86 4.29 -30.74	126.72 3.75 -43.14	141.87 3.83 -56.62	165.48 4.59 -63.25	159.54 4.08 -68.57	148.27 3.37 -73.24	125.36 4.39 -46.60	119.04 4.34 -39.81	117.64 4.81 -32.70	109.95 4.37 -26.15
CPV_VALLEY___CC2 323722	95.69 3.62 -3.71	93.14 3.17 -8.70	91.60 3.00 -7.59	92.37 3.15 -4.04	92.79 3.47 -0.17	103.94 2.20 -20.14	111.21 2.90 -17.70	136.84 3.33 -43.67	135.44 4.33 -28.06	131.72 3.93 -36.30	145.13 5.55 -21.50	129.22 5.61 -11.39	122.93 4.97 -16.43	119.12 4.18 -31.22	120.86 4.29 -30.74	126.72 3.75 -43.14	141.87 3.83 -56.62	165.48 4.59 -63.25	159.54 4.08 -68.57	148.27 3.37 -73.24	125.36 4.39 -46.60	119.04 4.34 -39.81	117.64 4.81 -32.70	109.95 4.37 -26.15
CRESCENT___HYD 24018	98.79 4.77 -5.66	98.85 4.30 -13.27	96.97 4.37 -11.59	95.94 4.60 -6.17	94.31 4.90 -0.26	116.00 3.67 -30.73	121.77 4.17 -26.98	160.48 3.95 -66.69	150.48 4.53 -42.90	150.91 3.93 -55.49	155.90 4.96 -32.87	134.13 4.49 -17.41	130.80 4.16 -25.11	134.79 3.35 -47.73	136.26 3.44 -46.99	149.05 3.27 -65.95	171.40 3.42 -86.56	198.53 4.20 -96.69	195.45 3.73 -104.83	186.64 3.01 -111.96	149.63 4.01 -71.25	139.71 3.97 -60.87	134.22 4.16 -49.92	123.48 4.13 -39.92
CRICKET___VALLEY_CC1 323756	98.11 5.21 -4.54	96.62 4.71 -10.63	94.83 4.53 -9.28	94.88 4.77 -4.94	94.52 5.17 -0.21	109.56 3.35 -24.62	116.22 3.98 -21.62	147.44 4.22 -53.38	142.60 5.25 -34.30	140.61 4.75 -44.37	150.85 6.49 -26.28	132.42 6.28 -13.92	127.39 5.78 -20.08	126.64 4.77 -38.16	128.30 4.89 -37.57	136.95 4.39 -52.73	155.11 4.48 -69.20	180.32 5.37 -77.31	175.30 4.60 -83.81	165.05 3.87 -89.51	136.53 5.20 -56.96	128.71 5.16 -48.66	125.78 5.69 -39.95	116.63 5.24 -31.94
CRICKET___VALLEY_CC2 323757	98.11 5.21 -4.54	96.62 4.71 -10.63	94.83 4.53 -9.28	94.88 4.77 -4.94	94.52 5.17 -0.21	109.56 3.35 -24.62	116.22 3.98 -21.62	147.44 4.22 -53.38	142.60 5.25 -34.30	140.61 4.75 -44.37	150.85 6.49 -26.28	132.42 6.28 -13.92	127.39 5.78 -20.08	126.64 4.77 -38.16	128.30 4.89 -37.57	136.95 4.39 -52.73	155.11 4.48 -69.20	180.32 5.37 -77.31	175.30 4.60 -83.81	165.05 3.87 -89.51	136.53 5.20 -56.96	128.71 5.16 -48.66	125.78 5.69 -39.95	116.63 5.24 -31.94
CRICKET___VALLEY_CC3 323758	98.11 5.21 -4.54	96.62 4.71 -10.63	94.83 4.53 -9.28	94.88 4.77 -4.94	94.52 5.17 -0.21	109.56 3.35 -24.62	116.22 3.98 -21.62	147.44 4.22 -53.38	142.60 5.25 -34.30	140.61 4.75 -44.37	150.85 6.49 -26.28	132.42 6.28 -13.92	127.39 5.78 -20.08	126.64 4.77 -38.16	128.30 4.89 -37.57	136.95 4.39 -52.73	155.11 4.48 -69.20	180.32 5.37 -77.31	175.30 4.60 -83.81	165.05 3.87 -89.51	136.53 5.20 -56.96	128.71 5.16 -48.66	125.78 5.69 -39.95	116.63 5.24 -31.94
CRUCIBLE_METL_DRP 24180	87.84 -0.97 -0.45	81.44 -0.89 -1.06	81.05 -0.89 -0.93	84.73 -0.94 -0.49	88.00 -1.16 -0.02	83.15 -0.90 -2.46	93.32 0.54 -2.16	95.72 0.54 -5.34	106.32 -0.31 -3.58	95.66 -0.46 -4.63	119.99 -0.83 -2.74	112.89 -0.79 -1.45	102.91 -0.71 -2.09	87.27 -0.42 -3.98	89.41 -0.34 -3.92	85.01 -0.32 -5.50	88.40 -0.24 -7.22	105.61 -0.10 -8.07	95.54 -0.09 -8.74	80.86 -0.14 -9.34	80.67 -0.07 -6.38	80.18 -0.15 -5.45	84.36 -0.24 -4.47	82.85 -0.16 -3.57
DAHOWA___HYDRO 323763	100.55 6.45 -5.74	100.51 5.77 -13.46	98.60 5.84 -11.75	97.48 6.05 -6.26	96.01 6.60 -0.27	118.15 5.38 -31.17	124.41 6.43 -27.36	163.84 6.38 -67.62	153.90 7.32 -43.53	154.11 6.31 -56.31	159.34 7.91 -33.35	137.08 7.19 -17.67	133.41 6.40 -25.48	137.34 5.19 -48.44	138.93 5.41 -47.68	152.10 5.35 -66.92	174.96 5.70 -87.83	202.79 7.03 -98.12	199.52 6.26 -106.37	190.36 5.09 -113.61	152.62 5.95 -72.30	142.49 5.84 -61.76	136.72 5.93 -50.66	125.74 5.80 -40.50
DANC___LFGE 323619	87.58 -1.06 -0.28	80.88 -1.06 -0.66	80.62 -0.97 -0.58	84.46 -1.02 -0.31	88.09 -1.07 -0.01	82.34 -0.82 -1.57	91.43 -0.54 -1.36	92.92 -0.27 -3.35	104.54 -0.72 -2.20	93.71 -0.64 -2.85	118.82 -0.95 -1.69	112.22 -0.90 -0.89	102.00 -0.82 -1.29	85.49 -0.67 -2.45	87.65 -0.60 -2.41	82.74 -0.48 -3.39	85.55 -0.32 -4.45	102.52 -0.10 -4.97	92.01 -0.26 -5.39	77.06 -0.36 -5.75	77.72 -0.22 -3.57	77.56 -0.37 -3.05	82.08 -0.56 -2.50	80.80 -0.64 -2.00
DANSKAMMER___1 23586	99.07 6.45 -4.26	96.95 5.69 -9.99	95.16 5.43 -8.72	95.61 5.79 -4.65	95.58 6.24 -0.20	109.46 4.73 -23.14	116.74 5.80 -20.32	146.12 6.11 -50.17	142.91 7.63 -32.23	140.05 6.87 -41.69	152.10 9.33 -24.70	134.51 9.20 -13.08	128.52 8.13 -18.87	126.35 6.78 -35.86	128.09 6.95 -35.31	135.53 6.15 -49.55	152.89 6.43 -65.04	178.20 7.91 -72.65	172.69 7.03 -78.76	161.59 5.80 -84.12	134.82 6.92 -53.53	127.50 6.88 -45.73	125.22 7.53 -37.55	116.37 6.91 -30.02
DANSKAMMER___2 23589	99.07 6.45 -4.26	96.95 5.69 -9.99	95.16 5.43 -8.72	95.61 5.79 -4.65	95.58 6.24 -0.20	109.46 4.73 -23.14	116.74 5.80 -20.32	146.12 6.11 -50.17	142.91 7.63 -32.23	140.05 6.87 -41.69	152.10 9.33 -24.70	134.51 9.20 -13.08	128.52 8.13 -18.87	126.35 6.78 -35.86	128.09 6.95 -35.31	135.53 6.15 -49.55	152.89 6.43 -65.04	178.20 7.91 -72.65	172.69 7.03 -78.76	161.59 5.80 -84.12	134.82 6.92 -53.53	127.50 6.88 -45.73	125.22 7.53 -37.55	116.37 6.91 -30.02
DANSKAMMER___3 23590	99.07 6.45 -4.26	96.95 5.69 -9.99	95.16 5.43 -8.72	95.61 5.79 -4.65	95.58 6.24 -0.20	109.46 4.73 -23.14	116.74 5.80 -20.32	146.12 6.11 -50.17	142.91 7.63 -32.23	140.05 6.87 -41.69	152.10 9.33 -24.70	134.51 9.20 -13.08	128.52 8.13 -18.87	126.35 6.78 -35.86	128.09 6.95 -35.31	135.53 6.15 -49.55	152.89 6.43 -65.04	178.20 7.91 -72.65	172.69 7.03 -78.76	161.59 5.80 -84.12	134.82 6.92 -53.53	127.50 6.88 -45.73	125.22 7.53 -37.55	116.37 6.91 -30.02

DANSKAMMER___4 23591	99.07 6.45 -4.26	96.95 5.69 -9.99	95.16 5.43 -8.72	95.61 5.79 -4.65	95.58 6.24 -0.20	109.46 4.73 -23.14	116.74 5.80 -20.32	146.12 6.11 -50.17	142.91 7.63 -32.23	140.05 6.87 -41.69	152.10 9.33 -24.70	134.51 9.20 -13.08	128.52 8.13 -18.87	126.35 6.78 -35.86	128.09 6.95 -35.31	135.53 6.15 -49.55	152.89 6.43 -65.04	178.20 7.91 -72.65	172.69 7.03 -78.76	161.59 5.80 -84.12	134.82 6.92 -53.53	127.50 6.88 -45.73	125.22 7.53 -37.55	116.37 6.91 -30.02
DANSKAMMER___DIESEL 23592	99.07 6.45 -4.26	96.96 5.69 -9.99	95.16 5.43 -8.72	95.61 5.79 -4.65	95.67 6.33 -0.20	109.46 4.73 -23.14	116.69 5.80 -20.28	146.01 6.11 -50.06	142.91 7.63 -32.23	140.05 6.86 -41.70	152.10 9.33 -24.70	134.51 9.20 -13.08	128.52 8.12 -18.87	126.36 6.78 -35.87	128.10 6.95 -35.31	135.53 6.15 -49.56	152.82 6.35 -65.04	178.21 7.91 -72.66	172.70 7.04 -78.77	161.60 5.80 -84.13	134.60 6.69 -53.54	127.36 6.74 -45.74	124.90 7.21 -37.55	116.30 6.83 -30.03
DARBY___SOLAR 323810	100.10 6.01 -5.73	100.15 5.45 -13.43	98.25 5.51 -11.73	97.12 5.71 -6.25	95.56 6.15 -0.27	117.76 5.06 -31.11	123.81 5.89 -27.31	163.16 5.84 -67.49	153.18 6.69 -43.44	153.45 5.77 -56.19	158.56 7.20 -33.28	136.36 6.51 -17.63	132.74 5.78 -25.43	136.81 4.77 -48.33	138.31 4.89 -47.58	151.48 4.87 -66.78	174.29 5.22 -87.65	202.00 6.44 -97.91	198.77 5.73 -106.15	189.69 4.66 -113.37	152.02 5.50 -72.15	141.98 5.46 -61.63	136.21 5.53 -50.55	125.26 5.40 -40.42
DASHVILLE___HYD 23610	100.63 7.86 -4.41	98.51 6.91 -10.33	96.67 6.64 -9.02	97.04 7.07 -4.80	97.01 7.67 -0.21	111.72 6.20 -23.93	119.11 7.52 -20.97	148.44 6.83 -51.77	144.81 8.45 -33.30	142.17 7.59 -43.08	153.75 10.15 -25.52	135.84 10.10 -13.52	129.75 8.73 -19.49	128.05 7.28 -37.06	129.87 7.55 -36.48	137.74 6.71 -51.20	155.79 7.17 -67.20	181.69 8.98 -75.07	176.35 8.08 -81.38	165.11 6.52 -86.92	137.11 7.44 -55.31	129.62 7.49 -47.25	126.86 7.93 -38.79	117.85 7.39 -31.02
DEERFIELD_69_KV_DEERFIELD LD 355887	101.73 9.10 -4.28	99.10 7.80 -10.03	97.13 7.37 -8.75	97.32 7.49 -4.66	97.99 8.65 -0.20	110.68 5.87 -23.21	118.84 7.88 -20.34	148.42 8.35 -50.22	147.25 11.85 -32.34	145.13 11.80 -41.84	158.93 16.06 -24.80	159.73 15.71 -31.80	157.75 14.32 -41.91	158.48 11.97 -62.80	158.69 12.45 -60.41	154.01 11.42 -62.77	196.12 11.97 -102.73	227.63 14.55 -115.44	218.31 12.60 -118.82	191.78 10.25 -109.87	178.16 11.16 -92.64	155.73 11.08 -69.77	129.03 11.22 -37.68	120.55 10.96 -30.14
DELAWARE___LFGE 323621	93.29 3.00 -1.93	88.64 2.84 -4.52	87.79 2.84 -3.95	90.25 2.98 -2.10	92.44 3.21 -0.09	94.35 2.28 -10.47	102.79 2.99 -9.18	115.50 3.14 -22.51	121.54 3.81 -14.67	113.86 3.39 -18.98	133.69 4.37 -11.24	122.44 4.26 -5.96	113.87 3.76 -8.59	103.13 3.10 -16.33	105.09 3.18 -16.07	105.34 2.95 -22.56	114.13 3.09 -29.61	134.43 3.71 -33.08	126.05 3.30 -35.86	112.54 2.58 -38.30	101.85 3.12 -24.36	98.76 3.07 -20.81	100.62 3.29 -17.20	96.45 3.26 -13.75
DERFIELD_115KV_TB7 355931	89.06 0.71 0.00	81.92 0.65 0.00	81.66 0.65 0.00	85.94 0.77 0.00	89.86 0.71 0.00	82.00 0.41 0.00	90.98 0.36 0.00	90.20 0.36 0.00	103.47 0.41 0.00	91.86 0.37 0.00	118.67 0.59 0.00	112.78 0.56 0.00	102.04 0.51 0.00	84.04 0.33 0.00	86.18 0.34 0.00	80.15 0.32 0.00	81.75 0.33 0.00	97.94 0.29 0.00	87.15 0.26 0.00	71.88 0.21 0.00	74.89 0.52 0.00	75.40 0.52 0.00	80.78 0.64 0.00	80.08 0.64 0.00
DOGLEVILLE___HYD 23807	92.68 4.33 0.00	85.09 3.82 0.00	84.90 3.89 0.00	89.26 4.09 0.00	93.51 4.37 0.00	85.35 3.76 0.00	94.79 4.17 0.00	93.97 4.13 0.00	107.70 4.64 0.00	95.70 4.21 0.00	123.63 5.55 0.00	117.50 5.28 0.00	106.20 4.67 0.00	87.48 3.77 0.00	89.61 3.77 0.00	83.18 3.35 0.00	84.77 3.34 0.00	101.45 3.80 0.00	90.01 3.12 0.00	74.10 2.44 0.00	77.04 2.67 0.00	77.50 2.62 0.00	82.86 2.73 0.00	82.14 2.70 0.00
DUNKIRK___115KV_TB_200 55889	82.75 -6.36 -0.75	77.51 -5.53 -1.77	77.12 -5.43 -1.54	80.45 -5.54 -0.82	84.01 -5.17 -0.04	80.54 -5.14 -4.09	88.14 -6.07 -3.60	89.42 -7.55 -7.13	98.62 -9.17 -4.74	89.29 -8.33 -6.12	110.25 -11.45 -3.63	102.81 -11.33 -1.92	93.95 -10.36 -2.77	80.02 -8.96 -5.27	81.75 -9.27 -5.18	79.04 -8.06 -7.27	82.83 -8.14 -9.55	98.74 -9.57 -10.66	90.02 -8.43 -11.56	76.92 -7.09 -12.35	74.77 -7.51 -7.92	74.01 -7.64 -6.76	79.14 -7.85 -6.86	78.09 -6.83 -5.48
DUNKIRK___1 23563	82.75 -6.36 -0.75	77.51 -5.53 -1.77	77.12 -5.43 -1.54	80.45 -5.54 -0.82	84.01 -5.17 -0.04	80.54 -5.14 -4.09	88.14 -6.07 -3.60	89.42 -7.55 -7.13	98.62 -9.17 -4.74	89.29 -8.33 -6.12	110.25 -11.45 -3.63	102.81 -11.33 -1.92	93.95 -10.36 -2.77	80.02 -8.96 -5.27	81.75 -9.27 -5.18	79.04 -8.06 -7.27	82.83 -8.14 -9.55	98.74 -9.57 -10.66	90.02 -8.43 -11.56	76.92 -7.09 -12.35	74.77 -7.51 -7.92	74.01 -7.64 -6.76	79.14 -7.85 -6.86	78.09 -6.83 -5.48
DUNKIRK___2 23564	82.75 -6.36 -0.75	77.51 -5.53 -1.77	77.12 -5.43 -1.54	80.45 -5.54 -0.82	84.01 -5.17 -0.04	80.54 -5.14 -4.09	88.14 -6.07 -3.60	89.42 -7.55 -7.13	98.62 -9.17 -4.74	89.29 -8.33 -6.12	110.25 -11.45 -3.63	102.81 -11.33 -1.92	93.95 -10.36 -2.77	80.02 -8.96 -5.27	81.75 -9.27 -5.18	79.04 -8.06 -7.27	82.83 -8.14 -9.55	98.74 -9.57 -10.66	90.02 -8.43 -11.56	76.92 -7.09 -12.35	74.77 -7.51 -7.92	74.01 -7.64 -6.76	79.14 -7.85 -6.86	78.09 -6.83 -5.48
DUNKIRK___3 23565	82.21 -6.89 -0.74	77.00 -6.01 -1.75	76.62 -5.91 -1.52	79.93 -6.05 -0.81	83.47 -5.71 -0.03	79.92 -5.71 -4.04	87.46 -6.71 -3.55	88.65 -8.18 -6.99	97.81 -9.89 -4.65	88.62 -8.87 -6.01	109.47 -12.16 -3.56	102.21 -11.90 -1.89	93.38 -10.86 -2.72	79.50 -9.38 -5.17	81.31 -9.61 -5.09	78.50 -8.46 -7.14	82.24 -8.55 -9.37	98.05 -10.06 -10.46	89.36 -8.86 -11.34	76.32 -7.45 -12.11	74.25 -7.88 -7.77	73.50 -8.01 -6.64	78.74 -8.17 -6.78	77.71 -7.15 -5.42
DUNKIRK___4 23566	82.21 -6.89 -0.74	77.00 -6.01 -1.75	76.62 -5.91 -1.52	79.93 -6.05 -0.81	83.47 -5.71 -0.03	79.92 -5.71 -4.04	87.46 -6.71 -3.55	88.65 -8.18 -6.99	97.81 -9.89 -4.65	88.62 -8.87 -6.01	109.47 -12.16 -3.56	102.21 -11.90 -1.89	93.38 -10.86 -2.72	79.50 -9.38 -5.17	81.31 -9.61 -5.09	78.50 -8.46 -7.14	82.24 -8.55 -9.37	98.05 -10.06 -10.46	89.36 -8.86 -11.34	76.32 -7.45 -12.11	74.25 -7.88 -7.77	73.50 -8.01 -6.64	78.74 -8.17 -6.78	77.71 -7.15 -5.42
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	98.20 5.57 -4.28	96.17 4.88 -10.02	94.38 4.62 -8.75	94.77 4.94 -4.66	94.69 5.35 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.44 5.39 -50.21	142.29 6.90 -32.33	139.72 6.40 -41.83	151.83 8.97 -24.78	134.32 8.98 -13.12	128.48 8.02 -18.93	126.39 6.70 -35.98	128.04 6.78 -35.42	135.53 5.99 -49.71	152.70 6.03 -65.25	177.75 7.23 -72.88	172.33 6.43 -79.02	161.43 5.37 -84.39	134.46 6.40 -53.70	127.27 6.51 -45.88	124.78 6.97 -37.67	116.23 6.67 -30.12
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	98.05 5.57 -4.13	95.83 4.88 -9.68	94.16 4.70 -8.45	94.61 4.94 -4.50	94.77 5.44 -0.19	108.00 4.00 -22.41	115.15 4.89 -19.64	143.53 5.21 -48.49	140.87 6.60 -31.22	137.83 5.95 -40.39	150.15 8.15 -23.92	132.98 8.08 -12.67	126.91 7.11 -18.28	124.40 5.94 -34.74	126.13 6.09 -34.20	133.26 5.43 -48.00	150.05 5.62 -63.00	174.95 6.93 -70.38	169.36 6.17 -76.30	158.24 5.09 -81.49	132.17 5.95 -51.85	125.17 5.99 -44.30	122.92 6.41 -36.37	114.56 6.04 -29.09

E179THST_138_KV_TB4_REV_LBMP_J 345001	99.00 6.36 -4.28	96.90 5.61 -10.02	94.95 5.18 -8.75	95.19 5.37 -4.66	95.31 5.97 -0.20	108.72 3.92 -23.21	115.67 4.71 -20.34	145.53 5.48 -50.22	141.88 6.49 -32.34	139.54 6.22 -41.83	152.19 9.33 -24.79	135.01 9.65 -13.13	129.20 8.73 -18.94	126.90 7.20 -35.99	128.65 7.38 -35.43	136.02 6.47 -49.72	153.12 6.43 -65.26	178.25 7.71 -72.90	172.78 6.86 -79.03	161.66 5.59 -84.41	134.62 6.54 -53.71	127.58 6.81 -45.89	125.67 7.85 -37.68	117.20 7.63 -30.13
E179THST_13_KV_LOAD 356214	99.35 6.72 -4.28	97.15 5.85 -10.02	95.27 5.51 -8.75	95.54 5.71 -4.66	95.67 6.33 -0.20	109.04 4.24 -23.21	116.12 5.17 -20.34	145.98 5.93 -50.22	142.40 7.01 -32.34	140.00 6.68 -41.83	152.78 9.92 -24.79	135.57 10.21 -13.13	129.70 9.24 -18.94	127.32 7.62 -35.99	129.08 7.81 -35.43	136.42 6.87 -49.72	153.52 6.84 -65.26	178.84 8.30 -72.90	173.21 7.30 -79.03	162.09 6.02 -84.41	135.07 6.99 -53.71	127.96 7.19 -45.89	126.07 8.25 -37.68	117.59 8.02 -30.13
EAST HAMPTON___GT 23717	101.12 8.48 -4.28	98.53 7.23 -10.03	96.57 6.81 -8.75	96.73 6.90 -4.66	97.45 8.11 -0.20	110.36 5.55 -23.21	118.52 7.52 -20.39	148.43 8.26 -50.33	147.34 11.95 -32.34	145.21 11.89 -41.83	159.17 16.30 -24.80	160.07 16.05 -31.80	157.95 14.52 -41.91	158.89 12.39 -62.80	159.28 13.04 -60.40	154.56 11.97 -62.76	196.84 12.70 -102.72	228.21 15.13 -115.43	218.56 12.86 -118.81	191.70 10.17 -109.86	178.38 11.38 -92.64	155.65 11.01 -69.76	128.87 11.06 -37.67	120.07 10.49 -30.14
EAST RIVER___6 23660	98.29 5.66 -4.28	96.17 4.88 -10.02	94.37 4.62 -8.75	94.60 4.77 -4.66	94.60 5.26 -0.20	108.31 3.51 -23.21	115.00 4.62 -19.76	145.54 5.39 -50.32	142.39 7.01 -32.33	139.90 6.59 -41.82	152.17 9.33 -24.77	134.88 9.53 -13.12	129.08 8.62 -18.92	126.79 7.11 -35.97	128.54 7.29 -35.41	135.76 6.23 -49.70	148.58 6.27 -60.89	177.34 7.33 -72.37	171.81 6.43 -78.49	160.94 5.30 -83.97	134.40 6.77 -53.26	127.64 6.88 -45.87	125.42 7.62 -37.66	116.71 7.15 -30.12
EAST RIVER___7 23524	98.29 5.66 -4.28	96.17 4.88 -10.02	94.37 4.62 -8.75	94.60 4.77 -4.66	94.60 5.26 -0.20	108.31 3.51 -23.21	115.00 4.62 -19.76	145.54 5.39 -50.32	142.39 7.01 -32.33	139.90 6.59 -41.82	152.17 9.33 -24.77	134.88 9.53 -13.12	129.08 8.62 -18.92	126.79 7.11 -35.97	128.54 7.29 -35.41	135.76 6.23 -49.70	148.58 6.27 -60.89	177.34 7.33 -72.37	171.81 6.43 -78.49	160.94 5.30 -83.97	134.40 6.77 -53.26	127.64 6.88 -45.87	125.42 7.62 -37.66	116.71 7.15 -30.12
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	98.10 5.48 -4.27	96.07 4.80 -10.00	94.28 4.54 -8.73	94.59 4.77 -4.65	94.60 5.26 -0.20	108.34 3.59 -23.16	115.45 4.53 -20.30	145.16 5.21 -50.11	141.92 6.60 -32.27	139.37 6.13 -41.75	151.42 8.62 -24.73	133.85 8.53 -13.10	128.13 7.72 -18.89	125.98 6.36 -35.91	127.71 6.52 -35.35	135.19 5.75 -49.62	152.32 5.78 -65.12	177.32 6.93 -72.74	171.92 6.17 -78.86	161.05 5.16 -84.23	134.14 6.17 -53.60	126.96 6.29 -45.79	124.46 6.73 -37.59	115.86 6.36 -30.06
EAST_HAMPTON___DIESEL 23722	100.94 8.30 -4.28	98.37 7.07 -10.03	96.41 6.64 -8.75	96.56 6.73 -4.66	97.27 7.93 -0.20	110.19 5.38 -23.21	118.34 7.34 -20.39	148.25 8.09 -50.33	147.13 11.74 -32.34	145.04 11.71 -41.83	159.05 16.18 -24.80	159.95 15.93 -31.80	157.84 14.41 -41.91	158.82 12.31 -62.80	159.20 12.96 -60.40	154.56 11.97 -62.76	196.77 12.62 -102.72	228.11 15.03 -115.43	218.48 12.78 -118.81	191.63 10.11 -109.86	178.24 11.23 -92.64	155.50 10.85 -69.76	128.71 10.90 -37.67	119.90 10.32 -30.14
EAST_POINT___SOLAR 323840	101.79 7.15 -6.28	102.24 6.26 -14.71	100.17 6.32 -12.84	98.48 6.47 -6.84	96.65 7.22 -0.29	122.26 6.61 -34.06	128.94 8.43 -29.89	172.28 8.63 -73.82	159.55 8.96 -47.54	159.39 6.40 -61.49	162.17 7.67 -36.42	137.01 5.50 -19.29	133.72 4.36 -27.83	140.46 3.85 -52.90	141.94 4.04 -52.07	158.66 5.75 -73.09	184.83 7.49 -95.92	214.26 9.47 -107.15	211.66 8.60 -116.17	202.69 6.95 -124.07	160.76 7.44 -78.96	149.89 7.56 -67.45	142.87 7.37 -55.36	130.70 6.99 -44.27
EAST_PULASKI___ESR 323781	86.82 -1.86 -0.32	80.24 -1.79 -0.76	79.97 -1.71 -0.66	83.65 -1.87 -0.35	87.11 -2.05 -0.02	81.65 -1.72 -1.77	90.31 -1.81 -1.50	91.85 -1.71 -3.72	103.33 -2.17 -2.45	92.64 -2.01 -3.17	117.35 -2.60 -1.88	110.75 -2.47 -0.99	100.73 -2.23 -1.43	84.67 -1.76 -2.72	86.71 -1.81 -2.68	81.91 -1.68 -3.76	84.74 -1.63 -4.94	101.50 -1.66 -5.52	91.31 -1.56 -5.98	76.62 -1.43 -6.39	77.12 -1.26 -4.02	76.97 -1.35 -3.43	81.43 -1.53 -2.81	80.18 -1.51 -2.25
EAST_RIVER___1 323558	98.29 5.66 -4.28	96.25 4.96 -10.02	94.37 4.62 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.39 3.59 -23.21	115.00 4.62 -19.76	145.63 5.48 -50.32	142.39 7.01 -32.33	139.81 6.50 -41.82	152.17 9.33 -24.77	134.88 9.53 -13.12	128.98 8.53 -18.92	126.79 7.11 -35.97	128.54 7.29 -35.41	135.84 6.30 -49.70	148.67 6.36 -60.89	177.43 7.42 -72.37	171.98 6.60 -78.49	161.15 5.52 -83.97	134.47 6.84 -53.26	127.64 6.88 -45.87	125.57 7.77 -37.66	116.71 7.15 -30.12
EAST_RIVER___2 323559	98.29 5.66 -4.28	96.17 4.88 -10.02	94.37 4.62 -8.75	94.60 4.77 -4.66	94.60 5.26 -0.20	108.31 3.51 -23.21	115.00 4.62 -19.76	145.54 5.39 -50.32	142.39 7.01 -32.33	139.90 6.59 -41.82	152.17 9.33 -24.77	134.88 9.53 -13.12	129.08 8.62 -18.92	126.79 7.11 -35.97	128.54 7.29 -35.41	135.76 6.23 -49.70	148.58 6.27 -60.89	177.34 7.33 -72.37	171.81 6.43 -78.49	160.94 5.30 -83.97	134.40 6.77 -53.26	127.64 6.88 -45.87	125.42 7.62 -37.66	116.71 7.15 -30.12
EAST___DELAWARE_HYD 23607	98.80 6.54 -3.90	96.20 5.77 -9.15	94.51 5.51 -7.99	95.30 5.87 -4.25	95.65 6.33 -0.18	107.85 5.06 -21.19	115.48 6.25 -18.61	142.16 6.38 -45.95	140.40 7.83 -29.52	136.54 6.87 -38.18	149.79 9.09 -22.62	133.07 8.86 -11.98	126.52 7.71 -17.28	123.00 6.45 -32.84	124.78 6.61 -32.33	131.20 5.99 -45.38	147.58 6.59 -59.56	172.38 8.20 -66.53	166.49 7.47 -72.13	154.65 5.94 -77.04	130.31 6.92 -49.02	123.57 6.81 -41.88	121.98 7.45 -34.39	113.77 6.83 -27.50
EIGHT_POINT___WT_PWR 323820	86.63 -2.65 -0.92	81.33 -2.11 -2.17	80.96 -1.95 -1.89	84.05 -2.13 -1.01	87.58 -1.60 -0.04	85.31 -1.31 -5.03	93.81 -1.36 -4.55	98.25 -1.89 -10.31	107.05 -2.68 -6.67	97.11 -3.02 -8.63	118.58 -4.61 -5.11	110.22 -4.71 -2.71	101.07 -4.36 -3.91	87.54 -3.60 -7.43	89.46 -3.69 -7.31	86.97 -3.11 -10.26	91.88 -3.01 -13.46	109.26 -3.42 -15.04	100.24 -2.95 -16.30	86.35 -2.72 -17.41	82.02 -3.42 -11.07	80.29 -4.04 -9.46	83.62 -4.97 -8.45	81.27 -4.93 -6.75
ELBRIDGE_115KV_TB2 80188	87.34 -1.50 -0.48	81.02 -1.38 -1.13	80.70 -1.30 -0.98	84.25 -1.45 -0.52	87.56 -1.60 -0.02	82.81 -1.39 -2.61	93.63 0.72 -2.29	96.22 0.72 -5.66	106.14 -0.72 -3.81	95.69 -0.73 -4.93	119.70 -1.30 -2.92	112.53 -1.23 -1.55	102.64 -1.12 -2.23	87.19 -0.75 -4.24	89.24 -0.77 -4.17	85.05 -0.64 -5.86	88.62 -0.49 -7.69	105.74 -0.49 -8.59	95.85 -0.35 -9.31	81.18 -0.43 -9.94	80.99 -0.30 -6.92	80.42 -0.37 -5.91	84.50 -0.48 -4.85	82.92 -0.40 -3.88
ELEC_TRO_TEK 24086	99.08 6.45 -4.28	96.83 5.53 -10.03	94.95 5.18 -8.75	95.11 5.28 -4.66	95.49 6.15 -0.20	108.48 3.67 -23.21	115.94 4.98 -20.34	145.63 5.57 -50.22	143.12 7.73 -32.34	141.01 7.69 -41.84	153.15 10.27 -24.80	154.24 10.21 -31.80	152.67 9.24 -41.91	154.13 7.62 -62.80	154.05 7.81 -60.41	149.54 6.95 -62.77	191.16 7.00 -102.73	221.47 8.40 -115.42	213.09 7.39 -118.82	187.77 6.23 -109.87	174.22 7.21 -92.64	152.06 7.41 -69.77	125.91 8.09 -37.68	117.45 7.86 -30.14

ELLENBURG_WT_PWR 323604	88.36 0.00 0.00	81.19 -0.08 0.00	80.93 -0.08 0.00	85.17 0.00 0.00	89.23 0.09 0.00	81.51 -0.08 0.00	89.16 -1.45 0.00	88.67 -1.17 0.00	98.93 -4.13 0.00	88.75 -2.74 0.00	115.83 -2.25 0.00	109.20 -3.02 0.00	99.09 -2.44 0.00	80.78 -2.93 0.00	82.49 -3.35 0.00	76.96 -2.87 0.00	77.93 -3.50 0.00	92.86 -4.78 0.00	82.36 -4.52 0.00	69.73 -1.93 0.00	73.25 -1.11 0.00	73.76 -1.12 0.00	78.61 -1.53 0.00	78.17 -1.27 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	81.22 -7.86 -0.72	76.06 -6.91 -1.69	75.77 -6.72 -1.48	78.97 -6.98 -0.79	82.13 -7.04 -0.03	78.82 -6.69 -3.92	86.09 -7.97 -3.45	86.95 -9.52 -6.64	95.93 -11.54 -4.42	86.95 -10.25 -5.71	107.41 -14.05 -3.38	100.33 -13.69 -1.80	91.63 -12.49 -2.59	78.07 -10.55 -4.91	79.86 -10.82 -4.84	77.11 -9.50 -6.79	80.72 -9.61 -8.90	96.07 -11.52 -9.94	87.59 -10.08 -10.78	74.79 -8.38 -11.51	72.90 -8.85 -7.39	72.36 -8.84 -6.31	77.82 -8.90 -6.58	77.00 -7.71 -5.26
EMPIRE_CC_1 323656	97.43 3.62 -5.45	97.30 3.25 -12.77	95.72 3.56 -11.15	94.85 3.74 -5.94	93.41 4.02 -0.25	113.77 2.61 -29.57	119.20 2.63 -25.96	156.24 2.25 -64.16	146.96 2.67 -41.23	147.20 2.37 -53.33	152.62 2.95 -31.59	131.65 2.69 -16.73	128.20 2.54 -24.13	131.59 2.01 -45.88	133.06 2.06 -45.16	145.05 1.84 -63.39	166.49 1.87 -83.19	192.83 2.25 -92.93	189.55 1.91 -100.75	180.85 1.57 -107.61	145.45 2.60 -68.48	136.07 2.69 -58.50	131.08 2.97 -47.98	120.75 2.94 -38.36
EMPIRE_CC_2 323658	97.43 3.62 -5.45	97.30 3.25 -12.77	95.72 3.56 -11.15	94.85 3.74 -5.94	93.41 4.02 -0.25	113.77 2.61 -29.57	119.20 2.63 -25.96	156.24 2.25 -64.16	146.96 2.67 -41.23	147.20 2.37 -53.33	152.62 2.95 -31.59	131.65 2.69 -16.73	128.20 2.54 -24.13	131.59 2.01 -45.88	133.06 2.06 -45.16	145.05 1.84 -63.39	166.49 1.87 -83.19	192.83 2.25 -92.93	189.55 1.91 -100.75	180.85 1.57 -107.61	145.45 2.60 -68.48	136.07 2.69 -58.50	131.08 2.97 -47.98	120.75 2.94 -38.36
ENORWICH_115KV_TB1 80156	96.71 6.98 -1.37	90.91 6.42 -3.22	90.46 6.64 -2.81	93.90 7.24 -1.50	97.05 7.84 -0.06	96.55 7.51 -7.45	107.03 9.88 -6.53	115.73 9.97 -15.93	124.74 11.13 -10.55	114.47 9.33 -13.65	137.62 11.45 -8.09	127.28 10.77 -4.28	117.15 9.44 -6.18	103.32 7.87 -11.74	105.64 8.24 -11.56	103.80 7.74 -16.22	111.51 8.79 -21.29	132.46 11.03 -23.79	122.14 9.47 -25.79	106.37 7.17 -27.54	99.21 7.29 -17.55	96.84 6.96 -14.99	99.97 7.37 -12.46	96.64 7.23 -9.97
ERIE_ST__34_KV_TB1-2 80199	80.80 -8.31 -0.75	75.64 -7.40 -1.77	75.34 -7.21 -1.54	78.50 -7.49 -0.82	83.74 -5.44 -0.04	78.58 -7.10 -4.09	86.05 -8.16 -3.59	87.63 -9.34 -7.14	96.98 -10.82 -4.74	87.92 -9.70 -6.13	108.96 -12.75 -3.63	101.92 -12.23 -1.93	93.24 -11.07 -2.78	79.52 -9.46 -5.27	81.41 -9.61 -5.19	78.41 -8.70 -7.28	82.19 -8.79 -9.56	98.07 -10.25 -10.67	89.34 -9.12 -11.57	76.36 -7.67 -12.36	74.11 -8.18 -7.93	73.27 -8.39 -6.77	77.93 -9.06 -6.85	76.89 -8.02 -5.48
ERIE_WT_PWR 323693	81.41 -7.69 -0.74	76.27 -6.74 -1.74	75.97 -6.56 -1.52	78.99 -6.98 -0.81	82.40 -6.78 -0.03	79.18 -6.45 -4.04	86.56 -7.70 -3.65	87.82 -9.25 -7.23	96.59 -11.13 -4.66	87.55 -9.97 -6.03	108.18 -13.46 -3.57	100.99 -13.13 -1.89	92.28 -11.98 -2.73	78.76 -10.13 -5.18	80.55 -10.39 -5.10	77.81 -9.18 -7.16	81.46 -9.36 -9.40	97.11 -11.03 -10.50	88.54 -9.73 -11.38	75.86 -7.96 -12.15	73.61 -8.48 -7.72	72.79 -8.68 -6.60	77.82 -9.06 -6.74	77.20 -7.63 -5.39
ESPRGFLD_115KV_TB1 80157	92.07 3.71 0.00	84.61 3.33 0.00	84.33 3.32 0.00	88.66 3.49 0.00	93.06 3.92 0.00	84.94 3.35 0.00	95.33 4.71 0.00	94.68 4.94 0.10	108.46 5.46 0.06	95.71 4.30 0.08	123.34 5.31 0.05	116.91 4.71 0.02	105.45 3.96 0.04	86.99 3.35 0.07	89.29 3.52 0.07	83.49 3.75 0.09	85.94 4.64 0.12	103.37 5.86 0.14	91.95 5.21 0.15	75.59 4.08 0.16	78.65 4.39 0.10	79.14 4.34 0.09	84.46 4.33 0.00	83.49 4.05 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	90.39 1.06 -0.98	84.54 0.98 -2.29	84.06 1.05 -2.00	87.26 1.02 -1.06	90.44 1.25 -0.05	88.03 1.14 -5.30	97.53 2.27 -4.65	103.44 2.25 -11.35	113.09 2.37 -7.67	103.14 1.74 -9.91	125.84 1.89 -5.87	117.02 1.68 -3.11	107.44 1.42 -4.49	93.66 1.42 -8.53	95.77 1.55 -8.39	93.21 1.60 -11.78	98.84 1.95 -15.46	117.46 2.54 -17.27	107.96 2.35 -18.73	93.39 1.72 -20.00	89.04 1.86 -12.81	87.55 1.72 -10.94	90.82 1.60 -9.08	88.37 1.67 -7.26
ETNA____115KV_TB2 80207	90.39 1.06 -0.98	84.54 0.98 -2.29	84.06 1.05 -2.00	87.26 1.02 -1.06	90.44 1.25 -0.05	88.03 1.14 -5.30	97.53 2.27 -4.65	103.44 2.25 -11.35	113.09 2.37 -7.67	103.14 1.74 -9.91	125.84 1.89 -5.87	117.02 1.68 -3.11	107.44 1.42 -4.49	93.66 1.42 -8.53	95.77 1.55 -8.39	93.21 1.60 -11.78	98.84 1.95 -15.46	117.46 2.54 -17.27	107.96 2.35 -18.73	93.39 1.72 -20.00	89.04 1.86 -12.81	87.55 1.72 -10.94	90.82 1.60 -9.08	88.37 1.67 -7.26
EUCLID____115KV_TB2 356179	86.70 -2.03 -0.38	80.29 -1.87 -0.89	79.92 -1.86 -0.77	83.62 -1.96 -0.41	86.93 -2.23 -0.02	81.68 -1.96 -2.05	90.70 -1.72 -1.81	92.50 -1.80 -4.46	103.88 -2.16 -2.99	93.35 -2.01 -3.87	117.53 -2.83 -2.29	110.74 -2.69 -1.21	100.84 -2.44 -1.75	85.11 -1.93 -3.33	87.14 -1.97 -3.28	82.67 -1.76 -4.60	85.75 -1.71 -6.04	102.34 -2.05 -6.74	92.46 -1.74 -7.31	77.97 -1.50 -7.81	77.98 -1.49 -5.10	77.74 -1.50 -4.36	82.11 -1.60 -3.57	80.79 -1.51 -2.86
E_CANADA_CAP_HY 24051	99.90 5.03 -6.51	100.93 4.39 -15.27	98.71 4.37 -13.33	96.78 4.51 -7.10	94.52 5.08 -0.30	121.51 4.57 -35.35	127.72 6.07 -31.03	172.66 6.19 -76.63	158.68 6.29 -49.34	159.98 4.66 -63.82	161.43 5.55 -37.80	136.74 4.49 -20.03	134.06 3.65 -28.88	141.71 3.10 -54.90	143.14 3.26 -54.04	159.83 4.15 -75.85	186.27 5.29 -99.55	215.58 6.73 -111.21	213.62 6.17 -120.57	205.31 4.88 -128.77	161.67 5.36 -81.94	150.42 5.54 -70.00	142.97 5.37 -57.46	130.48 5.09 -45.95
E_CANADA_MHWK_HY 24050	92.68 4.33 0.00	85.09 3.82 0.00	84.90 3.89 0.00	89.26 4.09 0.00	93.51 4.37 0.00	85.35 3.76 0.00	94.79 4.17 0.00	93.97 4.13 0.00	107.70 4.64 0.00	95.70 4.21 0.00	123.63 5.55 0.00	117.50 5.28 0.00	106.20 4.67 0.00	87.48 3.77 0.00	89.61 3.77 0.00	83.18 3.35 0.00	84.77 3.34 0.00	101.45 3.80 0.00	90.01 3.12 0.00	74.10 2.44 0.00	77.04 2.67 0.00	77.50 2.62 0.00	82.86 2.73 0.00	82.14 2.70 0.00
E_FISHKILL____LBMP 23776	97.84 5.12 -4.36	96.04 4.55 -10.21	94.30 4.37 -8.92	94.52 4.60 -4.75	94.34 4.99 -0.20	108.58 3.35 -23.65	115.51 4.17 -20.72	145.67 4.67 -51.17	141.87 5.87 -32.94	139.60 5.49 -42.62	150.88 7.56 -25.24	133.11 7.52 -13.37	127.51 6.70 -19.29	125.98 5.61 -36.66	127.68 5.75 -36.09	135.51 5.03 -50.65	153.03 5.13 -66.48	178.06 6.15 -74.26	172.78 5.39 -80.51	162.17 4.51 -85.99	134.59 5.50 -54.72	127.24 5.62 -46.74	124.52 6.01 -38.38	115.85 5.72 -30.69
FALCON____SEABRD_CC1 323796	89.59 1.24 0.00	82.25 0.98 0.00	81.99 0.98 0.00	86.27 1.10 0.00	90.48 1.34 0.00	82.65 1.06 0.00	89.89 -0.73 0.00	89.39 -0.45 0.00	99.14 -3.92 0.00	89.39 -2.10 0.00	116.78 -1.30 0.00	110.09 -2.14 0.00	100.01 -1.52 0.00	81.45 -2.26 0.00	83.17 -2.66 0.00	77.59 -2.23 0.00	78.57 -2.85 0.00	93.64 -4.01 0.00	83.07 -3.82 0.00	70.45 -1.22 0.00	73.85 -0.52 0.00	74.28 -0.60 0.00	79.26 -0.88 0.00	79.12 -0.32 0.00

