

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion																		01/30/2025		
Name	PTID	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																																	
59TH STREET_GT_1 24138	EST	109.02	100.52	97.43	99.30	105.98	107.66	159.94	198.98	160.49	140.46	107.45	96.68	83.49	77.44	90.25	77.37	143.73	152.81	170.42	146.54	138.55	125.75	100.99	91.94																																	
		6.75	5.78	5.43	5.35	6.09	6.86	5.35	7.06	8.68	7.89	7.57	7.59	6.45	6.06	5.59	6.19	6.84	7.94	7.95	7.11	9.45	8.83	6.70	5.10																																	
		-0.01	0.00	0.00	0.00	-0.01	-4.21	-85.14	-103.68	-49.64	-44.94	-12.79	-1.83	-1.13	0.00	-18.14	0.00	-58.19	-57.61	-75.12	-59.54	-19.18	-2.28	0.00	-11.89																																	
74TH STREET_GT_1 24260	EST	108.92	100.43	97.25	99.21	105.78	107.37	159.82	198.74	160.20	140.11	107.11	96.42	83.27	77.16	89.99	77.16	143.51	152.56	170.26	146.40	138.23	125.52	100.80	91.79																																	
		6.65	5.68	5.24	5.26	5.89	6.57	5.21	6.79	8.38	7.54	7.23	7.33	6.22	5.78	5.32	5.98	6.61	7.68	7.77	6.95	9.12	8.60	6.51	4.95																																	
		-0.01	0.00	0.00	0.00	-0.01	-4.21	-85.16	-103.70	-49.65	-44.95	-12.79	-1.83	-1.13	0.00	-18.14	0.00	-58.21	-57.62	-75.14	-59.55	-19.18	-2.28	0.00	-11.89																																	
74TH STREET_GT_2 24261	EST	108.92	100.43	97.25	99.21	105.78	107.37	159.82	198.74	160.20	140.11	107.11	96.42	83.27	77.16	89.99	77.16	143.51	152.56	170.26	146.40	138.23	125.52	100.80	91.79																																	
		6.65	5.68	5.24	5.26	5.89	6.57	5.21	6.79	8.38	7.54	7.23	7.33	6.22	5.78	5.32	5.98	6.61	7.68	7.77	6.95	9.12	8.60	6.51	4.95																																	
		-0.01	0.00	0.00	0.00	-0.01	-4.21	-85.16	-103.70	-49.65	-44.95	-12.79	-1.83	-1.13	0.00	-18.14	0.00	-58.21	-57.62	-75.14	-59.55	-19.18	-2.28	0.00	-11.89																																	
ADK HUDSON___FALLS 24011	EST	111.35	102.70	99.73	101.93	108.76	141.40	182.29	225.77	172.84	150.34	108.96	94.98	81.74	75.52	93.45	75.95	157.97	166.88	189.15	161.20	142.46	135.19	102.60	145.99																																	
		9.00	7.96	7.73	7.99	8.79	8.89	5.49	6.79	8.07	6.05	5.75	5.41	4.40	4.14	4.06	4.77	5.90	6.98	7.08	6.23	8.35	10.66	8.30	6.30																																	
		-0.09	0.00	0.00	0.00	-0.09	-35.92	-107.35	-130.73	-62.59	-56.66	-16.12	-2.31	-1.42	0.00	-22.87	0.00	-73.38	-72.64	-94.72	-75.08	-24.18	-9.90	0.00	-64.74																																	
ADK RESOURCE___RCVRY 23798	EST	111.96	103.28	100.29	102.59	109.46	142.37	182.76	226.35	173.42	150.66	109.24	95.24	81.89	75.73	93.68	76.08	158.37	167.39	189.69	161.68	142.92	136.06	103.26	147.01																																	
		9.61	8.53	8.28	8.64	9.49	9.56	5.83	7.24	8.58	6.31	6.00	5.67	4.55	4.35	4.26	4.91	6.22	7.41	7.51	6.63	8.80	11.46	8.96	6.82																																	
		-0.09	0.00	0.00	0.00	-0.09	-36.22	-107.47	-130.87	-62.66	-56.72	-16.14	-2.31	-1.42	0.00	-22.90	0.00	-73.46	-72.72	-94.83	-75.16	-24.21	-9.96	0.00	-65.23																																	
ADK S GLENS___FALLS 24028	EST	111.35	102.70	99.73	101.93	108.76	141.40	182.29	225.77	172.84	150.34	108.96	94.98	81.74	75.52	93.45	75.95	157.97	166.88	189.15	161.20	142.46	135.19	102.60	145.99																																	
		9.00	7.96	7.73	7.99	8.79	8.89	5.49	6.79	8.07	6.05	5.75	5.41	4.40	4.14	4.06	4.77	5.90	6.98	7.08	6.23	8.35	10.66	8.30	6.30																																	
		-0.09	0.00	0.00	0.00	-0.09	-35.92	-107.35	-130.73	-62.59	-56.66	-16.12	-2.31	-1.42	0.00	-22.87	0.00	-73.38	-72.64	-94.72	-75.08	-24.18	-9.90	0.00	-64.74																																	
ADK_NYS___DAM 23527	EST	109.38	101.00	97.90	99.97	106.63	129.48	178.22	220.53	170.31	148.86	109.09	95.94	82.75	76.52	93.38	76.37	155.22	163.96	185.36	158.47	141.38	130.53	100.90	128.20																																	
		7.05	6.25	5.89	6.02	6.69	7.05	5.21	6.18	7.76	6.58	6.44	6.46	5.47	5.14	4.79	5.19	5.74	6.63	6.64	6.15	8.13	8.36	6.60	5.10																																	
		-0.06	0.00	0.00	0.00	-0.06	-25.85	-103.56	-126.10	-60.38	-54.66	-15.55	-2.22	-1.37	0.00	-22.06	0.00	-70.78	-70.07	-91.38	-72.42	-23.33	-7.54	0.00	-48.15																																	
AIR_PRODUCTS___DRP 24190	EST	105.78	97.87	94.95	96.95	103.21	117.14	175.32	217.08	165.72	145.11	105.75	92.72	80.02	73.95	90.99	73.38	151.53	159.32	180.79	154.09	135.64	122.65	96.84	111.89																																	
		3.48	3.13	2.94	3.01	3.30	3.09	1.94	2.29	2.96	2.63	3.05	3.23	2.73	2.57	2.33	2.21	1.81	1.75	1.75	1.52	2.31	2.41	2.55	2.40																																	
		-0.04	0.00	0.00	0.00	-0.04	-17.46	-103.92	-126.54	-60.59	-54.85	-15.61	-2.23	-1.38	0.00	-22.14	0.00	-71.03	-70.32	-91.69	-72.68	-23.41	-5.61	0.00	-34.54																																	
AKWESSNE_115KV_BK 355683	EST	101.75	94.56	92.10	93.76	99.48	95.34	68.41	87.45	101.15	86.58	86.57	86.56	75.61	71.02	66.26	70.61	78.46	86.74	86.56	79.25	109.26	114.29	94.58	75.78																																	
		-0.51	-0.19	0.09	-0.19	-0.40	-1.26	-1.04	-0.79	-1.02	-1.05	-0.52	-0.70	-0.30	-0.36	-0.27	-0.57	-0.24	-0.52	-0.79	-0.64	-0.66	-0.34	0.28	0.82																																	
		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	EST	107.00	99.20	96.33	98.36	104.41	114.12	174.61	216.11	165.68	144.59	105.56	92.77	79.99	74.09	90.80	74.03	151.47	159.75	180.84	154.41	137.20	123.68	98.35	105.58																																	
		4.71	4.45	4.33	4.42	4.50	4.45	3.05	3.53	3.98	3.07	3.13	3.32	2.73	2.71	2.53	2.85	2.99	3.40	3.40	3.11	4.28	4.47	4.05	3.29																																	
		-0.03	0.00	0.00	0.00	-0.03	-13.09	-102.10	-124.33	-59.53	-53.89	-15.34	-2.19	-1.35	0.00	-21.75	0.00	-69.79	-69.09	-90.09	-71.41	-23.00	-4.58	0.00	-27.33																																	
ALBANY_2_SOLAR 323834	EST	107.00	99.11	96.24	98.27	104.41	114.12	174.62	216.12	165.69	144.59	105.56	92.77	79.99	74.09	90.74	73.95	151.48	159.76	180.85	154.34	137.20	123.57	98.35	105.57																																	
		4.71	4.36	4.23	4.32	4.50	4.45	3.05	3.53	3.98	3.07	3.13	3.32	2.73	2.71	2.46	2.77	2.99	3.40	3.40	3.04	4.28	4.36	4.05	3.29																																	
		-0.03	0.00	0.00	0.00	-0.03	-13.08	-102.11	-124.35	-59.54	-53.90	-15.34	-2.19	-1.35	0.00	-21.76	0.00	-69.80	-69.10	-90.10	-71.41	-23.00	-4.58	0.00	-27.32																																	
ALBANY___1 23571	EST	105.78	97.87	94.95	96.95	103.21	117.14	175.32	217.08	165.72	145.11	105.75	92.72	80.02	73.95	90.99	73.38	151.53	159.32	180.79	154.09	135.64	122.65	96.84	111.89																																	