FALCON___SEABRD_CC2 323797	89.59 1.24 0.00	82.25 0.98 0.00	81.99 0.98 0.00	86.27 1.10 0.00	90.48 1.34 0.00	82.65 1.06 0.00	89.89 -0.73 0.00	89.39 -0.45 0.00	99.14 -3.92 0.00	89.39 -2.10 0.00	116.78 -1.30 0.00	110.09 -2.14 0.00	100.01 -1.52 0.00	81.45 -2.26 0.00	83.17 -2.66 0.00	77.59 -2.23 0.00	78.57 -2.85 0.00	93.64 -4.01 0.00	83.07 -3.82 0.00	70.45 -1.22 0.00	73.85 -0.52 0.00	74.28 -0.60 0.00	79.26 -0.88 0.00	79.12 -0.32 0.00
FAR ROCKAWAY___4 23548	100.41 7.78 -4.28	97.96 6.66 -10.03	96.08 6.32 -8.75	96.30 6.47 -4.66	96.65 7.31 -0.20	109.54 4.73 -23.21	117.21 6.25 -20.34	147.07 7.01 -50.22	144.77 9.38 -32.34	142.57 9.24 -41.84	154.80 11.93 -24.80	155.81 11.78 -31.80	154.10 10.66 -41.91	155.30 8.79 -62.80	155.26 9.01 -60.41	150.58 7.98 -62.77	192.21 8.06 -102.73	222.73 9.67 -115.42	214.31 8.60 -118.82	188.70 7.17 -109.87	175.26 8.25 -92.64	153.03 8.39 -69.77	127.19 9.38 -37.68	118.72 9.14 -30.14
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	98.38 5.74 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.77 4.94 -4.66	94.78 5.44 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.53 5.48 -50.21	142.39 7.01 -32.33	139.91 6.59 -41.83	152.30 9.45 -24.78	134.89 9.54 -13.12	129.09 8.63 -18.93	126.80 7.12 -35.98	128.55 7.30 -35.42	135.93 6.39 -49.71	153.02 6.35 -65.24	178.04 7.52 -72.88	172.59 6.69 -79.02	161.65 5.59 -84.39	134.61 6.54 -53.70	127.50 6.74 -45.88	125.18 7.37 -37.67	116.63 7.07 -30.12
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	98.38 5.74 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.77 4.94 -4.66	94.78 5.44 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.53 5.48 -50.21	142.39 7.01 -32.33	139.91 6.59 -41.83	152.30 9.45 -24.78	134.89 9.54 -13.12	129.09 8.63 -18.93	126.80 7.12 -35.98	128.55 7.30 -35.42	135.93 6.39 -49.71	153.02 6.35 -65.24	178.04 7.52 -72.88	172.59 6.69 -79.02	161.65 5.59 -84.39	134.69 6.62 -53.70	127.50 6.74 -45.88	125.26 7.45 -37.67	116.63 7.07 -30.12
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	98.29 5.65 -4.28	96.25 4.96 -10.02	94.38 4.62 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	115.58 4.62 -20.34	145.53 5.48 -50.21	142.29 6.90 -32.33	139.81 6.50 -41.83	152.18 9.33 -24.78	134.89 9.54 -13.12	128.98 8.53 -18.93	126.72 7.03 -35.98	128.47 7.21 -35.42	135.85 6.31 -49.71	152.94 6.27 -65.24	177.95 7.42 -72.88	172.51 6.60 -79.02	161.57 5.52 -84.39	134.54 6.47 -53.70	127.42 6.66 -45.88	125.18 7.37 -37.67	116.63 7.07 -30.12
FARRAGUT___LBMP 323566	98.29 5.65 -4.28	96.17 4.88 -10.02	94.38 4.62 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	115.49 4.53 -20.34	145.44 5.39 -50.21	142.29 6.90 -32.33	139.72 6.40 -41.83	152.06 9.21 -24.78	134.77 9.43 -13.12	128.88 8.43 -18.93	126.72 7.03 -35.98	128.38 7.12 -35.42	135.77 6.23 -49.71	152.86 6.19 -65.24	177.85 7.32 -72.88	172.42 6.52 -79.02	161.50 5.45 -84.39	134.54 6.47 -53.70	127.35 6.59 -45.88	125.10 7.29 -37.67	116.55 6.99 -30.12
FENNER___WINDPWR 24204	90.48 1.59 -0.53	83.98 1.46 -1.24	83.63 1.54 -1.09	87.36 1.61 -0.58	90.86 1.69 -0.02	86.20 1.72 -2.90	95.64 2.35 -2.68	98.83 2.43 -6.56	109.98 2.67 -4.25	99.18 2.19 -5.50	123.93 2.59 -3.26	116.41 2.47 -1.73	106.25 2.23 -2.49	90.37 1.93 -4.73	92.47 1.98 -4.66	88.28 1.91 -6.54	92.12 2.11 -8.58	109.87 2.64 -9.59	99.53 2.26 -10.39	84.41 1.65 -11.10	83.26 1.86 -7.03	82.61 1.72 -6.01	86.86 1.76 -4.97	85.24 1.83 -3.97
FIBERTEK___ENERGY 23856	87.84 -0.97 -0.45	81.44 -0.89 -1.06	81.05 -0.89 -0.93	84.73 -0.94 -0.49	88.00 -1.16 -0.02	83.15 -0.90 -2.46	93.32 0.54 -2.16	95.72 0.54 -5.34	106.32 -0.31 -3.58	95.66 -0.46 -4.63	119.99 -0.83 -2.74	112.89 -0.79 -1.45	102.91 -0.71 -2.09	87.27 -0.42 -3.98	89.41 -0.34 -3.92	85.01 -0.32 -5.50	88.40 -0.24 -7.22	105.61 -0.10 -8.07	95.54 -0.09 -8.74	80.86 -0.14 -9.34	80.67 -0.07 -6.38	80.18 -0.15 -5.45	84.36 -0.24 -4.47	82.85 -0.16 -3.57
FITZPATRICK____ 23598	85.27 -3.36 -0.27	78.89 -3.01 -0.63	78.56 -3.00 -0.55	82.22 -3.24 -0.29	85.68 -3.48 -0.01	79.94 -3.10 -1.45	88.24 -3.54 -1.16	89.26 -3.51 -2.92	100.81 -4.13 -1.88	90.17 -3.76 -2.43	114.56 -4.95 -1.44	108.28 -4.71 -0.76	98.37 -4.26 -1.10	82.29 -3.51 -2.09	84.37 -3.52 -2.06	79.44 -3.28 -2.89	81.88 -3.34 -3.79	97.97 -3.91 -4.24	88.00 -3.48 -4.59	73.70 -2.87 -4.91	74.58 -2.90 -3.11	74.62 -2.92 -2.66	79.15 -3.13 -2.14	78.14 -3.02 -1.71
FLOWRFLD_69_KV_BK1 356044	101.29 8.66 -4.28	98.69 7.40 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.45 8.11 -0.20	110.19 5.39 -23.21	118.03 7.07 -20.34	147.61 7.55 -50.22	145.80 10.41 -32.34	143.76 10.43 -41.84	156.69 13.81 -24.80	157.60 13.58 -31.80	155.72 12.28 -41.91	156.72 10.21 -62.80	156.80 10.56 -60.41	152.17 9.58 -62.77	194.01 9.85 -102.73	225.20 12.11 -115.45	216.48 10.77 -118.82	190.42 8.89 -109.87	176.97 9.97 -92.64	154.68 10.03 -69.77	128.47 10.66 -37.68	119.91 10.33 -30.14
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	99.27 6.63 -4.28	97.16 5.85 -10.04	95.36 5.59 -8.76	95.80 5.96 -4.67	95.76 6.42 -0.20	109.73 4.90 -23.24	116.87 5.89 -20.37	146.41 6.29 -50.28	143.26 7.83 -32.38	140.42 7.04 -41.88	152.45 9.56 -24.81	134.90 9.54 -13.14	128.81 8.33 -18.95	126.68 6.95 -36.03	128.43 7.12 -35.47	135.91 6.31 -49.78	153.27 6.51 -65.33	178.73 8.10 -72.98	173.22 7.21 -79.12	162.04 5.88 -84.50	134.98 6.84 -53.77	127.71 6.89 -45.94	125.23 7.37 -37.72	116.59 6.99 -30.16
FORT ORANGE____ 23900	98.07 4.15 -5.56	98.05 3.74 -13.04	96.28 3.89 -11.38	95.32 4.09 -6.06	93.77 4.37 -0.26	114.97 3.18 -30.20	119.58 2.53 -26.43	156.43 1.26 -65.33	146.32 1.34 -41.93	146.92 1.19 -54.24	151.38 1.18 -32.13	130.25 1.01 -17.02	126.98 0.91 -24.54	131.12 0.75 -46.66	132.54 0.77 -45.93	145.09 0.80 -64.46	166.84 0.81 -84.60	193.23 1.08 -94.51	190.31 0.96 -102.46	181.89 0.79 -109.43	145.42 1.41 -69.64	135.79 1.42 -59.49	130.69 1.76 -48.79	121.23 2.78 -39.01
FORT_DRUM_COGEN 23780	88.40 -0.18 -0.22	81.55 -0.24 -0.52	81.30 -0.16 -0.46	85.24 -0.17 -0.24	88.97 -0.18 -0.01	83.04 0.24 -1.21	92.63 0.91 -1.11	93.93 1.35 -2.74	105.94 1.13 -1.75	94.49 0.73 -2.27	120.36 0.94 -1.34	113.72 0.79 -0.71	103.27 0.71 -1.03	86.25 0.59 -1.95	88.36 0.60 -1.92	83.32 0.80 -2.70	86.02 1.06 -3.54	103.26 1.66 -3.95	92.30 1.13 -4.29	77.03 0.79 -4.58	78.32 0.97 -2.98	78.18 0.75 -2.55	82.71 0.48 -2.09	81.43 0.32 -1.67
FOX_HILLS___ESR 323835	99.00 6.36 -4.28	96.74 5.45 -10.02	94.86 5.10 -8.75	95.11 5.28 -4.66	95.23 5.88 -0.20	108.80 4.00 -23.21	115.94 4.98 -20.34	145.80 5.75 -50.22	142.66 7.21 -32.39	140.24 6.86 -41.89	256.53 9.80 -128.65	135.23 9.88 -13.13	129.40 8.93 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.18 6.63 -49.72	153.28 6.60 -65.26	190.48 8.01 -84.83	190.28 7.12 -96.26	162.12 5.95 -84.51	251.89 7.14 -170.39	158.76 7.26 -76.62	125.59 7.77 -37.68	116.96 7.39 -30.13
FPL FAR_ROCK_GT1 24212	100.41 7.78 -4.28	97.96 6.67 -10.03	96.08 6.32 -8.75	96.30 6.47 -4.66	96.65 7.31 -0.20	109.70 4.90 -23.21	117.25 6.25 -20.39	147.18 7.01 -50.33	144.87 9.47 -32.34	142.56 9.24 -41.83	154.79 11.92 -24.80	155.80 11.78 -31.80	153.99 10.56 -41.91	155.29 8.79 -62.80	155.25 9.01 -60.40	150.57 7.98 -62.76	192.29 8.14 -102.72	222.73 9.67 -115.41	214.30 8.60 -118.81	188.69 7.17 -109.86	175.48 8.47 -92.64	153.18 8.53 -69.76	127.50 9.69 -37.67	118.71 9.13 -30.14

FPL_FAR_ROCK_GT2 23815	100.41 7.78 -4.28	97.96 6.67 -10.03	96.08 6.32 -8.75	96.30 6.47 -4.66	96.65 7.31 -0.20	109.70 4.90 -23.21	117.25 6.25 -20.39	147.18 7.01 -50.33	144.87 9.47 -32.34	142.56 9.24 -41.83	154.79 11.92 -24.80	155.80 11.78 -31.80	153.99 10.56 -41.91	155.29 8.79 -62.80	155.25 9.01 -60.40	150.57 7.98 -62.76	192.29 8.14 -102.72	222.73 9.67 -115.41	214.30 8.60 -118.81	188.69 7.17 -109.86	175.48 8.47 -92.64	153.18 8.53 -69.76	127.50 9.69 -37.67	118.71 9.13 -30.14
FRANKLIN_FALL_HYD 24054	88.89 0.53 0.00	81.52 0.24 0.00	81.25 0.24 0.00	85.43 0.26 0.00	89.77 0.62 0.00	82.08 0.49 0.00	90.35 -0.63 -0.37	90.57 -0.18 -0.91	100.97 -2.68 -0.60	90.25 -2.01 -0.77	117.59 -0.94 -0.46	110.78 -1.68 -0.24	100.86 -1.02 -0.35	82.53 -1.84 -0.66	84.26 -2.23 -0.65	78.91 -1.84 -0.92	80.27 -2.36 -1.20	95.57 -3.42 -1.34	84.96 -3.39 -1.46	72.58 -0.64 -1.56	75.46 0.07 -1.01	75.45 -0.30 -0.87	80.21 -0.64 -0.71	79.29 -0.71 -0.57
FREEPORT_EQUS_GT1 23764	99.88 7.25 -4.28	97.47 6.17 -10.03	95.60 5.84 -8.75	95.79 5.96 -4.66	96.21 6.86 -0.20	109.21 4.40 -23.21	116.26 5.25 -20.39	146.09 5.93 -50.33	143.64 8.25 -32.34	141.46 8.14 -41.83	153.73 10.86 -24.80	154.80 10.77 -31.80	153.08 9.65 -41.91	154.29 7.79 -62.80	154.22 7.98 -60.40	149.69 7.10 -62.76	191.48 7.33 -102.72	221.75 8.69 -115.42	213.43 7.73 -118.81	187.98 6.45 -109.86	174.74 7.73 -92.64	152.66 8.02 -69.76	126.62 8.82 -37.67	117.84 8.26 -30.14
FREEPORT___CT2 23818	99.88 7.25 -4.28	97.47 6.17 -10.03	95.60 5.84 -8.75	95.79 5.96 -4.66	96.21 6.86 -0.20	109.21 4.40 -23.21	116.26 5.25 -20.39	146.09 5.93 -50.33	143.64 8.25 -32.34	141.46 8.14 -41.83	153.73 10.86 -24.80	154.80 10.77 -31.80	153.08 9.65 -41.91	154.29 7.79 -62.80	154.22 7.98 -60.40	149.69 7.10 -62.76	191.48 7.33 -102.72	221.75 8.69 -115.42	213.43 7.73 -118.81	187.98 6.45 -109.86	174.74 7.73 -92.64	152.66 8.02 -69.76	126.62 8.82 -37.67	117.84 8.26 -30.14
FRESHKLS_33_KV_LOAD 356253	98.91 6.27 -4.28	96.74 5.45 -10.02	94.78 5.02 -8.75	95.02 5.20 -4.66	95.14 5.79 -0.20	108.72 3.92 -23.21	115.85 4.89 -20.34	145.80 5.75 -50.22	142.56 7.11 -32.39	140.06 6.68 -41.89	256.18 9.45 -128.65	134.89 9.54 -13.13	128.99 8.53 -18.94	126.81 7.12 -35.99	128.56 7.30 -35.43	132.40 6.39 -46.18	123.11 6.35 -35.33	123.52 7.81 -18.07	123.50 6.95 -29.67	123.33 5.80 -45.87	125.87 6.99 -44.51	123.13 7.04 -41.21	125.35 7.53 -37.68	116.72 7.15 -30.13
FULTON COGEN____ 23766	86.33 -2.39 -0.35	79.91 -2.19 -0.83	79.55 -2.19 -0.72	83.17 -2.38 -0.39	86.57 -2.59 -0.02	81.31 -2.20 -1.92	89.86 -2.45 -1.69	91.69 -2.34 -4.18	102.86 -2.78 -2.59	92.28 -2.56 -3.35	116.64 -3.42 -1.98	110.02 -3.25 -1.05	100.10 -2.94 -1.52	84.33 -2.88 -2.88	86.35 -2.32 -2.84	81.73 -2.08 -3.98	84.61 -2.04 -5.22	101.13 -2.34 -5.83	91.21 -2.00 -6.33	76.63 -1.79 -6.76	77.07 -1.71 -4.41	76.85 -1.80 -3.77	81.30 -1.92 -3.09	80.00 -1.91 -2.47
FULTON___LFGE 323630	101.02 6.45 -6.21	101.53 5.69 -14.57	99.39 5.67 -12.72	97.74 5.79 -6.77	95.94 6.50 -0.29	121.12 5.79 -33.73	127.56 7.34 -29.60	170.32 7.37 -73.11	158.07 7.94 -47.08	158.71 6.31 -60.91	161.82 7.67 -36.08	137.84 6.51 -19.11	134.67 5.58 -27.56	140.79 4.68 -52.39	142.30 4.89 -51.58	157.72 5.50 -72.39	182.95 6.52 -95.01	211.98 8.20 -106.13	209.42 7.47 -115.06	200.58 6.02 -122.89	159.19 6.62 -78.20	148.35 6.66 -66.81	141.54 6.57 -54.83	129.56 6.27 -43.84
G.F.CEMENT___DRP 24184	101.37 7.25 -5.76	101.28 6.50 -13.51	99.36 6.56 -11.79	98.18 6.73 -6.28	96.90 7.49 -0.27	119.15 6.28 -31.28	125.64 7.61 -27.41	165.13 7.55 -67.75	155.50 8.76 -43.69	155.60 7.59 -56.52	161.12 9.56 -33.48	138.71 8.75 -17.73	134.82 7.72 -25.57	138.60 6.28 -48.61	140.13 6.44 -47.86	153.30 6.31 -67.17	176.42 6.84 -88.16	204.52 8.40 -98.48	201.12 7.47 -106.76	191.71 6.02 -114.03	153.85 6.92 -72.56	143.68 6.81 -61.99	137.79 6.81 -50.84	126.69 6.59 -40.65
GARDENVILLE___LBMP 24039	81.32 -7.78 -0.74	76.17 -6.83 -1.73	75.87 -6.64 -1.51	79.16 -6.81 -0.80	82.58 -6.60 -0.03	79.06 -6.53 -4.00	86.34 -7.79 -3.52	87.46 -9.25 -6.87	96.50 -11.13 -4.57	87.43 -9.97 -5.91	108.00 -13.58 -3.50	100.84 -13.24 -1.86	92.22 -11.98 -2.68	78.58 -10.21 -5.08	80.45 -10.39 -5.01	77.67 -9.18 -7.02	81.28 -9.36 -9.22	96.90 -11.03 -10.29	88.32 -9.73 -11.16	75.49 -8.10 -11.92	73.46 -8.55 -7.64	72.80 -8.61 -6.53	78.11 -8.73 -6.71	77.18 -7.63 -5.36
GARDNVLA_35_KV_LD 355827	81.50 -7.60 -0.74	76.35 -6.66 -1.74	76.05 -6.48 -1.52	79.25 -6.73 -0.81	82.85 -6.33 -0.03	79.26 -6.36 -4.03	86.64 -7.52 -3.55	87.76 -9.07 -6.99	96.88 -10.82 -4.65	87.80 -9.70 -6.01	108.41 -13.22 -3.56	101.21 -12.91 -1.89	92.57 -11.68 -2.72	78.92 -9.96 -5.17	80.79 -10.13 -5.09	78.03 -8.94 -7.14	81.67 -9.12 -9.37	97.37 -10.74 -10.46	88.76 -9.47 -11.34	75.90 -7.88 -12.12	73.81 -8.33 -7.77	73.13 -8.39 -6.64	78.32 -8.57 -6.76	77.38 -7.47 -5.40
GELCKHM___115KV_LOAD 80723	87.08 -1.68 -0.41	80.68 -1.54 -0.95	80.38 -1.46 -0.83	83.99 -1.62 -0.44	87.38 -1.78 -0.02	82.24 -1.55 -2.20	91.64 -0.91 -1.93	93.72 -0.90 -4.78	104.71 -1.55 -3.20	94.16 -1.46 -4.14	118.52 -2.01 -2.45	111.50 -2.02 -1.30	101.57 -1.83 -1.87	85.93 -1.34 -3.56	87.96 -1.37 -3.50	83.55 -1.20 -4.92	86.74 -1.14 -6.45	103.58 -1.27 -7.21	93.57 -1.13 -7.81	79.01 -1.00 -8.35	79.04 -0.89 -5.56	78.66 -0.97 -4.75	82.91 -1.12 -3.90	81.52 -1.03 -3.12
GENERAL___MILLS 23808	81.41 -7.69 -0.74	76.26 -6.75 -1.74	75.96 -6.56 -1.52	79.16 -6.81 -0.81	82.76 -6.42 -0.03	79.17 -6.45 -4.02	86.45 -7.70 -3.54	87.63 -9.16 -6.96	96.66 -11.03 -4.63	87.59 -9.88 -5.98	108.28 -13.34 -3.54	101.08 -13.02 -1.88	92.46 -11.78 -2.71	78.81 -10.05 -5.15	80.60 -10.30 -5.07	77.83 -9.10 -7.11	81.55 -9.20 -9.33	97.12 -10.94 -10.42	88.62 -9.56 -11.29	75.70 -8.03 -12.06	73.63 -8.48 -7.74	72.95 -8.54 -6.61	78.23 -8.65 -6.74	77.29 -7.55 -5.39
GE_PLASTICS___DRP 24183	97.28 3.36 -5.57	97.41 3.09 -13.05	95.56 3.16 -11.39	94.56 3.32 -6.07	92.88 3.48 -0.26	114.17 2.37 -30.21	119.09 1.99 -26.48	156.90 1.62 -65.45	146.88 1.85 -41.97	147.43 1.65 -54.29	152.24 2.01 -32.16	131.16 1.91 -17.03	127.82 1.73 -24.57	131.83 1.42 -46.70	133.27 1.46 -45.97	145.71 1.36 -64.53	167.50 1.38 -84.69	193.90 1.66 -94.60	190.93 1.48 -102.56	182.35 1.15 -109.54	146.01 1.93 -69.71	136.38 1.95 -59.55	131.38 2.40 -48.84	120.96 2.46 -39.05
GILBOA___1 23756	95.91 3.18 -4.38	94.70 3.17 -10.26	93.05 3.08 -8.96	93.18 3.24 -4.77	92.55 3.20 -0.20	107.32 1.95 -23.77	113.76 2.27 -20.88	143.62 2.25 -51.54	138.95 2.78 -33.11	136.80 2.47 -42.84	146.75 3.30 -25.37	128.80 3.14 -13.44	123.75 2.84 -19.38	122.90 2.34 -36.85	124.51 2.40 -36.27	132.97 2.23 -50.91	150.28 2.04 -66.82	174.62 2.34 -74.64	169.98 2.17 -80.92	159.88 1.79 -86.43	132.04 2.67 -55.00	124.56 2.69 -46.98	121.60 2.88 -38.58	113.07 2.78 -30.85
GILBOA___2 23757	95.91 3.18 -4.38	94.70 3.17 -10.26	93.05 3.08 -8.96	93.18 3.24 -4.77	92.55 3.20 -0.20	107.32 1.95 -23.77	113.76 2.27 -20.88	143.62 2.25 -51.54	138.95 2.78 -33.11	136.80 2.47 -42.84	146.75 3.30 -25.37	128.80 3.14 -13.44	123.75 2.84 -19.38	122.90 2.34 -36.85	124.51 2.40 -36.27	132.97 2.23 -50.91	150.28 2.04 -66.82	174.62 2.34 -74.64	169.98 2.17 -80.92	159.88 1.79 -86.43	132.04 2.67 -55.00	124.56 2.69 -46.98	121.60 2.88 -38.58	113.07 2.78 -30.85

GILBOA___3 23758	95.91 3.18 -4.38	94.70 3.17 -10.26	93.05 3.08 -8.96	93.18 3.24 -4.77	92.55 3.20 -0.20	107.32 1.95 -23.77	113.76 2.27 -20.88	143.62 2.25 -51.54	138.95 2.78 -33.11	136.80 2.47 -42.84	146.75 3.30 -25.37	128.80 3.14 -13.44	123.75 2.84 -19.38	122.90 2.34 -36.85	124.51 2.40 -36.27	132.97 2.23 -50.91	150.28 2.04 -66.82	174.62 2.34 -74.64	169.98 2.17 -80.92	159.88 1.79 -86.43	132.04 2.67 -55.00	124.56 2.69 -46.98	121.60 2.88 -38.58	113.07 2.78 -30.85
GILBOA___4 23759	95.91 3.18 -4.38	94.70 3.17 -10.26	93.05 3.08 -8.96	93.18 3.24 -4.77	92.55 3.20 -0.20	107.32 1.95 -23.77	113.76 2.27 -20.88	143.62 2.25 -51.54	138.95 2.78 -33.11	136.80 2.47 -42.84	146.75 3.30 -25.37	128.80 3.14 -13.44	123.75 2.84 -19.38	122.90 2.34 -36.85	124.51 2.40 -36.27	132.97 2.23 -50.91	150.28 2.04 -66.82	174.62 2.34 -74.64	169.98 2.17 -80.92	159.88 1.79 -86.43	132.04 2.67 -55.00	124.56 2.69 -46.98	121.60 2.88 -38.58	113.07 2.78 -30.85
GILBOA___ 23599	95.92 3.18 -4.38	94.71 3.17 -10.26	93.05 3.08 -8.96	93.18 3.24 -4.77	92.56 3.21 -0.20	107.32 1.96 -23.77	113.71 2.27 -20.83	143.50 2.25 -51.42	138.95 2.78 -33.12	136.80 2.47 -42.84	146.76 3.31 -25.38	128.81 3.14 -13.44	123.76 2.84 -19.39	122.91 2.34 -36.85	124.52 2.40 -36.28	132.98 2.24 -50.92	150.29 2.04 -66.83	174.64 2.34 -74.65	169.99 2.17 -80.93	159.90 1.79 -86.44	132.05 2.68 -55.00	124.56 2.70 -46.99	121.61 2.88 -38.59	113.08 2.78 -30.85
GINNA___ 23603	81.81 -7.07 -0.53	76.25 -6.26 -1.24	75.77 -6.32 -1.08	79.01 -6.73 -0.58	81.59 -7.58 -0.02	78.34 -6.12 -2.87	86.41 -6.80 -2.59	89.10 -7.36 -6.63	98.50 -8.86 -4.31	89.02 -8.05 -5.58	110.52 -10.86 -3.30	103.54 -10.43 -1.75	94.71 -9.34 -2.52	80.63 -7.87 -4.80	82.49 -8.07 -4.72	79.27 -7.18 -6.63	82.80 -7.33 -8.70	98.67 -8.69 -9.72	89.78 -7.65 -10.54	76.54 -6.38 -11.25	74.82 -6.69 -7.15	74.10 -6.89 -6.11	77.93 -7.05 -4.85	76.88 -6.43 -3.88
GLEN PARK___ 23778	88.85 0.27 -0.23	81.98 0.16 -0.54	81.72 0.24 -0.47	85.68 0.26 -0.25	89.51 0.36 -0.01	83.63 0.73 -1.31	93.20 1.45 -1.14	94.54 1.89 -2.81	106.55 1.64 -1.85	95.16 1.28 -2.39	121.02 1.53 -1.42	114.32 1.35 -0.75	103.73 1.12 -1.08	86.69 0.92 -2.06	88.89 1.03 -2.03	83.87 1.20 -2.84	86.78 1.63 -3.73	104.35 2.53 -4.17	93.23 1.83 -4.52	77.85 1.36 -4.83	78.79 1.49 -2.94	78.58 1.19 -2.51	83.16 0.97 -2.06	81.88 0.79 -1.65
GLENDALE_27_KV_LOAD 356172	99.00 6.36 -4.28	96.82 5.53 -10.02	94.95 5.18 -8.75	95.28 5.45 -4.66	95.31 5.97 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.91 7.52 -32.34	140.46 7.14 -41.83	157.01 10.39 -28.54	135.79 10.44 -13.13	129.91 9.44 -18.94	127.48 7.78 -35.99	129.25 7.08 -35.43	136.58 7.02 -49.72	153.77 7.08 -65.26	179.03 8.49 -72.90	173.48 7.56 -79.03	162.38 6.31 -84.41	151.94 7.29 -70.28	128.26 7.49 -45.89	125.91 8.09 -37.68	117.27 7.71 -30.13
GLENWOOD_IC_1_G5 23712	99.17 6.54 -4.28	96.91 5.61 -10.03	95.11 5.35 -8.75	95.37 5.54 -4.66	95.58 6.24 -0.20	108.31 3.51 -23.21	115.67 4.71 -20.34	145.45 5.39 -50.22	142.61 7.21 -32.34	140.37 7.04 -41.84	152.68 9.80 -24.80	153.79 9.76 -31.80	152.17 8.73 -41.91	153.79 7.28 -62.80	153.63 7.38 -60.41	149.14 6.55 -62.77	190.75 6.60 -102.73	220.98 7.91 -115.43	212.74 7.04 -118.82	187.34 5.80 -109.87	173.85 6.84 -92.64	151.61 6.96 -69.77	125.26 7.45 -37.68	117.29 7.71 -30.14
GLENWOOD_IC_2_G1 23688	98.73 6.09 -4.28	96.58 5.28 -10.03	94.70 4.94 -8.75	95.03 5.20 -4.66	95.13 5.79 -0.20	108.64 3.84 -23.21	115.89 4.89 -20.39	145.74 5.57 -50.33	142.71 7.32 -32.34	140.27 6.95 -41.83	152.43 9.56 -24.80	153.56 9.53 -31.80	152.06 8.62 -41.91	153.62 7.11 -62.80	153.53 7.29 -60.40	149.05 6.46 -62.76	190.74 6.59 -102.72	220.87 7.81 -115.41	212.56 6.86 -118.81	187.33 5.80 -109.86	174.07 7.07 -92.64	151.76 7.12 -69.76	125.58 7.77 -37.67	116.89 7.30 -30.14
GLENWOOD_IC_3_G1 23689	98.73 6.09 -4.28	96.58 5.28 -10.03	94.70 4.94 -8.75	95.03 5.20 -4.66	95.13 5.79 -0.20	108.64 3.84 -23.21	115.89 4.89 -20.39	145.74 5.57 -50.33	142.71 7.32 -32.34	140.27 6.95 -41.83	152.43 9.56 -24.80	153.56 9.53 -31.80	152.06 8.62 -41.91	153.62 7.11 -62.80	153.53 7.29 -60.40	149.05 6.46 -62.76	190.74 6.59 -102.72	220.87 7.81 -115.41	212.56 6.86 -118.81	187.33 5.80 -109.86	174.07 7.07 -92.64	151.76 7.12 -69.76	125.58 7.77 -37.67	116.89 7.30 -30.14
GLENWOOD___4 23550	99.17 6.54 -4.28	96.91 5.61 -10.03	95.11 5.35 -8.75	95.37 5.54 -4.66	95.58 6.24 -0.20	108.48 3.67 -23.21	115.85 4.89 -20.34	145.63 5.57 -50.22	142.81 7.42 -32.34	140.65 7.32 -41.84	152.91 10.04 -24.80	154.01 9.99 -31.80	152.47 9.04 -41.91	153.96 7.45 -62.80	153.88 7.64 -60.41	149.30 6.71 -62.77	190.91 6.76 -102.73	221.27 8.20 -115.43	212.92 7.21 -118.82	187.56 6.02 -109.87	174.00 6.99 -92.64	151.76 7.11 -69.77	125.42 7.61 -37.68	117.29 7.71 -30.14
GLENWOOD___5 23614	99.17 6.54 -4.28	96.91 5.61 -10.03	95.11 5.35 -8.75	95.37 5.54 -4.66	95.58 6.24 -0.20	108.48 3.67 -23.21	115.85 4.89 -20.34	145.63 5.57 -50.22	142.81 7.42 -32.34	140.65 7.32 -41.84	152.91 10.04 -24.80	154.01 9.99 -31.80	152.47 9.04 -41.91	153.96 7.45 -62.80	153.88 7.64 -60.41	149.30 6.71 -62.77	190.91 6.76 -102.73	221.27 8.20 -115.43	212.92 7.21 -118.82	187.56 6.02 -109.87	174.00 6.99 -92.64	151.76 7.11 -69.77	125.42 7.61 -37.68	117.29 7.71 -30.14
GLOBAL GREEN_PORT_GT1 23814	101.82 9.19 -4.28	99.18 7.88 -10.03	97.21 7.45 -8.75	97.41 7.58 -4.66	98.17 8.83 -0.20	111.00 6.20 -23.21	119.16 8.16 -20.39	148.98 8.81 -50.33	147.85 12.46 -32.34	145.67 12.35 -41.83	159.63 16.76 -24.80	160.52 16.50 -31.80	158.36 14.93 -41.91	159.15 12.64 -62.80	159.45 13.21 -60.40	154.72 12.13 -62.76	197.01 12.86 -102.72	228.50 15.42 -115.43	218.99 13.29 -118.81	192.13 10.60 -109.86	178.83 11.83 -92.64	156.17 11.53 -69.76	129.51 11.70 -37.67	120.70 11.12 -30.14
GLOBE___DSASP 323697	79.41 -9.63 -0.68	74.42 -8.45 -1.60	74.06 -8.34 -1.40	77.31 -8.60 -0.74	79.28 -9.89 -0.03	76.82 -8.49 -3.71	83.55 -10.33 -3.27	83.77 -12.13 -6.06	92.35 -14.74 -4.03	83.62 -13.08 -5.21	103.10 -18.07 -3.09	96.35 -17.51 -1.64	87.95 -15.94 -2.36	74.80 -13.39 -4.48	76.60 -13.65 -4.41	73.97 -12.05 -6.19	77.34 -12.21 -8.12	91.97 -14.74 -9.08	83.87 -12.86 -9.84	71.49 -10.68 -10.51	70.03 -11.08 -6.75	69.64 -11.01 -5.76	75.70 -10.66 -6.22	75.12 -9.29 -4.98
GOETHSLN___LBMP 323567	97.76 5.12 -4.28	95.69 4.39 -10.02	93.89 4.13 -8.75	94.17 4.34 -4.66	94.16 4.81 -0.20	107.98 3.18 -23.21	115.03 4.08 -20.34	144.90 4.85 -50.21	141.67 6.29 -32.33	139.26 5.95 -41.83	151.59 8.74 -24.78	134.10 8.75 -13.12	128.27 7.82 -18.93	126.22 6.53 -35.98	127.95 6.70 -35.42	131.67 5.67 -46.17	122.45 5.70 -35.32	110.15 6.84 -5.67	104.65 6.00 -11.77	122.42 5.02 -45.74	124.89 6.02 -44.50	90.42 6.22 -9.32	124.70 6.89 -37.67	116.15 6.59 -30.12
GOLAH___69_KV_TB 1_2 80279	84.49 -4.42 -0.55	78.75 -3.82 -1.30	78.42 -3.73 -1.13	81.94 -3.83 -0.60	84.35 -4.81 -0.03	81.01 -3.59 -3.01	89.09 -4.17 -2.64	91.14 -5.30 -6.60	100.71 -6.70 -4.35	90.99 -6.13 -5.63	112.32 -9.09 -3.33	105.24 -8.75 -1.77	96.16 -7.92 -2.55	81.69 -6.86 -4.84	83.74 -6.87 -4.77	80.45 -6.07 -6.69	84.18 -6.03 -8.78	100.52 -6.93 -9.81	91.53 -6.00 -10.63	77.93 -5.09 -11.36	76.26 -5.43 -7.32	75.67 -5.47 -6.26	80.09 -5.13 -5.08	79.05 -4.45 -4.06

GOODYEAR_LAKE_HYD 323669	93.27 3.53 -1.38	87.76 3.25 -3.23	87.07 3.24 -2.82	90.08 3.41 -1.50	92.86 3.65 -0.06	92.02 2.94 -7.49	101.17 3.99 -6.56	110.04 4.13 -16.07	118.42 4.84 -10.52	109.31 4.21 -13.61	131.57 5.43 -8.06	121.66 5.16 -4.27	112.16 4.47 -6.16	99.19 3.77 -11.71	101.23 3.86 -11.53	99.68 3.67 -16.18	106.73 4.07 -21.24	126.35 4.98 -23.72	117.04 4.43 -25.72	102.57 3.44 -27.47	95.70 3.87 -17.47	93.62 3.82 -14.92	96.41 3.93 -12.35	93.13 3.81 -9.88
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	89.16 -0.62 -1.43	84.13 -0.49 -3.34	83.52 -0.41 -2.92	86.30 -0.43 -1.55	89.12 -0.09 -0.07	88.76 -0.57 -7.74	97.13 -0.27 -6.79	105.75 -0.45 -16.36	113.40 -0.52 -10.86	104.99 -0.55 -14.05	125.45 -0.94 -8.32	115.73 -0.90 -4.41	107.07 -0.81 -6.36	95.21 -0.59 -12.09	97.22 -0.52 -11.90	96.05 -0.48 -16.70	103.02 -0.33 -21.92	121.83 -0.29 -24.48	113.17 -0.26 -26.54	99.72 -0.29 -28.35	92.23 -0.15 -18.01	89.97 -0.30 -15.39	92.66 -0.40 -12.92	89.62 -0.16 -10.33
GOUDEY___7 23579	89.16 -0.62 -1.43	84.13 -0.49 -3.34	83.52 -0.41 -2.92	86.30 -0.43 -1.55	89.12 -0.09 -0.07	88.76 -0.57 -7.74	97.13 -0.27 -6.79	105.75 -0.45 -16.36	113.40 -0.52 -10.86	104.99 -0.55 -14.05	125.45 -0.94 -8.32	115.73 -0.90 -4.41	107.07 -0.81 -6.36	95.21 -0.59 -12.09	97.22 -0.52 -11.90	96.05 -0.48 -16.70	103.02 -0.33 -21.92	121.83 -0.29 -24.48	113.17 -0.26 -26.54	99.72 -0.29 -28.35	92.23 -0.15 -18.01	89.97 -0.30 -15.39	92.66 -0.40 -12.92	89.62 -0.16 -10.33
GOUDEY___8 23580	89.16 -0.62 -1.43	84.13 -0.49 -3.34	83.52 -0.41 -2.92	86.30 -0.43 -1.55	89.12 -0.09 -0.07	88.76 -0.57 -7.74	97.13 -0.27 -6.79	105.75 -0.45 -16.36	113.40 -0.52 -10.86	104.99 -0.55 -14.05	125.45 -0.94 -8.32	115.73 -0.90 -4.41	107.07 -0.81 -6.36	95.21 -0.59 -12.09	97.22 -0.52 -11.90	96.05 -0.48 -16.70	103.02 -0.33 -21.92	121.83 -0.29 -24.48	113.17 -0.26 -26.54	99.72 -0.29 -28.35	92.23 -0.15 -18.01	89.97 -0.30 -15.39	92.66 -0.40 -12.92	89.62 -0.16 -10.33
GOWANUS_GT1_1 24077	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT1_2 24078	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT1_3 24079	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT1_4 24080	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT1_5 24084	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT1_6 24111	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT1_7 24112	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT1_8 24113	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT2_1 24114	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
GOWANUS_GT2_2 24115	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
GOWANUS_GT2_3 24116	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13

GOWANUS_GT2_4 24117	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
GOWANUS_GT2_5 24118	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
GOWANUS_GT2_6 24119	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
GOWANUS_GT2_7 24120	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
GOWANUS_GT2_8 24121	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
GOWANUS_GT3_1 24122	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
GOWANUS_GT3_2 24123	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.4									

GOWANUS_GT4_3 24132	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT4_4 24133	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT4_5 24134	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT4_6 24135	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT4_7 24136	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GOWANUS_GT4_8 24137	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GREENBSH_115KV_TB3 55895	97.57 3.62 -5.59	97.72 3.33 -13.11	95.94 3.48 -11.45	94.93 3.66 -6.10	93.24 3.83 -0.26	114.65 2.69 -30.36	119.04 1.81 -26.61	156.68 1.08 -65.77	146.45 1.24 -42.16	147.13 1.10 -54.54	151.56 1.18 -32.30	130.46 1.12 -17.11	127.22 1.02 -24.68	131.46 0.84 -46.91	132.88 0.86 -46.18	145.45 0.80 -64.82	167.31 0.81 -85.07	193.65 0.98 -95.03	190.78 0.87 -103.03	182.35 0.64 -110.04	145.80 1.41 -70.02	136.20 1.50 -59.82	131.36 2.16 -49.06	120.97 2.30 -39.23
GREENDGE_115KV_TB5 80291	86.50 -2.74 -0.88	81.56 -1.79 -2.07	81.12 -1.70 -1.81	84.34 -1.79 -0.96	86.87 -2.32 -0.04	84.84 -1.55 -4.80	93.47 -1.36 -4.21	98.61 -1.17 -9.94	107.83 -1.85 -6.63	97.87 -2.20 -8.57	118.55 -4.60 -5.08	110.31 -4.60 -2.69	101.25 -4.16 -3.88	88.32 -2.76 -7.38	90.35 -2.75 -7.26	88.02 -2.00 -10.19	92.76 -2.04 -13.37	109.85 -2.73 -14.94	100.82 -2.26 -16.20	87.67 -1.29 -17.30	84.22 -1.26 -11.12	82.81 -1.57 -9.50	86.20 -2.08 -8.15	84.37 -1.59 -6.51
GREENIDGE___3 23582	86.50 -2.74 -0.88	81.56 -1.79 -2.07	81.12 -1.70 -1.81	84.34 -1.79 -0.96	86.87 -2.32 -0.04	84.84 -1.55 -4.80	93.47 -1.36 -4.21	98.61 -1.17 -9.94	107.83 -1.85 -6.63	97.87 -2.20 -8.57	118.55 -4.60 -5.08	110.31 -4.60 -2.69	101.25 -4.16 -3.88	88.32 -2.76 -7.38	90.35 -2.75 -7.26	88.02 -2.00 -10.19	92.76 -2.04 -13.37	109.85 -2.73 -14.94	100.82 -2.26 -16.20	87.67 -1.29 -17.30	84.22 -1.26 -11.12	82.81 -1.57 -9.50	86.20 -2.08 -8.15	84.37 -1.59 -6.51
GREENIDGE___4 23583	86.59 -2.65 -0.88	81.56 -1.79 -2.07	81.11 -1.71 -1.81	84.26 -1.87 -0.96	87.14 -2.05 -0.04	85.18 -1.22 -4.81	93.61 -1.36 -4.35	98.95 -1.17 -10.28	107.90 -1.85 -6.70	97.95 -2.20 -8.66	118.60 -4.61 -5.13	110.33 -4.61 -2.72	101.28 -4.17 -3.92	88.40 -2.76 -7.45	90.42 -2.75 -7.33	88.20 -1.92 -10.29	92.90 -2.03 -13.51	110.00 -2.73 -15.09	100.99 -2.26 -16.36	87.85 -1.29 -17.47	83.91 -1.57 -11.11	82.72 -1.65 -9.49	86.03 -2.24 -8.14	84.04 -1.91 -6.51
GREENLWN_69_KV_BK 3 55738	99.44 6.80 -4.28	97.07 5.77 -10.03	95.19 5.43 -8.75	95.28 5.45 -4.66	95.76 6.42 -0.20	108.64 3.83 -23.21	116.22 5.26 -20.34	145.72 5.66 -50.22	143.43 8.04 -32.34	141.65 8.33 -41.84	153.15 10.27 -24.80	154.01 9.99 -31.80	152.57 9.14 -41.91	153.96 7.45 -62.80	153.97 7.73 -60.41	149.62 7.02 -62.77	191.07 6.92 -102.73	221.47 8.40 -115.43	213.10 7.39 -118.82	187.70 6.16 -109.87	174.15 7.14 -92.64	151.98 7.34 -69.77	126.39 8.57 -37.68	117.92 8.34 -30.14
GREENWD_138_KV_38B11_REV_LBMP_J 345004	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13
GRISSOM___SOLAR 323813	100.79 6.27 -6.16	101.31 5.60 -14.44	99.20 5.59 -12.60	97.59 5.71 -6.71	95.76 6.33 -0.29	120.58 5.55 -33.43	126.94 6.98 -29.34	169.32 7.01 -72.47	157.35 7.63 -46.67	157.99 6.13 -60.37	161.40 7.56 -35.76	137.67 6.51 -18.94	134.43 5.58 -27.32	140.24 4.60 -51.93	141.76 4.80 -51.12	156.93 5.35 -71.75	181.78 6.19 -94.17	210.65 7.81 -105.20	208.06 7.13 -114.05	199.21 5.74 -121.81	158.20 6.32 -77.51	147.46 6.36 -66.22	140.81 6.33 -54.35	128.93 6.03 -43.46
GROVEVILLE___HYD 323602	99.27 6.63 -4.28	97.16 5.85 -10.04	95.36 5.59 -8.76	95.80 5.96 -4.67	95.76 6.42 -0.20	109.73 4.90 -23.24	116.87 5.89 -20.37	146.41 6.29 -50.28	143.26 7.83 -32.38	140.42 7.04 -41.88	152.45 9.56 -24.81	134.90 9.54 -13.14	128.81 8.33 -18.95	126.68 6.95 -36.03	128.43 7.12 -35.47	135.91 6.31 -49.78	153.27 6.51 -65.33	178.73 8.10 -72.98	173.22 7.21 -79.12	162.04 5.88 -84.50	134.98 6.84 -53.77	127.71 6.89 -45.94	125.23 7.37 -37.72	116.59 6.99 -30.16
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	87.84 -0.97 -0.45	81.44 -0.89 -1.06	81.05 -0.89 -0.93	84.73 -0.94 -0.49	88.00 -1.16 -0.02	83.15 -0.90 -2.46	93.32 0.54 -2.16	95.72 0.54 -5.34	106.32 -0.31 -3.58	95.66 -0.46 -4.63	119.99 -0.83 -2.74	112.89 -0.79 -1.45	102.91 -0.71 -2.09	87.27 -0.42 -3.98	89.41 -0.34 -3.92	85.01 -0.32 -5.50	88.40 -0.24 -7.22	105.61 -0.10 -8.07	95.54 -0.09 -8.74	80.86 -0.14 -9.34	80.67 -0.07 -6.38	80.18 -0.15 -5.45	84.36 -0.24 -4.47	82.85 -0.16 -3.57

HAMLTNNY_34_KV_TB 80303	87.87 -0.97 -0.48	81.51 -0.89 -1.13	81.19 -0.81 -0.99	84.76 -0.94 -0.53	88.01 -1.16 -0.02	83.40 -0.82 -2.62	94.28 1.36 -2.30	96.87 1.35 -5.69	106.88 0.00 -3.83	96.26 -0.18 -4.95	120.54 -0.47 -2.93	113.33 -0.45 -1.55	103.36 -0.41 -2.24	87.80 -0.17 -4.26	89.94 -0.09 -4.19	85.63 -0.08 -5.88	89.23 0.08 -7.72	106.46 0.20 -8.62	96.50 0.26 -9.35	81.72 0.07 -9.98	81.52 0.22 -6.93	80.87 0.07 -5.92	84.99 0.00 -4.85	83.40 0.08 -3.88
HAMPSHIRE___PAPER_HYD 323593	86.44 -2.03 -0.11	79.59 -1.95 -0.27	79.30 -1.95 -0.23	83.34 -1.96 -0.12	87.19 -1.96 -0.01	80.72 -1.63 -0.76	89.29 -1.99 -0.67	89.79 -1.71 -1.66	100.95 -3.20 -1.09	90.34 -2.56 -1.41	115.96 -2.95 -0.84	109.64 -3.02 -0.44	99.63 -2.53 -0.64	82.33 -2.60 -1.21	84.28 -2.75 -1.19	79.03 -2.48 -1.68	80.86 -2.77 -2.20	96.68 -3.42 -2.46	86.07 -3.48 -2.66	72.50 -2.01 -2.84	74.14 -1.71 -1.48	74.42 -1.72 -1.26	79.09 -2.08 -1.04	78.04 -2.22 -0.83
HARDSCRABBLE_WT_PWR 323673	91.80 3.44 0.00	84.36 3.09 0.00	84.17 3.16 0.00	88.49 3.32 0.00	92.71 3.57 0.00	84.69 3.10 0.00	94.06 3.44 0.00	93.25 3.41 0.00	106.87 3.82 0.00	94.97 3.48 0.00	122.80 4.73 0.00	116.72 4.49 0.00	105.48 3.96 0.00	86.81 3.10 0.00	88.92 3.09 0.00	82.54 2.72 0.00	83.95 2.53 0.00	100.48 2.83 0.00	89.14 2.26 0.00	73.31 1.65 0.00	76.23 1.86 0.00	76.60 1.72 0.00	81.90 1.76 0.00	81.19 1.75 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	97.50 5.12 -4.01	95.15 4.47 -9.41	93.52 4.29 -8.21	94.06 4.51 -4.37	94.23 4.90 -0.19	106.89 3.51 -21.79	114.06 4.35 -19.09	141.91 4.94 -47.13	139.69 6.29 -30.35	136.52 5.76 -39.27	149.25 7.91 -23.26	132.40 7.86 -12.32	126.30 7.01 -17.77	123.35 5.86 -33.78	125.10 6.01 -33.25	131.77 5.27 -46.67	148.13 5.46 -61.25	172.71 6.64 -68.42	166.98 5.91 -74.18	155.77 4.87 -79.23	130.51 5.73 -50.41	123.71 5.77 -43.07	121.67 6.17 -35.37	113.52 5.80 -28.28
HARSNRAD_115KV_TB1 81005	80.02 -9.01 -0.67	74.80 -8.05 -1.57	74.61 -7.78 -1.37	77.81 -8.09 -0.73	80.26 -8.91 -0.03	77.40 -7.83 -3.65	84.49 -9.33 -3.21	85.18 -11.05 -6.39	93.90 -13.40 -4.25	84.99 -11.99 -5.49	104.80 -16.53 -3.25	97.90 -16.05 -1.72	89.39 -14.62 -2.49	76.12 -12.31 -4.72	77.95 -12.53 -4.65	75.33 -11.02 -6.52	78.75 -11.24 -8.56	93.82 -13.38 -9.56	85.52 -11.73 -10.36	72.98 -9.75 -11.07	71.29 -10.19 -7.11	70.85 -10.11 -6.07	76.32 -9.94 -6.12	75.60 -8.74 -4.89
HARZA MOOSE___RIVER 24016	89.83 1.33 -0.14	82.75 1.14 -0.34	82.52 1.22 -0.29	86.69 1.36 -0.16	90.66 1.52 -0.01	83.92 1.55 -0.78	93.34 1.99 -0.73	93.79 2.16 -1.80	106.41 2.16 -1.19	94.86 1.83 -1.54	121.47 2.48 -0.91	114.95 2.24 -0.48	104.26 2.03 -0.70	86.63 1.59 -1.33	88.77 1.63 -1.31	83.26 1.60 -1.83	85.30 1.47 -2.41	102.19 1.86 -2.69	91.11 1.30 -2.92	75.85 1.07 -3.11	77.66 1.26 -2.02	77.73 1.12 -1.73	82.60 1.04 -1.42	81.53 0.95 -1.13
HDSNBRDG_115KV_BRDG_TB1 355580	87.09 -1.68 -0.41	80.69 -1.54 -0.96	80.31 -1.54 -0.84	84.00 -1.62 -0.45	87.29 -1.87 -0.02	82.18 -1.63 -2.22	91.30 -1.27 -1.96	93.41 -1.26 -4.83	104.94 -1.44 -3.32	94.33 -1.46 -4.30	118.62 -2.01 -2.55	111.55 -2.02 -1.35	101.65 -1.83 -1.95	86.07 -1.34 -3.70	88.10 -1.37 -3.64	83.66 -1.28 -5.11	86.91 -1.22 -6.71	103.77 -1.37 -7.49	93.88 -1.13 -8.12	79.27 -1.07 -8.68	79.03 -0.97 -5.63	78.64 -1.05 -4.81	82.96 -1.12 -3.94	81.48 -1.11 -3.15
HELLGATE_13_KV_LD 55870	98.64 6.01 -4.28	96.58 5.28 -10.02	94.70 4.94 -8.75	94.94 5.11 -4.66	95.05 5.71 -0.20	108.64 3.83 -23.21	115.67 4.71 -20.34	145.62 5.57 -50.22	142.29 6.90 -32.34	139.91 6.59 -41.83	156.42 9.80 -28.54	135.23 9.88 -13.13	129.40 8.93 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.18 6.63 -49.72	153.28 6.60 -65.26	178.45 7.91 -72.90	172.95 7.04 -79.03	161.95 5.88 -84.41	151.48 6.84 -70.27	127.81 7.04 -45.89	125.59 7.77 -37.68	117.04 7.47 -30.13
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	98.64 6.01 -4.28	96.58 5.28 -10.02	94.70 4.94 -8.75	94.94 5.11 -4.66	95.05 5.71 -0.20	108.64 3.83 -23.21	115.67 4.71 -20.34	145.62 5.57 -50.22	142.29 6.90 -32.34	139.91 6.59 -41.83	156.42 9.80 -28.54	135.23 9.88 -13.13	129.40 8.93 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.18 6.63 -49.72	153.28 6.60 -65.26	178.45 7.91 -72.90	172.95 7.04 -79.03	161.95 5.88 -84.41	151.48 6.84 -70.27	127.81 7.04 -45.89	125.59 7.77 -37.68	117.04 7.47 -30.13
HEMPSTEAD____ 23647	99.17 6.54 -4.28	96.83 5.53 -10.03	94.95 5.19 -8.75	95.20 5.37 -4.66	95.49 6.15 -0.20	108.72 3.92 -23.21	115.80 4.80 -20.39	145.65 5.48 -50.33	143.02 7.63 -32.34	140.91 7.59 -41.83	153.03 10.16 -24.80	154.13 10.10 -31.80	152.57 9.14 -41.91	153.95 7.45 -62.80	153.97 7.73 -60.40	149.45 6.87 -62.76	191.15 7.00 -102.72	221.36 8.29 -115.42	213.00 7.30 -118.81	187.61 6.09 -109.86	174.37 7.36 -92.64	152.13 7.49 -69.76	125.99 8.18 -37.67	117.37 7.79 -30.14
HEWLETT_69_KV_BK3 55828	99.97 7.33 -4.28	97.56 6.26 -10.03	95.76 5.99 -8.75	95.88 6.05 -4.66	96.21 6.86 -0.20	109.21 4.41 -23.21	116.76 5.80 -20.34	146.53 6.47 -50.22	144.15 8.76 -32.34	142.02 8.69 -41.84	154.21 11.34 -24.80	155.25 11.22 -31.80	153.59 10.15 -41.91	154.88 8.37 -62.80	154.83 8.58 -60.41	150.26 7.66 -62.77	191.89 7.74 -102.73	222.34 9.28 -115.42	213.87 8.17 -118.82	188.42 7.96 -109.87	174.97 7.96 -92.64	152.73 8.09 -69.77	126.79 8.98 -37.68	118.32 8.74 -30.14
HICKLING___1 23621	87.27 -2.21 -1.13	82.04 -1.87 -2.64	81.61 -1.70 -2.30	84.52 -1.87 -1.23	88.04 -1.16 -0.05	86.07 -1.63 -6.11	94.44 -1.54 -5.36	100.59 -1.80 -12.55	109.28 -2.16 -8.39	100.06 -2.29 -10.86	121.08 -3.42 -6.43	112.26 -3.37 -3.41	103.40 -3.05 -4.91	90.79 -2.26 -9.34	92.71 -2.32 -9.19	90.74 -2.00 -12.90	96.49 -1.87 -16.93	114.51 -2.05 -18.92	105.66 -1.74 -20.51	91.99 -1.58 -21.90	86.70 -1.64 -13.97	84.94 -1.87 -11.93	88.20 -2.24 -10.31	85.86 -1.83 -8.24
HICKLING___2 23622	87.27 -2.21 -1.13	82.04 -1.87 -2.64	81.61 -1.70 -2.30	84.52 -1.87 -1.23	88.04 -1.16 -0.05	86.07 -1.63 -6.11	94.44 -1.54 -5.36	100.59 -1.80 -12.55	109.28 -2.16 -8.39	100.06 -2.29 -10.86	121.08 -3.42 -6.43	112.26 -3.37 -3.41	103.40 -3.05 -4.91	90.79 -2.26 -9.34	92.71 -2.32 -9.19	90.74 -2.00 -12.90	96.49 -1.87 -16.93	114.51 -2.05 -18.92	105.66 -1.74 -20.51	91.99 -1.58 -21.90	86.70 -1.64 -13.97	84.94 -1.87 -11.93	88.20 -2.24 -10.31	85.86 -1.83 -8.24
HIGH FALLS___HY 23754	100.85 8.22 -4.28	98.53 7.23 -10.02	96.73 6.97 -8.75	97.24 7.41 -4.66	97.36 8.02 -0.20	111.32 6.53 -23.21	119.02 8.06 -20.34	148.13 8.09 -50.21	145.15 9.79 -32.31	141.98 8.69 -41.79	154.40 11.57 -24.76	136.67 11.33 -13.11	130.29 9.85 -18.91	127.95 8.29 -35.95	129.81 8.58 -35.39	137.16 7.66 -49.67	154.92 8.31 -65.19	180.82 10.35 -72.82	175.31 9.47 -78.95	163.58 7.60 -84.32	136.43 8.40 -53.66	129.18 8.46 -45.84	126.75 8.98 -37.64	117.88 8.34 -30.09
HIGH_RIVER___SOLAR 323847	98.74 4.42 -5.96	99.23 3.98 -13.97	97.18 3.97 -12.20	95.75 4.09 -6.50	93.88 4.46 -0.28	117.63 3.67 -32.36	123.45 4.44 -28.40	164.47 4.49 -70.14	153.08 4.84 -45.18	153.60 3.66 -58.45	157.07 4.37 -34.62	134.26 3.70 -18.34	131.22 3.25 -26.45	136.66 2.68 -50.28	138.16 2.83 -49.49	152.72 3.43 -69.46	176.66 4.07 -91.17	204.46 4.98 -101.84	201.81 4.52 -110.41	193.24 3.65 -117.92	153.65 4.24 -75.04	143.25 4.27 -64.11	137.07 4.32 -52.61	125.64 4.13 -42.07

HILLBURN___GT 23639	97.28 -4.86 -4.07	95.12 4.30 -9.54	93.39 4.05 -8.33	93.86 4.26 -4.43	93.96 4.63 -0.19	106.86 3.18 -22.09	114.10 4.08 -19.40	142.39 4.67 -47.89	139.80 5.97 -30.77	136.88 5.58 -39.80	149.44 7.79 -23.58	132.45 7.74 -12.49	126.45 6.91 -18.01	123.72 5.77 -34.24	125.46 5.92 -33.71	132.32 5.19 -47.31	148.80 5.29 -62.09	173.34 6.34 -69.36	167.72 5.64 -75.19	156.70 4.73 -80.31	131.28 5.80 -51.10	124.38 5.84 -43.66	122.40 6.41 -35.85	113.98 5.88 -28.66
HILLSIDE_115KV_TB1 80332	86.16 -3.36 -1.17	81.16 -2.84 -2.73	80.64 -2.75 -2.38	83.54 -2.90 -1.27	86.97 -2.23 -0.05	85.14 -2.77 -6.32	93.35 -2.81 -5.55	99.82 -3.05 -13.04	108.28 -3.50 -8.73	99.39 -3.39 -11.29	120.04 -4.72 -6.69	111.16 -4.60 -3.54	102.47 -4.16 -5.11	90.15 -3.26 -9.71	92.05 -3.35 -9.56	90.29 -2.95 -13.41	96.18 -2.85 -17.60	113.99 -3.32 -19.66	105.25 -2.95 -21.32	91.93 -2.51 -22.77	86.28 -2.60 -14.51	84.51 -2.77 -12.40	87.59 -3.21 -10.66	85.19 -2.78 -8.53
HISHELDN_WT_PWR 323625	82.35 -6.80 -0.80	77.21 -5.93 -1.87	76.89 -5.75 -1.63	79.82 -6.21 -0.87	83.03 -6.15 -0.04	80.21 -5.71 -4.33	87.74 -6.80 -3.92	89.86 -8.09 -8.11	98.50 -9.79 -5.24	89.30 -8.96 -6.77	109.93 -12.16 -4.01	102.45 -11.90 -2.13	93.73 -10.86 -3.07	80.41 -9.12 -5.83	82.22 -9.35 -5.73	79.65 -8.22 -8.05	83.68 -8.31 -10.56	99.58 -9.86 -11.80	90.99 -8.69 -12.79	78.16 -7.17 -13.66	75.39 -7.66 -8.68	74.36 -7.94 -7.42	79.05 -8.34 -7.25	78.09 -7.15 -5.80
HOLTSVILLE_IC_1 23690	100.67 8.04 -4.28	98.20 6.90 -10.03	96.25 6.48 -8.75	96.48 6.65 -4.66	97.01 7.67 -0.20	109.95 5.14 -23.21	117.44 6.43 -20.39	146.99 6.82 -50.33	145.07 9.68 -32.34	142.93 9.60 -41.83	155.74 12.87 -24.80	156.70 12.68 -31.80	154.90 11.47 -41.91	156.05 9.54 -62.80	156.11 9.87 -60.40	151.53 8.94 -62.76	193.34 9.20 -102.72	224.20 11.13 -115.43	215.60 9.90 -118.81	189.69 8.17 -109.86	176.67 9.66 -92.64	154.31 9.66 -69.76	128.15 10.34 -37.67	119.27 9.69 -30.14
HOLTSVILLE_IC_10 23699	101.20 8.57 -4.28	98.69 7.39 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.54 8.20 -0.20	110.36 5.55 -23.21	117.98 6.98 -20.39	147.62 7.45 -50.33	145.91 10.52 -32.34	143.66 10.34 -41.83	156.68 13.81 -24.80	157.60 13.57 -31.80	155.61 12.18 -41.91	156.71 10.21 -62.80	156.79 10.55 -60.40	152.16 9.58 -62.76	194.08 9.93 -102.72	225.18 12.11 -115.43	216.38 10.68 -118.81	190.34 8.81 -109.86	177.34 10.33 -92.64	154.90 10.26 -69.76	128.71 10.90 -37.67	119.83 10.25 -30.14
HOLTSVILLE_IC_2 23691	100.67 8.04 -4.28	98.20 6.90 -10.03	96.25 6.48 -8.75	96.48 6.65 -4.66	97.01 7.67 -0.20	109.95 5.14 -23.21	117.44 6.43 -20.39	146.99 6.82 -50.33	145.07 9.68 -32.34	142.93 9.60 -41.83	155.74 12.87 -24.80	156.70 12.68 -31.80	154.90 11.47 -41.91	156.05 9.54 -62.80	156.11 9.87 -60.40	151.53 8.94 -62.76	193.34 9.20 -102.72	224.20 11.13 -115.43	215.60 9.90 -118.81	189.69 8.17 -109.86	176.67 9.66 -92.64	154.31 9.66 -69.76	128.15 10.34 -37.67	119.27 9.69 -30.14
HOLTSVILLE_IC_3 23692	100.67 8.04 -4.28	98.20 6.90 -10.03	96.25 6.48 -8.75	96.48 6.65 -4.66	97.01 7.67 -0.20	109.95 5.14 -23.21	117.44 6.43 -20.39	146.99 6.82 -50.33	145.07 9.68 -32.34	142.93 9.60 -41.83	155.74 12.87 -24.80	156.70 12.68 -31.80	154.90 11.47 -41.91	156.05 9.54 -62.80	156.11 9.87 -60.40	151.53 8.94 -62.76	193.34 9.20 -102.72	224.20 11.13 -115.43	215.60 9.90 -118.81	189.69 8.17 -109.86	176.67 9.66 -92.64	154.31 9.66 -69.76	128.15 10.34 -37.67	119.27 9.69 -30.14
HOLTSVILLE_IC_4 23693	100.67 8.04 -4.28	98.20 6.90 -10.03	96.25 6.48 -8.75	96.48 6.65 -4.66	97.01 7.67 -0.20	109.95 5.14 -23.21	117.44 6.43 -20.39	146.99 6.82 -50.33	145.07 9.68 -32.34	142.93 9.60 -41.83	155.74 12.87 -24.80	156.70 12.68 -31.80	154.90 11.47 -41.91	156.05 9.54 -62.80	156.11 9.87 -60.40	151.53 8.94 -62.76	193.34 9.20 -102.72	224.20 11.13 -115.43	215.60 9.90 -118.81	189.69 8.17 -109.86	176.67 9.66 -92.64	154.31 9.66 -69.76	128.15 10.34 -37.67	119.27 9.69 -30.14
HOLTSVILLE_IC_5 23694	100.67 8.04 -4.28	98.20 6.90 -10.03	96.25 6.48 -8.75	96.48 6.65 -4.66	97.01 7.67 -0.20	109.95 5.14 -23.21	117.44 6.43 -20.39	146.99 6.82 -50.33	145.07 9.68 -32.34	142.93 9.60 -41.83	155.74 12.87 -24.80	156.70 12.68 -31.80	154.90 11.47 -41.91	156.05 9.54 -62.80	156.11 9.87 -60.40	151.53 8.94 -62.76	193.34 9.20 -102.72	224.20 11.13 -115.43	215.60 9.90 -118.81	189.69 8.17 -109.86	176.67 9.66 -92.64	154.31 9.66 -69.76	128.15 10.34 -37.67	119.27 9.69 -30.14
HOLTSVILLE_IC_6 23695	101.20 8.57 -4.28	98.69 7.39 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.54 8.20 -0.20	110.36 5.55 -23.21	117.98 6.98 -20.39	147.62 7.45 -50.33	145.91 10.52 -32.34	143.66 10.34 -41.83	156.68 13.81 -24.80	157.60 13.57 -31.80	155.61 12.18 -41.91	156.71 10.21 -62.80	156.79 10.55 -60.40	152.16 9.58 -62.76	194.08 9.93 -102.72	225.18 12.11 -115.43	216.38 10.68 -118.81	190.34 8.81 -109.86	177.34 10.33 -92.64	154.90 10.26 -69.76	128.71 10.90 -37.67	119.83 10.25 -30.14
HOLTSVILLE_IC_7 23696	101.20 8.57 -4.28	98.69 7.39 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.54 8.20 -0.20	110.36 5.55 -23.21	117.98 6.98 -20.39	147.62 7.45 -50.33	145.91 10.52 -32.34	143.66 10.34 -41.83	156.68 13.81 -24.80	157.60 13.57 -31.80	155.61 12.18 -41.91	156.71 10.21 -62.80	156.79 10.55 -60.40	152.16 9.58 -62.76	194.08 9.93 -102.72	225.18 12.11 -115.43	216.38 10.68 -118.81	190.34 8.81 -109.86	177.34 10.33 -92.64	154.90 10.26 -69.76	128.71 10.90 -37.67	119.83 10.25 -30.14
HOLTSVILLE_IC_8 23697	101.20 8.57 -4.28	98.69 7.39 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.54 8.20 -0.20	110.36 5.55 -23.21	117.98 6.98 -20.39	147.62 7.45 -50.33	145.91 10.52 -32.34	143.66 10.34 -41.83	156.68 13.81 -24.80	157.60 13.57 -31.80	155.61 12.18 -41.91	156.71 10.21 -62.80	156.79 10.55 -60.40	152.16 9.58 -62.76	194.08 9.93 -102.72	225.18 12.11 -115.43	216.38 10.68 -118.81	190.34 8.81 -109.86	177.34 10.33 -92.64	154.90 10.26 -69.76	128.71 10.90 -37.67	119.83 10.25 -30.14
HOLTSVILLE_IC_9 23698	101.20 8.57 -4.28	98.69 7.39 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.54 8.20 -0.20	110.36 5.55 -23.21	117.98 6.98 -20.39	147.62 7.45 -50.33	145.91 10.52 -32.34	143.66 10.34 -41.83	156.68 13.81 -24.80	157.60 13.57 -31.80	155.61 12.18 -41.91	156.71 10.21 -62.80	156.79 10.55 -60.40	152.16 9.58 -62.76	194.08 9.93 -102.72	225.18 12.11 -115.43	216.38 10.68 -118.81	190.34 8.81 -109.86	177.34 10.33 -92.64	154.90 10.26 -69.76	128.71 10.90 -37.67	119.83 10.25 -30.14
HOMER_HL_115KV_TB2 355744	80.27 -8.92 -0.84	75.28 -7.96 -1.97	74.95 -7.78 -1.72	77.99 -8.09 -0.92	84.55 -4.64 -0.04	78.57 -7.59 -4.56	86.20 -8.43 -4.01	88.96 -9.25 -8.37	98.20 -10.41 -5.55	89.25 -9.42 -7.18	110.40 -11.93 -4.25	103.14 -11.33 -2.26	94.63 -10.15 -3.25	81.26 -8.62 -6.18	83.07 -8.84 -6.08	80.14 -8.22 -8.53	84.32 -8.31 -11.20	100.58 -9.57 -12.51	91.84 -8.60 -13.56	78.83 -7.31 -14.48	75.76 -7.88 -9.28	74.57 -8.24 -7.93	78.24 -9.54 -7.64	76.97 -8.58 -6.11
HOWARD_WT_PWR 323690	86.65 -2.65 -0.94	81.45 -2.03 -2.20	81.07 -1.86 -1.92	84.15 -2.04 -1.02	87.67 -1.52 -0.04	85.47 -1.22 -5.10	93.96 -1.27 -4.62	98.64 -1.71 -10.51	107.39 -2.47 -6.81	97.46 -2.84 -8.81	118.81 -4.49 -5.22	110.38 -4.61 -2.76	101.25 -4.26 -3.99	87.77 -3.51 -7.57	89.69 -3.60 -7.46	87.26 -3.03 -10.46	92.23 -2.93 -13.73	109.66 -3.32 -15.34	100.65 -2.87 -16.63	86.78 -2.65 -17.76	82.32 -3.35 -11.29	80.56 -3.97 -9.65	83.75 -4.97 -8.58	81.37 -4.93 -6.86

HQ_GEN_CEDARS 23644	87.56 -0.80 0.00	80.46 -0.81 0.00	80.20 -0.81 0.00	84.32 -0.85 0.00	88.43 -0.71 0.00	80.78 -0.82 0.00	88.99 -1.99 -0.36	89.12 -1.62 -0.90	99.62 -4.02 -0.59	89.05 -3.20 -0.76	115.81 -2.72 -0.45	109.21 -3.25 -0.24	99.44 -2.44 -0.35	81.52 -2.85 -0.66	83.31 -3.18 -0.65	77.94 -2.79 -0.91	79.28 -3.34 -1.19	94.38 -4.59 -1.33	83.98 -4.34 -1.44	71.41 -1.79 -1.54	74.55 -0.82 -1.00	74.76 -0.97 -0.86	79.72 -1.12 -0.70	78.89 -1.11 -0.56
HQ_GEN_CEDARS_PROXY 323590	87.56 -0.80 0.00	80.46 -0.81 0.00	80.20 -0.81 0.00	84.40 -0.77 0.00	88.43 -0.72 0.00	81.19 -0.82 -0.41	89.18 -1.81 -0.37	89.23 -1.53 -0.92	99.64 -4.02 -0.60	89.53 -2.74 -0.78	115.83 -2.71 -0.46	109.21 -3.26 -0.24	99.44 -2.44 -0.35	81.53 -2.85 -0.67	83.32 -3.17 -0.66	77.96 -2.80 -0.93	79.30 -3.34 -1.22	94.41 -4.59 -1.36	84.02 -4.34 -1.47	71.45 -1.79 -1.57	73.40 -0.97 0.00	73.90 -0.98 0.00	79.01 -1.12 0.00	78.33 -1.11 0.00
HQ_GEN_IMPORT 323601	87.47 -0.88 0.00	80.46 -0.81 0.00	80.20 -0.81 0.00	84.32 -0.85 0.00	88.34 -0.80 0.00	80.45 -1.14 0.00	88.35 -2.26 0.00	87.86 -1.98 0.00	98.63 -4.43 0.00	88.29 -3.20 0.00	114.77 -3.31 0.00	108.52 -3.70 0.00	98.58 -2.95 0.00	80.44 -3.27 0.00	82.23 -3.60 0.00	76.71 -3.11 0.00	77.68 -3.74 0.00	92.67 -4.98 0.00	82.11 -4.78 0.00	69.37 -2.30 0.00	73.40 -0.97 0.00	73.99 -0.90 0.00	79.18 -0.96 0.00	78.49 -0.95 0.00
HQ_GEN_WHEEL 23651	87.47 -0.88 0.00	80.46 -0.81 0.00	80.20 -0.81 0.00	84.32 -0.85 0.00	88.34 -0.80 0.00	80.45 -1.14 0.00	88.35 -2.26 0.00	87.86 -1.98 0.00	98.63 -4.43 0.00	88.29 -3.20 0.00	114.77 -3.31 0.00	108.52 -3.70 0.00	98.58 -2.95 0.00	80.44 -3.27 0.00	82.23 -3.60 0.00	76.71 -3.11 0.00	77.68 -3.74 0.00	92.67 -4.98 0.00	82.11 -4.78 0.00	69.37 -2.30 0.00	73.40 -0.97 0.00	73.99 -0.90 0.00	79.18 -0.96 0.00	78.49 -0.95 0.00
HUDSON AVE_GT_3 23810	98.38 5.74 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.77 4.94 -4.66	94.78 5.44 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.53 5.48 -50.21	142.39 7.01 -32.33	139.91 6.59 -41.83	152.30 9.45 -24.78	134.89 9.54 -13.12	129.09 8.63 -18.93	126.80 7.12 -35.98	128.55 7.30 -35.42	135.93 6.39 -49.71	153.02 6.35 -65.24	178.04 7.52 -72.88	172.59 6.69 -79.02	161.65 5.59 -84.39	134.69 6.62 -53.70	127.50 6.74 -45.88	125.26 7.45 -37.67	116.71 7.15 -30.12
HUDSON AVE_GT_4 23540	98.38 5.74 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.77 4.94 -4.66	94.78 5.44 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.53 5.48 -50.21	142.39 7.01 -32.33	139.91 6.59 -41.83	152.30 9.45 -24.78	134.89 9.54 -13.12	129.09 8.63 -18.93	126.80 7.12 -35.98	128.55 7.30 -35.42	135.93 6.39 -49.71	153.02 6.35 -65.24	178.04 7.52 -72.88	172.59 6.69 -79.02	161.65 5.59 -84.39	134.69 6.62 -53.70	127.50 6.74 -45.88	125.26 7.45 -37.67	116.71 7.15 -30.12
HUDSON AVE_GT_5 23657	98.38 5.74 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.77 4.94 -4.66	94.78 5.44 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.53 5.48 -50.21	142.39 7.01 -32.33	139.91 6.59 -41.83	152.30 9.45 -24.78	134.89 9.54 -13.12	129.09 8.63 -18.93	126.80 7.12 -35.98	128.55 7.30 -35.42	135.93 6.39 -49.71	153.02 6.35 -65.24	178.04 7.52 -72.88	172.59 6.69 -79.02	161.65 5.59 -84.39	134.69 6.62 -53.70	127.50 6.74 -45.88	125.26 7.45 -37.67	116.71 7.15 -30.12
HUDSON_AVE_10 24168	98.20 5.57 -4.28	96.17 4.88 -10.02	94.30 4.54 -8.75	94.60 4.77 -4.66	94.60 5.26 -0.20	108.39 3.59 -23.21	115.49 4.53 -20.34	145.44 5.39 -50.21	142.29 6.90 -32.33	139.81 6.50 -41.83	152.06 9.21 -24.78	134.66 9.31 -13.12	128.88 8.43 -18.93	126.64 6.95 -35.98	128.38 7.12 -35.42	135.69 6.15 -49.71	152.86 6.19 -65.24	177.85 7.32 -72.88	172.42 6.52 -79.02	161.50 5.45 -84.39	134.54 6.47 -53.70	127.42 6.66 -45.88	125.18 7.37 -37.67	116.55 6.99 -30.12
HUDSON___115KV_TB 4 355613	99.18 5.39 -5.44	98.89 4.88 -12.74	97.07 4.94 -11.12	96.29 5.20 -5.92	95.01 5.62 -0.25	115.58 4.49 -29.50	120.73 4.26 -25.85	156.92 3.23 -63.85	147.61 3.61 -40.95	147.34 2.84 -53.01	152.78 3.31 -31.40	131.89 3.03 -16.63	128.05 2.54 -23.99	131.40 2.09 -45.60	132.96 2.23 -44.89	145.07 2.24 -63.00	166.72 2.61 -82.69	193.43 3.42 -92.37	190.16 3.13 -100.14	181.06 2.44 -106.96	145.55 3.12 -68.06	136.17 3.14 -58.15	131.59 3.77 -47.69	121.54 3.97 -38.13
HUNTER MOUNT___DRP 323613	99.27 5.65 -5.26	98.73 5.12 -12.33	96.96 5.18 -10.77	96.44 5.54 -5.73	95.27 5.88 -0.25	115.05 4.90 -28.56	120.36 4.71 -25.03	155.34 3.68 -61.82	146.94 4.23 -39.67	146.10 3.29 -51.31	152.25 3.78 -30.39	131.80 3.48 -16.10	127.59 2.84 -23.22	130.19 2.34 -44.14	131.78 2.49 -43.45	143.37 2.55 -60.98	164.48 3.01 -80.04	191.06 4.00 -89.41	187.56 3.74 -96.93	177.99 2.79 -103.53	143.74 3.50 -65.88	134.61 3.44 -56.28	130.41 4.09 -46.19	120.51 4.13 -36.93
HUNTINGTON_RES_REC 323705	100.32 7.68 -4.28	97.80 6.50 -10.03	95.92 6.15 -8.75	96.04 6.21 -4.66	96.56 7.22 -0.20	109.54 4.73 -23.21	117.07 6.07 -20.39	146.72 6.55 -50.33	144.77 9.38 -32.34	142.66 9.34 -41.83	154.79 11.92 -24.80	155.58 11.56 -31.80	153.89 10.46 -41.91	155.21 8.71 -62.80	155.25 9.01 -60.40	150.81 8.22 -62.76	192.53 8.39 -102.72	223.36 10.25 -115.46	214.74 9.04 -118.81	188.98 7.45 -109.86	175.78 8.77 -92.64	153.47 8.83 -69.76	127.74 9.93 -37.67	118.87 9.29 -30.14
HUNTLEY___63 23557	80.92 -8.13 -0.70	75.84 -7.07 -1.63	75.47 -6.97 -1.43	78.77 -7.15 -0.76	81.42 -7.76 -0.03	78.44 -6.94 -3.78	85.60 -8.34 -3.33	86.32 -9.97 -6.46	95.29 -12.06 -4.29	86.24 -10.80 -5.55	106.49 -14.88 -3.29	99.49 -14.48 -1.74	90.84 -13.20 -2.51	77.27 -11.22 -4.77	79.12 -11.42 -4.70	76.36 -10.06 -6.59	79.90 -10.18 -8.65	95.20 -12.11 -9.66	86.76 -10.60 -10.48	74.04 -8.81 -11.19	72.25 -9.30 -7.18	71.81 -9.21 -6.14	77.42 -9.06 -6.34	76.65 -7.86 -5.07
HUNTLEY___64 23558	80.92 -8.13 -0.70	75.84 -7.07 -1.63	75.47 -6.97 -1.43	78.77 -7.15 -0.76	81.42 -7.76 -0.03	78.44 -6.94 -3.78	85.60 -8.34 -3.33	86.32 -9.97 -6.46	95.29 -12.06 -4.29	86.24 -10.80 -5.55	106.49 -14.88 -3.29	99.49 -14.48 -1.74	90.84 -13.20 -2.51	77.27 -11.22 -4.77	79.12 -11.42 -4.70	76.36 -10.06 -6.59	79.90 -10.18 -8.65	95.20 -12.11 -9.66	86.76 -10.60 -10.48	74.04 -8.81 -11.19	72.25 -9.30 -7.18	71.81 -9.21 -6.14	77.42 -9.06 -6.34	76.65 -7.86 -5.07
HUNTLEY___65 23559	80.92 -8.13 -0.70	75.84 -7.07 -1.63	75.47 -6.97 -1.43	78.77 -7.15 -0.76	81.42 -7.76 -0.03	78.44 -6.94 -3.78	85.60 -8.34 -3.33	86.32 -9.97 -6.46	95.29 -12.06 -4.29	86.24 -10.80 -5.55	106.49 -14.88 -3.29	99.49 -14.48 -1.74	90.84 -13.20 -2.51	77.27 -11.22 -4.77	79.12 -11.42 -4.70	76.36 -10.06 -6.59	79.90 -10.18 -8.65	95.20 -12.11 -9.66	86.76 -10.60 -10.48	74.04 -8.81 -11.19	72.25 -9.30 -7.18	71.81 -9.21 -6.14	77.42 -9.06 -6.34	76.65 -7.86 -5.07
HUNTLEY___66 23560	80.92 -8.13 -0.70	75.84 -7.07 -1.63	75.47 -6.97 -1.43	78.77 -7.15 -0.76	81.42 -7.76 -0.03	78.44 -6.94 -3.78	85.60 -8.34 -3.33	86.32 -9.97 -6.46	95.29 -12.06 -4.29	86.24 -10.80 -5.55	106.49 -14.88 -3.29	99.49 -14.48 -1.74	90.84 -13.20 -2.51	77.27 -11.22 -4.77	79.12 -11.42 -4.70	76.36 -10.06 -6.59	79.90 -10.18 -8.65	95.20 -12.11 -9.66	86.76 -10.60 -10.48	74.04 -8.81 -11.19	72.25 -9.30 -7.18	71.81 -9.21 -6.14	77.42 -9.06 -6.34	76.65 -7.86 -5.07

HUNTLEY___67 23561	80.85 -8.22 -0.71	75.70 -7.23 -1.66	75.33 -7.13 -1.45	78.62 -7.32 -0.77	81.33 -7.84 -0.03	78.35 -7.10 -3.85	85.49 -8.52 -3.39	86.10 -10.15 -6.42	95.06 -12.26 -4.27	86.03 -10.98 -5.52	106.23 -15.11 -3.27	99.37 -14.59 -1.74	90.73 -13.30 -2.50	77.24 -11.22 -4.75	79.01 -11.50 -4.68	76.25 -10.14 -6.56	79.77 -10.26 -8.61	95.05 -12.21 -9.61	86.62 -10.69 -10.42	73.84 -8.96 -11.13	72.14 -9.37 -7.14	71.62 -9.36 -6.10	77.38 -9.22 -6.46	76.58 -8.02 -5.17
HUNTLEY___68 23562	80.85 -8.22 -0.71	75.70 -7.23 -1.66	75.33 -7.13 -1.45	78.62 -7.32 -0.77	81.33 -7.84 -0.03	78.35 -7.10 -3.85	85.49 -8.52 -3.39	86.10 -10.15 -6.42	95.06 -12.26 -4.27	86.03 -10.98 -5.52	106.23 -15.11 -3.27	99.37 -14.59 -1.74	90.73 -13.30 -2.50	77.24 -11.22 -4.75	79.01 -11.50 -4.68	76.25 -10.14 -6.56	79.77 -10.26 -8.61	95.05 -12.21 -9.61	86.62 -10.69 -10.42	73.84 -8.96 -11.13	72.14 -9.37 -7.14	71.62 -9.36 -6.10	77.38 -9.22 -6.46	76.58 -8.02 -5.17
HYLAND___LFG 323620	89.57 0.44 -0.77	83.73 0.65 -1.81	83.16 0.57 -1.58	86.53 0.51 -0.84	89.72 0.54 -0.04	87.02 1.23 -4.20	96.23 1.81 -3.80	99.88 1.16 -8.88	109.02 0.21 -5.76	97.84 -1.09 -7.44	120.00 -2.49 -4.41	111.86 -2.69 -2.34	102.36 -2.53 -3.37	87.86 -2.26 -6.40	90.25 -1.89 -6.30	87.63 -1.04 -8.85	92.87 -0.16 -11.61	111.39 0.78 -12.97	101.73 0.78 -14.06	87.11 0.43 -15.02	83.99 0.07 -9.54	82.59 -0.45 -8.15	86.56 -0.64 -7.07	84.85 -0.24 -5.65
INDECK___CORINTH 23802	101.03 6.90 -5.77	100.98 6.17 -13.53	99.06 6.24 -11.81	97.85 6.39 -6.29	96.45 7.04 -0.27	118.88 5.95 -31.34	125.28 7.16 -27.50	165.00 7.19 -67.97	155.16 8.34 -43.77	155.33 7.23 -56.62	160.83 9.22 -33.54	138.29 8.30 -17.76	134.56 7.41 -25.62	138.44 6.03 -48.70	139.96 6.18 -47.94	153.18 6.06 -67.29	176.17 6.43 -88.32	204.31 8.01 -98.66	200.97 7.13 -106.96	191.63 5.74 -114.23	153.61 6.55 -72.69	143.49 6.51 -62.10	137.56 6.49 -50.93	126.44 6.27 -40.73
INDECK___ILION 23567	90.65 2.30 0.00	83.39 2.11 0.00	83.12 2.11 0.00	87.47 2.30 0.00	91.55 2.41 0.00	83.55 1.96 0.00	92.79 2.17 0.00	91.99 2.16 0.00	105.42 2.37 0.00	93.69 2.20 0.00	120.91 2.83 0.00	114.92 2.69 0.00	103.96 2.44 0.00	85.63 1.93 0.00	87.81 1.97 0.00	81.58 1.76 0.00	83.22 1.79 0.00	99.69 2.05 0.00	88.62 1.74 0.00	73.03 1.36 0.00	76.00 1.64 0.00	76.45 1.57 0.00	81.82 1.68 0.00	81.11 1.67 0.00
INDECK___OLEAN 23982	80.28 -8.92 -0.84	75.28 -7.96 -1.97	74.95 -7.78 -1.72	77.83 -8.26 -0.92	83.39 -5.79 -0.04	78.58 -7.59 -4.57	86.23 -8.52 -4.14	89.27 -9.25 -8.69	98.13 -10.51 -5.59	89.38 -9.33 -7.23	110.31 -12.05 -4.28	103.05 -11.45 -2.27	94.65 -10.15 -3.27	81.22 -8.71 -6.22	83.12 -8.84 -6.12	80.11 -8.30 -8.59	84.31 -8.39 -11.27	100.47 -9.76 -12.59	91.85 -8.69 -13.65	78.79 -7.45 -14.58	75.68 -7.96 -9.27	74.48 -8.31 -7.92	77.99 -9.78 -7.63	76.88 -8.66 -6.10
INDECK___OSWEGO 23783	85.25 -3.45 -0.34	78.91 -3.17 -0.80	78.63 -3.08 -0.70	82.22 -3.32 -0.37	85.59 -3.57 -0.02	80.28 -3.18 -1.87	88.42 -3.72 -1.52	89.92 -3.69 -3.77	101.21 -4.32 -2.48	90.77 -3.93 -3.21	114.79 -5.19 -1.90	108.30 -4.94 -1.01	98.52 -4.46 -1.45	82.88 -3.60 -2.76	84.87 -3.69 -2.72	80.30 -3.35 -3.82	83.02 -3.42 -5.01	99.23 -4.01 -5.60	89.48 -3.48 -6.07	75.14 -3.01 -6.48	75.57 -2.90 -4.10	75.39 -3.00 -3.50	79.72 -3.29 -2.87	78.56 -3.18 -2.30
INDECK___YERKES 23781	81.01 -8.04 -0.70	75.83 -7.07 -1.63	75.55 -6.89 -1.43	78.52 -7.41 -0.76	81.24 -7.93 -0.03	78.45 -6.94 -3.79	85.62 -8.42 -3.43	86.40 -10.15 -6.71	95.02 -12.37 -4.33	86.01 -11.07 -5.60	106.39 -15.00 -3.32	99.39 -14.59 -1.76	90.66 -13.40 -2.53	77.22 -11.30 -4.81	78.98 -11.59 -4.74	76.34 -10.14 -6.65	79.73 -10.42 -8.73	95.08 -12.31 -9.75	86.68 -10.78 -10.57	74.20 -8.75 -11.28	72.31 -9.22 -7.17	71.64 -9.36 -6.13	76.93 -9.54 -6.33	76.56 -7.94 -5.06
INDIAN POINT_GT_1 24139	97.80 5.21 -4.23	95.75 4.55 -9.92	93.96 4.29 -8.66	94.38 4.60 -4.61	94.33 4.99 -0.20	107.99 3.43 -22.97	115.10 4.35 -20.13	144.48 4.94 -49.70	141.34 6.29 -32.00	138.75 5.86 -41.40	150.75 8.15 -24.52	133.41 8.19 -12.99	127.57 7.31 -18.74	125.35 6.03 -35.61	127.07 6.18 -35.06	134.46 5.43 -49.21	151.54 5.54 -64.58	176.42 6.64 -72.14	171.01 5.91 -78.21	160.14 4.94 -83.53	133.40 5.88 -53.15	126.28 5.99 -45.41	123.83 6.41 -37.28	115.37 6.12 -29.81
INDIAN POINT_GT_2 23659	97.80 5.21 -4.23	95.75 4.55 -9.92	93.96 4.29 -8.66	94.38 4.60 -4.61	94.33 4.99 -0.20	107.99 3.43 -22.97	115.10 4.35 -20.13	144.48 4.94 -49.70	141.34 6.29 -32.00	138.75 5.86 -41.40	150.75 8.15 -24.52	133.41 8.19 -12.99	127.57 7.31 -18.74	125.35 6.03 -35.61	127.07 6.18 -35.06	134.46 5.43 -49.21	151.54 5.54 -64.58	176.42 6.64 -72.14	171.01 5.91 -78.21	160.14 4.94 -83.53	133.40 5.88 -53.15	126.28 5.99 -45.41	123.83 6.41 -37.28	115.37 6.12 -29.81
INDIAN POINT_GT_3 24019	97.80 5.21 -4.23	95.75 4.55 -9.92	93.96 4.29 -8.66	94.38 4.60 -4.61	94.33 4.99 -0.20	107.99 3.43 -22.97	115.10 4.35 -20.13	144.48 4.94 -49.70	141.34 6.29 -32.00	138.75 5.86 -41.40	150.75 8.15 -24.52	133.41 8.19 -12.99	127.57 7.31 -18.74	125.35 6.03 -35.61	127.07 6.18 -35.06	134.46 5.43 -49.21	151.54 5.54 -64.58	176.42 6.64 -72.14	171.01 5.91 -78.21	160.14 4.94 -83.53	133.40 5.88 -53.15	126.28 5.99 -45.41	123.83 6.41 -37.28	115.37 6.12 -29.81
INDIAN POINT___2 23530	97.47 4.94 -4.17	95.44 4.39 -9.78	93.68 4.13 -8.54	94.06 4.34 -4.55	94.06 4.72 -0.19	107.42 3.18 -22.65	114.59 4.08 -19.89	143.70 4.76 -49.10	140.58 5.97 -31.55	137.88 5.58 -40.81	150.04 7.79 -24.17	132.88 7.85 -12.81	127.00 7.00 -18.47	124.67 5.86 -35.11	126.40 6.01 -34.56	133.60 5.27 -48.50	150.46 5.37 -63.66	175.10 6.34 -71.11	169.63 5.64 -77.10	158.74 4.73 -82.34	132.64 5.87 -52.40	125.56 5.91 -44.76	123.38 6.49 -36.76	114.79 5.96 -29.39
INDIAN POINT___3 23531	97.63 5.04 -4.24	95.59 4.39 -9.93	93.89 4.21 -8.67	94.21 4.43 -4.62	94.15 4.81 -0.20	107.84 3.26 -22.99	114.93 4.17 -20.15	144.34 4.76 -49.74	141.16 6.08 -32.03	138.60 5.67 -41.43	150.41 7.79 -24.54	133.08 7.86 -13.00	127.28 7.01 -18.75	125.21 5.86 -35.64	126.93 6.01 -35.09	134.34 5.27 -49.24	151.35 5.29 -64.63	176.29 6.44 -72.20	170.81 5.65 -78.27	159.99 4.73 -83.60	133.21 5.65 -53.20	126.09 5.77 -45.44	123.62 6.17 -37.31	115.15 5.88 -29.84
INGHAM_C_115KV_TB7 356103	92.69 4.33 0.00	85.09 3.82 0.00	84.90 3.89 0.00	89.26 4.09 0.00	93.51 4.37 0.00	85.34 3.75 0.00	94.78 4.17 0.00	93.97 4.13 0.00	107.69 4.64 0.00	95.70 4.21 0.00	123.63 5.55 0.00	117.50 5.27 0.00	106.20 4.67 0.00	87.48 3.77 0.00	89.61 3.78 0.00	83.18 3.35 0.00	84.76 3.34 0.00	101.45 3.81 0.00	90.01 3.13 0.00	74.10 2.44 0.00	77.04 2.68 0.00	77.50 2.62 0.00	82.86 2.72 0.00	82.14 2.70 0.00
IP CORINTH___1 23988	101.02 6.89 -5.77	100.98 6.18 -13.53	99.06 6.24 -11.81	97.85 6.39 -6.29	96.45 7.04 -0.27	118.88 5.96 -31.34	125.24 7.16 -27.46	164.90 7.19 -67.87	155.17 8.35 -43.77	155.34 7.23 -56.62	160.82 9.21 -33.54	138.29 8.30 -17.77	134.56 7.41 -25.62	138.44 6.03 -48.71	139.96 6.18 -47.95	153.19 6.07 -67.29	176.26 6.51 -88.32	204.31 8.01 -98.66	200.97 7.12 -106.96	191.64 5.73 -114.24	153.69 6.62 -72.70	143.50 6.51 -62.11	137.56 6.49 -50.94	126.44 6.28 -40.73