		3.48	3.13	2.94	3.01	3.30	3.09	1.94	2.29	2.96	2.63	3.05	3.23	2.73	2.57	2.33	2.21	1.81	1.75	1.75	1.52	2.31	2.41	2.55	2.40																																	
		-0.04	0.00	0.00	0.00	-0.04	-17.46	-103.92	-126.54	-60.59	-54.85	-15.61	-2.23	-1.38	0.00	-22.14	0.00	-71.03	-70.32	-91.69	-72.68	-23.41	-5.61	0.00	-34.54																																	

ALBANY___2 23572	105.78 3.48 -0.04	97.87 3.13 0.00	94.95 2.94 0.00	96.95 3.01 0.00	103.21 3.30 -0.04	117.14 3.09 -17.46	175.32 1.94 -103.92	217.08 2.29 -126.54	165.72 2.96 -60.59	145.11 2.63 -54.85	105.75 3.05 -15.61	92.72 3.23 -2.23	80.02 2.73 -1.38	73.95 2.57 0.00	90.99 2.33 -22.14	73.38 2.21 0.00	151.53 1.81 -71.03	159.32 1.75 -70.32	180.79 1.75 -91.69	154.09 1.52 -72.68	135.64 2.31 -23.41	122.65 2.41 -5.61	96.84 2.55 0.00	111.89 2.40 -34.54
ALBANY___3 23573	105.78 3.48 -0.04	97.87 3.13 0.00	94.95 2.94 0.00	96.95 3.01 0.00	103.21 3.30 -0.04	117.14 3.09 -17.46	175.32 1.94 -103.92	217.08 2.29 -126.54	165.72 2.96 -60.59	145.11 2.63 -54.85	105.75 3.05 -15.61	92.72 3.23 -2.23	80.02 2.73 -1.38	73.95 2.57 0.00	90.99 2.33 -22.14	73.38 2.21 0.00	151.53 1.81 -71.03	159.32 1.75 -70.32	180.79 1.75 -91.69	154.09 1.52 -72.68	135.64 2.31 -23.41	122.65 2.41 -5.61	96.84 2.55 0.00	111.89 2.40 -34.54
ALBANY___4 23574	105.78 3.48 -0.04	97.87 3.13 0.00	94.95 2.94 0.00	96.95 3.01 0.00	103.21 3.30 -0.04	117.14 3.09 -17.46	175.32 1.94 -103.92	217.08 2.29 -126.54	165.72 2.96 -60.59	145.11 2.63 -54.85	105.75 3.05 -15.61	92.72 3.23 -2.23	80.02 2.73 -1.38	73.95 2.57 0.00	90.99 2.33 -22.14	73.38 2.21 0.00	151.53 1.81 -71.03	159.32 1.75 -70.32	180.79 1.75 -91.69	154.09 1.52 -72.68	135.64 2.31 -23.41	122.65 2.41 -5.61	96.84 2.55 0.00	111.89 2.40 -34.54
ALBANY___LFGE 323615	106.61 4.29 -0.06	98.54 3.79 0.00	95.69 3.68 0.00	97.61 3.66 0.00	103.93 4.00 -0.06	123.96 3.96 -23.41	177.01 2.64 -104.92	219.18 3.17 -127.76	167.44 4.09 -61.17	146.42 3.41 -55.38	106.68 3.83 -15.76	93.45 3.93 -2.25	80.64 3.34 -1.39	74.51 3.14 0.00	91.80 2.92 -22.35	74.03 2.85 0.00	153.09 2.68 -71.71	161.13 2.88 -70.99	182.72 2.79 -92.58	155.82 2.56 -73.38	137.07 3.52 -23.63	125.29 3.67 -6.99	97.69 3.39 0.00	122.22 3.00 -44.27
ALCOA_PA_115KV_PL-6C 55860	102.16 -0.10 0.00	94.93 0.19 0.00	92.46 0.46 0.00	94.14 0.19 0.00	99.78 -0.10 0.00	95.63 -0.97 0.00	68.69 -0.76 0.00	87.80 -0.44 0.00	101.46 -0.72 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.83 -0.44 0.00	75.91 0.00 0.00	71.23 -0.14 0.00	66.46 -0.07 0.00	70.82 -0.36 0.00	78.69 0.00 0.00	87.00 -0.26 0.00	86.82 -0.52 0.00	79.41 -0.48 0.00	109.48 -0.44 0.00	114.52 -0.11 0.00	94.86 0.57 0.00	76.08 1.12 0.00
ALCOA_RYNLDS___DRP 24188	102.16 -0.10 0.00	94.93 0.19 0.00	92.46 0.46 0.00	94.14 0.19 0.00	99.78 -0.10 0.00	95.63 -0.97 0.00	68.69 -0.76 0.00	87.80 -0.44 0.00	101.46 -0.72 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.83 -0.44 0.00	75.91 0.00 0.00	71.23 -0.14 0.00	66.46 -0.07 0.00	70.82 -0.36 0.00	78.69 0.00 0.00	87.00 -0.26 0.00	86.82 -0.52 0.00	79.41 -0.48 0.00	109.48 -0.44 0.00	114.52 -0.11 0.00	94.86 0.57 0.00	76.08 1.12 0.00
ALCOA___DSASP 323711	102.16 -0.10 0.00	94.93 0.19 0.00	92.47 0.46 0.00	94.04 0.09 0.00	99.78 -0.10 0.00	95.63 -0.97 0.00	68.69 -0.76 0.00	87.81 -0.44 0.00	101.46 -0.71 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.91 -0.35 0.00	75.91 0.00 0.00	71.23 -0.14 0.00	66.46 -0.07 0.00	70.89 -0.28 0.00	78.69 0.00 0.00	87.00 -0.26 0.00	86.83 -0.52 0.00	79.34 -0.56 0.00	109.48 -0.44 0.00	114.52 -0.11 0.00	94.87 0.57 0.00	76.00 1.05 0.00
ALLEGHENY___COGEN 23514	97.25 -5.01 0.00	89.72 -5.02 0.00	87.59 -4.41 0.00	90.09 -3.86 0.00	95.48 -4.39 0.00	93.86 -2.90 -0.16	82.91 -1.18 -14.64	87.98 -2.38 -2.12	97.94 -4.90 -0.67	84.37 -4.20 -0.95	81.41 -5.93 -0.24	81.34 -5.94 -0.01	70.60 -5.32 0.00	66.52 -4.86 0.00	62.54 -4.39 -0.41	67.10 -4.05 0.03	75.20 -4.64 -1.15	83.98 -4.27 -0.99	127.67 -4.45 -44.77	117.02 -4.24 -41.37	112.79 -7.04 -9.91	79.49 -8.03 27.12	59.84 -7.07 27.38	69.07 -6.00 -0.11
ALTAMONT_115KV_TB 2 55880	105.98 3.68 -0.03	97.97 3.22 0.00	95.13 3.13 0.00	97.05 3.10 0.00	103.41 3.50 -0.03	114.33 3.67 -14.07	175.82 2.57 -103.80	217.82 3.18 -126.39	166.47 3.78 -60.52	145.66 3.24 -54.79	105.90 3.22 -15.59	92.81 3.32 -2.23	80.10 2.81 -1.37	74.09 2.71 0.00	91.16 2.53 -22.11	73.81 2.63 0.00	152.47 2.83 -70.95	160.64 3.14 -70.23	182.08 3.14 -91.59	155.36 2.88 -72.59	137.15 3.85 -23.38	123.36 3.90 -4.83	97.50 3.21 0.00	106.52 2.55 -29.02
ALTONA_WT_PWR 323606	100.52 -1.74 0.00	93.42 -1.33 0.00	90.90 -1.10 0.00	92.35 -1.60 0.00	98.28 -1.60 0.00	94.66 -1.93 0.00	68.34 -1.11 0.00	87.28 -0.97 0.00	100.74 -1.43 0.00	86.31 -1.31 0.00	86.48 -0.61 0.00	86.56 -0.70 0.00	75.69 -0.23 0.00	71.09 -0.28 0.00	66.39 -0.13 0.00	70.96 -0.21 0.00	79.01 0.32 0.00	87.26 0.00 0.00	87.17 -0.17 0.00	79.50 -0.40 0.00	109.48 -0.44 0.00	114.41 -0.23 0.00	94.68 0.38 0.00	76.23 1.27 0.00
AMERICAN_REF_FUEL 24010	90.71 -11.56 0.00	84.04 -10.71 0.00	82.34 -9.66 0.00	84.74 -9.20 0.00	89.49 -10.39 0.00	87.65 -9.08 -0.15	75.68 -6.88 -13.10	83.44 -10.95 -6.14	90.85 -14.20 -2.88	79.87 -10.43 -2.67	75.37 -12.46 -0.74	75.57 -11.78 -0.09	65.49 -10.48 -0.05	61.88 -9.49 0.00	58.56 -9.05 -1.09	61.63 -9.54 0.02	70.00 -12.12 -3.42	77.53 -13.09 -3.36	68.88 -12.76 5.71	66.01 -11.26 2.62	65.24 -16.93 27.76	58.79 -16.97 38.88	63.86 -13.67 16.76	64.46 -10.87 -0.37
ARKWRIGHT___SUMMIT_WT_PWR 323751	95.10 -7.16 0.00	88.11 -6.63 0.00	86.39 -5.62 0.00	88.87 -5.07 0.00	93.98 -5.89 0.00	91.44 -5.31 -0.16	79.89 -4.17 -14.60	86.86 -6.97 -5.58	96.10 -8.48 -2.40	83.15 -6.92 -2.44	80.10 -7.66 -0.67	80.01 -7.33 -0.08	69.43 -6.53 -0.04	65.52 -5.85 0.00	61.61 -5.92 -1.00	64.82 -6.34 0.02	74.01 -7.79 -3.11	81.92 -8.38 -3.04	72.31 -8.47 6.57	69.25 -7.91 2.73	64.42 -12.42 33.07	53.57 -12.95 48.11	62.33 -10.75 21.21	66.90 -8.39 -0.34
ARTHUR KILL_GT_1 23520	110.10 5.72 -2.11	55.86 4.74 43.62	55.76 4.33 40.57	55.76 4.13 42.31	55.78 4.79 48.90	56.05 5.50 46.05	198.94 4.38 -125.11	278.77 5.73 -184.79	233.29 7.26 -123.86	222.66 6.66 -128.38	146.65 6.44 -53.12	131.04 6.55 -37.23	61.80 5.47 19.58	61.85 5.14 14.66	119.53 4.72 -48.28	113.34 5.41 -36.76	181.61 6.06 -96.86	216.63 7.16 -122.22	253.53 7.34 -158.84	208.09 6.55 -121.64	178.85 8.58 -60.35	158.60 7.68 -36.28	127.44 5.75 -27.39	92.60 4.50 -13.15
ARTHUR_KILL_2 23512	109.79 5.42 -2.11	55.58 4.45 43.62	55.48 4.04 40.57	55.49 3.85 42.31	55.48 4.50 48.90	55.75 5.21 46.05	198.66 4.10 -125.11	278.51 5.47 -184.79	232.98 6.95 -123.86	222.40 6.39 -128.38	146.39 6.18 -53.12	130.78 6.29 -37.23	61.57 5.23 19.58	61.63 4.92 14.66	119.33 4.53 -48.28	113.13 5.19 -36.76	181.37 5.82 -96.86	216.37 6.89 -122.22	253.26 7.07 -158.84	207.77 6.24 -121.64	178.52 8.25 -60.35	158.26 7.34 -36.28	127.15 5.47 -27.39	92.37 4.27 -13.15
ARTHUR_KILL_3 23513	55.94 5.31 51.64	55.57 4.45 43.63	55.57 4.14 40.58	55.57 3.95 42.32	55.57 4.60 48.90	55.94 5.41 46.06	94.98 4.31 -21.22	134.06 5.65 -40.16	112.78 6.95 -3.66	114.99 6.48 -20.88	68.67 6.09 24.52	63.06 6.20 30.40	61.56 5.23 19.59	61.56 4.86 14.67	62.31 4.46 8.67	62.31 4.98 13.85	69.06 5.51 15.14	97.27 6.46 -3.55	116.77 6.64 -22.78	93.15 5.91 -7.35	69.90 7.69 47.71	69.06 7.11 52.69	59.06 5.28 40.52	61.78 3.97 17.14

ARTHUR_KILL_COGEN 323718	110.10 5.72 -2.11	55.86 4.74 43.62	55.76 4.33 40.57	55.76 4.13 42.31	55.78 4.79 48.90	56.05 5.50 46.05	198.94 4.38 -125.11	278.77 5.73 -184.79	233.29 7.26 -123.86	222.66 6.66 -128.38	146.65 6.44 -53.12	131.04 6.55 -37.23	61.80 5.47 19.58	61.85 5.14 14.66	119.53 4.72 -48.28	113.34 5.41 -36.76	181.61 6.06 -96.86	216.63 7.16 -122.22	253.53 7.34 -158.84	208.09 6.55 -121.64	178.85 8.58 -60.35	158.60 7.68 -36.28	127.44 5.75 -27.39	92.60 4.50 -13.15
ASHOKAN____ 23654	104.84 2.56 -0.02	100.72 5.97 0.00	97.80 5.80 0.00	99.97 6.02 0.00	102.60 2.70 -0.02	110.43 3.58 -10.26	167.51 2.78 -95.27	207.96 3.71 -116.01	161.81 4.09 -55.55	140.89 2.98 -50.29	103.75 2.35 -14.31	94.37 5.06 -2.05	79.07 1.90 -1.26	74.94 3.57 0.00	88.48 1.66 -20.30	75.45 4.27 0.00	146.73 2.91 -65.12	155.56 3.84 -64.47	175.60 4.19 -84.06	150.03 3.51 -66.63	136.00 4.62 -21.46	122.24 3.78 -3.82	100.52 6.22 0.00	99.53 2.25 -22.32
ASTORIA_EAST_ENERGY_CC1 323581	108.82 6.55 -0.01	100.14 5.40 0.00	96.88 4.87 0.00	98.64 4.70 0.00	105.37 5.49 -0.01	106.79 5.99 -4.21	159.06 4.45 -85.16	197.67 5.73 -103.69	159.18 7.36 -49.64	139.31 6.75 -44.94	106.49 6.62 -12.78	95.71 6.63 -1.82	82.65 5.62 -1.12	76.65 5.28 0.01	89.51 4.85 -18.14	76.65 5.48 0.01	142.87 5.98 -58.20	151.77 6.89 -57.61	169.55 7.07 -75.13	145.75 6.31 -59.55	137.44 8.35 -19.17	124.47 7.56 -2.27	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_EAST_ENERGY_CC2 323582	108.82 6.55 -0.01	100.14 5.40 0.00	96.88 4.87 0.00	98.64 4.70 0.00	105.37 5.49 -0.01	106.79 5.99 -4.21	159.06 4.45 -85.16	197.67 5.73 -103.69	159.18 7.36 -49.64	139.31 6.75 -44.94	106.49 6.62 -12.78	95.71 6.63 -1.82	82.65 5.62 -1.12	76.65 5.28 0.01	89.51 4.85 -18.14	76.65 5.48 0.01	142.87 5.98 -58.20	151.77 6.89 -57.61	169.55 7.07 -75.13	145.75 6.31 -59.55	137.44 8.35 -19.17	124.47 7.56 -2.27	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_GT2_1 24094	108.92 6.65 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.28 7.46 -49.65	139.32 6.75 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.52 4.86 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.87 6.98 -57.62	169.56 7.08 -75.14	145.76 6.31 -59.55	137.46 8.35 -19.18	124.48 7.57 -2.28	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_GT2_2 24095	108.92 6.65 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.28 7.46 -49.65	139.32 6.75 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.52 4.86 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.87 6.98 -57.62	169.56 7.08 -75.14	145.76 6.31 -59.55	137.46 8.35 -19.18	124.48 7.57 -2.28	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_GT2_3 24096	108.92 6.65 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.28 7.46 -49.65	139.32 6.75 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.52 4.86 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.87 6.98 -57.62	169.56 7.08 -75.14	145.76 6.31 -59.55	137.46 8.35 -19.18	124.48 7.57 -2.28	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_GT2_4 24097	108.92 6.65 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.28 7.46 -49.65	139.32 6.75 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.52 4.86 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.87 6.98 -57.62	169.56 7.08 -75.14	145.76 6.31 -59.55	137.46 8.35 -19.18	124.48 7.57 -2.28	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_GT3_1 24098	108.92 6.65 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.28 7.46 -49.65	139.32 6.75 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.52 4.86 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.87 6.98 -57.62	169.56 7.08 -75.14	145.76 6.31 -59.55	137.46 8.35 -19.18	124.48 7.57 -2.28	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_GT3_2 24099	108.92 6.65 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.28 7.46 -49.65	139.32 6.75 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.52 4.86 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.87 6.98 -57.62	169.56 7.08 -75.14	145.76 6.31 -59.55	137.46 8.35 -19.18	124.48 7.57 -2.28	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_GT3_3 24100	108.92 6.65 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.28 7.46 -49.65	139.32 6.75 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.52 4.86 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.87 6.98 -57.62	169.56 7.08 -75.14	145.76 6.31 -59.55	137.46 8.35 -19.18	124.48 7.57 -2.28	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_GT3_4 24101	108.92 6.65 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.28 7.46 -49.65	139.32 6.75 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.52 4.86 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.87 6.98 -57.62	169.56 7.08 -75.14	145.76 6.31 -59.55	137.46 8.35 -19.18	124.48 7.57 -2.28	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_GT4_1 24102	108.92 6.65 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.28 7.46 -49.65	139.32 6.75 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.52 4.86 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.87 6.98 -57.62	169.56 7.08 -75.14	145.76 6.31 -59.55	137.46 8.35 -19.18	124.48 7.57 -2.28	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_GT4_2 24103	108.92 6.65 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.28 7.46 -49.65	139.32 6.75 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.52 4.86 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.87 6.98 -57.62	169.56 7.08 -75.14	145.76 6.31 -59.55	137.46 8.35 -19.18	124.48 7.57 -2.28	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_GT4_3 24104	108.92 6.65 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.28 7.46 -49.65	139.32 6.75 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.52 4.86 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.87 6.98 -57.62	169.56 7.08 -75.14	145.76 6.31 -59.55	137.46 8.35 -19.18	124.48 7.57 -2.28	100.52 6.22 0.00	92.17 5.32 -11.89