IP___TICONDEROGA 23804	104.55 10.43 -5.77	103.98 9.18 -13.52	102.13 9.32 -11.80	101.08 9.62 -6.28	100.11 10.70 -0.27	122.36 9.46 -31.30	129.55 11.51 -27.43	169.13 11.50 -67.80	160.27 13.50 -43.72	159.66 11.62 -56.55	166.33 14.76 -33.50	143.32 13.35 -17.75	138.90 11.78 -25.59	141.90 9.54 -48.65	143.51 9.79 -47.89	156.70 9.66 -67.22	180.15 10.50 -88.22	208.98 12.79 -98.55	205.19 11.47 -106.84	195.02 9.24 -114.11	157.02 10.04 -72.61	146.80 9.88 -62.03	140.79 9.78 -50.88	129.65 9.53 -40.68
ISLIP_RES_REC 323679	101.65 9.02 -4.28	99.02 7.73 -10.03	97.06 7.29 -8.75	97.24 7.41 -4.66	97.90 8.56 -0.20	110.76 5.95 -23.21	118.52 7.52 -20.39	148.16 7.99 -50.33	146.52 11.13 -32.34	144.20 10.88 -41.83	157.51 14.64 -24.80	158.39 14.37 -31.80	156.33 12.90 -41.91	157.31 10.80 -62.80	157.39 11.15 -60.40	152.73 10.14 -62.76	194.65 10.51 -102.72	225.86 12.79 -115.43	217.08 11.38 -118.81	190.84 9.31 -109.86	177.78 10.78 -92.64	155.35 10.71 -69.76	129.18 11.37 -37.67	120.30 10.72 -30.14
JAMAICA__27_KV_LOAD 355505	98.91 6.27 -4.28	96.74 5.45 -10.02	94.94 5.18 -8.75	95.19 5.37 -4.66	95.23 5.88 -0.20	108.88 4.08 -23.21	116.21 5.26 -20.34	146.25 6.20 -50.21	143.32 7.94 -32.33	140.64 7.32 -41.83	152.65 9.80 -24.78	135.22 9.88 -13.12	129.39 8.93 -18.93	127.14 7.45 -35.98	128.89 7.64 -35.42	136.17 6.63 -49.71	153.43 6.76 -65.24	178.63 8.10 -72.88	173.20 7.30 -79.02	162.08 6.02 -84.39	135.13 7.06 -53.70	128.02 7.26 -45.88	125.98 8.17 -37.67	117.34 7.79 -30.12
JANIS___SOLAR 323808	93.70 4.15 -1.19	87.89 3.82 -2.80	87.34 3.89 -2.44	90.64 4.17 -1.30	93.74 4.54 -0.06	92.57 4.48 -6.49	102.85 6.34 -5.90	110.60 6.38 -14.38	119.35 7.01 -9.28	108.99 5.49 -12.01	131.68 6.49 -7.11	121.93 5.94 -3.77	112.14 5.18 -5.43	98.56 4.52 -10.33	100.81 4.80 -10.17	98.81 4.71 -14.27	105.70 5.54 -18.73	125.79 7.23 -20.92	115.91 6.34 -22.68	100.62 4.73 -24.23	94.60 4.83 -15.40	92.61 4.57 -13.16	95.72 4.65 -10.93	92.79 4.61 -8.74
JARVIS____ 23743	89.06 0.70 0.00	81.92 0.65 0.00	81.66 0.65 0.00	85.85 0.68 0.00	89.85 0.71 0.00	82.00 0.41 0.00	90.98 0.36 0.00	90.20 0.36 0.00	103.47 0.41 0.00	91.86 0.37 0.00	118.67 0.59 0.00	112.79 0.56 0.00	102.04 0.51 0.00	84.05 0.34 0.00	86.18 0.34 0.00	80.15 0.32 0.00	81.75 0.33 0.00	97.94 0.29 0.00	87.15 0.26 0.00	71.88 0.22 0.00	74.89 0.52 0.00	75.41 0.53 0.00	80.77 0.64 0.00	80.07 0.63 0.00
JENNISON___1 23625	94.50 4.59 -1.55	89.21 4.31 -3.63	88.64 4.46 -3.17	91.71 4.85 -1.69	94.56 5.35 -0.07	94.82 4.81 -8.41	104.34 6.34 -7.38	114.18 6.38 -17.97	122.21 7.32 -11.84	113.03 6.22 -15.32	134.83 7.67 -9.08	124.32 7.29 -4.81	114.86 6.40 -6.93	102.25 5.36 -13.18	104.30 5.49 -12.97	103.15 5.11 -18.21	111.02 5.70 -23.90	131.47 7.13 -26.70	121.82 6.00 -28.94	107.09 4.51 -30.91	98.80 4.76 -19.67	96.25 4.57 -16.80	98.92 4.81 -13.98	95.38 4.77 -11.18
JENNISON___2 23626	94.50 4.59 -1.55	89.21 4.31 -3.63	88.64 4.46 -3.17	91.71 4.85 -1.69	94.56 5.35 -0.07	94.82 4.81 -8.41	104.34 6.34 -7.38	114.18 6.38 -17.97	122.21 7.32 -11.84	113.03 6.22 -15.32	134.83 7.67 -9.08	124.32 7.29 -4.81	114.86 6.40 -6.93	102.25 5.36 -13.18	104.30 5.49 -12.97	103.15 5.11 -18.21	111.02 5.70 -23.90	131.47 7.13 -26.70	121.82 6.00 -28.94	107.09 4.51 -30.91	98.80 4.76 -19.67	96.25 4.57 -16.80	98.92 4.81 -13.98	95.38 4.77 -11.18
JERICHO_RISE_WT_PWR 323719	88.09 -0.26 0.00	80.87 -0.40 0.00	80.69 -0.32 0.00	84.83 -0.34 0.00	88.96 -0.18 0.00	81.27 -0.33 0.00	88.99 -1.63 0.00	88.49 -1.35 0.00	99.48 -4.13 -0.55	89.47 -2.74 -0.72	116.02 -2.49 -0.42	109.31 -3.14 -0.22	99.41 -2.44 -0.32	81.39 -2.93 -0.62	83.01 -3.44 -0.61	77.73 -2.95 -0.85	78.96 -3.58 -1.12	93.92 -4.98 -1.25	83.46 -4.78 -1.35	71.03 -2.08 -1.45	73.10 -1.26 0.00	73.61 -1.27 0.00	78.53 -1.60 0.00	77.85 -1.59 0.00
KATONAH___115KV_46KV_TB4 355592	98.87 6.18 -4.33	96.87 5.45 -10.15	95.05 5.18 -8.86	95.51 5.62 -4.72	95.41 6.06 -0.20	109.50 4.41 -23.50	116.83 5.62 -20.59	146.96 6.29 -50.84	143.52 7.73 -32.73	140.97 7.14 -42.35	152.96 9.80 -25.08	135.27 9.76 -13.29	129.22 8.53 -19.16	127.25 7.12 -36.43	128.91 7.21 -35.86	136.62 6.47 -50.33	153.99 6.51 -66.06	179.44 8.01 -73.79	173.92 7.04 -80.00	162.98 5.88 -85.44	135.65 6.92 -54.37	128.44 7.11 -46.45	125.72 7.45 -38.13	117.00 7.07 -30.49
KCE_NY_1 323755	100.13 6.01 -5.76	100.13 5.36 -13.50	98.22 5.43 -11.78	97.06 5.62 -6.27	95.56 6.15 -0.27	117.82 4.98 -31.25	123.85 5.80 -27.43	163.38 5.75 -67.79	153.39 6.69 -43.64	153.72 5.77 -56.46	158.72 7.20 -33.44	136.56 6.62 -17.71	133.06 5.99 -25.55	137.13 4.85 -48.56	138.62 4.98 -47.81	151.80 4.87 -67.10	174.71 5.22 -88.07	202.36 6.34 -98.38	199.18 5.64 -106.65	190.17 4.59 -113.91	152.28 5.43 -72.49	142.20 5.39 -61.93	136.45 5.53 -50.79	125.46 5.40 -40.61
KCE_NY_6_ESR 323823	81.41 -7.69 -0.74	76.27 -6.74 -1.74	75.97 -6.56 -1.52	78.99 -6.98 -0.81	82.40 -6.78 -0.03	79.18 -6.45 -4.04	86.56 -7.70 -3.65	87.82 -9.25 -7.23	96.59 -11.13 -4.66	87.55 -9.97 -6.03	108.18 -13.46 -3.57	100.99 -13.13 -1.89	92.28 -11.98 -2.73	78.76 -10.13 -5.18	80.55 -10.39 -5.10	77.81 -9.18 -7.16	81.46 -9.36 -9.40	97.11 -11.03 -10.50	88.54 -9.73 -11.38	75.86 -7.96 -12.15	73.61 -8.48 -7.72	72.79 -8.68 -6.60	77.82 -9.06 -6.74	77.20 -7.63 -5.39
KEDC_PORT_JEFF_GT2 24210	101.20 8.57 -4.28	98.62 7.32 -10.03	96.64 6.88 -8.75	96.82 6.99 -4.66	97.45 8.11 -0.20	110.36 5.55 -23.21	117.98 6.98 -20.39	147.62 7.45 -50.33	145.79 10.40 -32.34	143.57 10.24 -41.83	156.56 13.69 -24.80	157.48 13.46 -31.80	155.51 12.08 -41.91	156.63 10.12 -62.80	156.71 10.47 -60.40	152.08 9.50 -62.76	193.99 9.85 -102.72	225.09 12.01 -115.44	216.38 10.68 -118.81	190.27 8.74 -109.86	177.19 10.19 -92.64	154.82 10.18 -69.76	128.71 10.90 -37.67	119.83 10.25 -30.14
KEDC_PORT_JEFF_GT3 24211	101.20 8.57 -4.28	98.62 7.32 -10.03	96.64 6.88 -8.75	96.82 6.99 -4.66	97.45 8.11 -0.20	110.36 5.55 -23.21	117.98 6.98 -20.39	147.62 7.45 -50.33	145.79 10.40 -32.34	143.57 10.24 -41.83	156.56 13.69 -24.80	157.48 13.46 -31.80	155.51 12.08 -41.91	156.63 10.12 -62.80	156.71 10.47 -60.40	152.08 9.50 -62.76	193.99 9.85 -102.72	225.09 12.01 -115.44	216.38 10.68 -118.81	190.27 8.74 -109.86	177.19 10.19 -92.64	154.82 10.18 -69.76	128.71 10.90 -37.67	119.83 10.25 -30.14
KEDC_GLWD_GT4 24219	99.17 6.54 -4.28	96.90 5.60 -10.03	95.11 5.35 -8.75	95.36 5.53 -4.66	95.58 6.24 -0.20	108.97 4.16 -23.21	115.62 4.62 -20.39	145.56 5.39 -50.33	142.60 7.21 -32.34	140.37 7.05 -41.83	152.67 9.79 -24.80	153.78 9.76 -31.80	152.17 8.73 -41.91	153.71 7.20 -62.80	153.62 7.38 -60.40	149.14 6.55 -62.76	190.82 6.68 -102.72	220.97 7.91 -115.42	212.65 6.95 -118.81	187.33 5.80 -109.86	174.07 7.07 -92.64	151.76 7.12 -69.76	125.58 7.77 -37.67	117.37 7.79 -30.14
KEDC_GLWD_GT5 24220	99.17 6.54 -4.28	96.90 5.60 -10.03	95.11 5.35 -8.75	95.36 5.53 -4.66	95.58 6.24 -0.20	108.97 4.16 -23.21	115.62 4.62 -20.39	145.56 5.39 -50.33	142.60 7.21 -32.34	140.37 7.05 -41.83	152.67 9.79 -24.80	153.78 9.76 -31.80	152.17 8.73 -41.91	153.71 7.20 -62.80	153.62 7.38 -60.40	149.14 6.55 -62.76	190.82 6.68 -102.72	220.97 7.91 -115.42	212.65 6.95 -118.81	187.33 5.80 -109.86	174.07 7.07 -92.64	151.76 7.12 -69.76	125.58 7.77 -37.67	117.37 7.79 -30.14

KENSICO____ 23655	98.10 5.48 -4.27	96.07 4.80 -10.00	94.28 4.54 -8.73	94.59 4.77 -4.65	94.60 5.26 -0.20	108.34 3.59 -23.16	115.45 4.53 -20.30	145.16 5.21 -50.11	141.92 6.60 -32.27	139.37 6.13 -41.75	151.42 8.62 -24.73	133.85 8.53 -13.10	128.13 7.72 -18.89	125.98 6.36 -35.91	127.71 6.52 -35.35	135.19 5.75 -49.62	152.32 5.78 -65.12	177.32 6.93 -72.74	171.92 6.17 -78.86	161.05 5.16 -84.23	134.14 6.17 -53.60	126.96 6.29 -45.79	124.46 6.73 -37.59	115.86 6.36 -30.06
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	100.14 7.69 -4.10	97.63 6.75 -9.61	95.88 6.48 -8.39	96.54 6.90 -4.47	96.82 7.49 -0.19	109.96 6.12 -22.25	117.55 7.43 -19.50	145.43 7.46 -48.14	143.11 9.07 -30.99	139.54 7.96 -40.09	152.33 10.51 -23.75	135.12 10.32 -12.58	128.60 8.93 -18.14	125.73 7.53 -34.48	127.59 7.81 -33.95	134.50 7.02 -47.64	151.53 7.57 -62.53	177.06 9.57 -69.85	171.30 8.69 -75.73	159.50 6.95 -80.88	133.64 7.81 -51.47	126.71 7.86 -43.97	124.57 8.33 -36.10	116.09 7.79 -28.87
KIAC_JFK_GT1 23816	98.38 5.74 -4.28	96.25 4.96 -10.02	94.38 4.62 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.06 3.26 -23.21	115.30 4.35 -20.34	145.35 5.30 -50.21	142.19 6.80 -32.33	139.72 6.40 -41.83	151.47 8.62 -24.78	134.10 8.75 -13.12	128.37 7.92 -18.93	126.30 6.61 -35.98	128.04 6.78 -35.42	135.37 5.83 -49.71	152.53 5.86 -65.24	177.56 7.03 -72.88	172.16 6.26 -79.02	161.36 5.30 -84.39	134.31 6.25 -53.70	127.20 6.44 -45.88	125.10 7.29 -37.67	116.47 6.91 -30.12
KIAC_JFK_GT2 23817	98.38 5.74 -4.28	96.25 4.96 -10.02	94.38 4.62 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.06 3.26 -23.21	115.30 4.35 -20.34	145.35 5.30 -50.21	142.19 6.80 -32.33	139.72 6.40 -41.83	151.47 8.62 -24.78	134.10 8.75 -13.12	128.37 7.92 -18.93	126.30 6.61 -35.98	128.04 6.78 -35.42	135.37 5.83 -49.71	152.53 5.86 -65.24	177.56 7.03 -72.88	172.16 6.26 -79.02	161.36 5.30 -84.39	134.31 6.25 -53.70	127.20 6.44 -45.88	125.10 7.29 -37.67	116.47 6.91 -30.12
KIAC_JFK____ 323774	98.37 5.74 -4.28	96.25 4.96 -10.02	94.37 4.62 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	107.98 3.18 -23.21	115.35 4.35 -20.38	145.45 5.30 -50.32	142.18 6.80 -32.33	139.71 6.40 -41.82	151.46 8.62 -24.77	134.10 8.76 -13.12	128.38 7.92 -18.93	126.22 6.53 -35.97	128.03 6.78 -35.42	135.36 5.82 -49.71	152.60 5.94 -65.24	177.55 7.03 -72.87	172.15 6.26 -79.01	161.27 5.23 -84.38	134.68 6.62 -53.70	127.41 6.66 -45.87	125.57 7.77 -37.66	116.62 7.07 -30.12
KINTIGH____ 23543	82.17 -6.80 -0.61	76.70 -6.01 -1.44	76.43 -5.83 -1.26	79.79 -6.05 -0.67	81.50 -5.87 -0.03	79.05 -5.87 -3.33	86.56 -6.98 -2.92	89.52 -8.53 -8.22	97.83 -10.61 -5.39	89.04 -9.42 -6.97	108.98 -13.22 -4.13	101.50 -12.91 -2.19	92.90 -11.78 -3.15	79.83 -9.88 -6.00	81.70 -10.04 -5.90	79.41 -8.70 -8.29	83.51 -8.79 -10.88	99.15 -10.64 -12.15	90.85 -9.21 -13.17	78.06 -7.67 -14.07	75.42 -7.96 -9.01	74.72 -7.86 -7.70	78.25 -7.45 -5.57	77.46 -6.43 -4.45
KNTFSRNC_46_KV_46KV_LOAD 80397	89.86 1.50 0.00	82.41 1.14 0.00	82.23 1.22 0.00	86.36 1.19 0.00	90.75 1.60 0.00	82.90 1.31 0.00	90.25 -0.36 0.00	90.02 0.18 0.00	100.17 -2.89 0.00	89.39 -2.10 0.00	117.49 -0.59 0.00	110.76 -1.46 0.00	100.72 -0.81 0.00	82.03 -1.67 0.00	83.78 -2.06 0.00	78.15 -1.68 0.00	79.15 -2.28 0.00	94.42 -3.22 0.00	83.67 -3.21 0.00	71.16 -0.50 0.00	74.66 0.30 0.00	74.81 -0.07 0.00	79.74 -0.40 0.00	79.44 0.00 0.00
LACHUTE____HYDRO 323717	104.55 10.42 -5.77	103.97 9.18 -13.52	102.12 9.31 -11.80	101.07 9.62 -6.28	100.10 10.69 -0.27	122.35 9.46 -31.30	129.60 11.51 -27.47	169.24 11.50 -67.90	160.27 13.50 -43.72	159.66 11.62 -56.55	166.33 14.76 -33.50	143.31 13.35 -17.74	138.79 11.67 -25.59	141.89 9.54 -48.64	143.51 9.78 -47.89	156.70 9.66 -67.21	180.06 10.43 -88.21	208.97 12.79 -98.54	205.19 11.47 -106.83	195.01 9.25 -114.10	156.95 9.97 -72.61	146.79 9.88 -62.03	140.78 9.77 -50.87	129.65 9.53 -40.68
LAWRNCV_115KV_TB1 80681	86.24 -2.12 0.00	79.16 -2.11 0.00	78.98 -2.03 0.00	83.04 -2.13 0.00	87.09 -2.05 0.00	79.72 -1.88 0.00	88.07 -2.99 -0.44	88.42 -2.52 -1.10	98.72 -5.05 -0.72	88.21 -4.21 -0.93	114.61 -4.01 -0.55	108.02 -4.49 -0.29	98.39 -3.55 -0.42	80.74 -3.77 -0.80	82.50 -4.12 -0.79	77.26 -3.67 -1.10	78.72 -4.15 -1.45	93.79 -5.47 -1.62	83.43 -5.21 -1.75	70.96 -2.58 -1.87	73.73 -1.86 -1.22	73.90 -2.02 -1.04	78.67 -2.32 -0.85	77.74 -2.38 -0.68
LEDERLE____ 23769	97.59 5.12 -4.11	95.38 4.47 -9.64	93.64 4.21 -8.42	94.16 4.51 -4.48	94.24 4.90 -0.19	107.34 3.43 -22.32	114.53 4.35 -19.56	143.07 4.94 -48.29	140.44 6.29 -31.10	137.58 5.86 -40.23	150.05 8.15 -23.83	132.93 8.08 -12.62	126.94 7.21 -18.21	124.34 6.03 -34.61	126.09 6.18 -34.07	133.07 5.43 -47.82	149.64 5.46 -62.76	174.39 6.64 -70.10	168.80 5.91 -76.00	157.78 4.94 -81.18	131.82 5.80 -51.65	124.92 5.92 -44.13	122.70 6.33 -36.23	114.37 5.96 -28.97
LIGHTHSE_115KV_TB6 355974	87.17 -1.50 -0.32	80.55 -1.46 -0.74	80.28 -1.38 -0.65	83.98 -1.53 -0.34	87.46 -1.69 -0.01	81.92 -1.39 -1.71	90.78 -1.36 -1.52	92.34 -1.26 -3.76	103.78 -1.65 -2.38	93.01 -1.56 -3.07	117.89 -2.01 -1.82	111.28 -1.91 -0.96	101.19 -1.73 -1.39	85.01 -1.34 -2.64	87.07 -1.37 -2.60	82.20 -1.28 -3.65	85.00 -1.22 -4.80	101.83 -1.17 -5.36	91.56 -1.13 -5.81	76.79 -1.07 -6.20	77.52 -0.89 -4.05	77.44 -0.90 -3.46	81.85 -1.12 -2.83	80.60 -1.11 -2.27
LINDEN COGEN____ 23786	37.92 5.03 55.47	35.72 4.39 49.94	34.39 4.05 50.67	34.63 4.26 54.80	36.48 4.72 57.38	42.03 3.02 42.58	46.19 3.98 48.41	73.14 4.85 21.54	52.75 6.18 56.49	47.40 5.86 49.95	47.28 8.62 79.41	46.54 8.64 74.32	44.26 7.71 64.98	44.06 6.45 46.10	44.06 6.61 48.39	44.26 5.67 41.24	44.26 5.70 42.86	54.26 6.73 50.12	49.38 5.91 43.42	44.26 5.01 32.42	44.26 6.32 36.43	43.39 6.36 37.85	44.26 7.22 43.09	41.76 6.67 44.35
LINDHRST_69_KV_BK1 356055	100.85 8.22 -4.28	98.29 6.99 -10.03	96.40 6.64 -8.75	96.56 6.73 -4.66	97.10 7.76 -0.20	109.86 5.06 -23.21	117.57 6.61 -20.34	147.34 7.28 -50.22	145.29 9.89 -32.34	143.12 9.79 -41.84	155.86 12.99 -24.80	156.82 12.79 -31.80	154.91 11.47 -41.91	156.05 9.54 -62.80	156.11 9.87 -60.41	151.45 8.86 -62.77	193.27 9.12 -102.73	224.11 11.03 -115.43	215.61 9.91 -118.82	189.71 8.17 -109.87	176.23 9.22 -92.64	154.01 9.36 -69.77	127.75 9.94 -37.68	119.28 9.69 -30.14
LIPA_MISC_IPP 23656	101.03 8.39 -4.28	98.45 7.15 -10.03	96.49 6.72 -8.75	96.64 6.81 -4.66	97.28 7.93 -0.20	110.03 5.22 -23.21	117.85 6.89 -20.34	147.16 7.10 -50.22	145.60 10.20 -32.34	143.57 10.25 -41.84	156.57 13.70 -24.80	157.49 13.47 -31.80	155.62 12.18 -41.91	156.72 10.21 -62.80	156.80 10.56 -60.41	152.17 9.58 -62.77	194.09 9.93 -102.73	225.29 12.21 -115.44	216.48 10.77 -118.82	190.42 8.89 -109.87	176.97 9.97 -92.64	154.68 10.03 -69.77	128.31 10.50 -37.68	119.67 10.09 -30.14
LISF____SOLAR 323691	101.20 8.57 -4.28	98.62 7.32 -10.03	96.64 6.88 -8.75	96.90 7.07 -4.66	97.45 8.11 -0.20	110.36 5.55 -23.21	118.07 7.07 -20.39	147.53 7.37 -50.33	146.01 10.62 -32.34	143.75 10.43 -41.83	156.92 14.04 -24.80	157.82 13.80 -31.80	155.81 12.38 -41.91	156.88 10.38 -62.80	157.05 10.82 -60.40	152.40 9.82 -62.76	194.40 10.26 -102.72	225.58 12.50 -115.43	216.74 11.04 -118.81	190.55 9.03 -109.86	177.49 10.49 -92.64	155.05 10.40 -69.76	128.79 10.98 -37.67	119.90 10.32 -30.14

LITTLE FALLS___HYD 24013	92.69 4.33 0.00	85.09 3.82 0.00	84.90 3.89 0.00	89.26 4.09 0.00	93.51 4.37 0.00	85.34 3.75 0.00	94.78 4.17 0.00	93.97 4.13 0.00	107.69 4.64 0.00	95.70 4.21 0.00	123.63 5.55 0.00	117.50 5.27 0.00	106.20 4.67 0.00	87.48 3.77 0.00	89.61 3.78 0.00	83.18 3.35 0.00	84.76 3.34 0.00	101.45 3.81 0.00	90.01 3.13 0.00	74.10 2.44 0.00	77.04 2.68 0.00	77.50 2.62 0.00	82.86 2.72 0.00	82.14 2.70 0.00
LITTLRIV_115KV_TB1 356100	87.30 -1.06 0.00	80.14 -1.14 0.00	79.96 -1.05 0.00	84.06 -1.11 0.00	88.25 -0.89 0.00	80.86 -0.73 0.00	89.53 -1.54 -0.46	89.89 -1.08 -1.13	100.39 -3.40 -0.74	89.70 -2.74 -0.95	116.40 -2.24 -0.57	109.72 -2.81 -0.30	99.93 -2.03 -0.43	81.94 -2.59 -0.82	83.81 -2.83 -0.81	78.49 -2.47 -1.13	80.07 -2.85 -1.49	95.50 -3.81 -1.66	84.87 -3.82 -1.80	72.16 -1.43 -1.93	74.88 -0.74 -1.25	74.98 -0.97 -1.07	79.81 -1.20 -0.88	78.87 -1.27 -0.70
LI_NEWBRDGE___DRP 323616	99.00 6.36 -4.28	96.74 5.45 -10.03	94.87 5.10 -8.75	95.03 5.20 -4.66	95.31 5.97 -0.20	108.31 3.51 -23.21	115.76 4.80 -20.34	145.45 5.39 -50.22	142.92 7.52 -32.34	141.01 7.69 -41.84	153.03 10.15 -24.80	154.01 9.99 -31.80	152.47 9.04 -41.91	153.96 7.45 -62.80	153.88 7.64 -60.41	149.46 6.87 -62.77	191.07 6.92 -102.73	221.37 8.30 -115.43	213.01 7.30 -118.82	187.70 6.16 -109.87	174.22 7.21 -92.64	151.98 7.34 -69.77	125.91 8.09 -37.68	117.45 7.86 -30.14
LOCKPORT_115KV_TB60_63_64 80432	80.19 -8.84 -0.67	74.95 -7.88 -1.56	74.76 -7.61 -1.36	77.97 -7.92 -0.73	80.44 -8.74 -0.03	77.54 -7.67 -3.62	84.64 -9.15 -3.18	85.37 -10.87 -6.40	94.12 -13.19 -4.25	85.18 -11.80 -5.49	105.16 -16.18 -3.26	98.24 -15.71 -1.73	89.70 -14.32 -2.49	76.38 -12.05 -4.73	78.13 -12.36 -4.65	75.50 -10.86 -6.53	79.00 -10.99 -8.57	94.13 -13.08 -9.57	85.79 -11.47 -10.38	73.21 -9.53 -11.08	71.52 -9.97 -7.12	71.00 -9.96 -6.08	76.43 -9.78 -6.07	75.72 -8.58 -4.86
LOCKPORT___CC1 323769	79.93 -9.10 -0.67	74.80 -8.05 -1.57	74.61 -7.78 -1.37	77.21 -8.69 -0.73	79.81 -9.36 -0.03	77.09 -8.16 -3.66	84.13 -9.79 -3.31	84.89 -11.59 -6.64	93.33 -14.01 -4.29	84.40 -12.63 -5.54	104.24 -17.12 -3.28	97.35 -16.61 -1.74	88.91 -15.13 -2.51	75.83 -12.64 -4.76	77.56 -12.96 -4.69	74.99 -11.42 -6.58	78.34 -11.72 -8.64	93.42 -13.87 -9.65	85.10 -12.25 -10.46	73.09 -9.75 -11.17	71.28 -10.19 -7.10	70.61 -10.33 -6.06	75.83 -10.42 -6.11	75.43 -8.90 -4.89
LOCKPORT___CC2 323770	79.93 -9.10 -0.67	74.80 -8.05 -1.57	74.61 -7.78 -1.37	77.21 -8.69 -0.73	79.81 -9.36 -0.03	77.09 -8.16 -3.66	84.13 -9.79 -3.31	84.89 -11.59 -6.64	93.33 -14.01 -4.29	84.40 -12.63 -5.54	104.24 -17.12 -3.28	97.35 -16.61 -1.74	88.91 -15.13 -2.51	75.83 -12.64 -4.76	77.56 -12.96 -4.69	74.99 -11.42 -6.58	78.34 -11.72 -8.64	93.42 -13.87 -9.65	85.10 -12.25 -10.46	73.09 -9.75 -11.17	71.28 -10.19 -7.10	70.61 -10.33 -6.06	75.83 -10.42 -6.11	75.43 -8.90 -4.89
LOCKPORT___CC3 323771	79.93 -9.10 -0.67	74.80 -8.05 -1.57	74.61 -7.78 -1.37	77.21 -8.69 -0.73	79.81 -9.36 -0.03	77.09 -8.16 -3.66	84.13 -9.79 -3.31	84.89 -11.59 -6.64	93.33 -14.01 -4.29	84.40 -12.63 -5.54	104.24 -17.12 -3.28	97.35 -16.61 -1.74	88.91 -15.13 -2.51	75.83 -12.64 -4.76	77.56 -12.96 -4.69	74.99 -11.42 -6.58	78.34 -11.72 -8.64	93.42 -13.87 -9.65	85.10 -12.25 -10.46	73.09 -9.75 -11.17	71.28 -10.19 -7.10	70.61 -10.33 -6.06	75.83 -10.42 -6.11	75.43 -8.90 -4.89
LONG_LAKE_PHOENIX 24014	86.33 -2.39 -0.35	79.91 -2.19 -0.83	79.55 -2.19 -0.72	83.17 -2.38 -0.39	86.57 -2.59 -0.02	81.31 -2.20 -1.92	89.86 -2.45 -1.69	91.69 -2.34 -4.18	102.86 -2.78 -2.59	92.28 -2.56 -3.35	116.64 -3.42 -1.98	110.02 -3.25 -1.05	100.10 -2.94 -1.52	84.33 -2.26 -2.88	86.35 -2.32 -2.84	81.73 -2.08 -3.98	84.61 -2.04 -5.22	101.13 -2.34 -5.83	91.21 -2.00 -6.33	76.63 -1.79 -6.76	77.07 -1.71 -4.41	76.85 -1.80 -3.77	81.30 -1.92 -3.09	80.00 -1.91 -2.47
LOVETT___3 23632	97.17 4.68 -4.13	95.01 4.06 -9.68	93.35 3.89 -8.45	93.76 4.09 -4.50	93.79 4.46 -0.19	106.94 2.94 -22.41	114.06 3.81 -19.64	142.71 4.40 -48.47	139.94 5.67 -31.22	137.18 5.31 -40.39	149.44 7.44 -23.92	132.30 7.41 -12.67	126.50 6.70 -18.28	123.97 5.52 -34.74	125.70 5.67 -34.20	132.78 4.95 -48.00	149.47 5.05 -62.99	174.07 6.05 -70.37	168.57 5.39 -76.29	157.59 4.44 -81.48	131.64 5.43 -51.85	124.72 5.54 -44.29	122.36 5.85 -36.37	114.08 5.56 -29.08
LOVETT___4 23642	97.17 4.68 -4.13	95.01 4.06 -9.68	93.35 3.89 -8.45	93.76 4.09 -4.50	93.79 4.46 -0.19	106.94 2.94 -22.41	114.06 3.81 -19.64	142.71 4.40 -48.47	139.94 5.67 -31.22	137.18 5.31 -40.39	149.44 7.44 -23.92	132.30 7.41 -12.67	126.50 6.70 -18.28	123.97 5.52 -34.74	125.70 5.67 -34.20	132.78 4.95 -48.00	149.47 5.05 -62.99	174.07 6.05 -70.37	168.57 5.39 -76.29	157.59 4.44 -81.48	131.64 5.43 -51.85	124.72 5.54 -44.29	122.36 5.85 -36.37	114.08 5.56 -29.08
LOVETT___5 23593	97.17 4.68 -4.13	95.01 4.06 -9.68	93.35 3.89 -8.45	93.76 4.09 -4.50	93.79 4.46 -0.19	106.94 2.94 -22.41	114.06 3.81 -19.64	142.71 4.40 -48.47	139.94 5.67 -31.22	137.18 5.31 -40.39	149.44 7.44 -23.92	132.30 7.41 -12.67	126.50 6.70 -18.28	123.97 5.52 -34.74	125.70 5.67 -34.20	132.78 4.95 -48.00	149.47 5.05 -62.99	174.07 6.05 -70.37	168.57 5.39 -76.29	157.59 4.44 -81.48	131.64 5.43 -51.85	124.72 5.54 -44.29	122.36 5.85 -36.37	114.08 5.56 -29.08
LOWER RAQUET___HYD 24057	85.79 -2.57 0.00	78.75 -2.52 0.00	78.58 -2.43 0.00	82.70 -2.47 0.00	86.74 -2.40 0.00	79.93 -2.20 -0.54	88.01 -3.08 -0.48	88.23 -2.79 -1.18	98.47 -5.36 -0.77	88.47 -4.02 -1.00	114.18 -4.49 -0.59	107.71 -4.82 -0.31	98.12 -3.86 -0.45	80.55 -4.02 -0.86	82.31 -4.37 -0.85	77.11 -3.91 -1.19	78.59 -4.40 -1.56	93.63 -5.76 -1.75	83.31 -5.47 -1.89	70.89 -2.80 -2.02	72.06 -2.31 0.00	72.56 -2.32 0.00	77.49 -2.64 0.00	76.66 -2.78 0.00
LOWER___HUDSON 24059	98.79 4.77 -5.66	98.85 4.30 -13.27	96.97 4.37 -11.59	95.94 4.60 -6.17	94.31 4.90 -0.26	116.00 3.67 -30.73	121.77 4.17 -26.98	160.48 3.95 -66.69	150.48 4.53 -42.90	150.91 3.93 -55.49	155.90 4.96 -32.87	134.13 4.49 -17.41	130.80 4.16 -25.11	134.79 3.35 -47.73	136.26 3.44 -46.99	149.05 3.27 -65.95	171.40 3.42 -86.56	198.53 4.20 -96.69	195.45 3.73 -104.83	186.64 3.01 -111.96	149.63 4.01 -71.25	139.71 3.97 -60.87	134.22 4.16 -49.92	123.48 4.13 -39.92
LOWVILLE_115KV_TB2 356335	89.13 0.62 -0.15	82.12 0.49 -0.36	81.89 0.57 -0.31	86.02 0.68 -0.17	89.95 0.80 -0.01	83.40 0.98 -0.83	92.76 1.36 -0.79	93.40 1.62 -1.95	105.67 1.34 -1.28	94.24 1.10 -1.65	120.59 1.53 -0.98	114.09 1.35 -0.52	103.49 1.22 -0.75	86.05 0.92 -1.42	88.09 0.86 -1.40	82.67 0.88 -1.96	84.65 0.65 -2.58	101.40 0.88 -2.88	90.27 0.26 -3.12	75.28 0.29 -3.33	76.98 0.45 -2.17	77.03 0.30 -1.85	81.66 0.00 -1.52	80.58 -0.08 -1.21
LUTHERFT_115KV_GLOB_FND_222 355753	100.04 5.92 -5.76	100.13 5.36 -13.50	98.14 5.35 -11.78	96.98 5.54 -6.27	95.47 6.06 -0.27	117.74 4.90 -31.25	123.80 5.80 -27.39	163.18 5.66 -67.69	153.29 6.60 -43.65	153.62 5.67 -56.46	158.72 7.20 -33.44	136.45 6.51 -17.72	132.97 5.89 -25.55	137.05 4.77 -48.57	138.54 4.89 -47.81	151.72 4.79 -67.10	174.63 5.13 -88.07	202.27 6.25 -98.38	199.11 5.56 -106.66	190.10 4.51 -113.92	152.21 5.35 -72.49	142.13 5.32 -61.93	136.38 5.45 -50.79	125.38 5.32 -40.61

LUTHERNY_35_KV_BK2 355980	100.12 6.01 -5.76	100.13 5.36 -13.50	98.22 5.43 -11.78	97.06 5.62 -6.27	95.56 6.15 -0.27	117.82 4.98 -31.25	123.80 5.80 -27.39	163.27 5.75 -67.69	153.40 6.70 -43.65	153.72 5.76 -56.46	158.72 7.20 -33.44	136.56 6.62 -17.72	133.07 5.99 -25.55	137.13 4.86 -48.57	138.63 4.98 -47.81	151.80 4.87 -67.10	174.71 5.21 -88.07	202.37 6.35 -98.38	199.19 5.65 -106.66	190.17 4.59 -113.92	152.29 5.43 -72.49	142.20 5.39 -61.93	136.38 5.45 -50.79	125.46 5.40 -40.61
LWR___OSWEGATCHIE_HYD 23850	86.44 -2.03 -0.11	79.59 -1.95 -0.27	79.30 -1.94 -0.23	83.34 -1.96 -0.12	87.19 -1.96 -0.01	80.58 -1.63 -0.62	89.19 -2.08 -0.66	89.77 -1.71 -1.64	100.93 -3.19 -1.07	90.03 -2.84 -1.38	115.94 -2.95 -0.82	109.51 -3.14 -0.43	99.61 -2.54 -0.62	82.30 -2.59 -1.19	84.26 -2.75 -1.17	78.99 -2.47 -1.64	80.81 -2.77 -2.15	96.63 -3.42 -2.40	86.02 -3.48 -2.61	72.44 -2.01 -2.78	74.62 -1.56 -1.81	74.71 -1.72 -1.55	79.32 -2.08 -1.27	78.23 -2.22 -1.02
LYONS_FALL_HYD 23570	89.83 1.33 -0.14	82.75 1.14 -0.34	82.52 1.22 -0.29	86.68 1.36 -0.16	90.66 1.51 -0.01	83.97 1.55 -0.83	93.36 1.99 -0.75	93.85 2.15 -1.86	106.44 2.17 -1.22	94.99 1.92 -1.57	121.49 2.48 -0.93	114.96 2.24 -0.49	104.27 2.03 -0.71	86.65 1.59 -1.35	88.79 1.63 -1.33	83.21 1.51 -1.87	85.35 1.47 -2.45	102.24 1.85 -2.74	91.16 1.31 -2.97	75.91 1.08 -3.17	77.54 1.26 -1.91	77.63 1.12 -1.63	82.51 1.04 -1.33	81.46 0.96 -1.07
MADISON___COUNTY_LFGE 323628	91.08 2.47 -0.25	84.15 2.28 -0.60	83.88 2.35 -0.52	88.00 2.56 -0.28	91.83 2.67 -0.01	85.58 2.61 -1.38	95.20 3.35 -1.23	96.29 3.41 -3.04	108.93 3.81 -2.06	97.36 3.20 -2.67	123.55 3.90 -1.58	116.76 3.70 -0.84	105.98 3.25 -1.21	88.76 2.76 -2.29	91.01 2.92 -2.26	85.79 2.79 -3.17	88.60 3.01 -4.16	106.00 3.71 -4.65	95.05 3.13 -5.04	79.41 2.36 -5.38	80.46 2.60 -3.49	80.33 2.47 -2.98	85.22 2.64 -2.44	84.02 2.62 -1.95
MALONE___115KV_TB1 356076	88.89 0.53 0.00	81.52 0.24 0.00	81.25 0.24 0.00	85.43 0.26 0.00	89.77 0.62 0.00	82.08 0.49 0.00	90.35 -0.63 -0.37	90.57 -0.18 -0.91	100.97 -2.68 -0.60	90.25 -2.01 -0.77	117.59 -0.94 -0.46	110.78 -1.68 -0.24	100.86 -1.02 -0.35	82.53 -1.84 -0.66	84.26 -2.23 -0.65	78.91 -1.84 -0.92	80.27 -2.36 -1.20	95.57 -3.42 -1.34	84.96 -3.39 -1.46	72.58 -0.64 -1.56	75.46 0.07 -1.01	75.45 -0.30 -0.87	80.21 -0.64 -0.71	79.29 -0.71 -0.57
MAPLEWOD_115KV_TB3 80458	98.24 4.24 -5.64	98.40 3.90 -13.22	96.60 4.05 -11.54	95.49 4.17 -6.15	93.95 4.55 -0.26	115.47 3.26 -30.62	120.72 3.26 -26.84	159.04 2.87 -66.33	149.19 3.40 -42.73	149.79 3.02 -55.28	154.48 3.66 -32.74	132.93 3.37 -17.34	129.69 3.15 -25.01	133.77 2.51 -47.55	135.22 2.58 -46.81	147.92 2.39 -65.70	170.17 2.52 -86.23	196.99 3.03 -96.32	194.01 2.69 -104.43	185.42 2.22 -111.53	148.46 3.12 -70.97	138.66 3.14 -60.63	133.31 3.45 -49.73	122.70 3.50 -39.76
MAPLE_RIDGE_WT_1 323574	88.27 -0.09 0.00	81.19 -0.08 0.00	80.93 -0.08 0.00	85.08 -0.09 0.00	89.05 -0.09 0.00	81.27 -0.33 0.00	89.89 -0.73 0.00	89.21 -0.62 0.00	101.40 -1.65 0.00	90.40 -1.09 0.00	117.01 -1.06 0.00	110.88 -1.34 0.00	100.51 -1.02 0.00	82.54 -1.17 0.00	84.46 -1.38 0.00	78.63 -1.20 0.00	79.88 -1.55 0.00	95.49 -2.15 0.00	84.72 -2.17 0.00	70.45 -1.22 0.00	73.70 -0.67 0.00	74.13 -0.75 0.00	79.34 -0.80 0.00	78.57 -0.87 0.00
MAPLE_RIDGE_WT_2 323611	88.27 -0.09 0.00	81.19 -0.08 0.00	80.93 -0.08 0.00	85.08 -0.09 0.00	89.05 -0.09 0.00	81.27 -0.33 0.00	89.89 -0.73 0.00	89.21 -0.62 0.00	101.40 -1.65 0.00	90.40 -1.09 0.00	117.01 -1.06 0.00	110.88 -1.34 0.00	100.51 -1.02 0.00	82.54 -1.17 0.00	84.46 -1.38 0.00	78.63 -1.20 0.00	79.88 -1.55 0.00	95.49 -2.15 0.00	84.72 -2.17 0.00	70.45 -1.22 0.00	73.70 -0.67 0.00	74.13 -0.75 0.00	79.34 -0.80 0.00	78.57 -0.87 0.00
MARBLE_RIVER_WT_PWR 323696	88.27 -0.09 0.00	81.11 -0.16 0.00	80.85 -0.16 0.00	85.00 -0.17 0.00	89.14 0.00 0.00	81.43 -0.16 0.00	89.07 -1.54 0.00	88.58 -1.26 0.00	98.93 -4.13 0.00	88.75 -2.74 0.00	115.72 -2.36 0.00	109.20 -3.02 0.00	99.20 -2.33 0.00	80.78 -2.93 0.00	82.49 -3.35 0.00	76.96 -2.87 0.00	77.93 -3.50 0.00	92.76 -4.88 0.00	82.19 -4.69 0.00	69.66 -2.01 0.00	73.10 -1.26 0.00	73.61 -1.27 0.00	78.53 -1.60 0.00	78.01 -1.43 0.00
MARSHVLE_115KV_TB1 80742	100.36 5.57 -6.44	101.25 4.88 -15.10	99.13 4.94 -13.18	97.21 5.03 -7.02	95.15 5.71 -0.30	121.61 5.06 -34.96	127.96 6.71 -30.64	172.32 6.83 -75.66	158.85 7.01 -48.79	159.82 5.21 -63.12	161.84 6.38 -37.39	137.08 5.05 -19.80	134.25 4.16 -28.56	141.52 3.52 -54.29	143.06 3.78 -53.45	159.55 4.71 -75.02	185.82 5.94 -98.45	215.14 7.52 -109.98	212.99 6.86 -119.24	204.46 5.45 -127.35	161.36 5.95 -81.04	150.18 6.07 -69.23	142.81 5.85 -56.83	130.44 5.56 -45.44
MARSH_HILL_WT_PWR 323713	86.63 -2.65 -0.92	81.33 -2.11 -2.17	80.96 -1.95 -1.89	84.05 -2.13 -1.01	87.58 -1.60 -0.04	85.31 -1.31 -5.03	93.81 -1.36 -4.55	98.25 -1.89 -10.31	107.05 -2.68 -6.68	97.11 -3.02 -8.63	118.58 -4.61 -5.11	110.22 -4.71 -2.71	101.07 -4.36 -3.91	87.54 -3.60 -7.43	89.46 -3.69 -7.31	86.97 -3.11 -10.26	91.88 -3.01 -13.46	109.26 -3.42 -15.04	100.24 -2.95 -16.30	86.35 -2.72 -17.41	82.02 -3.42 -11.07	80.29 -4.04 -9.46	83.62 -4.97 -8.45	81.27 -4.93 -6.76
MCINTYRE_115KV_TB2 80467	88.44 0.09 0.00	81.19 -0.08 0.00	81.01 0.00 0.00	85.17 0.00 0.00	89.41 0.27 0.00	81.92 0.33 0.00	90.60 -0.45 -0.44	90.92 0.00 -1.08	101.49 -2.27 -0.71	90.67 -1.74 -0.91	117.55 -1.06 -0.54	110.83 -1.68 -0.29	100.93 -1.02 -0.41	82.82 -1.67 -0.79	84.64 -1.97 -0.77	79.32 -1.60 -1.09	80.98 -1.87 -1.43	96.60 -2.64 -1.59	85.83 -2.78 -1.73	73.01 -0.50 -1.84	75.79 0.22 -1.20	75.91 0.00 -1.03	80.90 -0.08 -0.84	79.95 -0.16 -0.67
MECO_____69_KV_BK1 80468	102.51 7.95 -6.21	102.89 7.07 -14.54	100.75 7.05 -12.70	99.17 7.24 -6.76	97.45 8.02 -0.29	122.45 7.18 -33.68	129.10 8.97 -29.51	171.71 8.98 -72.89	159.75 9.69 -47.01	160.09 7.78 -60.82	163.67 9.56 -36.02	139.72 8.42 -19.08	136.26 7.21 -27.52	142.05 6.03 -52.32	143.60 6.27 -51.50	158.98 6.87 -72.28	184.44 8.14 -94.87	213.68 10.06 -105.97	210.90 9.12 -114.89	201.76 7.38 -122.71	160.49 8.03 -78.09	149.68 8.09 -66.71	142.82 7.93 -54.75	130.85 7.63 -43.78
MENANDS___115KV_TB5 355628	97.96 3.98 -5.63	98.13 3.66 -13.20	96.34 3.81 -11.52	95.31 4.00 -6.14	93.68 4.28 -0.26	115.17 3.02 -30.56	120.13 2.72 -26.79	158.31 2.25 -66.22	148.27 2.58 -42.64	148.94 2.29 -55.16	153.58 2.83 -32.67	132.11 2.58 -17.31	128.93 2.44 -24.96	133.08 1.93 -47.45	134.52 1.97 -46.71	147.22 1.84 -65.56	169.34 1.87 -86.04	196.01 2.25 -96.12	193.00 1.91 -104.20	184.54 1.58 -111.29	147.72 2.53 -70.82	137.93 2.55 -60.50	132.72 2.97 -49.62	122.14 3.02 -39.68
MG INDUSTRY___DRP 24185	97.48 3.62 -5.50	97.57 3.41 -12.88	95.74 3.48 -11.24	94.73 3.58 -5.99	93.23 3.83 -0.26	114.11 2.69 -29.83	119.20 2.45 -26.14	156.42 1.98 -64.61	146.76 2.27 -41.44	146.93 1.83 -53.61	151.95 2.13 -31.75	131.06 2.02 -16.82	127.61 1.83 -24.26	131.33 1.51 -46.11	132.77 1.55 -45.39	145.05 1.52 -63.71	166.67 1.63 -83.62	193.00 1.95 -93.41	189.89 1.74 -101.27	181.25 1.43 -108.16	145.35 2.16 -68.83	135.92 2.25 -58.80	131.00 2.64 -48.22	120.70 2.70 -38.56