ASTORIA_GT4_4 24105	108.92 6.65 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.28 7.46 -49.65	139.32 6.75 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.52 4.86 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.87 6.98 -57.62	169.56 7.08 -75.14	145.76 6.31 -59.55	137.46 8.35 -19.18	124.48 7.57 -2.28	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA_GT_1 23523	109.02 6.75 -0.01	100.33 5.59 0.00	97.06 5.06 0.00	98.92 4.98 0.00	105.58 5.69 -0.01	107.08 6.27 -4.21	159.19 4.58 -85.16	197.85 5.91 -103.69	159.48 7.67 -49.64	139.58 7.01 -44.94	106.75 6.88 -12.78	95.98 6.89 -1.82	82.88 5.85 -1.12	76.86 5.50 0.01	89.65 4.99 -18.14	76.79 5.62 0.01	143.11 6.22 -58.20	152.03 7.16 -57.61	169.73 7.25 -75.13	145.91 6.47 -59.55	137.67 8.58 -19.17	124.71 7.80 -2.27	100.71 6.42 0.00	92.32 5.47 -11.89
ASTORIA_GT_10 24110	108.61 6.34 -0.01	100.05 5.31 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.33 4.72 -85.16	198.12 6.18 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.76 6.88 -12.79	96.07 6.98 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.12 6.22 -58.21	152.13 7.24 -57.62	169.82 7.34 -75.14	146.00 6.55 -59.55	137.79 8.68 -19.18	124.94 8.02 -2.28	100.43 6.13 0.00	91.79 4.95 -11.89
ASTORIA_GT_11 24225	108.61 6.34 -0.01	100.05 5.31 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.33 4.72 -85.16	198.12 6.18 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.76 6.88 -12.79	96.07 6.98 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.12 6.22 -58.21	152.13 7.24 -57.62	169.82 7.34 -75.14	146.00 6.55 -59.55	137.79 8.68 -19.18	124.94 8.02 -2.28	100.43 6.13 0.00	91.79 4.95 -11.89
ASTORIA_GT_12 24226	108.61 6.34 -0.01	100.05 5.31 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.33 4.72 -85.16	198.12 6.18 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.76 6.88 -12.79	96.07 6.98 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.12 6.22 -58.21	152.13 7.24 -57.62	169.82 7.34 -75.14	146.00 6.55 -59.55	137.79 8.68 -19.18	124.94 8.02 -2.28	100.43 6.13 0.00	91.79 4.95 -11.89
ASTORIA_GT_13 24227	108.61 6.34 -0.01	100.05 5.31 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.33 4.72 -85.16	198.12 6.18 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.76 6.88 -12.79	96.07 6.98 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.12 6.22 -58.21	152.13 7.24 -57.62	169.82 7.34 -75.14	146.00 6.55 -59.55	137.79 8.68 -19.18	124.94 8.02 -2.28	100.43 6.13 0.00	91.79 4.95 -11.89
ASTORIA_GT_5 24106	109.02 6.75 -0.01	100.33 5.59 0.00	97.06 5.06 0.00	98.93 4.98 0.00	105.58 5.69 -0.01	107.08 6.28 -4.21	159.20 4.58 -85.16	197.85 5.91 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.76 6.88 -12.79	95.99 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.65 4.99 -18.14	76.80 5.62 0.00	143.12 6.22 -58.21	152.04 7.16 -57.62	169.74 7.25 -75.14	146.00 6.55 -59.55	137.68 8.57 -19.18	124.71 7.80 -2.28	100.71 6.41 0.00	92.24 5.40 -11.89
ASTORIA_GT_7 24107	109.02 6.75 -0.01	100.33 5.59 0.00	97.06 5.06 0.00	98.93 4.98 0.00	105.58 5.69 -0.01	107.08 6.28 -4.21	159.20 4.58 -85.16	197.85 5.91 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.76 6.88 -12.79	95.99 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.65 4.99 -18.14	76.80 5.62 0.00	143.12 6.22 -58.21	152.04 7.16 -57.62	169.74 7.25 -75.14	146.00 6.55 -59.55	137.68 8.57 -19.18	124.71 7.80 -2.28	100.71 6.41 0.00	92.24 5.40 -11.89
ASTORIA_GT_8 24108	109.02 6.75 -0.01	100.33 5.59 0.00	97.06 5.06 0.00	98.93 4.98 0.00	105.58 5.69 -0.01	107.08 6.28 -4.21	159.20 4.58 -85.16	197.85 5.91 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.76 6.88 -12.79	95.99 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.65 4.99 -18.14	76.80 5.62 0.00	143.12 6.22 -58.21	152.04 7.16 -57.62	169.74 7.25 -75.14	146.00 6.55 -59.55	137.68 8.57 -19.18	124.71 7.80 -2.28	100.71 6.41 0.00	92.24 5.40 -11.89
ASTORIA___2 24149	108.91 6.64 -0.01	100.24 5.49 0.00	96.97 4.96 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.67 5.73 -103.69	159.27 7.45 -49.64	139.41 6.84 -44.94	106.58 6.71 -12.78	95.80 6.72 -1.82	82.73 5.70 -1.12	76.72 5.36 0.01	89.51 4.85 -18.14	76.65 5.48 0.01	142.95 6.06 -58.20	151.86 6.98 -57.61	169.55 7.07 -75.13	145.75 6.31 -59.55	137.44 8.35 -19.17	124.47 7.56 -2.27	100.52 6.22 0.00	92.17 5.32 -11.89
ASTORIA___3 23516	108.61 6.34 -0.01	100.05 5.30 0.00	96.88 4.87 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.89 6.09 -4.21	159.34 4.73 -85.16	198.03 6.08 -103.70	159.49 7.67 -49.65	139.59 7.01 -44.95	106.76 6.88 -12.79	95.98 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.05 -18.14	76.80 5.62 0.00	143.20 6.30 -58.21	152.12 7.24 -57.62	169.83 7.34 -75.14	146.00 6.55 -59.55	137.78 8.68 -19.18	124.94 8.02 -2.28	100.42 6.13 0.00	91.79 4.95 -11.89
ASTORIA___4 23517	108.61 6.34 -0.01	100.05 5.31 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.33 4.72 -85.16	198.12 6.18 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.76 6.88 -12.79	96.07 6.98 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.12 6.22 -58.21	152.13 7.24 -57.62	169.82 7.34 -75.14	146.00 6.55 -59.55	137.79 8.68 -19.18	124.94 8.02 -2.28	100.43 6.13 0.00	91.79 4.95 -11.89
ASTORIA___5 23518	108.61 6.34 -0.01	100.05 5.30 0.00	96.88 4.87 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.89 6.09 -4.21	159.34 4.73 -85.16	198.03 6.08 -103.70	159.49 7.67 -49.65	139.59 7.01 -44.95	106.76 6.88 -12.79	95.98 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.05 -18.14	76.80 5.62 0.00	143.20 6.30 -58.21	152.12 7.24 -57.62	169.83 7.34 -75.14	146.00 6.55 -59.55	137.78 8.68 -19.18	124.94 8.02 -2.28	100.42 6.13 0.00	91.79 4.95 -11.89
AST_ENERGY_2_CC3 323677	107.98 5.72 0.00	99.57 4.83 0.00	96.51 4.51 0.00	98.27 4.32 0.00	104.88 4.99 -0.01	106.60 5.80 -4.21	159.18 4.58 -85.14	197.92 6.00 -103.67	159.16 7.36 -49.63	139.30 6.75 -44.93	106.31 6.44 -12.77	95.62 6.55 -1.81	82.56 5.54 -1.11	76.50 5.14 0.02	89.37 4.72 -18.13	76.43 5.27 0.02	142.70 5.82 -58.19	151.76 6.89 -57.60	169.46 6.99 -75.12	145.66 6.24 -59.53	137.22 8.13 -19.16	124.47 7.56 -2.27	99.95 5.66 0.01	91.12 4.27 -11.89
AST_ENERGY_2_CC4 323678	107.98 5.72 0.00	99.57 4.83 0.00	96.51 4.51 0.00	98.27 4.32 0.00	104.88 4.99 -0.01	106.60 5.80 -4.21	159.18 4.58 -85.14	197.92 6.00 -103.67	159.16 7.36 -49.63	139.30 6.75 -44.93	106.31 6.44 -12.77	95.62 6.55 -1.81	82.56 5.54 -1.11	76.50 5.14 0.02	89.37 4.72 -18.13	76.43 5.27 0.02	142.70 5.82 -58.19	151.76 6.89 -57.60	169.46 6.99 -75.12	145.66 6.24 -59.53	137.22 8.13 -19.16	124.47 7.56 -2.27	99.95 5.66 0.01	91.12 4.27 -11.89

ATHENS_STG_1 23668	106.46 4.19 -0.01	98.34 3.60 0.00	95.41 3.41 0.00	97.43 3.48 0.00	103.77 3.89 -0.01	104.45 4.35 -3.51	166.02 3.20 -93.37	205.92 3.97 -113.70	161.42 4.80 -54.44	141.29 4.38 -49.28	105.29 4.18 -14.02	93.46 4.19 -2.01	80.79 3.64 -1.24	74.80 3.43 0.00	89.61 3.19 -19.89	74.59 3.42 0.00	146.29 3.78 -63.82	154.63 4.19 -63.18	174.02 4.28 -82.39	149.11 3.91 -65.30	136.12 5.17 -21.03	121.92 5.04 -2.25	98.17 3.87 0.00	89.19 3.00 -11.24
ATHENS_STG_2 23670	106.46 4.19 -0.01	98.34 3.60 0.00	95.41 3.41 0.00	97.43 3.48 0.00	103.77 3.89 -0.01	104.45 4.35 -3.51	166.02 3.20 -93.37	205.92 3.97 -113.70	161.42 4.80 -54.44	141.29 4.38 -49.28	105.29 4.18 -14.02	93.46 4.19 -2.01	80.79 3.64 -1.24	74.80 3.43 0.00	89.61 3.19 -19.89	74.59 3.42 0.00	146.29 3.78 -63.82	154.63 4.19 -63.18	174.02 4.28 -82.39	149.11 3.91 -65.30	136.12 5.17 -21.03	121.92 5.04 -2.25	98.17 3.87 0.00	89.19 3.00 -11.24
ATHENS_STG_3 23677	106.46 4.19 -0.01	98.34 3.60 0.00	95.41 3.41 0.00	97.43 3.48 0.00	103.77 3.89 -0.01	104.45 4.35 -3.51	166.02 3.20 -93.37	205.92 3.97 -113.70	161.42 4.80 -54.44	141.29 4.38 -49.28	105.29 4.18 -14.02	93.46 4.19 -2.01	80.79 3.64 -1.24	74.80 3.43 0.00	89.61 3.19 -19.89	74.59 3.42 0.00	146.29 3.78 -63.82	154.63 4.19 -63.18	174.02 4.28 -82.39	149.11 3.91 -65.30	136.12 5.17 -21.03	121.92 5.04 -2.25	98.17 3.87 0.00	89.19 3.00 -11.24
AUBURN___LFGE 323710	101.03 -1.23 0.00	93.42 -1.33 0.00	90.72 -1.29 0.00	92.63 -1.32 0.00	98.48 -1.40 0.00	96.13 -0.58 -0.12	80.38 0.14 -10.79	105.03 -0.26 -17.05	109.61 -0.82 -8.25	94.31 -0.70 -7.38	87.80 -1.39 -2.11	86.35 -1.22 -0.31	74.81 -1.29 -0.19	70.23 -1.14 0.00	68.43 -1.06 -2.97	70.26 -0.93 -0.01	87.17 -1.10 -9.58	96.13 -0.79 -9.65	99.31 -0.70 -12.66	88.09 -0.72 -8.92	119.61 -1.43 -11.11	126.49 -1.95 -13.81	99.14 -1.98 -6.82	74.10 -1.95 -1.09
BABYLON_RES_REC 323704	110.85 8.18 -0.40	101.85 7.11 0.00	99.87 6.90 -0.96	100.52 6.57 0.00	107.47 7.59 -0.01	127.58 8.40 -22.59	160.90 6.32 -85.12	200.20 8.29 -103.66	161.41 9.60 -49.63	141.40 8.85 -44.93	107.98 8.10 -12.79	97.29 8.20 -1.83	84.92 7.06 -1.94	80.64 6.64 -2.63	95.83 6.19 -23.12	117.56 6.98 -39.40	144.43 7.56 -58.18	180.00 8.99 -83.75	189.02 9.08 -92.59	155.24 8.15 -67.19	149.57 10.88 -28.76	133.28 10.54 -8.11	109.11 8.01 -6.80	99.79 6.22 -18.61
BABYLON__69_KV_BK2 356345	112.07 9.41 -0.40	103.08 8.34 0.00	100.97 8.00 -0.96	101.84 7.89 0.00	108.67 8.79 -0.01	128.74 9.56 -22.59	161.80 7.22 -85.12	201.35 9.44 -103.66	162.63 10.83 -49.63	142.11 9.55 -44.93	109.02 9.14 -12.79	98.25 9.16 -1.83	85.75 7.89 -1.94	81.43 7.42 -2.63	96.56 6.92 -23.12	118.48 7.90 -39.40	145.30 8.42 -58.18	181.13 10.12 -83.75	190.16 10.22 -92.59	156.35 9.27 -67.19	150.99 12.31 -28.76	134.66 11.92 -8.11	110.25 9.15 -6.80	100.61 7.05 -18.61
BALL_HILL_WT_PWR 323825	94.08 -8.18 0.00	87.16 -7.58 0.00	85.38 -6.63 0.00	87.84 -6.11 0.00	92.99 -6.89 0.00	90.37 -6.38 -0.16	78.58 -4.93 -14.06	85.97 -8.03 -5.75	94.77 -9.91 -2.50	82.26 -7.89 -2.51	78.99 -8.79 -0.70	78.88 -8.46 -0.08	68.44 -7.52 -0.04	64.59 -6.78 0.00	60.90 -6.65 -1.03	64.11 -7.05 0.02	73.40 -8.50 -3.21	81.42 -8.99 -3.14	68.70 -8.82 9.83	66.23 -7.99 5.68	62.99 -12.42 34.51	54.39 -12.84 47.41	64.06 -10.47 19.77	67.14 -8.17 -0.35
BARON_WINDS___WT_PWR 323822	95.72 -6.55 0.00	88.87 -5.87 0.00	86.76 -5.24 0.00	89.25 -4.69 0.00	94.79 -5.09 0.00	93.36 -4.34 -1.11	85.27 -2.91 -18.73	86.67 -4.77 -3.19	97.03 -6.24 -1.09	83.61 -5.43 -1.42	81.45 -6.01 -0.37	81.44 -5.85 -0.03	70.68 -5.24 0.00	66.66 -4.71 0.00	62.60 -4.53 -0.60	66.45 -4.70 0.03	75.32 -5.11 -1.74	83.64 -5.23 -1.61	10.85 -5.42 71.09	19.97 -5.19 54.73	-6.00 -7.92 108.00	-6.00 -8.94 111.69	52.45 -7.63 34.21	70.53 -6.07 -1.64
BARRETT_IC_1 23704	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61
BARRETT_IC_10 23701	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61
BARRETT_IC_11 23702	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61
BARRETT_IC_12 23703	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61
BARRETT_IC_2 23705	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61
BARRETT_IC_3 23706	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61
BARRETT_IC_4 23707	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61

BARRETT_IC_5 23708	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61
BARRETT_IC_6 23709	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61
BARRETT_IC_7 23710	109.41 6.75 -0.40	100.62 5.87 0.00	98.49 5.52 -0.96	99.40 5.45 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.26 6.35 -103.66	159.26 7.46 -49.63	139.31 6.75 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.07 -1.94	79.64 5.64 -2.63	94.90 5.26 -23.12	115.99 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.10 7.16 -92.59	153.56 6.47 -67.19	147.25 8.57 -28.76	130.88 8.14 -8.11	107.32 6.22 -6.80	98.29 4.72 -18.61
BARRETT_IC_8 23711	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61
BARRETT_IC_9 23700	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61
BARRETT___1 23545	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61
BARRETT___2 23546	109.41 6.75 -0.40	100.52 5.78 0.00	98.49 5.52 -0.96	99.21 5.26 0.00	106.08 6.19 -0.01	125.94 6.76 -22.59	159.37 4.79 -85.12	198.17 6.27 -103.66	159.26 7.45 -49.63	139.48 6.92 -44.93	106.32 6.44 -12.79	95.90 6.81 -1.83	83.93 6.08 -1.94	79.64 5.64 -2.63	94.76 5.12 -23.12	115.98 5.41 -39.40	142.70 5.82 -58.18	178.08 7.07 -83.75	187.18 7.25 -92.59	153.55 6.47 -67.19	147.26 8.58 -28.76	130.76 8.02 -8.11	107.32 6.22 -6.80	98.37 4.80 -18.61
BATAVIA___115KV_TB1 55881	95.10 -7.16 0.00	88.21 -6.54 0.00	86.30 -5.70 0.00	88.22 -5.73 0.00	93.78 -6.09 0.00	92.09 -4.64 -0.13	78.21 -3.33 -12.09	88.56 -6.00 -6.32	96.99 -8.48 -3.30	84.05 -6.31 -2.73	79.92 -7.93 -0.75	79.85 -7.50 -0.10	69.21 -6.76 -0.05	65.31 -6.07 0.00	61.84 -5.79 -1.10	65.26 -5.91 0.01	74.45 -7.71 -3.47	82.55 -8.12 -3.40	76.65 -7.77 2.92	72.37 -6.95 0.57	76.26 -10.88 22.78	70.20 -11.35 33.09	70.29 -9.34 14.67	67.62 -7.72 -0.38
BAYONEEC___CTG1 323682	108.10 5.83 -0.01	99.67 4.92 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.69 5.89 -4.21	159.26 4.65 -85.15	198.02 6.08 -103.69	159.38 7.56 -49.65	139.49 6.92 -44.94	106.41 6.54 -12.79	95.72 6.63 -1.83	82.66 5.62 -1.13	76.66 5.28 0.00	89.52 4.85 -18.14	76.58 5.41 0.00	142.87 5.98 -58.20	151.86 6.98 -57.62	169.55 7.07 -75.13	145.75 6.31 -59.55	137.45 8.35 -19.18	124.72 7.80 -2.28	100.05 5.75 0.00	91.19 4.35 -11.89