MID___OSWEGATCHIE_HYD 23849	86.44 -2.03 -0.11	79.59 -1.95 -0.27	79.30 -1.94 -0.23	83.34 -1.96 -0.12	87.19 -1.96 -0.01	80.58 -1.63 -0.62	89.19 -2.08 -0.66	89.77 -1.71 -1.64	100.93 -3.19 -1.07	90.03 -2.84 -1.38	115.94 -2.95 -0.82	109.51 -3.14 -0.43	99.61 -2.54 -0.62	82.30 -2.59 -1.19	84.26 -2.75 -1.17	78.99 -2.47 -1.64	80.81 -2.77 -2.15	96.63 -3.42 -2.40	86.02 -3.48 -2.61	72.44 -2.01 -2.78	74.62 -1.56 -1.81	74.71 -1.72 -1.55	79.32 -2.08 -1.27	78.23 -2.22 -1.02
MID___RAQUETTE_HYD 23851	85.79 -2.56 0.00	78.75 -2.52 0.00	78.58 -2.43 0.00	82.61 -2.56 0.00	86.74 -2.41 0.00	79.39 -2.20 0.00	87.82 -3.26 -0.47	88.12 -2.87 -1.16	98.45 -5.36 -0.76	87.99 -4.48 -0.98	114.17 -4.49 -0.58	107.70 -4.83 -0.31	98.01 -3.96 -0.44	80.53 -4.02 -0.84	82.29 -4.38 -0.83	77.08 -3.91 -1.17	78.56 -4.40 -1.53	93.59 -5.76 -1.71	83.26 -5.47 -1.85	70.85 -2.79 -1.98	73.50 -2.16 -1.29	73.58 -2.40 -1.10	78.39 -2.64 -0.90	77.38 -2.78 -0.72
MILLIKEN___1 23584	90.30 1.06 -0.88	84.32 0.98 -2.07	83.87 1.05 -1.81	87.24 1.11 -0.96	90.43 1.25 -0.04	87.61 1.22 -4.79	97.36 2.54 -4.21	102.73 2.61 -10.29	112.47 2.47 -6.94	102.39 1.92 -8.98	125.52 2.13 -5.32	116.83 1.80 -2.82	107.21 1.62 -4.06	92.94 1.51 -7.72	95.07 1.63 -7.60	92.17 1.68 -10.67	97.46 2.04 -14.00	116.02 2.73 -15.64	106.36 2.52 -16.95	91.64 1.86 -18.11	87.99 1.93 -11.69	86.67 1.80 -9.99	90.17 1.76 -8.28	87.81 1.75 -6.62
MILLIKEN___2 23585	90.30 1.06 -0.88	84.32 0.98 -2.07	83.87 1.05 -1.81	87.24 1.11 -0.96	90.43 1.25 -0.04	87.61 1.22 -4.79	97.36 2.54 -4.21	102.73 2.61 -10.29	112.47 2.47 -6.94	102.39 1.92 -8.98	125.52 2.13 -5.32	116.83 1.80 -2.82	107.21 1.62 -4.06	92.94 1.51 -7.72	95.07 1.63 -7.60	92.17 1.68 -10.67	97.46 2.04 -14.00	116.02 2.73 -15.64	106.36 2.52 -16.95	91.64 1.86 -18.11	87.99 1.93 -11.69	86.67 1.80 -9.99	90.17 1.76 -8.28	87.81 1.75 -6.62
MILLIKEN___DIESEL 23629	90.30 1.06 -0.88	84.32 0.98 -2.07	83.87 1.05 -1.81	87.24 1.11 -0.96	90.43 1.25 -0.04	87.61 1.22 -4.79	97.36 2.54 -4.21	102.73 2.61 -10.29	112.47 2.47 -6.94	102.39 1.92 -8.98	125.52 2.13 -5.32	116.83 1.80 -2.82	107.21 1.62 -4.06	92.94 1.51 -7.72	95.07 1.63 -7.60	92.17 1.68 -10.67	97.46 2.04 -14.00	116.02 2.73 -15.64	106.36 2.52 -16.95	91.64 1.86 -18.11	87.99 1.93 -11.69	86.67 1.80 -9.99	90.17 1.76 -8.28	87.81 1.75 -6.62
MILLSEAT___LFGE 323607	82.28 -6.72 -0.65	76.86 -5.93 -1.51	76.58 -5.75 -1.32	79.57 -6.30 -0.70	82.22 -6.95 -0.03	79.32 -5.79 -3.52	86.90 -6.89 -3.18	88.16 -8.35 -6.68	97.06 -10.30 -4.31	87.64 -9.42 -5.57	108.39 -12.99 -3.30	101.41 -12.57 -1.75	92.58 -11.47 -2.52	78.80 -9.71 -4.80	80.60 -9.96 -4.72	77.83 -8.62 -6.63	81.41 -8.71 -8.69	97.10 -10.25 -9.71	88.38 -9.04 -10.53	75.67 -7.24 -11.24	73.78 -7.74 -7.14	73.05 -7.94 -6.10	78.01 -8.01 -5.89	77.47 -6.67 -4.71
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	97.91 5.30 -4.25	95.87 4.63 -9.97	94.08 4.37 -8.70	94.49 4.68 -4.63	94.42 5.08 -0.20	108.18 3.51 -23.08	115.28 4.44 -20.22	144.79 5.03 -49.93	141.59 6.39 -32.15	139.03 5.95 -41.59	150.98 8.27 -24.63	133.58 8.30 -13.05	127.76 7.41 -18.82	125.59 6.11 -35.77	127.32 6.27 -35.22	134.77 5.51 -49.43	151.92 5.62 -64.87	176.85 6.74 -72.47	171.36 5.91 -78.57	160.52 4.94 -83.91	133.71 5.95 -53.40	126.56 6.07 -45.62	124.08 6.49 -37.45	115.58 6.20 -29.95
MILLWOOD_13_KV_LOAD 356217	98.09 5.48 -4.25	96.12 4.88 -9.97	94.33 4.62 -8.70	94.66 4.85 -4.63	94.69 5.35 -0.20	108.34 3.67 -23.08	115.55 4.71 -20.22	145.15 5.39 -49.93	141.90 6.70 -32.15	139.30 6.22 -41.59	151.33 8.62 -24.63	133.91 8.64 -13.05	128.06 7.72 -18.82	125.93 6.45 -35.77	127.66 6.61 -35.22	135.09 5.83 -49.43	152.16 5.86 -64.87	177.24 7.13 -72.47	171.71 6.26 -78.57	160.81 5.23 -83.91	134.01 6.25 -53.40	126.86 6.36 -45.62	124.32 6.73 -37.45	115.82 6.43 -29.95
MODEL_CITY_ENERGY 24167	79.49 -9.54 -0.68	74.25 -8.62 -1.59	74.14 -8.26 -1.39	76.97 -8.94 -0.74	79.37 -9.81 -0.03	76.73 -8.57 -3.70	83.63 -10.33 -3.35	84.30 -12.13 -6.60	92.57 -14.74 -4.26	83.82 -13.17 -5.50	103.50 -17.83 -3.26	96.67 -17.28 -1.73	88.18 -15.84 -2.49	75.30 -13.14 -4.73	77.02 -13.47 -4.66	74.47 -11.90 -6.54	77.79 -12.22 -8.58	92.77 -14.45 -9.58	84.50 -12.77 -10.39	72.44 -10.32 -11.09	70.63 -10.78 -7.05	69.97 -10.93 -6.02	75.34 -10.98 -6.18	75.01 -9.37 -4.94
MODERN_LFGE___ 323580	79.49 -9.54 -0.68	74.25 -8.62 -1.59	74.14 -8.26 -1.39	76.97 -8.94 -0.74	79.37 -9.81 -0.03	76.73 -8.57 -3.70	83.63 -10.33 -3.35	84.30 -12.13 -6.60	92.57 -14.74 -4.26	83.82 -13.17 -5.50	103.50 -17.83 -3.26	96.67 -17.28 -1.73	88.18 -15.84 -2.49	75.30 -13.14 -4.73	77.02 -13.47 -4.66	74.47 -11.90 -6.54	77.79 -12.22 -8.58	92.77 -14.45 -9.58	84.50 -12.77 -10.39	72.44 -10.32 -11.09	70.63 -10.78 -7.05	69.97 -10.93 -6.02	75.34 -10.98 -6.18	75.01 -9.37 -4.94
MOHAWK_PAPER___DRP 24187	98.24 4.24 -5.64	98.40 3.90 -13.22	96.60 4.05 -11.54	95.49 4.17 -6.15	93.95 4.55 -0.26	115.47 3.26 -30.62	120.72 3.26 -26.84	159.04 2.87 -66.33	149.19 3.40 -42.73	149.79 3.02 -55.28	154.48 3.66 -32.74	132.93 3.37 -17.34	129.69 3.15 -25.01	133.77 2.51 -47.55	135.22 2.58 -46.81	147.92 2.39 -65.70	170.17 2.52 -86.23	196.99 3.03 -96.32	194.01 2.69 -104.43	185.42 2.22 -111.53	148.46 3.12 -70.97	138.66 3.14 -60.63	133.31 3.45 -49.73	122.70 3.50 -39.76
MOHICAN___35_KV_115KV_LD 80490	101.37 7.25 -5.76	101.28 6.50 -13.51	99.36 6.56 -11.79	98.18 6.73 -6.28	96.90 7.49 -0.27	119.15 6.28 -31.28	125.64 7.61 -27.41	165.13 7.55 -67.75	155.50 8.76 -43.69	155.60 7.59 -56.52	161.12 9.56 -33.48	138.71 8.75 -17.73	134.82 7.72 -25.57	138.60 6.28 -48.61	140.13 6.44 -47.86	153.30 6.31 -67.17	176.42 6.84 -88.16	204.52 8.40 -98.48	201.12 7.47 -106.76	191.71 6.02 -114.03	153.85 6.92 -72.56	143.68 6.81 -61.99	137.79 6.81 -50.84	126.69 6.59 -40.65
MONGAUP___HYD 23641	97.74 5.48 -3.90	95.22 4.79 -9.15	93.61 4.62 -7.99	94.36 4.94 -4.25	94.58 5.26 -0.18	106.86 4.08 -21.19	113.67 4.44 -18.61	140.63 4.85 -45.94	137.52 4.95 -29.52	134.70 5.03 -38.18	147.42 6.73 -22.62	130.82 6.62 -11.98	124.49 5.68 -17.28	121.41 4.85 -32.85	123.23 5.06 -32.33	129.84 4.63 -45.38	146.12 5.13 -59.56	169.74 5.56 -66.53	164.93 5.91 -72.13	153.43 4.73 -77.04	129.04 5.65 -49.02	122.30 5.54 -41.88	121.02 6.49 -34.39	112.82 5.88 -27.50
MONTAUK___DIESEL 23721	101.12 8.48 -4.28	98.53 7.23 -10.03	96.57 6.80 -8.75	96.73 6.90 -4.66	97.36 8.02 -0.20	110.19 5.39 -23.21	118.48 7.52 -20.34	148.33 8.26 -50.22	147.25 11.85 -32.34	145.22 11.89 -41.84	159.17 16.29 -24.80	160.07 16.05 -31.80	158.06 14.62 -41.91	158.90 12.39 -62.80	159.29 13.05 -60.41	154.57 11.97 -62.77	196.77 12.62 -102.73	228.22 15.13 -115.44	218.66 12.95 -118.82	191.86 10.32 -109.87	178.09 11.08 -92.64	155.50 10.86 -69.77	128.55 10.74 -37.68	120.07 10.49 -30.14
MOONROAD_115KV_HARTFLD_TB1-2 355988	83.66 -5.48 -0.78	78.38 -4.71 -1.82	77.98 -4.62 -1.59	81.33 -4.68 -0.85	85.43 -3.74 -0.04	81.65 -4.16 -4.22	89.52 -4.80 -3.71	91.19 -6.11 -7.46	100.59 -7.42 -4.96	91.04 -6.86 -6.41	112.31 -9.56 -3.80	104.81 -9.43 -2.01	95.70 -8.73 -2.90	81.44 -7.78 -5.51	83.19 -8.07 -5.43	80.34 -7.10 -7.61	84.25 -7.17 -9.99	100.51 -8.30 -11.16	91.69 -7.30 -12.10	78.35 -6.23 -12.92	75.96 -6.69 -8.29	75.07 -6.89 -7.08	79.83 -7.37 -7.07	78.58 -6.51 -5.65

MORRIS_RIDGE___SOLAR 323848	84.30 -4.95 -0.89	79.13 -4.23 -2.09	78.79 -4.05 -1.82	81.71 -4.43 -0.97	85.08 -4.10 -0.04	82.53 -3.91 -4.85	90.56 -4.44 -4.39	94.16 -5.30 -9.63	102.79 -6.49 -6.23	93.32 -6.22 -8.05	114.11 -8.74 -4.77	106.11 -8.64 -2.53	97.25 -7.92 -3.65	84.11 -6.53 -6.93	86.05 -6.61 -6.82	83.65 -5.75 -9.57	88.21 -5.78 -12.56	104.94 -6.74 -14.03	96.19 -5.91 -15.21	82.97 -4.94 -16.25	79.34 -5.36 -10.33	78.01 -5.69 -8.82	82.02 -6.25 -8.14	80.47 -5.48 -6.51
MORTIMER_115KV_TB3 55949	84.84 -4.06 -0.55	79.07 -3.49 -1.29	78.65 -3.48 -1.12	82.19 -3.58 -0.60	84.44 -4.72 -0.03	81.31 -3.26 -2.98	89.51 -3.72 -2.61	91.78 -4.67 -6.61	101.44 -5.98 -4.36	91.73 -5.40 -5.64	113.62 -7.79 -3.34	106.47 -7.52 -1.77	97.28 -6.80 -2.55	82.78 -5.78 -4.85	84.77 -5.84 -4.77	81.50 -5.03 -6.70	85.17 -5.05 -8.79	101.51 -5.96 -9.82	92.41 -5.13 -10.65	78.74 -4.30 -11.37	77.16 -4.54 -7.33	76.58 -4.57 -6.26	80.92 -4.25 -5.03	79.73 -3.73 -4.02
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	98.38 5.74 -4.28	96.26 4.96 -10.02	94.46 4.70 -8.75	94.77 4.94 -4.66	94.78 5.44 -0.20	108.56 3.75 -23.21	115.67 4.71 -20.34	145.53 5.48 -50.22	142.30 6.90 -32.34	139.82 6.50 -41.83	152.06 9.21 -24.78	134.66 9.31 -13.13	128.78 8.33 -18.93	126.64 6.95 -35.98	128.38 7.12 -35.42	135.77 6.23 -49.72	152.87 6.19 -65.25	177.96 7.42 -72.89	172.51 6.60 -79.02	161.58 5.52 -84.40	134.54 6.47 -53.71	127.43 6.66 -45.88	125.02 7.21 -37.67	116.47 6.91 -30.12
MUNSVILLE_WIND_PWR 323609	97.33 7.60 -1.37	91.56 7.07 -3.22	91.03 7.21 -2.81	94.59 7.92 -1.50	97.68 8.47 -0.06	97.38 8.33 -7.46	108.12 10.78 -6.73	117.11 10.87 -16.40	125.88 12.26 -10.57	115.41 10.24 -13.67	138.81 12.64 -8.10	128.53 12.01 -4.29	118.08 10.36 -6.19	104.17 8.71 -11.76	106.42 9.01 -11.58	104.53 8.46 -16.25	112.35 9.60 -21.32	133.47 12.01 -23.82	122.96 10.25 -25.82	106.99 7.74 -27.58	99.87 7.96 -17.54	97.35 7.49 -14.98	100.53 7.94 -12.46	97.27 7.87 -9.96
N SALMON___HYD 24042	88.89 0.53 0.00	81.52 0.24 0.00	81.25 0.24 0.00	85.51 0.34 0.00	89.77 0.63 0.00	82.50 0.49 -0.42	90.54 -0.45 -0.38	90.59 -0.18 -0.93	100.98 -2.68 -0.61	90.81 -1.47 -0.79	117.59 -0.95 -0.47	110.79 -1.68 -0.25	100.87 -1.02 -0.36	82.55 -1.84 -0.68	84.27 -2.23 -0.67	78.93 -1.83 -0.94	80.29 -2.36 -1.23	95.60 -3.42 -1.37	84.99 -3.39 -1.49	72.61 -0.65 -1.59	74.15 -0.22 0.00	74.58 -0.30 0.00	79.49 -0.64 0.00	78.72 -0.72 0.00
N.AKRON__115KV_KNAPP 355671	82.12 -6.89 -0.65	76.70 -6.10 -1.52	76.43 -5.91 -1.33	79.75 -6.13 -0.71	82.31 -6.86 -0.03	79.33 -5.79 -3.53	86.83 -6.89 -3.10	87.91 -8.35 -6.43	97.02 -10.31 -4.27	87.76 -9.24 -5.51	108.36 -12.99 -3.27	101.39 -12.57 -1.73	92.55 -11.47 -2.50	78.66 -9.79 -4.74	80.55 -9.96 -4.67	77.76 -8.62 -6.55	81.31 -8.71 -8.60	97.00 -10.25 -9.60	88.26 -9.04 -10.41	75.26 -7.52 -11.12	73.56 -7.96 -7.15	72.98 -8.01 -6.11	78.30 -7.77 -5.93	77.43 -6.75 -4.74
N.BELMOR_69_KV_BK1 55787	99.70 7.07 -4.28	97.31 6.01 -10.03	95.43 5.67 -8.75	95.62 5.79 -4.66	95.94 6.60 -0.20	108.88 4.08 -23.21	116.22 5.26 -20.34	145.99 5.93 -50.22	143.43 8.04 -32.34	141.47 8.14 -41.84	153.62 10.74 -24.80	154.68 10.66 -31.80	152.88 9.44 -41.91	154.30 7.78 -62.80	154.31 8.07 -60.41	149.78 7.18 -62.77	191.48 7.33 -102.73	221.86 8.79 -115.43	213.53 7.82 -118.82	188.06 6.52 -109.87	174.52 7.51 -92.64	152.43 7.79 -69.77	126.23 8.41 -37.68	117.85 8.26 -30.14
N.E_GEN_SANDY PD 24062	98.52 5.12 -5.04	97.71 4.63 -11.81	95.85 4.53 -10.31	95.43 4.77 -5.49	98.00 5.17 -3.69	112.44 3.51 -27.34	118.60 3.98 -24.00	153.06 3.95 -59.27	145.89 4.74 -38.09	144.98 4.21 -49.28	152.70 5.43 -29.19	132.96 5.28 -15.46	128.60 4.77 -22.30	130.03 3.94 -42.39	131.60 4.04 -41.73	142.07 3.67 -58.57	162.04 3.75 -76.87	188.10 4.59 -85.87	183.89 3.91 -93.09	173.00 3.30 -98.04	143.56 4.54 -64.66	133.50 4.57 -54.05	129.39 4.89 -44.36	119.60 4.69 -35.47
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	97.34 4.86 -4.12	95.16 4.23 -9.66	93.49 4.05 -8.43	93.92 4.26 -4.49	93.97 4.64 -0.19	107.14 3.18 -22.36	114.20 3.99 -19.60	142.80 4.58 -48.38	140.09 5.87 -31.16	137.29 5.49 -40.31	149.63 7.67 -23.88	132.61 7.74 -12.65	126.67 6.90 -18.24	124.07 5.69 -34.67	125.81 5.84 -34.13	132.84 5.11 -47.91	149.51 5.21 -62.88	174.13 6.25 -70.24	168.59 5.56 -76.15	157.65 4.66 -81.33	131.70 5.58 -51.75	124.78 5.69 -44.21	122.53 6.09 -36.30	114.19 5.72 -29.03
N.QUEENS_27_KV_LOAD 356247	99.08 6.45 -4.28	96.99 5.69 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.80 4.00 -23.21	115.76 4.80 -20.34	145.62 5.57 -50.22	141.98 6.60 -32.34	139.73 6.40 -41.83	152.19 9.33 -24.79	135.23 9.88 -13.13	129.30 8.83 -18.94	127.07 7.37 -35.99	128.82 7.55 -35.43	136.10 6.55 -49.72	153.12 6.43 -65.26	178.35 7.81 -72.90	172.78 6.86 -79.03	161.66 5.59 -84.41	134.55 6.47 -53.71	127.51 6.74 -45.89	125.99 8.17 -37.68	117.51 7.94 -30.13
N.TROY___115KV_TB1 355778	98.79 4.77 -5.66	98.85 4.31 -13.27	96.97 4.37 -11.59	95.94 4.60 -6.17	94.31 4.90 -0.26	115.92 3.59 -30.73	121.71 4.17 -26.93	160.35 3.95 -66.56	150.49 4.53 -42.90	150.92 3.93 -55.49	134.12 4.49 -32.87	130.80 4.16 -17.41	134.79 3.35 -25.11	136.26 3.43 -47.74	149.06 3.27 -46.99	171.49 3.50 -65.96	198.54 4.20 -86.56	195.46 3.74 -96.70	186.71 3.08 -104.84	149.71 4.09 -111.97	139.79 4.04 -71.25	134.23 4.17 -60.87	123.49 4.13 -49.92	
NARROWS_GT1_1 24228	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT1_2 24229	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT1_3 24230	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT1_4 24231	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13

NARROWS_GT1_5 24232	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT1_6 24233	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT1_7 24234	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT1_8 24235	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT2_1 24236	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT2_2 24237	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT2_3 24238	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT2_4 24239	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT2_5 24240	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT2_6 24241	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT2_7 24242	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NARROWS_GT2_8 24243	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	99.27 5.65 -5.26	98.73 5.12 -12.33	96.96 5.18 -10.77	96.44 5.54 -5.73	95.27 5.88 -0.25	115.05 4.90 -28.56	120.36 4.71 -25.03	155.34 3.68 -61.82	146.94 4.23 -39.67	146.10 3.29 -51.31	152.25 3.78 -30.39	131.80 3.48 -16.10	127.59 2.84 -23.22	130.19 2.34 -44.14	131.78 2.49 -43.45	143.37 2.55 -60.98	164.48 3.01 -80.04	191.06 4.00 -89.41	187.56 3.74 -96.93	177.99 2.79 -103.53	143.74 3.50 -65.88	134.61 3.44 -56.28	130.41 4.09 -46.19	120.51 4.13 -36.93
NCHELSEA_115KV_TR2 355582	99.08 6.45 -4.27	96.97 5.69 -10.01	95.26 5.51 -8.74	95.70 5.88 -4.65	95.67 6.33 -0.20	109.50 4.73 -23.18	116.73 5.80 -20.31	146.18 6.20 -50.15	142.97 7.63 -32.29	140.21 6.95 -41.77	152.26 9.45 -24.74	134.64 9.31 -13.11	128.65 8.22 -18.90	126.42 6.78 -35.93	128.16 6.95 -35.37	135.70 6.23 -49.64	153.01 6.43 -65.15	178.33 7.91 -72.78	172.92 7.12 -78.90	161.74 5.80 -84.27	134.76 6.77 -53.62	127.51 6.81 -45.81	125.04 7.29 -37.61	116.35 6.83 -30.08
NEG CAPITAL___MECHNVIL 23645	100.18 6.09 -5.73	100.15 5.45 -13.43	98.24 5.51 -11.72	97.12 5.71 -6.24	95.65 6.24 -0.27	117.74 5.06 -31.09	123.79 5.89 -27.29	163.04 5.75 -67.45	153.16 6.69 -43.41	153.51 5.86 -56.16	158.66 7.32 -33.26	136.57 6.73 -17.62	133.03 6.09 -25.41	136.95 4.94 -48.30	138.45 5.06 -47.55	151.52 4.95 -66.74	174.23 5.22 -87.59	201.94 6.44 -97.85	198.70 5.73 -106.08	189.62 4.66 -113.30	151.97 5.50 -72.10	141.94 5.46 -61.59	136.26 5.61 -50.52	125.24 5.40 -40.39

NEG CENTRAL_HIGH_ACRES 23767	84.29 -4.60 -0.53	78.45 -4.06 -1.24	78.05 -4.05 -1.08	81.41 -4.34 -0.58	84.09 -5.08 -0.02	80.64 -3.83 -2.88	89.06 -4.17 -2.61	91.80 -4.68 -6.64	101.53 -5.87 -4.35	91.62 -5.49 -5.62	113.84 -7.56 -3.33	106.69 -7.29 -1.76	97.37 -6.70 -2.54	82.93 -5.61 -4.83	84.93 -5.67 -4.76	81.56 -4.95 -6.68	85.14 -5.05 -8.76	101.58 -5.86 -9.79	92.46 -5.04 -10.61	78.77 -4.23 -11.34	77.11 -4.46 -7.20	76.39 -4.64 -6.15	80.31 -4.73 -4.90	79.23 -4.13 -3.92
NEG CENTRAL___DRP 24199	87.26 -1.68 -0.58	81.34 -1.30 -1.37	80.99 -1.22 -1.19	84.53 -1.28 -0.63	87.65 -1.52 -0.03	83.69 -1.06 -3.16	93.66 0.27 -2.78	96.97 0.27 -6.86	106.92 -0.72 -4.58	96.38 -1.01 -5.89	119.44 -2.13 -3.49	111.83 -2.24 -1.85	102.16 -2.03 -2.67	87.44 -1.34 -5.07	89.54 -1.29 -4.99	85.88 -0.96 -7.00	89.80 -0.81 -9.19	106.94 -0.98 -10.27	97.33 -0.70 -11.13	83.05 -0.50 -11.89	81.78 -0.52 -7.93	80.98 -0.67 -6.78	84.76 -0.96 -5.59	83.19 -0.71 -4.47
NEG CENTRAL___INDECK 23768	88.42 -0.71 -0.77	82.60 -0.48 -1.81	82.19 -0.40 -1.58	85.42 -0.59 -0.84	88.46 -0.72 -0.04	85.88 0.08 -4.21	94.78 0.36 -3.80	98.46 -0.27 -8.89	107.69 -1.13 -5.76	97.11 -1.83 -7.45	119.31 -3.18 -4.41	111.20 -3.36 -2.34	101.86 -3.04 -3.37	87.52 -2.60 -6.41	89.74 -2.40 -6.31	86.93 -1.76 -8.86	91.74 -1.31 -11.62	109.65 -0.98 -12.98	100.18 -0.78 -14.08	85.84 -0.86 -15.03	82.73 -1.19 -9.55	81.47 -1.58 -8.16	85.45 -1.76 -7.08	83.82 -1.27 -5.66
NEG CENTRAL___SENECA 23627	86.97 -2.03 -0.65	81.33 -1.46 -1.52	80.96 -1.38 -1.33	84.43 -1.45 -0.71	87.39 -1.78 -0.03	83.97 -1.14 -3.52	93.16 -0.54 -3.09	96.86 -0.54 -7.57	106.75 -1.34 -5.04	96.35 -1.65 -6.51	118.51 -3.42 -3.86	110.90 -3.37 -2.04	101.43 -3.05 -2.95	87.21 -2.09 -5.60	89.29 -2.06 -5.51	86.05 -1.52 -7.73	90.11 -1.47 -10.15	107.13 -1.86 -11.34	97.70 -1.48 -12.29	83.86 -0.93 -13.13	81.97 -0.97 -8.57	81.00 -1.20 -7.32	84.60 -1.60 -6.06	83.10 -1.19 -4.85
NEG CENTRAL___STATE_STREET 24147	88.39 -0.53 -0.56	82.11 -0.49 -1.32	81.68 -0.49 -1.16	85.27 -0.51 -0.62	88.54 -0.62 -0.03	84.41 -0.24 -3.07	94.94 1.63 -2.69	98.20 1.71 -6.65	108.35 0.82 -4.47	97.73 0.46 -5.78	121.74 0.24 -3.42	114.15 0.11 -1.81	104.14 0.00 -2.62	88.93 0.25 -4.97	90.99 0.26 -4.89	87.10 0.40 -6.87	91.01 0.57 -9.01	108.59 0.88 -10.07	98.76 0.96 -10.92	83.97 0.64 -11.66	82.98 0.74 -7.87	82.20 0.60 -6.72	86.05 0.40 -5.51	84.33 0.48 -4.41
NEG MILLWOOD___DRP 24198	99.48 6.80 -4.32	97.40 6.01 -10.12	95.59 5.75 -8.83	96.09 6.22 -4.70	96.03 6.69 -0.20	110.07 5.06 -23.42	117.58 6.43 -20.53	147.43 6.92 -50.68	144.13 8.45 -32.63	141.29 7.59 -42.21	153.47 10.39 -25.00	135.79 10.32 -13.24	129.66 9.04 -19.10	127.47 7.45 -36.31	129.22 7.64 -35.74	136.86 6.87 -50.17	154.27 8.69 -65.84	179.88 7.73 -73.55	174.36 6.45 -79.74	163.28 7.44 -85.17	136.00 7.56 -54.19	128.74 7.93 -46.30	126.08 7.93 -38.01	117.38 7.55 -30.39
NEG NORTH_FLCN_SEA 23793	89.59 1.24 0.00	82.25 0.98 0.00	81.98 0.97 0.00	86.19 1.02 0.00	90.48 1.34 0.00	82.65 1.06 0.00	89.53 -1.09 0.00	89.39 -0.45 0.00	99.14 -3.92 0.00	88.56 -2.93 0.00	116.78 -1.30 0.00	110.09 -2.13 0.00	100.00 -1.52 0.00	81.45 -2.26 0.00	83.17 -2.66 0.00	77.59 -2.24 0.00	78.58 -2.85 0.00	93.64 -4.00 0.00	83.06 -3.82 0.00	70.45 -1.22 0.00	74.07 -0.30 0.00	74.28 -0.60 0.00	79.26 -0.88 0.00	79.12 -0.32 0.00
NEG NORTH_KES_CHATEGAY 23792	88.36 0.00 0.00	81.19 -0.08 0.00	80.93 -0.08 0.00	85.00 -0.17 0.00	89.23 0.09 0.00	81.51 -0.08 0.00	89.08 -1.54 0.00	88.76 -1.08 0.00	99.14 -3.92 0.00	88.38 -3.11 0.00	115.95 -2.13 0.00	109.42 -2.81 0.00	99.40 -2.13 0.00	80.95 -2.76 0.00	82.66 -3.18 0.00	77.11 -2.71 0.00	78.09 -3.34 0.00	93.05 -4.59 0.00	82.46 -4.43 0.00	69.94 -1.72 0.00	74.47 -0.82 -0.92	74.62 -1.05 -0.79	79.42 -1.36 -0.65	78.69 -1.27 -0.52
NEG NORTH___ALICE_FALLS 23915	89.86 1.50 0.00	82.41 1.14 0.00	82.23 1.22 0.00	86.36 1.19 0.00	90.75 1.60 0.00	82.90 1.31 0.00	90.25 -0.36 0.00	90.02 0.18 0.00	100.17 -2.89 0.00	89.39 -2.10 0.00	117.49 -0.59 0.00	110.76 -1.46 0.00	100.72 -0.81 0.00	82.03 -1.67 0.00	83.78 -2.06 0.00	78.15 -1.68 0.00	79.15 -2.28 0.00	94.42 -3.22 0.00	83.67 -3.21 0.00	71.16 -0.50 0.00	74.66 0.30 0.00	74.81 -0.07 0.00	79.74 -0.40 0.00	79.44 0.00 0.00
NEG NORTH___LWR_SARANAC 23913	89.86 1.50 0.00	82.41 1.14 0.00	82.23 1.22 0.00	86.36 1.19 0.00	90.75 1.60 0.00	82.90 1.31 0.00	90.25 -0.36 0.00	90.02 0.18 0.00	100.17 -2.89 0.00	89.39 -2.10 0.00	117.49 -0.59 0.00	110.76 -1.46 0.00	100.72 -0.81 0.00	82.03 -1.67 0.00	83.78 -2.06 0.00	78.15 -1.68 0.00	79.15 -2.28 0.00	94.42 -3.22 0.00	83.67 -3.21 0.00	71.16 -0.50 0.00	74.66 0.30 0.00	74.81 -0.07 0.00	79.74 -0.40 0.00	79.44 0.00 0.00
NEG NORTH___PLATTSBURG 23628	89.86 1.50 0.00	82.41 1.14 0.00	82.23 1.22 0.00	86.45 1.28 0.00	90.75 1.61 0.00	82.89 1.30 0.00	90.52 -0.09 0.00	90.11 0.27 0.00	100.17 -2.88 0.00	90.12 -1.37 0.00	117.49 -0.59 0.00	110.88 -1.34 0.00	100.71 -0.82 0.00	82.04 -1.67 0.00	83.77 -2.06 0.00	78.15 -1.68 0.00	79.23 -2.19 0.00	94.42 -3.22 0.00	83.67 -3.21 0.00	71.17 -0.50 0.00	74.37 0.00 0.00	74.81 -0.07 0.00	79.74 -0.40 0.00	79.44 0.00 0.00
NEG WEST_LEA_LOCKPORT 23791	80.02 -9.01 -0.67	74.80 -8.05 -1.57	74.61 -7.78 -1.37	77.81 -8.09 -0.73	80.26 -8.91 -0.03	77.40 -7.83 -3.65	84.49 -9.33 -3.21	85.18 -11.05 -6.39	93.90 -13.40 -4.25	84.99 -11.99 -5.49	104.80 -16.53 -3.25	97.90 -16.05 -1.72	89.39 -14.62 -2.49	76.12 -12.31 -4.72	77.95 -12.53 -4.65	75.33 -11.02 -6.52	78.75 -11.24 -8.56	93.82 -13.38 -9.56	85.52 -11.73 -10.36	72.98 -9.75 -11.07	71.29 -10.19 -7.11	70.85 -10.11 -6.07	76.32 -9.94 -6.12	75.60 -8.74 -4.89
NEG WEST___LANCASTER 23811	79.60 -9.54 -0.79	74.67 -8.45 -1.85	74.28 -8.34 -1.62	77.34 -8.69 -0.86	84.19 -4.99 -0.04	77.64 -8.24 -4.28	85.05 -9.33 -3.77	87.13 -10.33 -7.63	96.47 -11.65 -5.06	87.60 -10.43 -6.54	108.73 -13.22 -3.88	101.71 -12.57 -2.06	93.32 -11.17 -2.96	79.88 -9.46 -5.63	81.68 -9.70 -5.54	78.58 -9.02 -7.77	82.51 -9.12 -10.20	98.39 -10.64 -11.39	89.68 -9.56 -12.35	76.83 -8.03 -13.19	74.27 -8.55 -8.46	73.27 -8.84 -7.23	77.21 -10.10 -7.17	76.04 -9.14 -5.74
NEG_PENN_ALLEGHNY 23528	89.35 -0.44 -1.43	84.31 -0.32 -3.36	83.62 -0.32 -2.93	86.39 -0.34 -1.56	89.12 -0.09 -0.07	88.97 -0.41 -7.79	97.56 -0.09 -7.04	106.74 -0.09 -16.99	113.87 -0.10 -10.92	105.34 -0.27 -14.12	125.97 -0.47 -8.36	116.21 -0.45 -4.43	107.51 -0.40 -6.39	95.61 -0.25 -12.15	97.62 -0.17 -11.96	96.45 -0.16 -16.78	103.37 -0.08 -22.03	122.35 0.10 -24.60	113.73 0.17 -26.67	100.08 -0.07 -28.49	92.64 0.15 -18.12	90.36 0.00 -15.48	92.97 -0.16 -12.99	89.83 0.00 -10.39
NEG___GEN_MONROE 24207	84.49 -4.42 -0.55	78.75 -3.82 -1.30	78.42 -3.73 -1.13	81.94 -3.83 -0.60	84.35 -4.81 -0.03	81.01 -3.59 -3.01	89.09 -4.17 -2.64	91.14 -5.30 -6.60	100.71 -6.70 -4.35	90.99 -6.13 -5.63	112.32 -9.09 -3.33	105.24 -8.75 -1.77	96.16 -7.92 -2.55	81.69 -6.86 -4.84	83.74 -6.87 -4.77	80.45 -6.07 -6.69	84.18 -6.03 -8.78	100.52 -6.93 -9.81	91.53 -6.00 -10.63	77.93 -5.09 -11.36	76.26 -5.43 -7.32	75.67 -5.47 -6.26	80.09 -5.13 -5.08	79.05 -4.45 -4.06