BAYONEEC___CTG10 323750	108.10 5.83 -0.01	99.67 4.92 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.69 5.89 -4.21	159.26 4.65 -85.15	198.02 6.08 -103.69	159.38 7.56 -49.65	139.49 6.92 -44.94	106.41 6.54 -12.79	95.72 6.63 -1.83	82.66 5.62 -1.13	76.66 5.28 0.00	89.52 4.85 -18.14	76.58 5.41 0.00	142.87 5.98 -58.20	151.86 6.98 -57.62	169.55 7.07 -75.13	145.75 6.31 -59.55	137.45 8.35 -19.18	124.72 7.80 -2.28	100.05 5.75 0.00	91.19 4.35 -11.89
BAYONEEC___CTG2 323683	108.10 5.83 -0.01	99.67 4.92 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.69 5.89 -4.21	159.26 4.65 -85.15	198.02 6.08 -103.69	159.38 7.56 -49.65	139.49 6.92 -44.94	106.41 6.54 -12.79	95.72 6.63 -1.83	82.66 5.62 -1.13	76.66 5.28 0.00	89.52 4.85 -18.14	76.58 5.41 0.00	142.87 5.98 -58.20	151.86 6.98 -57.62	169.55 7.07 -75.13	145.75 6.31 -59.55	137.45 8.35 -19.18	124.72 7.80 -2.28	100.05 5.75 0.00	91.19 4.35 -11.89
BAYONEEC___CTG3 323684	108.10 5.83 -0.01	99.67 4.92 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.69 5.89 -4.21	159.26 4.65 -85.15	198.02 6.08 -103.69	159.38 7.56 -49.65	139.49 6.92 -44.94	106.41 6.54 -12.79	95.72 6.63 -1.83	82.66 5.62 -1.13	76.66 5.28 0.00	89.52 4.85 -18.14	76.58 5.41 0.00	142.87 5.98 -58.20	151.86 6.98 -57.62	169.55 7.07 -75.13	145.75 6.31 -59.55	137.45 8.35 -19.18	124.72 7.80 -2.28	100.05 5.75 0.00	91.19 4.35 -11.89
BAYONEEC___CTG4 323685	108.10 5.83 -0.01	99.67 4.92 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.69 5.89 -4.21	159.26 4.65 -85.15	198.02 6.08 -103.69	159.38 7.56 -49.65	139.49 6.92 -44.94	106.41 6.54 -12.79	95.72 6.63 -1.83	82.66 5.62 -1.13	76.66 5.28 0.00	89.52 4.85 -18.14	76.58 5.41 0.00	142.87 5.98 -58.20	151.86 6.98 -57.62	169.55 7.07 -75.13	145.75 6.31 -59.55	137.45 8.35 -19.18	124.72 7.80 -2.28	100.05 5.75 0.00	91.19 4.35 -11.89
BAYONEEC___CTG5 323686	108.10 5.83 -0.01	99.67 4.92 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.69 5.89 -4.21	159.26 4.65 -85.15	198.02 6.08 -103.69	159.38 7.56 -49.65	139.49 6.92 -44.94	106.41 6.54 -12.79	95.72 6.63 -1.83	82.66 5.62 -1.13	76.66 5.28 0.00	89.52 4.85 -18.14	76.58 5.41 0.00	142.87 5.98 -58.20	151.86 6.98 -57.62	169.55 7.07 -75.13	145.75 6.31 -59.55	137.45 8.35 -19.18	124.72 7.80 -2.28	100.05 5.75 0.00	91.19 4.35 -11.89
BAYONEEC___CTG6 323687	108.10 5.83 -0.01	99.67 4.92 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.69 5.89 -4.21	159.26 4.65 -85.15	198.02 6.08 -103.69	159.38 7.56 -49.65	139.49 6.92 -44.94	106.41 6.54 -12.79	95.72 6.63 -1.83	82.66 5.62 -1.13	76.66 5.28 0.00	89.52 4.85 -18.14	76.58 5.41 0.00	142.87 5.98 -58.20	151.86 6.98 -57.62	169.55 7.07 -75.13	145.75 6.31 -59.55	137.45 8.35 -19.18	124.72 7.80 -2.28	100.05 5.75 0.00	91.19 4.35 -11.89

BAYONEEC___CTG7 323688	108.10 5.83 -0.01	99.67 4.92 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.69 5.89 -4.21	159.26 4.65 -85.15	198.02 6.08 -103.69	159.38 7.56 -49.65	139.49 6.92 -44.94	106.41 6.54 -12.79	95.72 6.63 -1.83	82.66 5.62 -1.13	76.66 5.28 0.00	89.52 4.85 -18.14	76.58 5.41 0.00	142.87 5.98 -58.20	151.86 6.98 -57.62	169.55 7.07 -75.13	145.75 6.31 -59.55	137.45 8.35 -19.18	124.72 7.80 -2.28	100.05 5.75 0.00	91.19 4.35 -11.89
BAYONEEC___CTG8 323689	108.10 5.83 -0.01	99.67 4.92 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.69 5.89 -4.21	159.26 4.65 -85.15	198.02 6.08 -103.69	159.38 7.56 -49.65	139.49 6.92 -44.94	106.41 6.54 -12.79	95.72 6.63 -1.83	82.66 5.62 -1.13	76.66 5.28 0.00	89.52 4.85 -18.14	76.58 5.41 0.00	142.87 5.98 -58.20	151.86 6.98 -57.62	169.55 7.07 -75.13	145.75 6.31 -59.55	137.45 8.35 -19.18	124.72 7.80 -2.28	100.05 5.75 0.00	91.19 4.35 -11.89
BAYONEEC___CTG9 323749	108.10 5.83 -0.01	99.67 4.92 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.69 5.89 -4.21	159.26 4.65 -85.15	198.02 6.08 -103.69	159.38 7.56 -49.65	139.49 6.92 -44.94	106.41 6.54 -12.79	95.72 6.63 -1.83	82.66 5.62 -1.13	76.66 5.28 0.00	89.52 4.85 -18.14	76.58 5.41 0.00	142.87 5.98 -58.20	151.86 6.98 -57.62	169.55 7.07 -75.13	145.75 6.31 -59.55	137.45 8.35 -19.18	124.72 7.80 -2.28	100.05 5.75 0.00	91.19 4.35 -11.89
BEACON___LESR 323632	107.41 5.11 -0.04	99.29 4.55 0.00	96.33 4.33 0.00	98.46 4.51 0.00	104.81 4.89 -0.04	118.95 4.83 -17.53	176.56 3.27 -103.84	218.67 3.97 -126.45	167.62 4.90 -60.54	146.47 4.03 -54.81	107.13 4.44 -15.60	94.03 4.53 -2.23	81.08 3.79 -1.37	74.94 3.57 0.00	91.97 3.32 -22.12	74.52 3.35 0.00	152.98 3.30 -70.98	161.19 3.66 -70.27	182.56 3.58 -91.63	155.71 3.20 -72.62	137.82 4.51 -23.39	124.85 4.59 -5.62	98.44 4.14 0.00	113.27 3.67 -34.65
BEAVER RIVER___HYD 24048	103.49 1.23 0.00	95.97 1.23 0.00	93.11 1.11 0.00	94.98 1.04 0.00	101.68 1.80 0.00	98.46 1.83 -0.03	74.36 1.80 -3.10	94.66 2.64 -3.77	106.84 2.86 -1.81	91.01 1.75 -1.64	89.30 1.74 -0.47	88.64 1.31 -0.07	76.94 0.98 -0.04	72.30 0.93 0.00	68.11 0.93 -0.66	72.31 1.14 0.00	81.91 1.10 -2.12	91.10 1.74 -2.10	92.00 1.92 -2.73	83.42 1.36 -2.17	112.04 1.43 -0.70	115.66 1.03 0.00	95.05 0.75 0.00	75.94 0.75 -0.24
BEEBEE_GT_13 23619	96.64 -5.62 0.00	89.53 -5.21 0.00	87.31 -4.69 0.00	89.25 -4.70 0.00	94.78 -5.09 0.00	93.23 -3.48 -0.12	77.59 -2.22 -10.35	90.35 -4.32 -6.43	98.83 -6.33 -2.99	85.78 -4.64 -2.80	81.95 -5.92 -0.78	81.96 -5.41 -0.10	70.96 -5.01 -0.06	66.95 -4.43 0.00	63.47 -4.19 -1.14	66.83 -4.34 0.01	76.30 -5.98 -3.58	84.33 -6.46 -3.52	85.60 -6.20 -4.45	79.36 -5.59 -5.06	89.78 -8.68 11.46	84.08 -9.17 21.38	75.76 -7.73 10.80	69.06 -6.30 -0.40
BENSHRST_27_KV_BENSHRST_1 355998	111.43 7.06 -2.11	107.28 5.87 -6.66	107.14 5.43 -9.71	107.26 5.35 -7.95	107.11 5.99 -1.24	107.47 6.66 -4.21	199.77 5.21 -125.11	279.83 6.79 -184.79	234.51 8.48 -123.86	223.72 7.71 -128.38	147.78 7.58 -53.12	132.17 7.68 -37.23	111.80 6.53 -29.36	106.46 6.07 -29.02	120.39 5.59 -48.28	114.20 6.26 -36.76	182.48 6.93 -96.86	217.59 8.12 -122.22	254.49 8.30 -158.84	208.96 7.43 -121.64	180.06 9.78 -60.35	159.97 9.06 -36.28	128.57 6.88 -27.39	93.50 5.40 -13.15
BETHLEHEM___GRP 23843	105.78 3.48 -0.04	97.87 3.13 0.00	94.95 2.94 0.00	96.95 3.01 0.00	103.21 3.30 -0.04	117.14 3.09 -17.46	175.32 1.94 -103.92	217.08 2.29 -126.54	165.72 2.96 -60.59	145.11 2.63 -54.85	105.75 3.05 -15.61	92.72 3.23 -2.23	80.02 2.73 -1.38	73.95 2.57 0.00	90.99 2.33 -22.14	73.38 2.21 0.00	151.53 1.81 -71.03	159.32 1.75 -70.32	180.79 1.75 -91.69	154.09 1.52 -72.68	135.64 2.31 -23.41	122.65 2.41 -5.61	96.84 2.55 0.00	111.89 2.40 -34.54