NEPA__ENERGY 23901	82.21 -6.89 -0.74	77.00 -6.01 -1.75	76.62 -5.91 -1.52	79.93 -6.05 -0.81	83.47 -5.71 -0.03	79.92 -5.71 -4.04	87.46 -6.71 -3.55	88.65 -8.18 -6.99	97.81 -9.89 -4.65	88.62 -8.87 -6.01	109.47 -12.16 -3.56	102.21 -11.90 -1.89	93.38 -10.86 -2.72	79.50 -9.38 -5.17	81.31 -9.61 -5.09	78.50 -8.46 -7.14	82.24 -8.55 -9.37	98.05 -10.06 -10.46	89.36 -8.86 -11.34	76.32 -7.45 -12.11	74.25 -7.88 -7.77	73.50 -8.01 -6.64	78.74 -8.17 -6.78	77.71 -7.15 -5.42
NEVERSink__HYD 23608	98.87 6.63 -3.88	96.23 5.86 -9.10	94.63 5.67 -7.95	95.36 5.96 -4.23	95.75 6.42 -0.18	107.90 5.23 -21.08	115.47 6.34 -18.52	142.01 6.47 -45.70	140.35 7.94 -29.36	136.42 6.95 -37.98	149.79 9.22 -22.50	133.23 9.09 -11.92	126.53 7.82 -17.19	122.91 6.53 -32.67	124.78 6.78 -32.16	131.11 6.15 -45.14	147.35 6.68 -59.24	172.12 8.29 -66.18	166.19 7.56 -71.75	154.38 6.09 -76.63	130.12 6.99 -48.76	123.50 6.97 -41.66	121.88 7.53 -34.21	113.70 6.91 -27.35
NEWKRMKL_115KV_TB1 55635	97.88 3.89 -5.63	97.97 3.49 -13.20	96.18 3.65 -11.52	95.14 3.83 -6.14	93.51 4.10 -0.26	115.09 2.94 -30.56	119.58 2.17 -26.79	157.58 1.53 -66.21	147.47 1.85 -42.56	148.20 1.65 -55.06	152.58 1.89 -32.61	131.29 1.80 -17.28	127.97 1.52 -24.91	132.33 1.26 -47.36	133.75 1.29 -46.62	146.46 1.20 -65.44	168.53 1.22 -85.88	195.05 1.46 -95.94	192.20 1.30 -104.01	183.83 1.07 -111.09	146.84 1.78 -70.69	137.14 1.87 -60.39	132.23 2.56 -49.53	121.59 2.54 -39.60
NEWTON__FALLS_HYD 23847	86.44 -2.03 -0.11	79.59 -1.95 -0.27	79.30 -1.94 -0.23	83.34 -1.96 -0.12	87.19 -1.96 -0.01	80.58 -1.63 -0.62	89.19 -2.08 -0.66	89.77 -1.71 -1.64	100.93 -3.19 -1.07	90.03 -2.84 -1.38	115.94 -2.95 -0.82	109.51 -3.14 -0.43	99.61 -2.54 -0.62	82.30 -2.59 -1.19	84.26 -2.75 -1.17	78.99 -2.47 -1.64	80.81 -2.77 -2.15	96.63 -3.42 -2.40	86.02 -3.48 -2.61	72.44 -2.01 -2.78	74.62 -1.56 -1.81	74.71 -1.72 -1.55	79.32 -2.08 -1.27	78.23 -2.22 -1.02
NGRID_A1_DSASP 323792	79.50 -9.54 -0.68	74.51 -8.37 -1.60	74.23 -8.18 -1.40	77.14 -8.77 -0.75	79.46 -9.71 -0.03	76.92 -8.40 -3.73	83.75 -10.24 -3.37	83.96 -12.22 -6.34	92.30 -14.84 -4.09	83.50 -13.27 -5.28	103.26 -17.94 -3.13	96.49 -17.39 -1.66	87.88 -16.04 -2.39	74.94 -13.31 -4.54	76.75 -13.56 -4.47	74.13 -11.98 -6.27	77.36 -12.30 -8.23	92.19 -14.65 -9.19	83.91 -12.95 -9.97	71.78 -10.53 -10.64	70.13 -11.01 -6.76	69.58 -11.08 -5.78	75.38 -10.98 -6.22	75.12 -9.29 -4.98
NGRID_A2_DSASP 323793	79.50 -9.54 -0.68	74.51 -8.37 -1.60	74.23 -8.18 -1.40	77.14 -8.77 -0.75	79.46 -9.71 -0.03	76.92 -8.40 -3.73	83.75 -10.24 -3.37	83.96 -12.22 -6.34	92.30 -14.84 -4.09	83.50 -13.27 -5.28	103.26 -17.94 -3.13	96.49 -17.39 -1.66	87.88 -16.04 -2.39	74.94 -13.31 -4.54	76.75 -13.56 -4.47	74.13 -11.98 -6.27	77.36 -12.30 -8.23	92.19 -14.65 -9.19	83.91 -12.95 -9.97	71.78 -10.53 -10.64	70.13 -11.01 -6.76	69.58 -11.08 -5.78	75.38 -10.98 -6.22	75.12 -9.29 -4.98
NGRID_A4_DSASP 323807	79.50 -9.54 -0.68	74.51 -8.37 -1.60	74.23 -8.18 -1.40	77.14 -8.77 -0.75	79.46 -9.71 -0.03	76.92 -8.40 -3.73	83.75 -10.24 -3.37	83.96 -12.22 -6.34	92.30 -14.84 -4.09	83.50 -13.27 -5.28	103.26 -17.94 -3.13	96.49 -17.39 -1.66	87.88 -16.04 -2.39	74.94 -13.31 -4.54	76.75 -13.56 -4.47	74.13 -11.98 -6.27	77.36 -12.30 -8.23	92.19 -14.65 -9.19	83.91 -12.95 -9.97	71.78 -10.53 -10.64	70.13 -11.01 -6.76	69.58 -11.08 -5.78	75.38 -10.98 -6.22	75.12 -9.29 -4.98
NIAGARA_115E_LBMP 323715	79.06 -9.98 -0.69	73.86 -9.02 -1.61	73.75 -8.67 -1.40	76.55 -9.37 -0.75	79.01 -10.16 -0.03	76.36 -8.98 -3.74	83.21 -10.79 -3.38	83.75 -12.66 -6.57	91.94 -15.36 -4.24	83.24 -13.73 -5.48	102.79 -18.53 -3.25	95.99 -17.96 -1.72	87.56 -16.45 -2.48	74.69 -13.73 -4.71	76.49 -13.99 -4.64	73.97 -12.37 -6.51	77.27 -12.70 -8.54	92.05 -15.13 -9.54	83.94 -13.29 -10.34	71.89 -10.82 -11.05	70.09 -11.30 -7.02	69.42 -11.45 -6.00	74.92 -11.46 -6.24	74.66 -9.77 -4.99
NIAGARA_115W_LBMP 323714	79.41 -9.63 -0.68	74.34 -8.53 -1.60	74.07 -8.34 -1.40	77.05 -8.86 -0.74	79.28 -9.90 -0.03	76.75 -8.57 -3.73	83.56 -10.42 -3.37	83.75 -12.40 -6.31	92.07 -15.05 -4.07	83.39 -13.36 -5.26	103.01 -18.18 -3.12	96.26 -17.62 -1.65	87.66 -16.25 -2.38	74.84 -13.39 -4.52	76.55 -13.74 -4.45	73.94 -12.13 -6.24	77.16 -12.46 -8.19	91.96 -14.84 -9.15	83.77 -13.03 -9.92	71.58 -10.68 -10.60	70.02 -11.08 -6.73	69.40 -11.23 -5.75	75.21 -11.14 -6.21	75.03 -9.37 -4.97
NIAGARA_230_LBMP 323716	80.20 -8.83 -0.68	75.05 -7.80 -1.58	74.77 -7.62 -1.38	77.73 -8.18 -0.74	80.17 -9.00 -0.03	77.52 -7.75 -3.68	84.52 -9.43 -3.33	84.58 -11.32 -6.07	93.16 -13.81 -3.91	84.19 -12.35 -5.06	104.31 -16.77 -3.00	97.54 -16.27 -1.59	88.90 -14.92 -2.29	75.67 -12.39 -4.35	77.50 -12.62 -4.28	74.66 -11.18 -6.01	77.91 -11.40 -7.88	92.78 -13.67 -8.80	84.44 -11.99 -9.54	72.11 -9.75 -10.19	70.66 -10.19 -6.48	70.08 -10.33 -5.53	76.02 -10.26 -6.14	75.77 -8.58 -4.91
NIAGARA__115KV_198_GIBSON 55903	79.41 -9.63 -0.68	74.42 -8.45 -1.60	74.06 -8.34 -1.40	77.31 -8.60 -0.74	79.28 -9.89 -0.03	76.82 -8.49 -3.71	83.55 -10.33 -3.27	83.77 -12.13 -6.06	92.35 -14.74 -4.03	83.62 -13.08 -5.21	103.10 -18.07 -3.09	96.35 -17.51 -1.64	87.95 -15.94 -2.36	74.80 -13.39 -4.48	76.60 -13.65 -4.41	73.97 -12.05 -6.19	77.34 -12.21 -8.12	91.97 -14.74 -9.08	83.87 -12.86 -9.84	71.49 -10.68 -10.51	70.03 -11.08 -6.75	69.64 -11.01 -5.76	75.70 -10.66 -6.22	75.12 -9.29 -4.98
NIAGARA____ 23760	80.21 -8.83 -0.68	75.08 -7.80 -1.61	74.79 -7.62 -1.40	77.74 -8.18 -0.75	80.17 -9.00 -0.03	77.57 -7.75 -3.73	84.55 -9.43 -3.36	84.81 -11.32 -6.30	93.31 -13.81 -4.06	84.39 -12.35 -5.25	104.41 -16.77 -3.11	97.60 -16.27 -1.65	88.98 -14.92 -2.37	75.83 -12.39 -4.51	77.66 -12.62 -4.44	74.88 -11.18 -6.23	78.16 -11.40 -8.14	93.06 -13.67 -9.09	84.75 -11.99 -9.85	72.46 -9.75 -10.54	70.89 -10.19 -6.71	70.29 -10.33 -5.74	76.08 -10.26 -6.20	75.84 -8.58 -4.98
NINE_MILE_1 23575	85.27 -3.36 -0.28	78.91 -3.01 -0.65	78.58 -3.00 -0.56	82.23 -3.24 -0.30	85.68 -3.48 -0.01	79.99 -3.10 -1.50	88.28 -3.54 -1.20	89.35 -3.51 -3.02	100.87 -4.13 -1.94	90.25 -3.76 -2.51	114.61 -4.95 -1.49	108.30 -4.71 -0.79	98.40 -4.26 -1.14	82.36 -3.51 -2.16	84.36 -3.60 -2.13	79.54 -3.28 -2.99	82.00 -3.34 -3.92	98.11 -3.91 -4.38	88.15 -3.48 -4.75	73.86 -2.87 -5.07	74.68 -2.90 -3.22	74.71 -2.92 -2.75	79.23 -3.13 -2.22	78.19 -3.02 -1.77
NINE_MILE_2 23744	85.27 -3.36 -0.27	78.91 -3.01 -0.64	78.58 -3.00 -0.56	82.23 -3.24 -0.30	85.68 -3.48 -0.01	79.99 -3.10 -1.49	88.28 -3.54 -1.20	89.34 -3.51 -3.01	100.86 -4.13 -1.93	90.24 -3.76 -2.50	114.60 -4.95 -1.48	108.30 -4.71 -0.78	98.40 -4.26 -1.13	82.35 -3.51 -2.15	84.43 -3.52 -2.12	79.53 -3.28 -2.97	81.99 -3.34 -3.90	98.09 -3.91 -4.36	88.13 -3.48 -4.73	73.84 -2.87 -5.05	74.67 -2.90 -3.20	74.69 -2.92 -2.74	79.22 -3.13 -2.21	78.19 -3.02 -1.76
NM_CAPITAL__DRP 24208	97.86 3.89 -5.62	98.02 3.58 -13.17	96.23 3.73 -11.50	95.21 3.92 -6.12	93.59 4.19 -0.26	114.94 2.86 -30.49	119.72 2.36 -26.75	157.75 1.80 -66.12	147.75 2.16 -42.53	148.43 1.92 -55.02	152.91 2.24 -32.59	131.62 2.13 -17.26	128.35 1.93 -24.90	132.63 1.59 -47.33	134.06 1.63 -46.59	146.66 1.44 -65.39	168.71 1.47 -85.82	195.27 1.76 -95.87	192.39 1.56 -103.94	183.97 1.29 -111.01	147.17 2.16 -70.64	137.40 2.17 -60.35	132.36 2.72 -49.50	121.80 2.78 -39.58

NM_CENTRAL___DRP 24181	87.16 -1.59 -0.39	80.73 -1.46 -0.92	80.36 -1.46 -0.81	84.07 -1.53 -0.43	87.38 -1.78 -0.02	82.26 -1.47 -2.14	91.41 -1.09 -1.88	93.41 -1.08 -4.65	104.89 -1.34 -3.17	94.31 -1.28 -4.10	118.62 -1.89 -2.43	111.71 -1.80 -1.29	101.66 -1.73 -1.86	85.98 -1.26 -3.53	88.02 -1.29 -3.47	83.59 -1.12 -4.88	86.77 -1.06 -6.40	103.52 -1.27 -7.15	93.59 -1.04 -7.75	78.94 -1.00 -8.28	78.87 -0.89 -5.39	78.52 -0.97 -4.61	82.87 -1.04 -3.78	81.51 -0.95 -3.02
NM_FRONTIER___DRP 24179	79.41 -9.63 -0.68	74.42 -8.45 -1.60	74.06 -8.34 -1.40	77.31 -8.60 -0.74	79.28 -9.89 -0.03	76.82 -8.49 -3.71	83.55 -10.33 -3.27	83.77 -12.13 -6.06	92.35 -14.74 -4.03	83.62 -13.08 -5.21	103.10 -18.07 -3.09	96.35 -17.51 -1.64	87.95 -15.94 -2.36	74.80 -13.39 -4.48	76.60 -13.65 -4.41	73.97 -12.05 -6.19	77.34 -12.21 -8.12	91.97 -14.74 -9.08	83.87 -12.86 -9.84	71.49 -10.68 -10.51	70.03 -11.08 -6.75	69.64 -11.01 -5.76	75.70 -10.66 -6.22	75.12 -9.29 -4.98
NM_ST_REGIS___HYD 24053	86.59 -1.77 0.00	79.49 -1.79 0.00	79.31 -1.70 0.00	83.38 -1.79 0.00	87.54 -1.60 0.00	80.12 -1.47 0.00	88.53 -2.54 -0.45	88.79 -2.16 -1.11	99.14 -4.64 -0.72	88.59 -3.84 -0.94	115.09 -3.54 -0.56	108.48 -4.04 -0.29	98.80 -3.15 -0.42	81.08 -3.43 -0.81	82.77 -3.86 -0.79	77.59 -3.35 -1.11	78.98 -3.91 -1.46	94.10 -5.18 -1.63	83.71 -4.95 -1.77	71.33 -2.22 -1.89	74.04 -1.56 -1.23	74.14 -1.80 -1.05	78.84 -2.16 -0.86	77.91 -2.22 -0.69
NORTHPORT___1 23551	100.32 7.68 -4.28	97.88 6.58 -10.03	96.08 6.32 -8.75	96.22 6.39 -4.66	96.91 7.57 -0.20	109.54 4.73 -23.21	116.98 5.98 -20.39	146.72 6.55 -50.33	144.56 9.17 -32.34	142.38 9.06 -41.83	154.92 12.05 -24.80	155.91 11.89 -31.80	154.19 10.76 -41.91	155.37 8.87 -62.80	155.43 9.19 -60.40	150.89 8.30 -62.76	192.61 8.47 -102.72	223.22 10.15 -115.42	214.74 9.04 -118.81	189.05 7.52 -109.86	175.93 8.92 -92.64	153.55 8.91 -69.76	127.58 9.77 -37.67	118.71 9.13 -30.14
NORTHPORT___2 23552	100.32 7.68 -4.28	97.88 6.58 -10.03	96.08 6.32 -8.75	96.22 6.39 -4.66	96.91 7.57 -0.20	109.54 4.73 -23.21	116.98 5.98 -20.39	146.72 6.55 -50.33	144.56 9.17 -32.34	142.38 9.06 -41.83	154.92 12.05 -24.80	155.91 11.89 -31.80	154.19 10.76 -41.91	155.37 8.87 -62.80	155.43 9.19 -60.40	150.89 8.30 -62.76	192.61 8.47 -102.72	223.22 10.15 -115.42	214.74 9.04 -118.81	189.05 7.52 -109.86	175.93 8.92 -92.64	153.55 8.91 -69.76	127.58 9.77 -37.67	118.71 9.13 -30.14
NORTHPORT___3 23553	99.26 6.63 -4.28	96.90 5.60 -10.03	94.95 5.19 -8.75	95.11 5.28 -4.66	95.49 6.15 -0.20	108.64 3.84 -23.21	115.98 4.98 -20.39	145.47 5.30 -50.33	143.33 7.94 -32.34	141.38 8.05 -41.83	152.56 9.68 -24.80	153.45 9.43 -31.80	151.76 8.33 -41.91	153.45 6.94 -62.80	153.45 7.21 -60.40	149.21 6.62 -62.76	190.66 6.52 -102.72	220.88 7.81 -115.42	212.56 6.86 -118.81	187.26 5.74 -109.86	173.99 6.99 -92.64	151.76 7.12 -69.76	126.47 8.66 -37.67	117.69 8.11 -30.14
NORTHPORT___4 23650	99.26 6.63 -4.28	96.90 5.60 -10.03	94.95 5.19 -8.75	95.11 5.28 -4.66	95.49 6.15 -0.20	108.64 3.84 -23.21	115.98 4.98 -20.39	145.47 5.30 -50.33	143.33 7.94 -32.34	141.38 8.05 -41.83	152.56 9.68 -24.80	153.45 9.43 -31.80	151.76 8.33 -41.91	153.45 6.94 -62.80	153.45 7.21 -60.40	149.21 6.62 -62.76	190.66 6.52 -102.72	220.88 7.81 -115.42	212.56 6.86 -118.81	187.26 5.74 -109.86	173.99 6.99 -92.64	151.76 7.12 -69.76	126.47 8.66 -37.67	117.69 8.11 -30.14
NORTHPORT___IC 23718	100.32 7.69 -4.28	97.88 6.58 -10.03	96.08 6.32 -8.75	96.22 6.39 -4.66	96.83 7.49 -0.20	109.37 4.57 -23.21	116.94 5.98 -20.34	146.62 6.56 -50.22	144.46 9.07 -32.34	142.48 9.15 -41.84	154.92 12.04 -24.80	155.92 11.90 -31.80	154.20 10.76 -41.91	155.47 8.96 -62.80	155.43 9.18 -60.41	150.90 8.30 -62.77	192.62 8.47 -102.73	223.23 10.15 -115.43	214.75 9.04 -118.82	189.06 7.52 -109.87	175.64 8.63 -92.64	153.41 8.76 -69.77	127.27 9.46 -37.68	118.72 9.14 -30.14
NORTH___COUNTRY_ESR 323785	88.09 -0.26 0.00	80.87 -0.40 0.00	80.69 -0.32 0.00	84.83 -0.34 0.00	88.96 -0.18 0.00	81.27 -0.33 0.00	88.99 -1.63 0.00	88.49 -1.35 0.00	99.48 -4.13 -0.55	89.47 -2.74 -0.72	116.02 -2.49 -0.42	109.31 -3.14 -0.22	99.41 -2.44 -0.32	81.39 -2.93 -0.62	83.01 -3.44 -0.61	77.73 -2.95 -0.85	78.96 -3.58 -1.12	93.92 -4.98 -1.25	83.46 -4.78 -1.35	71.03 -2.08 -1.45	73.10 -1.26 0.00	73.61 -1.27 0.00	78.53 -1.60 0.00	77.85 -1.59 0.00
NPX_GEN_1385_PROXY 323591	100.76 8.12 -4.28	98.37 7.07 -10.03	96.73 6.97 -8.75	96.82 6.99 -4.66	98.26 8.91 -0.20	109.54 4.73 -23.21	116.98 5.98 -20.39	146.72 6.55 -50.33	144.56 9.17 -32.34	142.38 9.06 -41.83	154.92 12.05 -24.80	155.91 11.89 -31.80	154.19 10.76 -41.91	155.37 8.87 -62.80	155.43 9.19 -60.40	150.89 8.30 -62.76	192.61 8.47 -102.72	223.22 10.15 -115.42	214.74 9.04 -118.81	189.05 7.52 -109.86	175.93 8.92 -92.64	153.55 8.91 -69.76	127.58 9.77 -37.67	118.71 9.13 -30.14
NPX_GEN_CSC 323557	101.38 8.75 -4.28	98.86 7.56 -10.03	96.89 7.13 -8.75	97.07 7.24 -4.66	97.72 8.38 -0.20	110.52 5.71 -23.21	118.34 7.34 -20.39	147.62 7.45 -50.33	146.42 11.03 -32.34	144.11 10.79 -41.83	157.39 14.52 -24.80	158.28 14.25 -31.80	156.23 12.79 -41.91	157.31 10.80 -62.80	157.39 11.15 -60.40	152.81 10.22 -62.76	194.81 10.66 -102.72	226.06 12.99 -115.43	217.17 11.47 -118.81	190.91 9.39 -109.86	177.78 10.78 -92.64	155.35 10.71 -69.76	129.03 11.22 -37.67	120.15 10.57 -30.14
NSINS_S___GLNS_FALLS 23858	101.37 7.25 -5.77	101.21 6.42 -13.52	99.29 6.48 -11.80	98.18 6.73 -6.28	96.81 7.40 -0.27	119.18 6.28 -31.30	125.57 7.52 -27.43	165.18 7.55 -67.80	155.53 8.76 -43.72	155.64 7.59 -56.56	161.14 9.56 -33.50	138.72 8.75 -17.75	134.84 7.72 -25.59	138.64 6.28 -48.65	140.17 6.44 -47.89	153.35 6.31 -67.22	176.48 6.84 -88.22	204.59 8.40 -98.55	201.20 7.47 -106.84	191.79 6.02 -114.11	153.82 6.84 -72.62	143.65 6.74 -62.03	137.75 6.73 -50.88	126.72 6.59 -40.68
NUCOR_STEEL___DRP 24197	88.54 -0.35 -0.54	82.22 -0.33 -1.27	81.79 -0.32 -1.11	85.42 -0.34 -0.59	88.63 -0.53 -0.03	84.28 -0.24 -2.94	94.92 1.72 -2.58	97.92 1.71 -6.37	108.06 0.72 -4.28	97.40 0.37 -5.54	121.48 0.12 -3.28	114.07 0.11 -1.74	104.14 0.10 -2.51	88.73 0.25 -4.77	90.79 0.26 -4.69	86.81 0.40 -6.59	90.64 0.57 -8.64	108.18 0.88 -9.66	98.22 0.87 -10.47	83.42 0.57 -11.18	82.64 0.67 -7.60	81.90 0.52 -6.49	85.94 0.48 -5.32	84.25 0.56 -4.26
NUMBER_THREE_WT_PWR 323818	89.04 0.53 -0.15	82.04 0.41 -0.36	81.82 0.49 -0.32	85.85 0.51 -0.17	89.78 0.63 -0.01	83.31 0.82 -0.91	92.60 1.17 -0.81	93.27 1.43 -2.00	105.50 1.14 -1.31	94.20 1.01 -1.70	120.38 1.30 -1.00	113.88 1.12 -0.53	103.31 1.02 -0.77	85.92 0.75 -1.46	88.04 0.77 -1.44	82.56 0.72 -2.02	84.56 0.49 -2.65	101.19 0.59 -2.96	90.18 0.09 -3.20	75.16 0.07 -3.42	76.68 0.30 -2.02	76.75 0.15 -1.72	81.39 -0.16 -1.41	80.26 -0.32 -1.13
NYISO_LBMP_REFERENCE 24008	88.36 0.00 0.00	81.27 0.00 0.00	81.01 0.00 0.00	85.17 0.00 0.00	89.14 0.00 0.00	81.59 0.00 0.00	90.62 0.00 0.00	89.84 0.00 0.00	103.05 0.00 0.00	91.49 0.00 0.00	118.08 0.00 0.00	112.22 0.00 0.00	101.53 0.00 0.00	83.71 0.00 0.00	85.84 0.00 0.00	79.83 0.00 0.00	81.43 0.00 0.00	97.64 0.00 0.00	86.89 0.00 0.00	71.66 0.00 0.00	74.37 0.00 0.00	74.88 0.00 0.00	80.14 0.00 0.00	79.44 0.00 0.00

NYPA_BRENTWD____GT 24164	101.20 8.57 -4.28	98.62 7.32 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.54 8.20 -0.20	110.36 5.55 -23.21	117.98 6.98 -20.39	147.80 7.63 -50.33	145.91 10.52 -32.34	143.57 10.24 -41.83	156.56 13.69 -24.80	157.37 13.35 -31.80	155.51 12.08 -41.91	156.55 10.04 -62.80	156.62 10.38 -60.40	152.00 9.42 -62.76	193.83 9.69 -102.72	224.49 11.42 -115.42	216.12 10.42 -118.81	190.12 8.60 -109.86	176.97 9.97 -92.64	154.60 9.96 -69.76	128.55 10.74 -37.67	119.67 10.09 -30.14
NYPA_GOWANUS____GT5 24156	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NYPA_GOWANUS____GT6 24157	99.17 6.54 -4.28	96.90 5.60 -10.02	95.02 5.26 -8.75	95.28 5.46 -4.66	95.41 6.06 -0.20	108.96 4.16 -23.21	116.16 5.16 -20.38	146.27 6.11 -50.32	142.96 7.52 -32.39	140.51 7.14 -41.88	256.99 10.27 -128.65	135.67 10.32 -13.13	129.80 9.33 -18.93	127.39 7.70 -35.99	129.15 7.89 -35.43	136.49 6.94 -49.72	153.84 7.17 -65.25	190.96 8.49 -84.82	190.70 7.56 -96.26	162.47 6.31 -84.50	252.41 7.66 -170.38	159.21 7.71 -76.61	126.22 8.41 -37.67	117.43 7.87 -30.13
NYPA_HARLEM__RVR__GT1 24160	99.01 6.37 -4.28	96.83 5.53 -10.03	94.95 5.19 -8.75	95.11 5.28 -4.66	95.22 5.88 -0.20	108.64 3.84 -23.21	115.62 4.62 -20.38	145.64 5.48 -50.32	141.87 6.50 -32.32	139.54 6.22 -41.83	152.07 9.22 -24.78	135.01 9.65 -13.13	129.09 8.62 -18.93	126.89 7.20 -35.99	128.64 7.38 -35.43	135.93 6.39 -49.72	152.86 6.19 -65.25	178.15 7.62 -72.89	172.60 6.69 -79.02	161.50 5.44 -84.40	134.84 6.77 -53.71	127.65 6.88 -45.88	126.07 8.26 -37.67	117.43 7.87 -30.13
NYPA_HARLEM__RVR__GT2 24161	99.01 6.37 -4.28	96.83 5.53 -10.03	94.95 5.19 -8.75	95.11 5.28 -4.66	95.22 5.88 -0.20	108.64 3.84 -23.21	115.62 4.62 -20.38	145.64 5.48 -50.32	141.87 6.50 -32.32	139.54 6.22 -41.83	152.07 9.22 -24.78	135.01 9.65 -13.13	129.09 8.62 -18.93	126.89 7.20 -35.99	128.64 7.38 -35.43	135.93 6.39 -49.72	152.86 6.19 -65.25	178.15 7.62 -72.89	172.60 6.69 -79.02	161.50 5.44 -84.40	134.84 6.77 -53.71	127.65 6.88 -45.88	126.07 8.26 -37.67	117.43 7.87 -30.13
NYPA_KENT____GT 24152	98.91 6.27 -4.28	96.74 5.45 -10.02	94.87 5.11 -8.75	95.11 5.28 -4.66	95.22 5.88 -0.20	108.80 4.00 -23.21	115.98 4.98 -20.38	146.09 5.93 -50.32	142.74 7.32 -32.36	140.21 6.87 -41.86	214.35 10.16 -86.11	135.57 10.21 -13.13	129.60 9.14 -18.94	127.31 7.62 -35.99	129.07 7.81 -35.43	136.41 6.87 -49.72	153.68 7.00 -65.25	185.57 8.20 -79.72	183.07 7.30 -88.89	162.21 6.09 -84.46	210.53 7.44 -128.73	145.92 7.56 -63.48	126.07 8.26 -37.68	117.27 7.70 -30.13
NYPA_POUCH1____GT 24155	99.00 6.37 -4.28	96.74 5.45 -10.02	94.87 5.11 -8.75	95.11 5.28 -4.66	95.13 5.79 -0.20	108.72 3.92 -23.21	115.98 4.98 -20.38	145.99 5.84 -50.32	142.65 7.21 -32.39	140.14 6.77 -41.88	256.52 9.79 -128.65	135.23 9.88 -13.13	129.40 8.94 -18.93	127.06 7.37 -35.99	128.82 7.56 -35.43	136.17 6.62 -49.72	153.52 6.84 -65.25	190.47 8.01 -84.82	190.27 7.13 -96.26	162.11 5.94 -84.50	252.04 7.29 -170.38	158.91 7.41 -76.61	125.90 8.09 -37.67	117.12 7.55 -30.13
NYPA_VERNON____GT2 24162	98.73 6.09 -4.28	96.58 5.28 -10.02	94.70 4.94 -8.75	95.03 5.20 -4.66	95.05 5.71 -0.20	108.64 3.84 -23.21	115.80 4.80 -20.38	145.91 5.75 -50.32	142.50 7.11 -32.34	140.09 6.77 -41.83	171.57 9.92 -43.58	135.34 9.98 -13.13	129.40 8.94 -18.94	127.14 7.45 -35.99	128.90 7.64 -35.43	136.25 6.71 -49.72	153.43 6.75 -65.25	180.27 8.01 -74.62	175.44 7.03 -81.52	162.02 5.94 -84.41	168.73 7.29 -87.07	132.56 7.34 -50.34	125.90 8.09 -37.68	117.12 7.55 -30.13
NYPA_VERNON____GT3 24163	98.73 6.09 -4.28	96.58 5.28 -10.02	94.70 4.94 -8.75	95.03 5.20 -4.66	95.05 5.71 -0.20	108.64 3.84 -23.21	115.80 4.80 -20.38	145.91 5.75 -50.32	142.50 7.11 -32.34	140.09 6.77 -41.83	171.57 9.92 -43.58	135.34 9.98 -13.13	129.40 8.94 -18.94	127.14 7.45 -35.99	128.90 7.64 -35.43	136.25 6.71 -49.72	153.43 6.75 -65.25	180.27 8.01 -74.62	175.44 7.03 -81.52	162.02 5.94 -84.41	168.73 7.29 -87.07	132.56 7.34 -50.34	125.90 8.09 -37.68	117.12 7.55 -30.13
NYPA__ASTORIA_CC1 323568	98.64 6.01 -4.28	96.50 5.21 -10.02	94.62 4.86 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.48 3.67 -23.21	115.71 4.71 -20.38	145.82 5.66 -50.32	142.29 6.91 -32.33	139.91 6.59 -41.83	156.41 9.79 -28.54	135.23 9.88 -13.13	129.29 8.83 -18.93	127.06 7.37 -35.99	128.82 7.56 -35.43	136.17 6.62 -49.72	153.35 6.68 -65.25	178.35 7.81 -72.89	172.86 6.95 -79.02	161.94 5.88 -84.40	151.77 7.14 -70.27	128.03 7.26 -45.88	125.90 8.09 -37.67	117.12 7.55 -30.13
NYPA__ASTORIA_CC2 323569	98.64 6.01 -4.28	96.50 5.21 -10.02	94.62 4.86 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.48 3.67 -23.21	115.71 4.71 -20.38	145.82 5.66 -50.32	142.29 6.91 -32.33	139.91 6.59 -41.83	156.41 9.79 -28.54	135.23 9.88 -13.13	129.29 8.83 -18.93	127.06 7.37 -35.99	128.82 7.56 -35.43	136.17 6.62 -49.72	153.35 6.68 -65.25	178.35 7.81 -72.89	172.86 6.95 -79.02	161.94 5.88 -84.40	151.77 7.14 -70.27	128.03 7.26 -45.88	125.90 8.09 -37.67	117.12 7.55 -30.13
NYPA__HOLTSVILL 23794	100.67 8.04 -4.28	98.20 6.90 -10.03	96.25 6.48 -8.75	96.48 6.65 -4.66	97.01 7.67 -0.20	109.95 5.14 -23.21	117.34 6.34 -20.39	146.99 6.82 -50.33	145.07 9.68 -32.34	142.84 9.51 -41.83	155.74 12.87 -24.80	156.70 12.68 -31.80	154.80 11.37 -41.91	156.05 9.54 -62.80	156.11 9.87 -60.40	151.53 8.94 -62.76	193.34 9.20 -102.72	224.10 11.03 -115.43	215.52 9.82 -118.81	189.69 8.17 -109.86	176.67 9.66 -92.64	154.31 9.66 -69.76	128.15 10.34 -37.67	119.27 9.69 -30.14
NYPA__HELLGATE_GT1 24158	99.01 6.37 -4.28	96.83 5.53 -10.03	94.95 5.19 -8.75	95.11 5.28 -4.66	95.22 5.88 -0.20	108.64 3.84 -23.21	115.62 4.62 -20.38	145.64 5.48 -50.32	141.87 6.50 -32.32	139.54 6.22 -41.83	152.07 9.22 -24.78	135.01 9.65 -13.13	129.09 8.62 -18.93	126.89 7.20 -35.99	128.64 7.38 -35.43	135.93 6.39 -49.72	152.86 6.19 -65.25	178.15 7.62 -72.89	172.60 6.69 -79.02	161.50 5.44 -84.40	134.84 6.77 -53.71	127.65 6.88 -45.88	126.07 8.26 -37.67	117.43 7.87 -30.13
NYPA__HELLGATE_GT2 24159	99.01 6.37 -4.28	96.83 5.53 -10.03	94.95 5.19 -8.75	95.11 5.28 -4.66	95.22 5.88 -0.20	108.64 3.84 -23.21	115.62 4.62 -20.38	145.64 5.48 -50.32	141.87 6.50 -32.32	139.54 6.22 -41.83	152.07 9.22 -24.78	135.01 9.65 -13.13	129.09 8.62 -18.93	126.89 7.20 -35.99	128.64 7.38 -35.43	135.93 6.39 -49.72	152.86 6.19 -65.25	178.15 7.62 -72.89	172.60 6.69 -79.02	161.50 5.44 -84.40	134.84 6.77 -53.71	127.65 6.88 -45.88	126.07 8.26 -37.67	117.43 7.87 -30.13
NYS_BARGE__HYD 23848	80.19 -8.83 -0.67	74.95 -7.88 -1.56	74.76 -7.62 -1.36	77.55 -8.34 -0.73	80.08 -9.09 -0.03	77.31 -7.91 -3.63	84.38 -9.51 -3.28	85.25 -11.23 -6.65	93.64 -13.71 -4.29	84.78 -12.26 -5.55	104.72 -16.64 -3.29	97.81 -16.16 -1.74	89.21 -14.83 -2.51	76.09 -12.39 -4.77	77.83 -12.70 -4.70	75.33 -11.09 -6.59	78.67 -11.40 -8.65	93.83 -13.48 -9.66	85.46 -11.90 -10.47	73.32 -9.53 -11.19	71.43 -10.04 -7.11	70.77 -10.18 -6.07	75.94 -10.26 -6.07	75.63 -8.66 -4.85

OAK ORCHARD___HYD 24046	84.84 -4.06 -0.55	79.07 -3.49 -1.29	78.65 -3.48 -1.12	82.02 -3.75 -0.60	84.62 -4.54 -0.03	81.31 -3.27 -2.98	89.51 -3.80 -2.70	91.97 -4.68 -6.81	101.49 -5.98 -4.42	91.72 -5.49 -5.71	113.79 -7.67 -3.38	106.50 -7.52 -1.79	97.31 -6.80 -2.58	82.93 -5.70 -4.91	84.83 -5.84 -4.84	81.59 -5.03 -6.79	85.29 -5.05 -8.91	101.64 -5.96 -9.95	92.55 -5.13 -10.79	78.89 -4.30 -11.52	77.15 -4.54 -7.32	76.42 -4.72 -6.25	80.60 -4.56 -5.02	79.65 -3.81 -4.02
OAKDALE___35_KV_LOAD 356122	89.16 -0.62 -1.42	84.12 -0.49 -3.34	83.44 -0.49 -2.91	86.21 -0.51 -1.55	89.03 -0.18 -0.07	88.67 -0.65 -7.73	97.03 -0.36 -6.78	105.63 -0.54 -16.33	113.38 -0.52 -10.84	104.96 -0.55 -14.02	125.55 -0.83 -8.30	115.72 -0.90 -4.40	107.06 -0.81 -6.34	95.18 -0.59 -12.06	97.19 -0.52 -11.87	96.01 -0.48 -16.66	102.97 -0.33 -21.87	121.68 -0.39 -24.43	113.11 -0.26 -26.48	99.59 -0.36 -28.29	92.20 -0.15 -17.98	90.01 -0.22 -15.36	92.64 -0.40 -12.91	89.52 -0.24 -10.32
OCC_CHEM___DRP 24175	79.59 -9.45 -0.68	74.51 -8.37 -1.60	74.23 -8.18 -1.40	77.40 -8.52 -0.75	79.46 -9.72 -0.03	76.98 -8.32 -3.71	83.74 -10.15 -3.27	83.88 -12.04 -6.08	92.58 -14.53 -4.05	83.82 -12.90 -5.23	103.35 -17.83 -3.10	96.59 -17.28 -1.65	88.16 -15.74 -2.37	74.99 -13.23 -4.50	76.79 -13.48 -4.43	74.15 -11.89 -6.22	77.54 -12.05 -8.16	92.21 -14.55 -9.12	84.08 -12.69 -9.88	71.68 -10.53 -10.55	70.21 -10.93 -6.78	69.81 -10.86 -5.79	75.87 -10.50 -6.23	75.21 -9.22 -4.98
OH_GEN_PROXY 24063	80.29 -8.75 -0.68	75.22 -7.64 -1.59	74.87 -7.53 -1.39	77.90 -8.01 -0.74	80.35 -8.83 -0.03	77.70 -7.59 -3.69	84.80 -9.15 -3.33	84.81 -11.05 -6.02	93.54 -13.40 -3.88	84.52 -11.98 -5.01	104.75 -16.30 -2.97	97.98 -15.82 -1.58	89.28 -14.52 -2.27	75.96 -12.05 -4.31	77.80 -12.28 -4.24	75.00 -10.78 -5.95	78.16 -11.07 -7.81	93.18 -13.18 -8.72	84.70 -11.64 -9.45	72.30 -9.46 -10.10	70.89 -9.89 -6.42	70.33 -10.03 -5.48	76.34 -9.94 -6.14	75.93 -8.42 -4.91
OLIN_CORP_DRP 24177	79.24 -9.81 -0.69	74.12 -8.78 -1.62	73.92 -8.51 -1.41	77.15 -8.77 -0.75	79.37 -9.81 -0.03	76.69 -8.65 -3.75	83.59 -10.33 -3.30	84.06 -12.13 -6.35	92.54 -14.74 -4.22	83.86 -13.08 -5.46	103.36 -17.95 -3.23	96.54 -17.39 -1.72	88.16 -15.84 -2.47	75.09 -13.31 -4.69	76.89 -13.56 -4.62	74.34 -11.97 -6.48	77.72 -12.21 -8.51	92.50 -14.65 -9.50	84.42 -12.77 -10.30	72.06 -10.61 -11.00	70.35 -11.08 -7.06	69.91 -11.01 -6.03	75.69 -10.74 -6.29	75.02 -9.45 -5.03
OLIN_CORP_DSASP 323712	79.50 -9.54 -0.68	74.51 -8.37 -1.60	74.23 -8.18 -1.40	77.14 -8.77 -0.75	79.46 -9.71 -0.03	76.92 -8.40 -3.73	83.75 -10.24 -3.37	83.96 -12.22 -6.34	92.30 -14.84 -4.09	83.50 -13.27 -5.28	103.26 -17.94 -3.13	96.49 -17.39 -1.66	87.88 -16.04 -2.39	74.94 -13.31 -4.54	76.75 -13.56 -4.47	74.13 -11.98 -6.27	77.36 -12.30 -8.23	92.19 -14.65 -9.19	83.91 -12.95 -9.97	71.78 -10.53 -10.64	70.13 -11.01 -6.76	69.58 -11.08 -5.78	75.38 -10.98 -6.22	75.12 -9.29 -4.98
ONEIDA_HERK_LFGE 323681	90.26 1.77 -0.13	83.21 1.62 -0.31	82.99 1.70 -0.27	87.11 1.79 -0.14	91.11 1.96 -0.01	84.23 1.88 -0.76	93.76 2.45 -0.69	94.07 2.51 -1.72	106.85 2.67 -1.12	95.32 2.37 -1.45	122.00 3.06 -0.86	115.48 2.81 -0.46	104.72 2.54 -0.66	87.05 2.09 -1.25	89.12 2.06 -1.23	83.47 1.91 -1.73	85.73 2.04 -2.27	102.62 2.44 -2.53	91.54 1.91 -2.75	76.10 1.51 -2.93	77.92 1.78 -1.77	78.04 1.65 -1.51	82.98 1.60 -1.24	82.02 1.59 -0.99
ONEIDA___115KV_TB4 55905	91.08 2.47 -0.25	84.15 2.28 -0.60	83.88 2.35 -0.52	88.00 2.56 -0.28	91.83 2.67 -0.01	85.58 2.61 -1.38	95.20 3.35 -1.23	96.29 3.41 -3.04	108.93 3.81 -2.06	97.36 3.20 -2.67	123.55 3.90 -1.58	116.76 3.70 -0.84	105.98 3.25 -1.21	88.76 2.76 -2.29	91.01 2.92 -2.26	85.79 2.79 -3.17	88.60 3.01 -4.16	106.00 3.71 -4.65	95.05 3.13 -5.04	79.41 2.36 -5.38	80.46 2.60 -3.49	80.33 2.47 -2.98	85.22 2.64 -2.44	84.02 2.62 -1.95
ONONDAGA_REF_OCCRA 23987	87.78 -1.06 -0.49	81.44 -0.98 -1.14	81.03 -0.97 -1.00	84.68 -1.02 -0.53	88.01 -1.16 -0.02	83.26 -0.98 -2.64	92.58 -0.36 -2.32	95.31 -0.27 -5.74	106.35 -0.62 -3.92	95.83 -0.73 -5.07	120.02 -1.06 -3.00	112.69 -1.12 -1.59	102.91 -0.91 -2.29	87.48 -0.59 -4.36	89.53 -0.60 -4.29	85.29 -0.56 -6.02	88.92 -0.41 -7.91	106.09 -0.39 -8.83	96.20 -0.26 -9.58	81.53 -0.36 -10.23	80.82 -0.22 -6.68	80.29 -0.30 -5.71	84.42 -0.40 -4.68	82.79 -0.40 -3.74
ONONDAGA___COGEN 23986	87.84 -0.97 -0.45	81.44 -0.89 -1.06	81.05 -0.89 -0.93	84.73 -0.94 -0.49	88.00 -1.16 -0.02	83.15 -0.90 -2.46	93.32 0.54 -2.16	95.72 0.54 -5.34	106.32 -0.31 -3.58	95.66 -0.46 -4.63	119.99 -0.83 -2.74	112.89 -0.79 -1.45	102.91 -0.71 -2.09	87.27 -0.42 -3.98	89.41 -0.34 -3.92	85.01 -0.32 -5.50	88.40 -0.24 -7.22	105.61 -0.10 -8.07	95.54 -0.09 -8.74	80.86 -0.14 -9.34	80.67 -0.07 -6.38	80.18 -0.15 -5.45	84.36 -0.24 -4.47	82.85 -0.16 -3.57
ONTARIO___LFGE 23819	86.98 -2.03 -0.65	81.33 -1.46 -1.52	80.96 -1.38 -1.33	84.35 -1.53 -0.71	87.48 -1.70 -0.03	84.14 -0.98 -3.53	93.27 -0.54 -3.20	97.13 -0.54 -7.83	106.99 -1.23 -5.16	96.52 -1.64 -6.67	118.72 -3.31 -3.95	110.95 -3.36 -2.09	101.50 -3.04 -3.02	87.36 -2.09 -5.74	89.42 -2.06 -5.65	86.32 -1.43 -7.93	90.37 -1.46 -10.41	107.52 -1.75 -11.63	98.10 -1.39 -12.61	84.19 -0.93 -13.46	81.81 -1.11 -8.55	80.91 -1.27 -7.31	84.50 -1.69 -6.05	82.93 -1.35 -4.84
ORANGEVILLE_WT_PWR 323706	82.91 -6.27 -0.82	77.76 -5.44 -1.93	77.43 -5.26 -1.69	80.36 -5.71 -0.90	83.65 -5.53 -0.04	80.85 -5.22 -4.48	88.50 -6.16 -4.05	91.11 -7.27 -8.54	99.71 -8.86 -5.52	90.49 -8.14 -7.14	111.09 -11.22 -4.23	103.47 -10.99 -2.24	94.71 -10.05 -3.23	81.40 -8.45 -6.14	83.30 -8.58 -6.05	80.73 -7.59 -8.48	84.90 -7.66 -11.13	101.10 -8.98 -12.44	92.38 -7.99 -13.48	79.47 -6.59 -14.40	76.45 -7.07 -9.15	75.37 -7.34 -7.82	79.79 -7.85 -7.51	78.69 -6.75 -6.00
ORANGEVILLE___ESR 323794	82.91 -6.27 -0.82	77.76 -5.44 -1.93	77.43 -5.26 -1.69	80.36 -5.71 -0.90	83.65 -5.53 -0.04	80.85 -5.22 -4.48	88.50 -6.16 -4.05	91.11 -7.27 -8.54	99.71 -8.86 -5.52	90.49 -8.14 -7.14	111.09 -11.22 -4.23	103.47 -10.99 -2.24	94.71 -10.05 -3.23	81.40 -8.45 -6.14	83.30 -8.58 -6.05	80.73 -7.59 -8.48	84.90 -7.66 -11.13	101.10 -8.98 -12.44	92.38 -7.99 -13.48	79.47 -6.59 -14.40	76.45 -7.07 -9.15	75.37 -7.34 -7.82	79.79 -7.85 -7.51	78.69 -6.75 -6.00
OSWEGATCHIE___HYD 24044	86.44 -2.03 -0.11	79.59 -1.95 -0.27	79.30 -1.95 -0.23	83.34 -1.96 -0.12	87.19 -1.96 -0.01	80.72 -1.63 -0.76	89.29 -1.99 -0.67	89.79 -1.71 -1.66	100.95 -3.20 -1.09	90.34 -2.56 -1.41	115.96 -2.95 -0.84	109.64 -3.02 -0.44	99.63 -2.53 -0.64	82.33 -2.60 -1.21	84.28 -2.75 -1.19	79.03 -2.48 -1.68	80.86 -2.77 -2.20	96.68 -3.42 -2.46	86.07 -3.48 -2.66	72.50 -2.01 -2.84	74.14 -1.71 -1.48	74.42 -1.72 -1.26	79.09 -2.08 -1.04	78.04 -2.22 -0.83
OSWEGO___5 23606	86.03 -2.65 -0.32	79.58 -2.44 -0.75	79.23 -2.43 -0.65	82.96 -2.55 -0.35	86.39 -2.76 -0.01	80.80 -2.53 -1.73	88.84 -2.99 -1.21	89.83 -3.05 -3.05	101.41 -3.61 -1.96	90.83 -3.20 -2.54	115.34 -4.25 -1.50	108.87 -4.15 -0.80	98.92 -3.75 -1.15	82.88 -3.01 -2.19	84.90 -3.09 -2.15	80.05 -2.80 -3.02	82.54 -2.85 -3.96	98.75 -3.32 -4.43	88.73 -2.95 -4.80	74.28 -2.51 -5.13	75.17 -2.45 -3.25	75.11 -2.55 -2.78	79.65 -2.72 -2.24	78.61 -2.62 -1.79