BETHLEHEM___GS1 323560	105.78 3.48 -0.04	97.87 3.12 0.00	94.95 2.94 0.00	96.95 3.01 0.00	103.21 3.29 -0.04	117.14 3.09 -17.46	175.31 1.94 -103.92	217.08 2.29 -126.54	165.73 2.96 -60.59	145.02 2.54 -54.85	105.74 3.05 -15.61	92.63 3.14 -2.23	80.02 2.73 -1.38	73.94 2.57 0.00	90.99 2.33 -22.14	73.39 2.21 0.00	151.54 1.81 -71.03	159.32 1.74 -70.32	180.79 1.75 -91.69	154.17 1.60 -72.68	135.64 2.31 -23.41	122.65 2.41 -5.61	96.84 2.55 0.00	111.96 2.47 -34.54
BETHLEHEM___GS2 323561	105.78 3.48 -0.04	97.87 3.12 0.00	94.95 2.94 0.00	96.95 3.01 0.00	103.21 3.29 -0.04	117.14 3.09 -17.46	175.31 1.94 -103.92	217.08 2.29 -126.54	165.73 2.96 -60.59	145.02 2.54 -54.85	105.74 3.05 -15.61	92.63 3.14 -2.23	80.02 2.73 -1.38	73.94 2.57 0.00	90.99 2.33 -22.14	73.39 2.21 0.00	151.54 1.81 -71.03	159.32 1.74 -70.32	180.79 1.75 -91.69	154.17 1.60 -72.68	135.64 2.31 -23.41	122.65 2.41 -5.61	96.84 2.55 0.00	111.96 2.47 -34.54
BETHLEHEM___GS3 323562	105.78 3.48 -0.04	97.87 3.12 0.00	94.95 2.94 0.00	96.95 3.01 0.00	103.21 3.29 -0.04	117.14 3.09 -17.46	175.31 1.94 -103.92	217.08 2.29 -126.54	165.73 2.96 -60.59	145.02 2.54 -54.85	105.74 3.05 -15.61	92.63 3.14 -2.23	80.02 2.73 -1.38	73.94 2.57 0.00	90.99 2.33 -22.14	73.39 2.21 0.00	151.54 1.81 -71.03	159.32 1.74 -70.32	180.79 1.75 -91.69	154.17 1.60 -72.68	135.64 2.31 -23.41	122.65 2.41 -5.61	96.84 2.55 0.00	111.96 2.47 -34.54
BETHLEHEM___STEEL 23779	93.67 -8.59 0.00	86.79 -7.96 0.00	85.01 -6.99 0.00	86.90 -7.05 0.00	92.49 -7.39 0.00	89.89 -6.86 -0.16	78.15 -5.35 -14.04	85.55 -8.56 -5.87	94.41 -10.32 -2.56	81.78 -8.41 -2.56	78.57 -9.23 -0.71	78.45 -8.90 -0.09	68.14 -7.82 -0.05	64.24 -7.14 0.00	60.66 -6.92 -1.05	63.97 -7.19 0.02	73.08 -8.89 -3.28	81.13 -9.34 -3.21	69.45 -9.08 8.82	66.88 -8.15 4.87	64.02 -12.53 33.37	55.44 -12.95 46.24	64.34 -10.47 19.49	66.92 -8.40 -0.36
BETHLHEM_115KV_TB1 79974	105.78 3.48 -0.04	97.87 3.13 0.00	94.95 2.94 0.00	96.95 3.01 0.00	103.21 3.30 -0.04	116.37 3.19 -16.59	175.37 2.08 -103.83	217.15 2.47 -126.44	165.88 3.17 -60.54	145.15 2.72 -54.81	105.82 3.14 -15.60	92.72 3.23 -2.23	80.02 2.73 -1.37	74.02 2.64 0.00	91.04 2.39 -22.12	73.45 2.28 0.00	151.63 1.97 -70.97	159.53 2.01 -70.26	180.97 2.01 -91.62	154.27 1.76 -72.61	135.95 2.64 -23.39	122.68 2.64 -5.41	96.94 2.64 0.00	110.48 2.40 -33.12
BETHPAGE_CC_5 323564	109.92 7.26 -0.40	101.09 6.35 0.00	99.04 6.07 -0.96	99.68 5.73 0.00	106.58 6.69 -0.01	126.62 7.44 -22.59	160.20 5.62 -85.12	199.32 7.41 -103.66	160.48 8.68 -49.63	140.61 8.06 -44.93	107.27 7.40 -12.79	96.60 7.51 -1.83	84.38 6.53 -1.94	80.14 6.14 -2.63	95.29 5.65 -23.12	116.84 6.27 -39.40	143.72 6.84 -58.18	179.13 8.12 -83.75	188.24 8.30 -92.59	154.52 7.43 -67.19	148.58 9.90 -28.76	132.14 9.40 -8.11	108.26 7.16 -6.80	99.04 5.47 -18.61
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	93.98 -8.28 0.00	87.07 -7.67 0.00	85.29 -6.72 0.00	87.18 -6.76 0.00	92.89 -6.99 0.00	89.99 -6.76 -0.16	78.28 -5.42 -14.24	85.74 -8.38 -5.88	94.93 -9.81 -2.56	81.96 -8.24 -2.57	79.01 -8.80 -0.71	78.80 -8.55 -0.09	68.44 -7.52 -0.05	64.52 -6.85 0.00	60.92 -6.65 -1.05	64.25 -6.90 0.02	73.64 -8.34 -3.28	81.84 -8.64 -3.22	70.92 -8.39 8.05	68.14 -7.59 4.17	65.02 -11.76 33.13	55.93 -12.15 46.56	64.50 -9.90 19.90	67.37 -7.95 -0.36

BINGHAMTON___COGEN 23790	101.34 -0.92 0.00	93.70 -1.04 0.00	91.08 -0.92 0.00	93.10 -0.85 0.00	99.08 -0.80 0.00	97.96 -0.39 -1.75	96.76 -0.07 -27.37	116.00 -0.53 -28.29	114.99 -0.61 -13.43	99.28 -0.61 -12.27	89.61 -0.96 -3.48	86.79 -0.96 -0.49	75.23 -0.99 -0.30	70.52 -0.86 0.00	70.68 -0.80 -4.96	70.46 -0.71 0.01	93.85 -0.71 -15.86	103.53 -0.44 -16.70	108.67 -0.44 -21.76	96.90 -0.40 -17.41	103.86 -1.10 4.96	96.57 -1.49 16.58	83.99 -1.51 8.80	77.75 -1.35 -4.15
BIXINCNT_115KV_LOAD 355685	94.28 -7.98 0.00	87.07 -7.67 0.00	85.19 -6.81 0.00	87.47 -6.48 0.00	93.88 -5.99 0.00	89.81 -6.95 -0.17	79.19 -5.42 -15.15	86.21 -7.77 -5.73	96.46 -8.17 -2.46	82.42 -7.71 -2.51	80.12 -7.66 -0.69	79.58 -7.77 -0.08	69.50 -6.45 -0.04	65.17 -6.21 0.00	61.70 -5.85 -1.03	64.96 -6.19 0.02	74.41 -7.48 -3.19	83.23 -7.16 -3.12	75.37 -7.86 4.12	71.75 -7.59 0.56	66.32 -11.65 31.95	53.88 -12.38 48.38	61.82 -10.37 22.10	67.06 -8.25 -0.35
BLACK RIVER___HYD 24047	104.71 2.45 0.00	97.01 2.27 0.00	94.02 2.02 0.00	95.92 1.98 0.00	102.57 2.70 0.00	99.64 3.00 -0.05	76.63 2.85 -4.32	97.49 3.97 -5.27	108.98 4.29 -2.52	92.63 2.72 -2.28	90.27 2.53 -0.65	89.36 2.01 -0.09	77.34 1.37 -0.06	72.80 1.43 0.00	68.91 1.46 -0.92	73.10 1.92 0.00	83.85 2.20 -2.96	93.42 3.23 -2.93	94.66 3.50 -3.82	85.71 2.79 -3.02	114.08 3.19 -0.97	117.05 2.41 0.00	95.90 1.60 0.00	76.49 1.20 -0.33
BLACKRVR_115KV_TB2 79977	104.72 2.45 0.00	97.02 2.27 0.00	94.03 2.02 0.00	95.92 1.97 0.00	102.57 2.70 0.00	99.63 2.99 -0.05	76.63 2.85 -4.32	97.48 3.97 -5.27	108.99 4.29 -2.52	92.63 2.72 -2.28	90.26 2.53 -0.65	89.36 2.01 -0.09	77.34 1.37 -0.06	72.80 1.43 0.00	68.91 1.46 -0.92	73.10 1.92 0.00	83.85 2.20 -2.96	93.42 3.23 -2.93	94.66 3.49 -3.82	85.71 2.80 -3.02	114.08 3.19 -0.97	117.04 2.41 0.00	95.90 1.60 0.00	76.49 1.20 -0.33
BLISS_WT_PWR 323608	93.98 -8.28 0.00	86.69 -8.05 0.00	84.83 -7.18 0.00	87.56 -6.39 0.00	93.78 -6.10 0.00	89.51 -7.25 -0.17	79.05 -5.56 -15.15	85.86 -8.12 -5.73	95.85 -8.79 -2.46	82.25 -7.89 -2.51	79.94 -7.84 -0.69	79.40 -7.94 -0.08	69.20 -6.76 -0.04	65.02 -6.35 0.00	61.37 -6.18 -1.03	64.46 -6.69 0.02	74.18 -7.71 -3.19	83.05 -7.33 -3.12	74.93 -8.30 4.12	71.27 -8.07 0.56	65.55 -12.42 31.95	52.96 -13.30 48.38	60.97 -11.22 22.10	66.61 -8.69 -0.35
BLUESTONE___WT_PWR 323821	107.08 4.81 -0.01	99.11 4.36 0.00	96.24 4.23 0.00	98.55 4.60 0.00	105.17 5.29 -0.01	105.52 5.89 -3.04	104.08 5.00 -29.62	136.48 6.36 -41.87	129.80 7.45 -20.18	111.29 5.52 -18.14	97.22 4.96 -5.17	92.72 4.71 -0.75	79.95 3.57 -0.46	74.80 3.43 0.00	77.09 3.26 -7.31	75.46 4.27 -0.01	107.49 5.27 -23.52	117.92 6.63 -24.03	125.58 6.73 -31.50	108.10 5.44 -22.77	135.92 6.37 -19.63	141.45 5.50 -21.31	108.30 3.87 -10.13	84.80 2.77 -7.07
BLUE_CIRC_CHEM_DRP 24182	106.28 3.99 -0.03	98.44 3.70 0.00	95.59 3.59 0.00	97.52 3.57 0.00	103.70 3.80 -0.03	113.30 3.77 -12.94	174.37 2.57 -102.35	215.88 3.00 -124.63	165.42 3.58 -59.67	144.54 2.89 -54.02	105.51 3.05 -15.37	92.60 3.14 -2.20	79.93 2.66 -1.35	73.95 2.57 0.00	90.72 2.39 -21.81	73.74 2.56 0.00	151.25 2.60 -69.96	159.31 2.79 -69.25	180.45 2.80 -90.31	154.03 2.56 -71.58	136.60 3.63 -23.05	122.85 3.67 -4.55	97.69 3.39 0.00	104.83 2.77 -27.10
BOC_GAS_DRP 24189	105.56 3.27 -0.03	97.59 2.84 0.00	94.67 2.67 0.00	96.67 2.72 0.00	102.90 3.00 -0.03	111.56 3.19 -11.78	175.03 2.22 -103.35	216.74 2.65 -125.85	165.80 3.37 -60.26	145.16 2.98 -54.55	105.66 3.05 -15.52	92.62 3.14 -2.22	79.94 2.66 -1.37	73.95 2.57 0.00	90.87 2.33 -22.02	73.60 2.42 0.00	151.78 2.44 -70.64	159.81 2.62 -69.93	181.16 2.62 -91.19	154.57 2.40 -72.28	136.39 3.19 -23.28	122.14 3.21 -4.29	97.03 2.73 0.00	102.47 2.25 -25.27