OSWEGO___6 23613	86.03 -2.65 -0.32	79.58 -2.44 -0.75	79.23 -2.43 -0.65	82.96 -2.55 -0.35	86.39 -2.76 -0.01	80.80 -2.53 -1.73	88.84 -2.99 -1.21	89.83 -3.05 -3.05	101.41 -3.61 -1.96	90.83 -3.20 -2.54	115.34 -4.25 -1.50	108.87 -4.15 -0.80	98.92 -3.75 -1.15	82.88 -3.01 -2.19	84.90 -3.09 -2.15	80.05 -2.80 -3.02	82.54 -2.85 -3.96	98.75 -3.32 -4.43	88.73 -2.95 -4.80	74.28 -2.51 -5.13	75.17 -2.45 -3.25	75.11 -2.55 -2.78	79.65 -2.72 -2.24	78.61 -2.62 -1.79
OUTOKUMPU-AB___DRP 24206	80.92 -8.13 -0.70	75.84 -7.07 -1.63	75.47 -6.97 -1.43	78.77 -7.15 -0.76	81.42 -7.76 -0.03	78.44 -6.94 -3.78	85.60 -8.34 -3.33	86.32 -9.97 -6.46	95.29 -12.06 -4.29	86.24 -10.80 -5.55	106.49 -14.88 -3.29	99.49 -14.48 -1.74	90.84 -13.20 -2.51	77.27 -11.22 -4.77	79.12 -11.42 -4.70	76.36 -10.06 -6.59	79.90 -10.18 -8.65	95.20 -12.11 -9.66	86.76 -10.60 -10.48	74.04 -8.81 -11.19	72.25 -9.30 -7.18	71.81 -9.21 -6.14	77.42 -9.06 -6.34	76.65 -7.86 -5.07
OXBOW___BTM 323836	80.39 -8.66 -0.69	75.25 -7.64 -1.62	74.97 -7.45 -1.41	77.91 -8.01 -0.75	80.44 -8.73 -0.03	77.77 -7.59 -3.76	84.77 -9.24 -3.40	85.31 -11.05 -6.53	93.87 -13.40 -4.21	84.95 -11.98 -5.44	105.01 -16.30 -3.22	98.00 -15.94 -1.71	89.37 -14.62 -2.46	76.16 -12.22 -4.68	78.00 -12.45 -4.61	75.36 -10.93 -6.46	78.67 -11.24 -8.48	93.74 -13.37 -9.47	85.42 -11.73 -10.27	73.10 -9.53 -10.97	71.30 -10.04 -6.97	70.72 -10.11 -5.95	76.24 -10.18 -6.28	75.96 -8.50 -5.02
OXBOW____ 24026	80.39 -8.66 -0.69	75.25 -7.64 -1.62	74.97 -7.45 -1.41	78.17 -7.75 -0.75	80.53 -8.65 -0.03	77.83 -7.51 -3.75	84.85 -9.06 -3.30	85.24 -10.87 -6.27	94.14 -13.09 -4.17	85.17 -11.71 -5.39	105.10 -16.18 -3.20	98.21 -15.71 -1.70	89.66 -14.32 -2.44	76.29 -12.05 -4.64	78.04 -12.36 -4.57	75.46 -10.78 -6.41	78.84 -10.99 -8.41	93.85 -13.18 -9.39	85.60 -11.47 -10.18	72.94 -9.60 -10.88	71.38 -9.97 -6.98	70.96 -9.88 -5.96	76.81 -9.62 -6.29	76.05 -8.42 -5.03
OXY_CHEM_DSASP 323612	79.59 -9.45 -0.68	74.51 -8.37 -1.60	74.23 -8.18 -1.40	77.40 -8.52 -0.75	79.46 -9.72 -0.03	76.98 -8.32 -3.71	83.74 -10.15 -3.27	83.88 -12.04 -6.08	92.58 -14.53 -4.05	83.82 -12.90 -5.23	103.35 -17.83 -3.10	96.59 -17.28 -1.65	88.16 -15.74 -2.37	74.99 -13.23 -4.50	76.79 -13.48 -4.43	74.15 -11.89 -6.22	77.54 -12.05 -8.16	92.21 -14.55 -9.12	84.08 -12.69 -9.88	71.68 -10.53 -10.55	70.21 -10.93 -6.78	69.81 -10.86 -5.79	75.87 -10.50 -6.23	75.21 -9.22 -4.98
OZONE_PARK_ESR 323760	98.99 6.36 -4.28	96.82 5.53 -10.02	94.94 5.18 -8.75	95.28 5.45 -4.66	95.31 5.97 -0.20	109.04 4.24 -23.21	116.30 5.35 -20.34	146.25 6.20 -50.21	143.22 7.83 -32.33	140.55 7.23 -41.83	153.12 10.27 -24.78	135.67 10.32 -13.12	129.80 9.34 -18.93	127.39 7.70 -35.98	129.15 6.95 -35.42	136.49 6.95 -49.71	153.67 7.00 -65.24	178.92 8.40 -72.88	173.29 7.39 -79.02	162.22 6.16 -84.39	135.28 7.21 -53.70	128.17 7.41 -45.88	125.82 8.01 -37.67	117.26 7.71 -30.12
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	79.59 -9.45 -0.68	74.51 -8.37 -1.60	74.23 -8.18 -1.40	77.40 -8.52 -0.75	79.46 -9.72 -0.03	76.98 -8.32 -3.71	83.74 -10.15 -3.27	83.88 -12.04 -6.08	92.58 -14.53 -4.05	83.82 -12.90 -5.23	103.35 -17.83 -3.10	96.59 -17.28 -1.65	88.16 -15.74 -2.37	74.99 -13.23 -4.50	76.79 -13.48 -4.43	74.15 -11.89 -6.22	77.54 -12.05 -8.16	92.21 -14.55 -9.12	84.08 -12.69 -9.88	71.68 -10.53 -10.55	70.21 -10.93 -6.78	69.81 -10.86 -5.79	75.87 -10.50 -6.23	75.21 -9.22 -4.98
PACKARD__115KV_DUPONT_184 80571	79.59 -9.45 -0.68	74.51 -8.37 -1.60	74.23 -8.18 -1.40	77.40 -8.52 -0.75	79.46 -9.72 -0.03	76.98 -8.32 -3.71	83.74 -10.15 -3.27	83.88 -12.04 -6.08	92.58 -14.53 -4.05	83.82 -12.90 -5.23	103.35 -17.83 -3.10	96.59 -17.28 -1.65	88.16 -15.74 -2.37	74.99 -13.23 -4.50	76.79 -13.48 -4.43	74.15 -11.89 -6.22	77.54 -12.05 -8.16	92.21 -14.55 -9.12	84.08 -12.69 -9.88	71.68 -10.53 -10.55	70.21 -10.93 -6.78	69.81 -10.86 -5.79	75.87 -10.50 -6.23	75.21 -9.22 -4.98
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	99.00 6.36 -4.28	96.90 5.61 -10.02	94.95 5.18 -8.75	95.19 5.37 -4.66	95.31 5.97 -0.20	108.72 3.92 -23.21	115.67 4.71 -20.34	145.53 5.48 -50.22	141.88 6.49 -32.34	139.54 6.22 -41.83	152.19 9.33 -24.79	135.01 9.65 -13.13	129.09 8.63 -18.94	126.81 7.12 -35.99	128.65 7.38 -35.43	136.02 6.47 -49.72	153.03 6.35 -65.26	178.25 7.71 -72.90	172.69 6.78 -79.03	161.66 5.59 -84.41	134.62 6.54 -53.71	127.51 6.74 -45.89	125.59 7.77 -37.68	117.20 7.63 -30.13
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	99.97 7.33 -4.28	97.72 6.42 -10.02	95.84 6.08 -8.75	96.13 6.30 -4.66	96.21 6.86 -0.20	109.53 4.73 -23.21	116.57 5.62 -20.34	146.43 6.38 -50.22	142.81 7.42 -32.34	140.27 6.95 -41.83	153.13 10.27 -24.79	135.90 10.55 -13.13	129.91 9.44 -18.94	127.57 7.87 -35.99	129.33 8.07 -35.43	136.66 7.10 -49.72	153.85 7.17 -65.26	179.13 8.59 -72.90	173.48 7.56 -79.03	162.31 6.23 -84.41	135.29 7.21 -53.71	128.18 7.41 -45.89	126.31 8.49 -37.68	117.91 8.34 -30.13
PATROON__115KV_TB1 80586	98.07 4.06 -5.65	98.17 3.66 -13.24	96.37 3.81 -11.56	95.33 4.00 -6.15	93.68 4.28 -0.26	115.35 3.10 -30.65	119.84 2.36 -26.87	158.05 1.80 -66.41	147.95 2.16 -42.73	148.69 1.92 -55.28	153.06 2.24 -32.74	131.70 2.13 -17.34	128.47 1.93 -25.01	132.85 1.59 -47.55	134.27 1.63 -46.81	147.04 1.52 -65.70	169.20 1.55 -86.22	195.82 1.86 -96.32	192.87 1.56 -104.42	184.48 1.29 -111.53	147.42 2.08 -70.97	137.68 2.17 -60.63	132.59 2.72 -49.73	121.98 2.78 -39.76
PATTRSNVILLE__SOLAR 323815	98.44 4.15 -5.92	98.90 3.74 -13.89	96.86 3.73 -12.12	95.54 3.92 -6.45	93.61 4.19 -0.28	117.10 3.35 -32.16	122.91 4.08 -28.22	163.67 4.13 -69.70	152.48 4.53 -44.90	153.23 3.66 -58.08	156.96 4.49 -34.40	134.48 4.03 -18.22	131.36 3.55 -26.28	136.60 2.93 -49.96	138.10 3.09 -49.18	152.13 3.27 -69.03	175.77 3.75 -90.59	203.43 4.59 -101.20	200.77 4.17 -109.72	192.22 3.37 -117.18	152.88 3.94 -74.57	142.55 3.97 -63.70	136.42 4.01 -52.28	125.13 3.89 -41.80
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	80.37 -8.75 -0.76	75.34 -7.72 -1.79	74.95 -7.61 -1.56	78.16 -7.84 -0.83	83.74 -5.44 -0.04	78.30 -7.42 -4.13	85.64 -8.61 -3.64	87.39 -9.70 -7.25	96.64 -11.23 -4.82	87.65 -10.06 -6.23	108.66 -13.11 -3.69	101.61 -12.57 -1.96	93.08 -11.27 -2.82	79.52 -9.54 -5.36	81.32 -9.79 -5.27	78.29 -8.94 -7.40	82.10 -9.04 -9.71	97.94 -10.55 -10.84	89.26 -9.38 -11.76	76.34 -7.88 -12.56	74.02 -8.40 -8.05	73.15 -8.61 -6.88	77.61 -9.46 -6.93	76.56 -8.42 -5.54
PAWLING_115_KV_BK3_REV_LBMP_H 345028	99.48 6.80 -4.32	97.40 6.01 -10.12	95.59 5.75 -8.83	96.09 6.22 -4.70	96.03 6.69 -0.20	110.07 5.06 -23.42	117.58 6.43 -20.53	147.43 6.92 -50.68	144.13 8.45 -32.63	141.29 7.59 -42.21	153.47 10.39 -25.00	135.79 10.32 -13.24	129.66 9.04 -19.10	127.47 7.45 -36.31	129.22 7.64 -35.74	136.86 6.87 -50.17	154.27 7.00 -65.84	179.88 8.69 -73.55	174.36 7.73 -79.74	163.28 6.45 -85.17	136.00 7.44 -54.19	128.74 7.56 -46.30	126.08 7.93 -38.01	117.38 7.55 -30.39
PEEKSKILL____ 23653	97.80 5.21 -4.23	95.74 4.55 -9.92	93.96 4.29 -8.66	94.29 4.51 -4.61	94.33 4.99 -0.20	107.91 3.35 -22.97	115.14 4.35 -20.18	144.58 4.94 -49.81	141.34 6.29 -32.00	138.75 5.86 -41.40	150.74 8.14 -24.52	133.30 8.08 -12.99	127.57 7.31 -18.73	125.35 6.03 -35.61	127.07 6.18 -35.06	134.46 5.43 -49.20	151.54 5.54 -64.57	176.42 6.64 -72.13	170.91 5.82 -78.20	160.13 4.94 -83.52	133.62 6.10 -53.15	126.43 6.14 -45.41	124.15 6.73 -37.28	115.45 6.20 -29.81

PGE MADISON___WINDPWR 24146	97.33 7.60 -1.37	91.56 7.07 -3.22	91.03 7.21 -2.81	94.59 7.92 -1.50	97.68 8.47 -0.06	97.38 8.33 -7.46	108.12 10.78 -6.73	117.11 10.87 -16.40	125.88 12.26 -10.57	115.41 10.24 -13.67	138.81 12.64 -8.10	128.53 12.01 -4.29	118.08 10.36 -6.19	104.17 8.71 -11.76	106.42 9.01 -11.58	104.53 8.46 -16.25	112.35 9.60 -21.32	133.47 12.01 -23.82	122.96 10.25 -25.82	106.99 7.74 -27.58	99.87 7.96 -17.54	97.35 7.49 -14.98	100.53 7.94 -12.46	97.27 7.87 -9.96
PIERCEFIELD___HYD 23852	85.79 -2.56 0.00	78.75 -2.52 0.00	78.58 -2.43 0.00	82.61 -2.56 0.00	86.74 -2.41 0.00	79.39 -2.20 0.00	87.82 -3.26 -0.47	88.12 -2.87 -1.16	98.45 -5.36 -0.76	87.99 -4.48 -0.98	114.17 -4.49 -0.58	107.70 -4.83 -0.31	98.01 -3.96 -0.44	80.53 -4.02 -0.84	82.29 -4.38 -0.83	77.08 -3.91 -1.17	78.56 -4.40 -1.53	93.59 -5.76 -1.71	83.26 -5.47 -1.85	70.85 -2.79 -1.98	73.50 -2.16 -1.29	73.58 -2.40 -1.10	78.39 -2.64 -0.90	77.38 -2.78 -0.72
PINELAWN_CC_1 323563	100.32 7.68 -4.28	97.80 6.50 -10.03	95.92 6.15 -8.75	96.13 6.30 -4.66	96.65 7.31 -0.20	109.54 4.73 -23.21	117.17 6.16 -20.39	146.91 6.74 -50.33	144.77 9.38 -32.34	142.56 9.24 -41.83	155.04 12.16 -24.80	155.91 11.89 -31.80	154.19 10.76 -41.91	155.47 8.96 -62.80	155.51 9.27 -60.40	150.97 8.38 -62.76	192.77 8.63 -102.72	223.41 10.35 -115.42	214.91 9.21 -118.81	189.12 7.59 -109.86	175.93 8.92 -92.64	153.55 8.91 -69.76	127.58 9.77 -37.67	118.71 9.13 -30.14
PJM_GEN_HTP_PROXY 323702	98.29 5.66 -4.28	96.25 4.96 -10.02	94.37 4.62 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	115.70 4.71 -20.38	145.63 5.48 -50.31	142.28 6.91 -32.33	139.71 6.40 -41.82	151.94 9.09 -24.77	134.55 9.20 -13.12	128.78 8.33 -18.92	126.55 6.87 -35.97	128.29 7.04 -35.41	135.68 6.15 -49.70	152.92 6.27 -65.23	177.84 7.33 -72.87	172.31 6.43 -79.00	161.48 5.44 -84.37	134.75 6.70 -53.69	127.49 6.74 -45.87	125.33 7.53 -37.66	116.55 6.99 -30.11
PJM_GEN_KEystone 24065	41.77 -1.15 45.44	39.78 -0.97 40.52	39.08 -1.06 40.87	39.21 -1.19 44.77	39.30 -0.80 49.04	42.21 -1.55 37.83	50.02 -1.54 39.05	59.79 -1.80 28.25	55.90 -1.75 45.40	50.05 -1.47 39.97	48.51 -1.77 67.80	46.96 -1.57 63.69	46.03 -1.42 54.08	45.43 -1.25 37.03	45.53 -1.20 39.10	47.82 -1.20 30.81	55.42 -1.14 24.87	68.75 -1.37 27.53	62.56 -1.22 23.11	58.42 -1.00 12.24	55.75 -0.52 18.10	52.65 -0.60 21.63	50.48 -0.56 29.10	46.90 -0.24 32.30
PJM_GEN_NEPTUNE_PROXY 323594	99.00 6.37 -4.28	96.66 5.36 -10.03	94.79 5.02 -8.75	94.94 5.11 -4.66	95.32 5.97 -0.20	108.48 3.67 -23.21	115.71 4.71 -20.39	145.56 5.39 -50.33	143.02 7.63 -32.34	140.91 7.59 -41.83	152.90 10.03 -24.80	153.90 9.88 -31.80	152.37 8.94 -41.91	153.87 7.37 -62.80	153.88 7.64 -60.40	149.37 6.78 -62.76	191.06 6.92 -102.72	221.26 8.20 -115.41	212.90 7.21 -118.81	187.61 6.09 -109.86	174.37 7.36 -92.64	152.06 7.41 -69.76	126.14 8.33 -37.67	117.37 7.79 -30.14
PJM_GEN_VFT_PROXY 323633	37.92 5.03 55.47	35.72 4.39 49.94	34.39 4.05 50.67	34.63 4.26 54.80	36.48 4.72 57.38	42.03 3.02 42.58	46.19 3.98 48.41	73.14 4.85 21.54	52.75 6.18 56.49	47.40 5.86 49.95	47.28 8.62 79.41	46.54 8.64 74.32	44.26 7.71 64.98	44.06 6.45 46.10	44.06 6.61 48.39	44.26 5.67 41.24	44.26 5.70 42.86	54.26 6.73 50.12	49.38 5.91 43.42	44.26 5.01 32.42	44.26 6.32 36.43	43.39 6.36 37.85	44.26 7.22 43.09	41.76 6.67 44.35
PLATSBURG_115KV_PMLD1 355749	89.51 1.15 0.00	82.17 0.89 0.00	81.90 0.89 0.00	86.11 0.94 0.00	90.39 1.25 0.00	82.57 0.98 0.00	89.71 -0.91 0.00	89.48 -0.36 0.00	99.45 -3.61 0.00	88.75 -2.74 0.00	116.90 -1.18 0.00	110.20 -2.02 0.00	100.11 -1.42 0.00	81.53 -2.18 0.00	83.26 -2.58 0.00	77.67 -2.16 0.00	78.66 -2.77 0.00	93.74 -3.91 0.00	83.15 -3.74 0.00	70.52 -1.15 0.00	74.14 -0.22 0.00	74.36 -0.52 0.00	79.34 -0.80 0.00	79.12 -0.32 0.00
PLEASANTVLY___LBMP 24000	97.96 5.12 -4.48	96.31 4.55 -10.49	94.54 4.37 -9.16	94.64 4.60 -4.88	94.34 4.99 -0.21	109.22 3.35 -24.29	116.07 4.17 -21.28	146.97 4.58 -52.55	142.66 5.77 -33.83	140.57 5.31 -43.77	151.32 7.32 -25.93	133.25 7.29 -13.73	127.93 6.60 -19.81	126.80 5.44 -37.65	128.48 5.58 -37.06	136.80 4.95 -52.02	154.67 4.97 -68.27	179.96 6.05 -76.27	174.87 5.30 -82.68	164.42 4.44 -88.31	135.99 5.43 -56.19	128.43 5.54 -48.01	125.48 5.93 -39.41	116.59 5.64 -31.51
PLSNTVLE_13_KV_13.8KVDIST 80602	98.23 5.57 -4.31	96.32 4.96 -10.09	94.52 4.70 -8.81	94.80 4.94 -4.69	94.78 5.44 -0.20	108.71 3.75 -23.36	115.80 4.71 -20.48	145.78 5.39 -50.55	142.30 6.70 -32.55	139.82 6.22 -42.11	151.64 8.62 -24.94	134.08 8.64 -13.21	128.30 7.72 -19.05	126.38 6.45 -36.22	128.02 6.52 -35.66	135.70 5.83 -50.05	152.97 5.86 -65.68	178.14 7.13 -73.37	172.69 6.26 -79.55	161.85 5.23 -84.96	134.68 6.25 -54.06	127.43 6.36 -46.18	124.79 6.73 -37.92	116.20 6.43 -30.32
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	98.23 5.57 -4.31	96.32 4.96 -10.09	94.52 4.70 -8.81	94.80 4.94 -4.69	94.78 5.44 -0.20	108.71 3.75 -23.36	115.80 4.71 -20.48	145.78 5.39 -50.55	142.30 6.70 -32.55	139.82 6.22 -42.11	151.64 8.62 -24.94	134.08 8.64 -13.21	128.30 7.72 -19.05	126.38 6.45 -36.22	128.02 6.52 -35.66	135.70 5.83 -50.05	152.97 5.86 -65.68	178.14 7.13 -73.37	172.69 6.26 -79.55	161.85 5.23 -84.96	134.68 6.25 -54.06	127.43 6.36 -46.18	124.79 6.73 -37.92	116.20 6.43 -30.32
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	98.92 6.18 -4.37	97.05 5.53 -10.25	95.23 5.27 -8.95	95.56 5.62 -4.77	95.41 6.06 -0.20	109.82 4.49 -23.74	116.86 5.44 -20.81	146.96 5.75 -51.37	143.24 7.11 -33.07	140.77 6.50 -42.79	152.16 8.74 -25.34	134.29 8.64 -13.42	128.50 7.61 -19.36	126.87 6.36 -36.80	128.59 6.52 -36.23	136.51 5.83 -50.85	154.19 6.03 -66.74	179.62 7.42 -74.55	174.32 6.60 -80.83	163.36 5.37 -86.32	135.69 6.40 -54.93	128.25 6.44 -46.93	125.56 6.89 -38.53	116.76 6.51 -30.81
POLETTI_____ 23519	98.11 5.48 -4.28	96.09 4.80 -10.02	94.30 4.54 -8.75	94.60 4.77 -4.66	94.60 5.26 -0.20	108.31 3.51 -23.21	107.34 4.35 -12.37	145.17 5.12 -50.21	141.97 6.60 -32.32	139.45 6.13 -41.83	151.83 8.97 -24.78	134.44 9.09 -13.12	128.68 8.22 -18.93	126.47 6.78 -35.98	128.21 6.95 -35.42	135.53 5.99 -49.71	96.83 5.94 -9.46	171.18 7.13 -66.41	165.54 6.26 -72.40	156.04 5.23 -79.15	128.78 6.25 -48.17	127.20 6.44 -45.88	124.94 7.13 -37.67	116.39 6.83 -30.12
POMONA___ESR 323819	97.33 4.86 -4.12	95.16 4.22 -9.66	93.49 4.05 -8.43	93.92 4.26 -4.49	93.97 4.63 -0.19	107.06 3.10 -22.37	114.24 3.98 -19.64	143.00 4.67 -48.49	140.18 5.97 -31.16	137.28 5.49 -40.30	149.62 7.67 -23.87	132.61 7.74 -12.65	126.67 6.91 -18.24	124.07 5.70 -34.67	125.80 5.84 -34.13	132.84 5.11 -47.90	149.58 5.29 -62.87	174.13 6.25 -70.23	168.59 5.57 -76.14	157.64 4.66 -81.32	131.92 5.80 -51.75	124.93 5.84 -44.21	122.76 6.33 -36.30	114.26 5.80 -29.02
PORT_JEFF_3 23555	101.12 8.48 -4.28	98.53 7.23 -10.03	96.57 6.81 -8.75	96.82 6.99 -4.66	97.37 8.03 -0.20	110.27 5.47 -23.21	117.80 6.80 -20.39	147.44 7.27 -50.33	145.69 10.30 -32.34	143.39 10.06 -41.83	156.45 13.57 -24.80	157.26 13.24 -31.80	155.41 11.97 -41.91	156.46 9.96 -62.80	156.62 10.38 -60.40	152.00 9.42 -62.76	193.83 9.69 -102.72	224.89 11.81 -115.43	216.12 10.42 -118.81	190.12 8.60 -109.86	177.12 10.11 -92.64	154.68 10.04 -69.76	128.55 10.74 -37.67	119.67 10.09 -30.14

PORT_JEFF_4 23616	101.12 8.48 -4.28	98.53 7.23 -10.03	96.57 6.81 -8.75	96.82 6.99 -4.66	97.37 8.03 -0.20	110.27 5.47 -23.21	117.80 6.80 -20.39	147.44 7.27 -50.33	145.69 10.30 -32.34	143.39 10.06 -41.83	156.45 13.57 -24.80	157.26 13.24 -31.80	155.41 11.97 -41.91	156.46 9.96 -62.80	156.62 10.38 -60.40	152.00 9.42 -62.76	193.83 9.69 -102.72	224.89 11.81 -115.43	216.12 10.42 -118.81	190.12 8.60 -109.86	177.12 10.11 -92.64	154.68 10.04 -69.76	128.55 10.74 -37.67	119.67 10.09 -30.14
PORT_JEFF_IC 23713	101.20 8.57 -4.28	98.61 7.31 -10.03	96.65 6.89 -8.75	96.81 6.98 -4.66	97.45 8.11 -0.20	110.11 5.30 -23.21	117.94 6.98 -20.34	147.43 7.37 -50.22	145.70 10.31 -32.34	143.57 10.25 -41.84	156.57 13.70 -24.80	157.49 13.47 -31.80	155.62 12.18 -41.91	156.64 10.13 -62.80	156.72 10.47 -60.41	152.09 9.50 -62.77	193.92 9.77 -102.73	225.10 12.01 -115.45	216.40 10.69 -118.82	190.35 8.81 -109.87	176.97 9.97 -92.64	154.68 10.03 -69.77	128.39 10.58 -37.68	119.83 10.25 -30.14
PPL PILGRIM_ST_GT1 24216	101.20 8.57 -4.28	98.62 7.32 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.54 8.20 -0.20	110.36 5.55 -23.21	117.98 6.98 -20.39	147.80 7.63 -50.33	145.91 10.52 -32.34	143.57 10.24 -41.83	156.56 13.69 -24.80	157.37 13.35 -31.80	155.51 12.08 -41.91	156.55 10.04 -62.80	156.62 10.38 -60.40	152.00 9.42 -62.76	193.83 9.69 -102.72	224.49 11.42 -115.42	216.12 10.42 -118.81	190.12 8.60 -109.86	176.97 9.97 -92.64	154.60 9.96 -69.76	128.55 10.74 -37.67	119.67 10.09 -30.14
PPL PILGRIM_ST_GT2 24217	101.20 8.57 -4.28	98.62 7.32 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.54 8.20 -0.20	110.36 5.55 -23.21	117.98 6.98 -20.39	147.80 7.63 -50.33	145.91 10.52 -32.34	143.57 10.24 -41.83	156.56 13.69 -24.80	157.37 13.35 -31.80	155.51 12.08 -41.91	156.55 10.04 -62.80	156.62 10.38 -60.40	152.00 9.42 -62.76	193.83 9.69 -102.72	224.49 11.42 -115.42	216.12 10.42 -118.81	190.12 8.60 -109.86	176.97 9.97 -92.64	154.60 9.96 -69.76	128.55 10.74 -37.67	119.67 10.09 -30.14
PPL_SHRM_GT3 24213	101.47 8.83 -4.28	98.86 7.56 -10.03	96.89 7.13 -8.75	97.07 7.24 -4.66	97.72 8.38 -0.20	110.60 5.79 -23.21	118.43 7.43 -20.39	147.62 7.45 -50.33	146.42 11.03 -32.34	144.11 10.79 -41.83	157.39 14.52 -24.80	158.28 14.25 -31.80	156.23 12.79 -41.91	157.31 10.80 -62.80	157.39 11.15 -60.40	152.81 10.22 -62.76	194.89 10.75 -102.72	226.16 13.09 -115.43	217.26 11.56 -118.81	190.91 9.39 -109.86	177.86 10.86 -92.64	155.43 10.79 -69.76	129.11 11.30 -37.67	120.23 10.65 -30.14
PPL_SHRM_GT4 24214	101.47 8.83 -4.28	98.86 7.56 -10.03	96.89 7.13 -8.75	97.07 7.24 -4.66	97.72 8.38 -0.20	110.60 5.79 -23.21	118.43 7.43 -20.39	147.62 7.45 -50.33	146.42 11.03 -32.34	144.11 10.79 -41.83	157.39 14.52 -24.80	158.28 14.25 -31.80	156.23 12.79 -41.91	157.31 10.80 -62.80	157.39 11.15 -60.40	152.81 10.22 -62.76	194.89 10.75 -102.72	226.16 13.09 -115.43	217.26 11.56 -118.81	190.91 9.39 -109.86	177.86 10.86 -92.64	155.43 10.79 -69.76	129.11 11.30 -37.67	120.23 10.65 -30.14
PROJECT___ORANGE 1 24174	87.25 -1.50 -0.40	80.83 -1.38 -0.94	80.45 -1.38 -0.82	84.16 -1.45 -0.44	87.47 -1.69 -0.02	82.37 -1.39 -2.17	91.53 -1.00 -1.91	93.57 -0.99 -4.72	105.04 -1.24 -3.23	94.47 -1.19 -4.17	118.78 -1.77 -2.47	111.85 -1.68 -1.31	101.79 -1.62 -1.89	86.13 -1.17 -3.59	88.17 -1.20 -3.53	83.75 -1.04 -4.96	86.88 -1.06 -6.51	103.74 -1.17 -7.27	93.81 -0.96 -7.88	79.15 -0.93 -8.42	79.03 -0.82 -5.48	78.66 -0.90 -4.68	83.01 -0.96 -3.84	81.56 -0.95 -3.07
PROJECT___ORANGE 2 24166	87.25 -1.50 -0.40	80.83 -1.38 -0.94	80.45 -1.38 -0.82	84.16 -1.45 -0.44	87.47 -1.69 -0.02	82.37 -1.39 -2.17	91.53 -1.00 -1.91	93.57 -0.99 -4.72	105.04 -1.24 -3.23	94.47 -1.19 -4.17	118.78 -1.77 -2.47	111.85 -1.68 -1.31	101.79 -1.62 -1.89	86.13 -1.17 -3.59	88.17 -1.20 -3.53	83.75 -1.04 -4.96	86.88 -1.06 -6.51	103.74 -1.17 -7.27	93.81 -0.96 -7.88	79.15 -0.93 -8.42	79.03 -0.82 -5.48	78.66 -0.90 -4.68	83.01 -0.96 -3.84	81.56 -0.95 -3.07
PUCKETT___SOLAR 323809	91.42 1.59 -1.47	86.26 1.54 -3.45	85.64 1.62 -3.01	88.48 1.70 -1.60	91.26 2.05 -0.07	91.30 1.72 -7.99	100.35 2.53 -7.20	109.80 2.51 -17.45	117.15 2.88 -11.22	108.19 2.19 -14.51	129.27 2.59 -8.60	119.14 2.36 -4.55	110.12 2.03 -6.57	97.95 1.76 -12.48	100.01 1.89 -12.29	98.91 1.84 -17.25	106.26 2.20 -22.63	125.76 2.83 -25.28	116.82 2.52 -27.41	102.73 1.79 -29.28	95.00 2.01 -18.62	92.66 1.87 -15.91	95.29 1.84 -13.31	91.99 1.90 -10.64
PYRITES___HYD 24023	87.83 -0.53 0.00	80.70 -0.57 0.00	80.52 -0.49 0.00	84.74 -0.43 0.00	88.87 -0.27 0.00	81.51 -0.08 0.00	90.25 -0.82 -0.45	90.60 -0.36 -1.12	101.21 -2.58 -0.73	90.43 -2.01 -0.95	117.34 -1.30 -0.56	110.61 -1.91 -0.30	100.74 -1.22 -0.43	82.60 -1.93 -0.81	84.41 -2.23 -0.80	79.12 -1.84 -1.13	80.70 -2.20 -1.48	96.27 -3.03 -1.65	85.55 -3.13 -1.79	72.72 -0.86 -1.91	75.46 -0.15 -1.25	75.49 -0.45 -1.06	80.45 -0.56 -0.87	79.50 -0.64 -0.70
QUAKERRD_115KV_BK1 80622	83.76 -5.12 -0.53	77.96 -4.55 -1.24	77.55 -4.54 -1.08	81.06 -4.68 -0.58	83.37 -5.79 -0.02	80.05 -4.41 -2.87	88.33 -4.80 -2.52	90.80 -5.48 -6.44	100.50 -6.80 -4.25	90.86 -6.13 -5.50	112.71 -8.62 -3.25	105.64 -8.30 -1.72	96.50 -7.51 -2.49	82.16 -6.28 -4.73	84.05 -6.44 -4.65	80.69 -5.67 -6.53	84.30 -5.70 -8.57	100.48 -6.74 -9.58	91.36 -5.91 -10.38	77.81 -4.94 -11.09	76.41 -5.13 -7.17	75.84 -5.17 -6.13	79.87 -5.13 -4.86	78.64 -4.69 -3.89
QUEENSBRY_115KV_TB8 356137	101.55 7.42 -5.77	101.46 6.66 -13.53	99.46 6.64 -11.81	98.36 6.90 -6.29	97.08 7.67 -0.27	119.44 6.53 -31.32	125.95 7.88 -27.45	165.49 7.82 -67.84	155.97 9.17 -43.75	156.04 7.96 -56.59	161.63 10.04 -33.52	139.18 9.20 -17.76	135.26 8.12 -25.61	139.00 6.61 -48.68	140.45 6.70 -47.92	153.71 6.63 -67.26	176.86 7.17 -88.27	205.04 8.79 -98.61	201.61 7.82 -106.91	192.15 6.31 -114.18	154.17 7.14 -72.66	143.99 7.04 -62.07	138.02 6.97 -50.91	126.98 6.83 -40.71
RAMAPO___LBMP 323565	97.06 4.59 -4.11	94.96 4.06 -9.63	93.22 3.81 -8.40	93.65 4.00 -4.47	93.79 4.46 -0.19	106.82 2.94 -22.29	113.86 3.72 -19.53	142.37 4.31 -48.22	139.67 5.56 -31.05	136.88 5.21 -40.17	149.07 7.20 -23.79	132.12 7.29 -12.60	126.20 6.50 -18.18	123.70 5.44 -34.55	125.35 5.49 -34.02	132.44 4.87 -47.74	148.97 4.89 -62.66	173.60 5.96 -70.00	167.99 5.21 -75.89	157.09 4.37 -81.05	131.22 5.28 -51.57	124.33 5.39 -44.06	122.08 5.77 -36.18	113.85 5.48 -28.93
RANKINE____ 23646	81.41 -7.69 -0.74	76.26 -6.75 -1.74	75.96 -6.56 -1.52	79.16 -6.81 -0.81	82.76 -6.42 -0.03	79.17 -6.45 -4.02	86.45 -7.70 -3.54	87.63 -9.16 -6.96	96.66 -11.03 -4.63	87.59 -9.88 -5.98	108.28 -13.34 -3.54	101.08 -13.02 -1.88	92.46 -11.78 -2.71	78.81 -10.05 -5.15	80.60 -10.30 -5.07	77.83 -9.10 -7.11	81.55 -9.20 -9.33	97.12 -10.94 -10.42	88.62 -9.56 -11.29	75.70 -8.03 -12.06	73.63 -8.48 -7.74	72.95 -8.54 -6.61	78.23 -8.65 -6.74	77.29 -7.55 -5.39
RAVENSWOOD_GT2_1 24244	98.29 5.65 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	142.29 6.90 -32.34	139.82 6.50 -41.83	152.18 9.33 -24.78	134.66 9.31 -13.13	128.88 8.43 -18.93	126.64 6.95 -35.98	128.38 7.12 -35.42	135.77 6.23 -49.72	152.86 6.19 -65.25	177.95 7.42 -72.89	172.51 6.60 -79.02	161.58 5.52 -84.40	134.54 6.47 -53.70	127.42 6.66 -45.88	125.10 7.29 -37.67	116.55 6.99 -30.12

RAVENSWOOD_GT2_2 24245	98.29 5.65 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	142.29 6.90 -32.34	139.82 6.50 -41.83	152.18 9.33 -24.78	134.66 9.31 -13.13	128.88 8.43 -18.93	126.64 6.95 -35.98	128.38 7.12 -35.42	135.77 6.23 -49.72	152.86 6.19 -65.25	177.95 7.42 -72.89	172.51 6.60 -79.02	161.58 5.52 -84.40	134.54 6.47 -53.70	127.42 6.66 -45.88	125.10 7.29 -37.67	116.55 6.99 -30.12
RAVENSWOOD_GT2_3 24246	98.38 5.74 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.77 4.94 -4.66	94.78 5.44 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.53 5.48 -50.22	142.29 6.90 -32.34	139.82 6.50 -41.83	152.18 9.33 -24.78	134.77 9.43 -13.13	128.88 8.43 -18.93	126.72 7.03 -35.98	128.47 7.21 -35.42	135.85 6.31 -49.72	152.94 6.27 -65.25	178.05 7.52 -72.89	172.51 6.60 -79.02	161.58 5.52 -84.40	134.62 6.54 -53.70	127.50 6.74 -45.88	125.10 7.29 -37.67	116.55 6.99 -30.12
RAVENSWOOD_GT2_4 24247	98.38 5.74 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.77 4.94 -4.66	94.78 5.44 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.53 5.48 -50.22	142.29 6.90 -32.34	139.82 6.50 -41.83	152.18 9.33 -24.78	134.77 9.43 -13.13	128.88 8.43 -18.93	126.72 7.03 -35.98	128.47 7.21 -35.42	135.85 6.31 -49.72	152.94 6.27 -65.25	178.05 7.52 -72.89	172.51 6.60 -79.02	161.58 5.52 -84.40	134.62 6.54 -53.70	127.50 6.74 -45.88	125.10 7.29 -37.67	116.55 6.99 -30.12
RAVENSWOOD_GT3_1 24248	98.29 5.65 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.68 4.85 -4.66	94.78 5.44 -0.20	108.47 3.67 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	142.29 6.90 -32.34	139.82 6.50 -41.83	152.18 9.33 -24.78	134.66 9.31 -13.13	128.88 8.43 -18.93	126.64 6.95 -35.98	128.38 7.12 -35.42	135.77 6.23 -49.72	152.94 6.27 -65.25	177.95 7.42 -72.89	172.51 6.60 -79.02	161.58 5.52 -84.40	134.54 6.47 -53.70	127.42 6.66 -45.88	125.10 7.29 -37.67	116.55 6.99 -30.12
RAVENSWOOD_GT3_2 24249	98.29 5.65 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.68 4.85 -4.66	94.78 5.44 -0.20	108.47 3.67 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	142.29 6.90 -32.34	139.82 6.50 -41.83	152.18 9.33 -24.78	134.66 9.31 -13.13	128.88 8.43 -18.93	126.64 6.95 -35.98	128.38 7.12 -35.42	135.77 6.23 -49.72	152.94 6.27 -65.25	177.95 7.42 -72.89	172.51 6.60 -79.02	161.58 5.52 -84.40	134.54 6.47 -53.70	127.42 6.66 -45.88	125.10 7.29 -37.67	116.55 6.99 -30.12
RAVENSWOOD_GT3_3 24250	98.46 5.83 -4.28	96.34 5.04 -10.02	94.54 4.78 -8.75	94.85 5.03 -4.66	94.87 5.53 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.62 5.57 -50.22	142.40 7.01 -32.34	139.91 6.59 -41.83	152.30 9.45 -24.78	134.89 9.54 -13.13	129.09 8.63 -18.93	126.81 7.12 -35.98	128.55 7.30 -35.42	135.93 6.39 -49.72	153.03 6.35 -65.25	178.15 7.62 -72.89	172.60 6.69 -79.02	161.72 5.66 -84.40	134.69 6.62 -53.70	127.57 6.81 -45.88	125.18 7.37 -37.67	116.63 7.07 -30.12
RAVENSWOOD_GT3_4 24251	98.46 5.83 -4.28	96.34 5.04 -10.02	94.54 4.78 -8.75	94.85 5.03 -4.66	94.87 5.53 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.62 5.57 -50.22	142.40 7.01 -32.34	139.91 6.59 -41.83	152.30 9.45 -24.78	134.89 9.54 -13.13	129.09 8.63 -18.93	126.81 7.12 -35.98	128.55 7.30 -35.42	135.93 6.39 -49.72	153.03 6.35 -65.25	178.15 7.62 -72.89	172.60 6.69 -79.02	161.72 5.66 -84.40	134.69 6.62 -53.70	127.57 6.81 -45.88	125.18 7.37 -37.67	116.63 7.07 -30.12
RAVENSWOOD_GT_1 23729	98.73 6.10 -4.28	96.58 5.28 -10.02	94.70 4.94 -8.75	95.02 5.20 -4.66	95.05 5.71 -0.20	108.64 3.83 -23.21	115.76 4.80 -20.34	145.80 5.75 -50.22	142.51 7.11 -32.34	140.10 6.77 -41.84	171.57 9.92 -43.58	135.34 9.99 -13.13	129.40 8.93 -18.94	127.15 7.45 -35.99	128.91 7.64 -35.43	136.26 6.71 -49.72	153.36 6.68 -65.26	180.28 8.01 -74.63	175.54 7.12 -81.53	162.04 5.95 -84.42	168.36 6.92 -87.07	132.34 7.11 -50.34	125.59 7.77 -37.68	117.04 7.47 -30.13
RAVENSWOOD_GT_10 24258	98.29 5.65 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	142.29 6.90 -32.34	139.82 6.50 -41.83	151.68 9.21 -24.40	134.66 9.31 -13.12	128.88 8.43 -18.93	126.64 6.95 -35.98	128.38 7.12 -35.42	135.77 6.23 -49.71	152.86 6.19 -65.25	177.95 7.42 -72.89	172.51 6.60 -79.02	161.58 5.52 -84.40	132.87 6.47 -52.03	127.42 6.66 -45.88	125.10 7.29 -37.67	116.55 6.99 -30.12
RAVENSWOOD_GT_11 24259	98.29 5.65 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	142.29 6.90 -32.34	139.82 6.50 -41.83	151.68 9.21 -24.40	134.66 9.31 -13.12	128.88 8.43 -18.93	126.64 6.95 -35.98	128.38 7.12 -35.42	135.77 6.23 -49.71	152.86 6.19 -65.25	177.95 7.42 -72.89	172.51 6.60 -79.02	161.58 5.52 -84.40	132.87 6.47 -52.03	127.42 6.66 -45.88	125.10 7.29 -37.67	116.55 6.99 -30.12
RAVENSWOOD_GT_4 24252	98.29 5.65 -4.28	96.17 4.88 -10.02	94.38 4.62 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	142.30 6.90 -32.34	139.73 6.40 -41.84	160.61 9.21 -33.32	134.66 9.31 -13.12	128.78 8.33 -18.92	126.63 6.95 -35.98	128.38 7.12 -35.42	135.69 6.15 -49.71	152.86 6.19 -65.24	179.17 7.32 -74.20	174.32 6.52 -80.92	161.52 5.45 -84.40	134.47 6.40 -53.71	130.74 6.59 -49.27	125.01 7.21 -37.66	116.47 6.91 -30.12
RAVENSWOOD_GT_5 24254	98.29 5.65 -4.28	96.17 4.88 -10.02	94.38 4.62 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	142.30 6.90 -32.34	139.73 6.40 -41.84	160.61 9.21 -33.32	134.66 9.31 -13.12	128.78 8.33 -18.92	126.63 6.95 -35.98	128.38 7.12 -35.42	135.69 6.15 -49.71	152.86 6.19 -65.24	179.17 7.32 -74.20	174.32 6.52 -80.92	161.52 5.45 -84.40	134.47 6.40 -53.71	130.74 6.59 -49.27	125.01 7.21 -37.66	116.47 6.91 -30.12
RAVENSWOOD_GT_6 24253	98.29 5.65 -4.28	96.17 4.88 -10.02	94.38 4.62 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	142.30 6.90 -32.34	139.73 6.40 -41.84	160.61 9.21 -33.32	134.66 9.31 -13.12	128.78 8.33 -18.92	126.63 6.95 -35.98	128.38 7.12 -35.42	135.69 6.15 -49.71	152.86 6.19 -65.24	179.17 7.32 -74.20	174.32 6.52 -80.92	161.52 5.45 -84.40	134.47 6.40 -53.71	130.74 6.59 -49.27	125.01 7.21 -37.66	116.47 6.91 -30.12
RAVENSWOOD_GT_7 24255	98.29 5.65 -4.28	96.17 4.88 -10.02	94.38 4.62 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	142.30 6.90 -32.34	139.73 6.40 -41.84	160.61 9.21 -33.32	134.66 9.31 -13.12	128.78 8.33 -18.92	126.63 6.95 -35.98	128.38 7.12 -35.42	135.69 6.15 -49.71	152.86 6.19 -65.24	179.17 7.32 -74.20	174.32 6.52 -80.92	161.52 5.45 -84.40	134.47 6.40 -53.71	130.74 6.59 -49.27	125.01 7.21 -37.66	116.47 6.91 -30.12
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	98.29 5.65 -4.28	96.25 4.96 -10.02	94.46 4.70 -8.75	94.68 4.85 -4.66	94.69 5.35 -0.20	108.47 3.67 -23.21	115.58 4.62 -20.34	145.44 5.39 -50.22	142.29 6.90 -32.34	139.82 6.50 -41.83	151.68 9.21 -24.40	134.66 9.31 -13.12	128.88 8.43 -18.93	126.64 6.95 -35.98	128.38 7.12 -35.42	135.77 6.23 -49.71	152.86 6.19 -65.25	177.95 7.42 -72.89	172.51 6.60 -79.02	161.58 5.52 -84.40	132.87 6.47 -52.03	127.42 6.66 -45.88	125.10 7.29 -37.67	116.55 6.99 -30.12

ROCHESRG_115KV_T4 355643	84.57 -4.33 -0.54	78.72 -3.82 -1.27	78.39 -3.73 -1.11	81.84 -3.92 -0.59	84.09 -5.08 -0.03	80.86 -3.67 -2.94	89.03 -4.17 -2.58	91.35 -5.12 -6.63	100.93 -6.49 -4.37	91.29 -5.86 -5.65	113.16 -8.27 -3.35	105.91 -8.08 -1.77	96.77 -7.31 -2.56	82.38 -6.19 -4.86	84.35 -6.27 -4.79	81.12 -5.43 -6.72	84.79 -5.46 -8.82	100.95 -6.54 -9.85	91.92 -5.65 -10.68	78.41 -4.66 -11.40	76.80 -4.91 -7.34	76.29 -4.87 -6.27	80.44 -4.65 -4.96	79.35 -4.05 -3.96
ROCHESTER_9_IC 23652	85.01 -3.89 -0.55	79.22 -3.33 -1.28	78.81 -3.32 -1.12	82.27 -3.49 -0.59	84.53 -4.64 -0.03	81.37 -3.18 -2.96	89.59 -3.62 -2.60	91.97 -4.49 -6.63	101.55 -5.87 -4.37	91.92 -5.21 -5.65	113.86 -7.56 -3.35	106.70 -7.29 -1.77	97.48 -6.60 -2.56	82.96 -5.61 -4.86	84.95 -5.67 -4.78	81.67 -4.87 -6.71	85.35 -4.89 -8.81	101.63 -5.86 -9.84	92.52 -5.04 -10.67	78.83 -4.23 -11.40	77.32 -4.39 -7.34	76.74 -4.42 -6.27	80.97 -4.17 -5.00	79.78 -3.65 -4.00
ROCKVIEW_13_KV_LD 356306	98.46 5.83 -4.28	96.42 5.12 -10.02	94.62 4.86 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.80 4.00 -23.21	116.03 5.07 -20.34	145.80 5.75 -50.21	142.60 7.21 -32.33	140.09 6.77 -41.83	152.18 9.33 -24.78	134.66 9.31 -13.12	128.88 8.43 -18.93	126.64 6.95 -35.98	128.38 7.12 -35.42	135.85 6.31 -49.71	153.02 6.35 -65.25	178.14 7.62 -72.88	172.68 6.78 -79.02	161.72 5.66 -84.39	134.76 6.69 -53.70	127.57 6.81 -45.88	125.02 7.21 -37.67	116.39 6.83 -30.12
ROME____115KV_TB2 80656	91.75 3.18 -0.22	84.63 2.84 -0.51	84.45 3.00 -0.44	88.56 3.15 -0.24	92.54 3.39 -0.01	86.03 3.26 -1.17	95.84 4.17 -1.05	96.66 4.22 -2.60	109.55 4.74 -1.76	97.79 4.03 -2.28	124.50 5.08 -1.35	117.76 4.83 -0.71	106.82 4.26 -1.03	89.27 3.60 -1.96	91.45 3.69 -1.93	86.05 3.51 -2.71	88.80 3.83 -3.55	106.40 4.78 -3.97	95.18 4.00 -4.30	79.27 3.01 -4.59	80.62 3.27 -2.98	80.57 3.14 -2.55	85.51 3.29 -2.09	84.37 3.26 -1.67
ROSETON___1 23587	97.53 4.94 -4.23	95.49 4.30 -9.91	93.79 4.13 -8.66	94.12 4.34 -4.61	94.06 4.72 -0.20	107.73 3.18 -22.96	114.76 3.98 -20.16	144.10 4.49 -49.78	140.70 5.66 -31.98	138.08 5.21 -41.37	149.79 7.20 -24.51	132.39 7.19 -12.98	126.75 6.50 -18.72	124.66 5.36 -35.59	126.37 5.50 -35.03	133.87 4.87 -49.17	150.93 4.97 -64.54	175.69 5.96 -72.09	170.26 5.21 -78.16	159.51 4.37 -83.48	132.99 5.50 -53.12	125.80 5.54 -45.38	123.48 6.09 -37.26	114.87 5.64 -29.79
ROSETON___2 23588	97.53 4.94 -4.23	95.49 4.30 -9.91	93.79 4.13 -8.66	94.12 4.34 -4.61	94.06 4.72 -0.20	107.73 3.18 -22.96	114.76 3.98 -20.16	144.10 4.49 -49.78	140.70 5.66 -31.98	138.08 5.21 -41.37	149.79 7.20 -24.51	132.39 7.19 -12.98	126.75 6.50 -18.72	124.66 5.36 -35.59	126.37 5.50 -35.03	133.87 4.87 -49.17	150.93 4.97 -64.54	175.69 5.96 -72.09	170.26 5.21 -78.16	159.51 4.37 -83.48	132.99 5.50 -53.12	125.80 5.54 -45.38	123.48 6.09 -37.26	114.87 5.64 -29.79
ROTTDAM_115KV_TB3 80664	97.63 3.45 -5.83	98.11 3.17 -13.67	96.10 3.16 -11.93	94.84 3.32 -6.35	92.98 3.57 -0.27	115.85 2.61 -31.65	121.43 3.08 -27.73	161.44 3.05 -68.55	150.88 3.61 -44.22	151.80 3.11 -57.20	155.86 3.90 -33.88	133.76 3.59 -17.95	130.66 3.25 -25.88	135.59 2.68 -49.20	137.02 2.75 -48.44	150.53 2.71 -67.98	173.50 2.85 -89.23	200.73 3.42 -99.67	198.07 3.13 -108.06	189.58 2.51 -115.41	151.01 3.20 -73.44	140.77 3.14 -62.74	134.88 3.29 -51.46	123.76 3.18 -41.15
RUSSELL___1 23602	85.37 -3.53 -0.55	79.55 -3.01 -1.28	79.13 -3.00 -1.12	82.70 -3.07 -0.59	84.98 -4.19 -0.03	81.78 -2.77 -2.96	90.13 -3.08 -2.60	92.42 -4.04 -6.63	102.06 -5.36 -4.37	92.47 -4.67 -5.65	114.46 -6.97 -3.35	107.26 -6.73 -1.77	98.09 -5.99 -2.56	83.46 -5.11 -4.86	85.47 -5.15 -4.78	82.15 -4.39 -6.71	85.84 -4.40 -8.81	102.21 -5.27 -9.84	93.13 -4.43 -10.67	79.26 -3.80 -11.40	77.77 -3.94 -7.34	77.11 -4.04 -6.27	81.37 -3.77 -5.00	80.18 -3.26 -4.00
RUSSELL___2 23532	85.37 -3.53 -0.55	79.55 -3.01 -1.28	79.13 -3.00 -1.12	82.70 -3.07 -0.59	84.98 -4.19 -0.03	81.78 -2.77 -2.96	90.13 -3.08 -2.60	92.42 -4.04 -6.63	102.06 -5.36 -4.37	92.47 -4.67 -5.65	114.46 -6.97 -3.35	107.26 -6.73 -1.77	98.09 -5.99 -2.56	83.46 -5.11 -4.86	85.47 -5.15 -4.78	82.15 -4.39 -6.71	85.84 -4.40 -8.81	102.21 -5.27 -9.84	93.13 -4.43 -10.67	79.26 -3.80 -11.40	77.77 -3.94 -7.34	77.11 -4.04 -6.27	81.37 -3.77 -5.00	80.18 -3.26 -4.00
RUSSELL___3 23549	85.37 -3.53 -0.55	79.55 -3.01 -1.28	79.13 -3.00 -1.12	82.70 -3.07 -0.59	84.98 -4.19 -0.03	81.78 -2.77 -2.96	90.13 -3.08 -2.60	92.42 -4.04 -6.63	102.06 -5.36 -4.37	92.47 -4.67 -5.65	114.46 -6.97 -3.35	107.26 -6.73 -1.77	98.09 -5.99 -2.56	83.46 -5.11 -4.86	85.47 -5.15 -4.78	82.15 -4.39 -6.71	85.84 -4.40 -8.81	102.21 -5.27 -9.84	93.13 -4.43 -10.67	79.26 -3.80 -11.40	77.77 -3.94 -7.34	77.11 -4.04 -6.27	81.37 -3.77 -5.00	80.18 -3.26 -4.00
RUSSELL___4 23556	85.37 -3.53 -0.55	79.55 -3.01 -1.28	79.13 -3.00 -1.12	82.70 -3.07 -0.59	84.98 -4.19 -0.03	81.78 -2.77 -2.96	90.13 -3.08 -2.60	92.42 -4.04 -6.63	102.06 -5.36 -4.37	92.47 -4.67 -5.65	114.46 -6.97 -3.35	107.26 -6.73 -1.77	98.09 -5.99 -2.56	83.46 -5.11 -4.86	85.47 -5.15 -4.78	82.15 -4.39 -6.71	85.84 -4.40 -8.81	102.21 -5.27 -9.84	93.13 -4.43 -10.67	79.26 -3.80 -11.40	77.77 -3.94 -7.34	77.11 -4.04 -6.27	81.37 -3.77 -5.00	80.18 -3.26 -4.00
RUSSELL___STATION 23914	85.37 -3.53 -0.55	79.55 -3.01 -1.28	79.13 -3.00 -1.12	82.70 -3.07 -0.59	84.98 -4.19 -0.03	81.78 -2.77 -2.96	90.13 -3.08 -2.60	92.42 -4.04 -6.63	102.06 -5.36 -4.37	92.47 -4.67 -5.65	114.46 -6.97 -3.35	107.26 -6.73 -1.77	98.09 -5.99 -2.56	83.46 -5.11 -4.86	85.47 -5.15 -4.78	82.15 -4.39 -6.71	85.84 -4.40 -8.81	102.21 -5.27 -9.84	93.13 -4.43 -10.67	79.26 -3.80 -11.40	77.77 -3.94 -7.34	77.11 -4.04 -6.27	81.37 -3.77 -5.00	80.18 -3.26 -4.00
S SALMON___HYD 24043	87.17 -1.50 -0.32	80.55 -1.46 -0.74	80.20 -1.46 -0.65	83.98 -1.53 -0.34	87.46 -1.70 -0.01	81.94 -1.39 -1.74	90.76 -1.36 -1.50	92.28 -1.26 -3.70	103.84 -1.65 -2.43	93.08 -1.56 -3.15	117.93 -2.01 -1.87	111.30 -1.91 -0.99	101.23 -1.73 -1.43	85.08 -1.34 -2.71	87.13 -1.38 -2.67	82.29 -1.28 -3.74	85.12 -1.22 -4.91	101.96 -1.17 -5.49	91.70 -1.13 -5.95	76.95 -1.07 -6.35	77.46 -0.89 -3.99	77.31 -0.98 -3.41	81.81 -1.12 -2.79	80.48 -1.19 -2.23
S.PERRY___115KV_TB1 80734	88.42 -0.71 -0.77	82.60 -0.49 -1.81	82.19 -0.41 -1.58	85.59 -0.43 -0.84	88.55 -0.62 -0.04	85.87 0.08 -4.20	94.76 0.45 -3.69	95.74 -2.70 -8.60	104.34 -4.43 -5.72	94.68 -4.21 -7.40	116.08 -6.38 -4.38	108.26 -6.28 -2.32	99.19 -5.69 -3.35	85.22 -4.86 -6.36	87.38 -4.72 -6.26	84.71 -3.91 -8.79	89.54 -3.42 -11.53	106.52 -4.00 -12.88	97.73 -3.13 -13.97	85.72 -0.86 -14.92	82.82 -1.12 -9.57	81.63 -1.42 -8.17	85.78 -1.44 -7.08	83.91 -1.19 -5.66
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	81.03 -8.04 -0.71	75.87 -7.07 -1.66	75.58 -6.89 -1.45	78.79 -7.15 -0.77	81.60 -7.58 -0.03	78.59 -6.85 -3.85	85.76 -8.25 -3.39	86.37 -9.88 -6.41	95.27 -12.06 -4.27	86.30 -10.70 -5.52	106.59 -14.76 -3.27	99.59 -14.36 -1.73	90.93 -13.10 -2.50	77.40 -11.05 -4.74	79.26 -11.24 -4.67	76.48 -9.90 -6.55	80.01 -10.02 -8.60	95.24 -12.01 -9.61	86.79 -10.51 -10.41	74.04 -8.74 -11.12	72.36 -9.15 -7.14	71.84 -9.14 -6.10	77.62 -8.98 -6.46	76.74 -7.86 -5.16

STATE_ST_34_KV_LOAD 55959	88.39 -0.53 -0.56	82.11 -0.49 -1.32	81.68 -0.49 -1.16	85.27 -0.51 -0.62	88.54 -0.62 -0.03	84.41 -0.24 -3.07	94.94 1.63 -2.69	98.20 1.71 -6.65	108.35 0.82 -4.47	97.73 0.46 -5.78	121.74 0.24 -3.42	114.15 0.11 -1.81	104.14 0.00 -2.62	88.93 0.25 -4.97	90.99 0.26 -4.89	87.10 0.40 -6.87	91.01 0.57 -9.01	108.59 0.88 -10.07	98.76 0.96 -10.92	83.97 0.64 -11.66	82.98 0.74 -7.87	82.20 0.60 -6.72	86.05 0.40 -5.51	84.33 0.48 -4.41
STATION_5_MISC_HYD 23604	85.02 -3.89 -0.55	79.22 -3.34 -1.28	78.80 -3.32 -1.12	82.19 -3.57 -0.59	84.71 -4.45 -0.03	81.37 -3.18 -2.97	89.67 -3.63 -2.68	92.08 -4.58 -6.83	101.61 -5.87 -4.42	91.90 -5.31 -5.72	113.90 -7.56 -3.39	106.72 -7.29 -1.79	97.52 -6.60 -2.59	83.10 -5.53 -4.92	85.01 -5.67 -4.84	81.75 -4.87 -6.80	85.46 -4.88 -8.92	101.85 -5.76 -9.97	92.65 -5.04 -10.81	79.05 -4.16 -11.54	77.31 -4.39 -7.33	76.57 -4.57 -6.26	80.64 -4.49 -4.99	79.78 -3.65 -3.99
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	86.61 -2.30 -0.55	80.60 -1.95 -1.28	80.18 -1.94 -1.12	83.81 -1.96 -0.59	86.49 -2.67 -0.03	82.92 -1.63 -2.96	91.95 -1.27 -2.60	94.68 -1.71 -6.55	104.82 -2.58 -4.34	94.54 -2.56 -5.61	117.38 -4.01 -3.32	110.05 -3.93 -1.76	100.51 -3.55 -2.54	85.61 -2.93 -4.83	87.58 -3.00 -4.75	84.02 -2.47 -6.67	87.82 -2.36 -8.75	104.69 -2.73 -9.78	95.14 -2.35 -10.60	80.98 -2.01 -11.32	79.69 -2.08 -7.40	78.96 -2.25 -6.33	83.00 -2.24 -5.10	81.69 -1.83 -4.08
STA_56_34_KV_BUS2_REV_LBMP_B 345033	84.74 -4.15 -0.54	78.97 -3.58 -1.27	78.55 -3.56 -1.11	82.01 -3.75 -0.59	84.35 -4.81 -0.03	81.10 -3.43 -2.94	89.39 -3.81 -2.58	91.72 -4.67 -6.55	101.50 -5.87 -4.32	91.77 -5.31 -5.59	113.83 -7.56 -3.31	106.68 -7.29 -1.75	97.46 -6.60 -2.53	82.91 -5.61 -4.81	84.81 -5.75 -4.73	81.52 -4.95 -6.64	85.17 -4.97 -8.71	101.52 -5.86 -9.73	92.31 -5.13 -10.55	78.64 -4.30 -11.27	77.18 -4.46 -7.27	76.60 -4.49 -6.21	80.77 -4.33 -4.96	79.60 -3.81 -3.97
STA_56___34_KV_BUS2 355983	84.74 -4.15 -0.54	78.97 -3.58 -1.27	78.55 -3.56 -1.11	82.01 -3.75 -0.59	84.35 -4.81 -0.03	81.10 -3.43 -2.94	89.39 -3.81 -2.58	91.72 -4.67 -6.55	101.50 -5.87 -4.32	91.77 -5.31 -5.59	113.83 -7.56 -3.31	106.68 -7.29 -1.75	97.46 -6.60 -2.53	82.91 -5.61 -4.81	84.81 -5.75 -4.73	81.52 -4.95 -6.64	85.17 -4.97 -8.71	101.52 -5.86 -9.73	92.31 -5.13 -10.55	78.64 -4.30 -11.27	77.18 -4.46 -7.27	76.60 -4.49 -6.21	80.77 -4.33 -4.96	79.60 -3.81 -3.97
STA_67___115KV_BK2 355882	84.84 -4.06 -0.55	79.06 -3.49 -1.28	78.64 -3.48 -1.12	82.10 -3.66 -0.59	84.35 -4.81 -0.03	81.21 -3.35 -2.96	89.41 -3.81 -2.60	91.70 -4.76 -6.63	101.34 -6.08 -4.37	91.65 -5.49 -5.65	113.51 -7.91 -3.35	106.36 -7.63 -1.77	97.18 -6.90 -2.56	82.71 -5.86 -4.86	84.70 -5.92 -4.78	81.43 -5.11 -6.71	85.11 -5.13 -8.81	101.43 -6.05 -9.84	92.35 -5.21 -10.67	78.69 -4.37 -11.40	77.10 -4.61 -7.34	76.51 -4.64 -6.27	80.80 -4.33 -4.99	79.62 -3.81 -3.99
STA_7___115KV_9TRANS 80674	85.37 -3.53 -0.55	79.55 -3.01 -1.28	79.13 -3.00 -1.12	82.70 -3.07 -0.59	84.98 -4.19 -0.03	81.78 -2.77 -2.96	90.13 -3.08 -2.60	92.42 -4.04 -6.63	102.06 -5.36 -4.37	92.47 -4.67 -5.65	114.46 -6.97 -3.35	107.26 -6.73 -1.77	98.09 -5.99 -2.56	83.46 -5.11 -4.86	85.47 -5.15 -4.78	82.15 -4.39 -6.71	85.84 -4.40 -8.81	102.21 -5.27 -9.84	93.13 -4.43 -10.67	79.26 -3.80 -11.40	77.77 -3.94 -7.34	77.11 -4.04 -6.27	81.37 -3.77 -5.00	80.18 -3.26 -4.00
STA_82___115KV_TB1 80780	84.84 -4.06 -0.55	79.06 -3.49 -1.29	78.65 -3.48 -1.12	82.19 -3.58 -0.60	84.44 -4.72 -0.03	81.22 -3.35 -2.98	89.51 -3.72 -2.61	91.79 -4.67 -6.62	101.44 -5.98 -4.37	91.74 -5.40 -5.64	113.63 -7.79 -3.34	106.47 -7.52 -1.77	97.28 -6.80 -2.55	82.79 -5.78 -4.85	84.69 -5.92 -4.78	81.51 -5.03 -6.71	85.18 -5.05 -8.80	101.42 -6.05 -9.83	92.34 -5.21 -10.66	78.68 -4.37 -11.39	77.17 -4.54 -7.34	76.58 -4.57 -6.27	80.83 -4.33 -5.02	79.72 -3.73 -4.02
STEEL___WIND 323596	81.41 -7.69 -0.74	76.27 -6.74 -1.74	75.97 -6.56 -1.52	78.99 -6.98 -0.81	82.40 -6.78 -0.03	79.18 -6.45 -4.04	86.56 -7.70 -3.65	87.82 -9.25 -7.23	96.59 -11.13 -4.66	87.55 -9.97 -6.03	108.18 -13.46 -3.57	100.99 -13.13 -1.89	92.28 -11.98 -2.73	78.76 -10.13 -5.18	80.55 -10.39 -5.10	77.81 -9.18 -7.16	81.46 -9.36 -9.40	97.11 -11.03 -10.50	88.54 -9.73 -11.38	75.86 -7.96 -12.15	73.61 -8.48 -7.72	72.79 -8.68 -6.60	77.82 -9.06 -6.74	77.20 -7.63 -5.39
STEPHTWN_115KV_BK_2 55603	98.81 4.86 -5.59	98.77 4.39 -13.11	96.99 4.54 -11.45	96.03 4.77 -6.10	94.57 5.17 -0.26	115.95 4.00 -30.36	120.58 3.35 -26.61	158.30 2.70 -65.77	148.30 3.09 -42.16	148.77 2.74 -54.54	153.57 3.19 -32.30	132.25 2.92 -17.11	128.75 2.54 -24.68	132.71 2.09 -46.91	134.25 2.23 -46.18	146.80 2.16 -64.82	168.78 2.28 -85.07	195.51 2.83 -95.03	192.43 2.52 -103.03	183.71 2.01 -110.04	147.14 2.75 -70.02	137.55 2.85 -59.82	132.64 3.45 -49.06	122.17 3.50 -39.23
STEUBEN_REC_LFGE 323667	86.95 -2.39 -0.98	81.78 -1.79 -2.30	81.40 -1.62 -2.01	84.53 -1.70 -1.07	88.21 -0.98 -0.05	85.94 -0.98 -5.32	94.47 -0.82 -4.67	99.15 -1.44 -10.75	108.07 -2.16 -7.18	98.21 -2.56 -9.28	119.32 -4.25 -5.50	110.76 -4.38 -2.91	101.67 -4.06 -4.20	88.43 -3.26 -7.98	90.35 -3.35 -7.86	88.06 -2.79 -11.03	93.29 -2.61 -14.47	110.88 -2.93 -16.17	101.90 -2.52 -17.53	88.24 -2.15 -18.72	83.59 -2.75 -11.97	81.74 -3.37 -10.23	84.95 -4.17 -8.98	82.41 -4.21 -7.18
STILLWATER___SOLAR 323814	99.93 5.83 -5.75	100.02 5.28 -13.47	98.11 5.35 -11.76	96.96 5.53 -6.26	95.38 5.97 -0.27	117.59 4.81 -31.18	123.70 5.71 -27.37	163.05 5.57 -67.64	153.09 6.50 -43.54	153.40 5.58 -56.33	158.41 6.96 -33.36	136.29 6.39 -17.67	132.70 5.68 -25.49	136.76 4.60 -48.45	138.34 4.80 -47.70	151.48 4.71 -66.95	174.34 5.05 -87.86	201.95 6.16 -98.15	198.77 5.48 -106.41	189.76 4.44 -113.65	151.97 5.28 -72.32	141.90 5.24 -61.78	136.18 5.37 -50.67	125.20 5.24 -40.52
STONY___BROOK 24151	101.20 8.57 -4.28	98.62 7.32 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.45 8.11 -0.20	110.36 5.55 -23.21	117.98 6.98 -20.39	147.71 7.55 -50.33	145.91 10.52 -32.34	143.66 10.34 -41.83	156.68 13.81 -24.80	157.48 13.46 -31.80	155.61 12.18 -41.91	156.63 10.12 -62.80	156.79 10.55 -60.40	152.16 9.58 -62.76	194.08 9.93 -102.72	225.19 12.11 -115.44	216.38 10.68 -118.81	190.27 8.74 -109.86	177.19 10.19 -92.64	154.82 10.18 -69.76	128.71 10.90 -37.67	119.83 10.25 -30.14
STURGEON_POOL_HYD 23609	101.22 8.48 -4.39	99.03 7.48 -10.28	97.19 7.21 -8.97	97.70 7.75 -4.78	97.64 8.29 -0.20	112.16 6.77 -23.80	119.72 8.25 -20.86	148.88 7.55 -51.49	145.56 9.38 -33.13	142.67 8.33 -42.85	154.68 11.22 -25.38	136.78 11.11 -13.45	130.56 9.65 -19.39	128.61 8.04 -36.86	130.45 8.33 -36.29	138.18 7.42 -50.93	156.09 7.82 -66.85	182.08 9.76 -74.67	176.70 8.86 -80.95	165.29 7.17 -86.46	137.42 8.03 -55.02	129.97 8.09 -47.00	127.38 8.65 -38.59	118.40 8.10 -30.86
ST_LAW_115_BK7_LBMP 345037	87.21 -1.15 0.00	80.21 -1.06 0.00	79.95 -1.06 0.00	84.06 -1.11 0.00	88.08 -1.07 0.00	80.37 -1.22 0.00	88.35 -2.26 0.00	87.77 -2.06 0.00	98.52 -4.53 0.00	88.29 -3.20 0.00	114.77 -3.31 0.00	108.41 -3.82 0.00	98.48 -3.04 0.00	80.44 -3.27 0.00	82.15 -3.69 0.00	76.63 -3.20 0.00	77.68 -3.74 0.00	92.56 -5.08 0.00	82.02 -4.86 0.00	69.37 -2.30 0.00	73.10 -1.26 0.00	73.68 -1.20 0.00	78.77 -1.36 0.00	78.09 -1.35 0.00

V_F_30_SYNC_DSASP 323786	98.07 4.06 -5.65	98.17 3.66 -13.24	96.37 3.81 -11.56	95.33 4.00 -6.15	93.68 4.28 -0.26	115.35 3.10 -30.65	119.84 2.36 -26.87	158.05 1.80 -66.41	147.95 2.16 -42.73	148.69 1.92 -55.28	153.06 2.24 -32.74	131.70 2.13 -17.34	128.47 1.93 -25.01	132.85 1.59 -47.55	134.27 1.63 -46.81	147.04 1.52 -65.70	169.20 1.55 -86.22	195.82 1.86 -96.32	192.87 1.56 -104.42	184.48 1.29 -111.53	147.42 2.08 -70.97	137.68 2.17 -60.63	132.59 2.72 -49.73	121.98 2.78 -39.76
V_XM_10_SYNC_DSASP 323789	89.50 1.15 0.00	82.17 0.90 0.00	81.90 0.89 0.00	86.20 1.03 0.00	90.39 1.25 0.00	82.57 0.98 0.00	89.99 -0.63 0.00	89.48 -0.36 0.00	99.44 -3.61 0.00	89.48 -2.01 0.00	116.90 -1.18 0.00	110.21 -2.02 0.00	100.11 -1.42 0.00	81.53 -2.18 0.00	83.26 -2.57 0.00	77.68 -2.15 0.00	78.66 -2.77 0.00	93.73 -3.91 0.00	83.15 -3.73 0.00	70.52 -1.15 0.00	73.92 -0.44 0.00	74.36 -0.52 0.00	79.34 -0.80 0.00	79.12 -0.32 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	97.52 5.04 -4.12	95.32 4.39 -9.66	93.58 4.13 -8.43	94.00 4.34 -4.49	94.15 4.81 -0.19	107.23 3.26 -22.37	114.39 4.17 -19.61	143.00 4.76 -48.40	140.41 6.18 -31.17	137.48 5.67 -40.32	149.87 7.91 -23.88	132.84 7.97 -12.65	126.88 7.11 -18.25	124.25 5.86 -34.68	125.99 6.01 -34.14	133.02 5.27 -47.92	149.69 5.37 -62.89	174.44 6.54 -70.26	168.88 5.82 -76.17	157.82 4.80 -81.35	131.86 5.73 -51.77	124.94 5.84 -44.22	122.70 6.25 -36.31	114.35 5.88 -29.04
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	98.46 5.83 -4.28	96.42 5.12 -10.02	94.62 4.86 -8.75	94.94 5.11 -4.66	94.96 5.62 -0.20	108.71 3.92 -23.21	115.85 4.89 -20.34	145.70 5.66 -50.21	142.60 7.21 -32.33	139.99 6.68 -41.82	152.30 9.45 -24.77	135.00 9.65 -13.12	129.08 8.63 -18.93	126.88 7.20 -35.98	128.55 7.30 -35.42	135.92 6.39 -49.71	153.10 6.43 -65.24	178.04 7.52 -72.87	172.58 6.69 -79.01	161.64 5.59 -84.38	134.68 6.62 -53.69	127.42 6.66 -45.87	125.17 7.37 -37.66	116.63 7.07 -30.11
W50THST__13_KV_LOAD 356117	99.08 6.45 -4.28	96.90 5.61 -10.02	95.11 5.35 -8.75	95.45 5.62 -4.66	95.49 6.15 -0.20	109.20 4.41 -23.21	116.48 5.53 -20.34	146.42 6.38 -50.21	143.42 8.04 -32.33	140.63 7.32 -41.82	153.00 10.15 -24.77	135.89 10.55 -13.12	130.00 9.54 -18.93	127.55 7.87 -35.98	129.32 8.07 -35.42	136.64 7.10 -49.71	153.83 7.17 -65.24	178.72 8.20 -72.87	173.11 7.21 -79.01	162.07 6.02 -84.38	135.13 7.06 -53.69	127.86 7.11 -45.87	125.73 7.93 -37.66	117.18 7.63 -30.11
WADING RIVER_IC_1 23522	101.47 8.83 -4.28	98.86 7.56 -10.03	96.89 7.13 -8.75	97.07 7.24 -4.66	97.72 8.38 -0.20	110.60 5.79 -23.21	118.43 7.43 -20.39	147.62 7.45 -50.33	146.52 11.13 -32.34	144.20 10.88 -41.83	157.51 14.64 -24.80	158.39 14.37 -31.80	156.43 13.00 -41.91	157.38 10.88 -62.80	157.48 11.24 -60.40	152.89 10.30 -62.76	194.98 10.83 -102.72	226.25 13.18 -115.43	217.35 11.65 -118.81	190.98 9.46 -109.86	177.86 10.86 -92.64	155.43 10.79 -69.76	129.11 11.30 -37.67	120.23 10.65 -30.14
WADING RIVER_IC_2 23547	101.47 8.83 -4.28	98.86 7.56 -10.03	96.89 7.13 -8.75	97.07 7.24 -4.66	97.72 8.38 -0.20	110.60 5.79 -23.21	118.43 7.43 -20.39	147.62 7.45 -50.33	146.52 11.13 -32.34	144.20 10.88 -41.83	157.51 14.64 -24.80	158.39 14.37 -31.80	156.43 13.00 -41.91	157.38 10.88 -62.80	157.48 11.24 -60.40	152.89 10.30 -62.76	194.98 10.83 -102.72	226.25 13.18 -115.43	217.35 11.65 -118.81	190.98 9.46 -109.86	177.86 10.86 -92.64	155.43 10.79 -69.76	129.11 11.30 -37.67	120.23 10.65 -30.14
WADING RIVER_IC_3 23601	101.47 8.83 -4.28	98.86 7.56 -10.03	96.89 7.13 -8.75	97.07 7.24 -4.66	97.72 8.38 -0.20	110.60 5.79 -23.21	118.43 7.43 -20.39	147.62 7.45 -50.33	146.52 11.13 -32.34	144.20 10.88 -41.83	157.51 14.64 -24.80	158.39 14.37 -31.80	156.43 13.00 -41.91	157.38 10.88 -62.80	157.48 11.24 -60.40	152.89 10.30 -62.76	194.98 10.83 -102.72	226.25 13.18 -115.43	217.35 11.65 -118.81	190.98 9.46 -109.86	177.86 10.86 -92.64	155.43 10.79 -69.76	129.11 11.30 -37.67	120.23 10.65 -30.14
WALDENNY_12_KV_BK2 80841	81.49 -7.60 -0.73	76.25 -6.75 -1.72	75.95 -6.56 -1.50	79.24 -6.73 -0.80	82.58 -6.60 -0.03	79.13 -6.45 -3.99	86.51 -7.61 -3.51	87.56 -9.16 -6.88	96.61 -11.03 -4.58	87.53 -9.88 -5.92	108.24 -13.34 -3.51	101.06 -13.02 -1.86	92.33 -11.88 -2.68	78.67 -10.13 -5.09	80.55 -10.30 -5.01	77.76 -9.10 -7.03	81.45 -9.20 -9.22	97.01 -10.94 -10.30	88.50 -9.56 -11.17	75.57 -8.03 -11.93	73.54 -8.48 -7.65	72.88 -8.54 -6.54	78.17 -8.65 -6.69	77.24 -7.55 -5.35
WALDEN__HYDRO 24148	98.14 5.65 -4.13	95.91 4.96 -9.68	94.16 4.70 -8.45	94.69 5.03 -4.50	94.77 5.44 -0.19	108.00 4.00 -22.41	115.15 4.89 -19.64	143.62 5.30 -48.49	140.87 6.60 -31.22	137.92 6.04 -40.39	150.15 8.15 -23.92	132.98 8.08 -12.67	126.91 7.11 -18.28	124.40 5.94 -34.74	126.13 6.09 -34.20	133.26 5.43 -48.00	150.13 5.70 -63.00	174.95 6.93 -70.38	169.44 6.26 -76.30	158.24 5.09 -81.49	132.25 6.02 -51.85	125.24 6.07 -44.30	123.00 6.49 -36.37	114.64 6.12 -29.09
WARRENSBURG____ 23737	101.03 6.90 -5.77	100.98 6.17 -13.53	99.06 6.24 -11.81	97.85 6.39 -6.29	96.45 7.04 -0.27	118.88 5.95 -31.34	125.28 7.16 -27.50	165.00 7.19 -67.97	155.16 8.34 -43.77	155.33 7.23 -56.62	160.83 9.22 -33.54	138.29 8.30 -17.76	134.56 7.41 -25.62	138.44 6.03 -48.70	139.96 6.18 -47.94	153.18 6.06 -67.29	176.17 6.43 -88.32	204.31 8.01 -98.66	200.97 7.13 -106.96	191.63 5.74 -114.23	153.61 6.55 -72.69	143.49 6.51 -62.10	137.56 6.49 -50.93	126.44 6.27 -40.73
WATERSIDE__6 8 9 23538	98.55 5.92 -4.28	96.50 5.20 -10.02	94.62 4.86 -8.75	94.85 5.03 -4.66	94.96 5.62 -0.20	108.55 3.75 -23.21	115.67 4.71 -20.34	145.62 5.57 -50.22	142.39 7.01 -32.33	139.99 6.68 -41.82	141.60 9.80 -13.73	135.12 9.76 -13.13	129.30 8.83 -18.94	126.98 7.28 -35.99	128.73 7.47 -35.43	136.10 6.55 -49.72	153.28 6.60 -65.26	176.74 7.91 -71.19	170.40 6.95 -76.57	161.86 5.80 -84.39	134.91 6.84 -53.70	123.42 7.04 -41.50	125.43 7.61 -37.68	116.88 7.31 -30.13
WATKINRD_115KV_LN8_ILLION 55919	90.65 2.30 0.00	83.39 2.11 0.00	83.12 2.11 0.00	87.47 2.30 0.00	91.55 2.41 0.00	83.55 1.96 0.00	92.79 2.17 0.00	91.99 2.16 0.00	105.42 2.37 0.00	93.69 2.20 0.00	120.91 2.83 0.00	114.92 2.69 0.00	103.96 2.44 0.00	85.63 1.93 0.00	87.81 1.97 0.00	81.58 1.76 0.00	83.22 1.79 0.00	99.69 2.05 0.00	88.62 1.74 0.00	73.03 1.36 0.00	76.00 1.64 0.00	76.45 1.57 0.00	81.82 1.68 0.00	81.11 1.67 0.00
WATSON__69_KV_BK 1 55734	101.73 9.10 -4.28	99.18 7.88 -10.03	97.21 7.45 -8.75	97.41 7.58 -4.66	97.99 8.65 -0.20	110.68 5.87 -23.21	118.57 7.61 -20.34	148.33 8.26 -50.22	146.52 11.13 -32.34	144.31 10.98 -41.84	157.52 14.64 -24.80	158.39 14.36 -31.80	156.43 13.00 -41.91	157.31 10.80 -62.80	157.40 11.16 -60.41	152.73 10.14 -62.77	194.66 10.50 -102.73	225.77 12.69 -115.44	217.09 11.38 -118.82	190.92 9.39 -109.87	177.50 10.49 -92.64	155.20 10.56 -69.77	128.95 11.14 -37.68	120.31 10.72 -30.14
WDELAWARE__HYD 323627	98.70 6.45 -3.90	96.10 5.69 -9.14	94.50 5.51 -7.98	95.29 5.87 -4.25	95.65 6.33 -0.18	107.83 5.06 -21.17	115.38 6.16 -18.60	142.12 6.38 -45.90	140.27 7.73 -29.49	136.41 6.77 -38.15	149.64 8.97 -22.60	133.05 8.86 -11.97	126.41 7.62 -17.26	122.88 6.36 -32.81	124.75 6.61 -32.30	131.16 5.99 -45.34	147.44 6.52 -59.50	172.32 8.20 -66.47	166.33 7.38 -72.06	154.57 5.94 -76.97	130.26 6.92 -48.98	123.53 6.81 -41.84	121.95 7.45 -34.36	113.66 6.75 -27.47

WEST BABYLON___IC 23714	101.20 8.57 -4.28	98.69 7.40 -10.03	96.73 6.97 -8.75	96.90 7.07 -4.66	97.45 8.11 -0.20	110.19 5.39 -23.21	118.03 7.07 -20.34	147.79 7.73 -50.22	145.80 10.41 -32.34	143.67 10.34 -41.84	156.57 13.70 -24.80	157.49 13.47 -31.80	155.52 12.08 -41.91	156.56 10.05 -62.80	156.63 10.39 -60.41	152.01 9.42 -62.77	193.84 9.69 -102.73	224.79 11.72 -115.43	216.22 10.51 -118.82	190.21 8.67 -109.87	176.75 9.74 -92.64	154.46 9.81 -69.77	128.23 10.42 -37.68	119.67 10.09 -30.14
WEST CANADA___HYD 24049	89.06 0.70 0.00	81.92 0.65 0.00	81.66 0.65 0.00	85.85 0.68 0.00	89.85 0.71 0.00	82.00 0.41 0.00	90.98 0.36 0.00	90.20 0.36 0.00	103.47 0.41 0.00	91.86 0.37 0.00	118.67 0.59 0.00	112.79 0.56 0.00	102.04 0.51 0.00	84.05 0.34 0.00	86.18 0.34 0.00	80.15 0.32 0.00	81.75 0.33 0.00	97.94 0.29 0.00	87.15 0.26 0.00	71.88 0.22 0.00	74.89 0.52 0.00	75.41 0.53 0.00	80.77 0.64 0.00	80.07 0.63 0.00
WESTERN_NY_WIND 24143	83.16 -5.83 -0.64	77.73 -5.04 -1.49	77.37 -4.94 -1.30	80.84 -5.03 -0.69	83.38 -5.79 -0.03	80.32 -4.73 -3.46	88.13 -5.53 -3.04	89.46 -6.83 -6.45	98.78 -8.55 -4.28	89.24 -7.78 -5.53	110.25 -11.10 -3.28	103.19 -10.77 -1.74	94.28 -9.75 -2.50	80.01 -8.45 -4.76	81.93 -8.58 -4.68	79.05 -7.34 -6.57	82.72 -7.33 -8.62	98.68 -8.59 -9.63	89.86 -7.47 -10.44	76.51 -6.31 -11.15	74.85 -6.69 -7.17	74.27 -6.74 -6.13	79.38 -6.57 -5.82	78.45 -5.64 -4.65
WESTOVER___LESR 323668	89.16 -0.62 -1.43	84.13 -0.49 -3.34	83.52 -0.41 -2.92	86.30 -0.43 -1.55	89.12 -0.09 -0.07	88.76 -0.57 -7.74	97.13 -0.27 -6.79	105.75 -0.45 -16.36	113.40 -0.52 -10.86	104.99 -0.55 -14.05	125.45 -0.94 -8.32	115.73 -0.90 -4.41	107.07 -0.81 -6.36	95.21 -0.59 -12.09	97.22 -0.52 -11.90	96.05 -0.48 -16.70	103.02 -0.33 -21.92	121.83 -0.29 -24.48	113.17 -0.26 -26.54	99.72 -0.29 -28.35	92.23 -0.15 -18.01	89.97 -0.30 -15.39	92.66 -0.40 -12.92	89.62 -0.16 -10.33
WETHRSFD_WT_PWR 323626	83.00 -6.19 -0.83	77.85 -5.37 -1.95	77.52 -5.19 -1.70	80.54 -5.53 -0.91	83.74 -5.44 -0.04	81.05 -5.06 -4.52	88.72 -5.98 -4.09	91.40 -7.10 -8.66	100.00 -8.66 -5.60	90.77 -7.96 -7.24	111.39 -10.98 -4.29	103.72 -10.77 -2.27	94.96 -9.85 -3.28	81.73 -8.20 -6.22	83.55 -8.41 -6.13	81.01 -7.42 -8.60	85.22 -7.49 -11.28	101.46 -8.79 -12.61	92.82 -7.73 -13.67	79.81 -6.45 -14.60	76.73 -6.91 -9.28	75.62 -7.19 -7.93	80.02 -7.69 -7.57	78.82 -6.67 -6.05
WHAVSTOR_138KV_BK127 55557	97.17 -4.68 -4.13	95.09 4.14 -9.67	93.34 3.89 -8.44	93.75 4.09 -4.50	93.88 4.55 -0.19	107.01 3.02 -22.40	114.05 3.81 -19.63	142.78 4.49 -48.45	139.93 5.67 -31.21	137.17 5.31 -40.37	149.43 7.44 -23.91	132.41 7.52 -12.67	126.50 6.70 -18.27	123.96 5.52 -34.72	125.68 5.67 -34.18	132.84 5.03 -47.98	149.44 5.05 -62.97	174.04 6.05 -70.34	168.53 5.39 -76.26	157.63 4.51 -81.45	131.62 5.43 -51.83	124.70 5.54 -44.28	122.42 5.93 -36.36	114.15 5.64 -29.07
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	97.17 4.68 -4.13	95.09 4.14 -9.67	93.34 3.89 -8.44	93.75 4.09 -4.50	93.88 4.55 -0.19	107.01 3.02 -22.40	114.05 3.81 -19.63	142.78 4.49 -48.45	139.93 5.67 -31.21	137.17 5.31 -40.37	149.43 7.44 -23.91	132.41 7.52 -12.67	126.50 6.70 -18.27	123.96 5.52 -34.72	125.68 5.67 -34.18	132.84 5.03 -47.98	149.44 5.05 -62.97	174.04 6.05 -70.34	168.53 5.39 -76.26	157.63 4.51 -81.45	131.62 5.43 -51.83	124.70 5.54 -44.28	122.42 5.93 -36.36	114.15 5.64 -29.07
WHITEHAL_115KV_TB1 80871	102.87 8.75 -5.77	102.59 7.80 -13.52	100.67 7.86 -11.80	99.63 8.18 -6.28	98.41 9.00 -0.27	120.73 7.83 -31.30	127.56 9.51 -27.43	167.16 9.52 -67.80	157.90 11.13 -43.72	157.65 9.61 -56.55	163.62 12.04 -33.50	140.97 11.00 -17.75	136.76 9.65 -25.59	140.23 7.87 -48.65	141.79 8.07 -47.89	155.03 7.98 -67.22	178.35 8.71 -88.22	206.83 10.64 -98.55	203.28 9.56 -106.84	193.44 7.67 -114.11	155.46 8.48 -72.61	145.22 8.31 -62.03	139.27 8.25 -50.88	128.14 8.02 -40.68
WHITEPLN_13_KV_LOAD 356215	98.90 6.27 -4.27	96.80 5.53 -10.00	95.01 5.27 -8.73	95.44 5.62 -4.65	95.49 6.15 -0.20	109.24 4.49 -23.16	116.62 5.71 -20.30	146.51 6.56 -50.11	143.47 8.14 -32.27	140.65 7.41 -41.75	152.96 10.15 -24.73	135.31 9.99 -13.10	129.45 9.04 -18.89	127.07 7.45 -35.91	128.83 7.64 -35.35	136.23 6.79 -49.62	153.46 6.92 -65.12	178.78 8.40 -72.74	173.13 7.39 -78.86	162.13 6.23 -84.23	135.18 7.21 -53.60	128.01 7.34 -45.79	125.34 7.61 -37.59	116.73 7.23 -30.06
WM_FLOYD_69_KV_BK2 356380	101.38 8.75 -4.28	98.78 7.48 -10.03	96.81 7.05 -8.75	96.98 7.15 -4.66	97.63 8.29 -0.20	110.27 5.47 -23.21	118.21 7.25 -20.34	147.61 7.55 -50.22	146.11 10.72 -32.34	143.94 10.61 -41.84	157.16 14.29 -24.80	158.05 14.03 -31.80	156.13 12.69 -41.91	157.06 10.55 -62.80	157.23 10.99 -60.41	152.57 9.98 -62.77	194.58 10.42 -102.73	225.78 12.69 -115.44	217.01 11.30 -118.82	190.78 9.24 -109.87	177.42 10.41 -92.64	155.05 10.41 -69.77	128.63 10.82 -37.68	120.07 10.49 -30.14
WOODARD___115KV_TB2 355635	87.08 -1.68 -0.40	80.67 -1.54 -0.94	80.29 -1.54 -0.82	83.99 -1.62 -0.44	87.29 -1.87 -0.02	82.23 -1.55 -2.18	91.45 -1.09 -1.92	93.51 -1.08 -4.75	104.69 -1.55 -3.18	94.15 -1.46 -4.12	118.51 -2.01 -2.44	111.49 -2.02 -1.29	101.56 -1.83 -1.86	85.91 -1.34 -3.54	87.95 -1.37 -3.49	83.45 -1.28 -4.90	86.63 -1.22 -6.42	103.45 -1.37 -7.18	93.54 -1.13 -7.78	78.90 -1.07 -8.31	78.91 -0.97 -5.51	78.54 -1.05 -4.71	82.88 -1.12 -3.86	81.42 -1.11 -3.09
YORK___WARBASSE 23770	99.17 6.54 -4.28	96.90 5.61 -10.02	95.03 5.27 -8.75	95.28 5.45 -4.66	95.40 6.06 -0.20	108.96 4.16 -23.21	116.12 5.17 -20.34	146.16 6.11 -50.22	142.97 7.52 -32.39	140.51 7.14 -41.89	257.12 10.39 -128.65	135.68 10.32 -13.13	129.81 9.34 -18.94	127.48 7.78 -35.99	129.16 7.90 -35.43	136.50 6.95 -49.72	153.69 7.00 -65.26	190.97 8.49 -84.83	190.71 7.56 -96.26	162.48 6.31 -84.51	252.12 7.36 -170.39	159.06 7.56 -76.62	125.91 8.09 -37.68	117.27 7.71 -30.13