BOONVILLE_115KV_TB1 79983	104.92 2.66 0.00	97.21 2.46 0.00	94.30 2.30 0.00	96.20 2.25 0.00	102.87 3.00 0.00	99.90 3.28 -0.03	74.82 2.71 -2.65	95.00 3.53 -3.23	107.70 3.98 -1.55	91.92 2.89 -1.40	90.27 2.79 -0.40	89.85 2.53 -0.06	77.85 1.90 -0.04	73.16 1.78 0.00	68.82 1.73 -0.56	73.24 2.06 0.00	82.71 2.20 -1.81	91.94 2.88 -1.79	92.66 2.97 -2.34	84.22 2.48 -1.85	113.49 2.97 -0.60	117.27 2.64 0.00	96.28 1.98 0.00	76.66 1.50 -0.21
BORALEX_4TH_BRANCH 23824	109.38 7.06 -0.06	101.00 6.25 0.00	97.89 5.89 0.00	99.96 6.01 0.00	106.63 6.69 -0.06	129.49 7.05 -25.85	178.22 5.21 -103.56	220.62 6.27 -126.10	170.32 7.77 -60.38	148.95 6.66 -54.66	109.09 6.44 -15.55	95.94 6.46 -2.22	82.83 5.54 -1.37	76.52 5.14 0.00	93.38 4.79 -22.06	76.44 5.27 0.00	155.22 5.74 -70.78	163.97 6.63 -70.07	185.36 6.64 -91.38	158.47 6.15 -72.42	141.38 8.13 -23.33	130.54 8.37 -7.54	100.90 6.60 0.00	128.20 5.10 -48.15
BOWLINE___1 23526	107.48 5.21 -0.01	99.11 4.36 0.00	96.15 4.14 0.00	97.98 4.04 0.00	104.58 4.70 -0.01	105.97 5.31 -4.07	156.20 4.17 -82.58	194.10 5.29 -100.56	156.55 6.23 -48.15	136.91 5.69 -43.59	104.81 5.31 -12.40	94.45 5.41 -1.77	81.56 4.55 -1.09	75.66 4.28 0.00	88.04 3.92 -17.59	75.59 4.41 0.00	140.02 4.88 -56.44	148.90 5.76 -55.88	166.07 5.85 -72.86	142.92 5.27 -57.75	135.45 6.93 -18.60	123.26 6.42 -2.21	99.10 4.81 0.00	90.14 3.67 -11.51
BOWLINE___2 23595	107.58 5.31 -0.01	99.29 4.55 0.00	96.24 4.23 0.00	98.18 4.23 0.00	104.68 4.79 -0.01	106.16 5.50 -4.07	156.28 4.24 -82.59	194.20 5.38 -100.57	156.56 6.23 -48.15	136.91 5.69 -43.59	104.81 5.31 -12.40	94.45 5.41 -1.77	81.56 4.55 -1.09	75.66 4.28 0.00	88.04 3.92 -17.60	75.59 4.41 0.00	140.02 4.88 -56.45	148.90 5.76 -55.88	166.07 5.85 -72.87	142.92 5.27 -57.76	135.45 6.93 -18.60	123.26 6.42 -2.21	99.10 4.81 0.00	90.14 3.67 -11.51
BRADY___115KV_TB2 356060	103.28 1.02 0.00	96.07 1.33 0.00	93.57 1.56 0.00	95.17 1.22 0.00	100.98 1.10 0.00	96.59 0.00 0.00	69.46 0.00 0.00	88.77 0.53 0.00	102.58 0.41 0.00	87.63 0.00 0.00	87.70 0.61 0.00	87.52 0.26 0.00	76.44 0.53 0.00	71.73 0.36 0.00	66.99 0.47 0.00	71.46 0.28 0.00	79.48 0.79 0.00	87.96 0.70 0.00	87.87 0.52 0.00	80.29 0.40 0.00	110.47 0.55 0.00	115.67 1.03 0.00	95.81 1.51 0.00	76.98 2.02 0.00
BRANSCOMB___SOLAR 323811	109.61 7.26 -0.09	101.19 6.45 0.00	98.17 6.16 0.00	100.34 6.39 0.00	106.95 6.99 -0.09	138.11 7.15 -34.37	180.99 4.79 -106.75	224.06 5.82 -129.99	171.37 6.95 -62.24	149.32 5.35 -56.35	108.17 5.05 -16.03	94.44 4.88 -2.29	81.35 4.02 -1.41	75.23 3.85 0.00	92.99 3.72 -22.74	75.45 4.27 0.00	156.85 5.19 -72.97	165.60 6.11 -72.23	187.65 6.11 -94.19	160.06 5.51 -74.66	141.33 7.37 -24.05	132.65 8.48 -9.54	100.99 6.70 0.00	142.25 5.10 -62.19
BRENTWOD_69_KV_W. BRTWOOD 56703	111.76 9.10 -0.40	102.80 8.05 0.00	100.70 7.73 -0.96	101.65 7.70 0.00	108.47 8.59 -0.01	128.45 9.27 -22.59	161.39 6.81 -85.12	200.82 8.91 -103.66	162.12 10.32 -49.63	141.76 9.20 -44.93	108.76 8.88 -12.79	97.99 8.90 -1.83	85.60 7.74 -1.94	81.28 7.28 -2.63	96.29 6.65 -23.12	118.26 7.69 -39.40	144.98 8.11 -58.18	180.52 9.51 -83.75	189.55 9.61 -92.59	155.79 8.71 -67.19	150.22 11.54 -28.76	134.09 11.35 -8.11	109.87 8.77 -6.80	100.39 6.82 -18.61

BRISTLHL_115KV_TB1 79998	99.50 -2.76 0.00	92.00 -2.75 0.00	89.34 -2.67 0.00	91.22 -2.72 0.00	96.98 -2.90 0.00	94.35 -2.32 -0.08	75.02 -1.18 -6.75	94.52 -1.94 -8.22	103.55 -2.55 -3.93	89.09 -2.10 -3.56	85.49 -2.61 -1.01	84.88 -2.53 -0.15	73.65 -2.35 -0.09	69.24 -2.14 0.00	66.03 -1.93 -1.44	69.18 -1.99 0.00	80.95 -2.36 -4.61	89.47 -2.36 -4.57	91.03 -2.27 -5.95	82.46 -2.16 -4.72	108.25 -3.19 -1.52	110.97 -3.67 0.00	91.00 -3.30 0.00	72.63 -2.85 -0.52
BROOKHAVEN___DRP 24191	111.56 8.90 -0.40	102.61 7.86 0.00	100.51 7.54 -0.96	101.37 7.42 0.00	108.18 8.29 -0.01	128.26 9.08 -22.59	161.46 6.88 -85.12	200.99 9.09 -103.66	162.12 10.32 -49.63	141.58 9.03 -44.93	108.24 8.36 -12.79	97.47 8.38 -1.83	84.99 7.14 -1.94	80.71 6.71 -2.63	95.89 6.25 -23.12	117.91 7.33 -39.40	144.51 7.63 -58.18	180.26 9.25 -83.75	189.20 9.26 -92.59	155.63 8.55 -67.19	149.67 10.99 -28.76	133.29 10.55 -8.11	109.40 8.30 -6.80	100.09 6.52 -18.61
BROOKLYN_NAVY_YARD 23515	107.99 5.72 -0.01	99.57 4.83 0.00	96.51 4.51 0.00	98.27 4.32 0.00	104.88 4.99 -0.01	106.60 5.80 -4.21	159.26 4.65 -85.15	198.02 6.08 -103.69	159.38 7.56 -49.65	139.49 6.92 -44.94	106.49 6.62 -12.79	95.72 6.63 -1.83	82.66 5.62 -1.13	76.66 5.28 0.00	89.52 4.85 -18.14	76.58 5.41 0.00	142.87 5.98 -58.20	151.94 7.07 -57.62	169.65 7.16 -75.13	145.84 6.39 -59.55	137.57 8.46 -19.18	124.72 7.80 -2.28	100.05 5.75 0.00	91.19 4.35 -11.89
BROOKLYN___ARMY_DRP 323595	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
BROOKVLE_69_KV_TB1 55790	110.54 7.87 -0.40	101.57 6.82 0.00	99.50 6.53 -0.96	100.43 6.48 0.00	107.08 7.19 -0.01	127.10 7.92 -22.59	160.62 6.04 -85.12	199.85 7.94 -103.66	161.10 9.30 -49.63	140.88 8.32 -44.93	107.80 7.93 -12.79	97.12 8.03 -1.83	84.76 6.91 -1.94	80.50 6.50 -2.63	95.63 5.99 -23.12	117.20 6.62 -39.40	144.12 7.24 -58.18	179.65 8.64 -83.75	188.85 8.91 -92.59	154.99 7.91 -67.19	149.23 10.55 -28.76	132.83 10.09 -8.11	108.74 7.64 -6.80	99.42 5.85 -18.61
BROOME_2_LFGE 323671	101.34 -0.92 0.00	93.70 -1.04 0.00	91.08 -0.92 0.00	93.19 -0.75 0.00	99.08 -0.80 0.00	97.96 -0.38 -1.75	96.76 -0.07 -27.37	116.01 -0.53 -28.29	114.89 -0.71 -13.43	99.29 -0.61 -12.27	89.62 -0.96 -3.48	86.80 -0.96 -0.49	75.22 -0.99 -0.30	70.52 -0.85 0.00	70.62 -0.87 -4.96	70.39 -0.78 0.01	93.85 -0.71 -15.86	103.53 -0.43 -16.70	108.76 -0.35 -21.76	96.90 -0.40 -17.41	103.86 -1.10 4.96	96.56 -1.49 16.58	83.98 -1.51 8.80	77.83 -1.27 -4.15
BROOME___LFGE 323600	101.34 -0.92 0.00	93.70 -1.04 0.00	91.08 -0.92 0.00	93.19 -0.75 0.00	99.08 -0.80 0.00	97.96 -0.38 -1.75	96.76 -0.07 -27.37	116.01 -0.53 -28.29	114.89 -0.71 -13.43	99.29 -0.61 -12.27	89.62 -0.96 -3.48	86.80 -0.96 -0.49	75.22 -0.99 -0.30	70.52 -0.85 0.00	70.62 -0.87 -4.96	70.39 -0.78 0.01	93.85 -0.71 -15.86	103.53 -0.43 -16.70	108.76 -0.35 -21.76	96.90 -0.40 -17.41	103.86 -1.10 4.96	96.56 -1.49 16.58	83.98 -1.51 8.80	77.83 -1.27 -4.15
BROWNFLS_115KV_TB_3_5 80003	102.57 0.31 0.00	95.31 0.57 0.00	92.56 0.55 0.00	94.32 0.38 0.00	100.48 0.60 0.00	96.62 0.00 -0.02	71.98 0.35 -2.17	91.77 0.88 -2.65	104.26 0.82 -1.27	89.12 0.35 -1.15	88.03 0.61 -0.33	87.57 0.26 -0.05	76.17 0.23 -0.03	71.52 0.14 0.00	67.25 0.27 -0.46	71.25 0.07 0.00	80.26 0.08 -1.49	89.08 0.35 -1.47	89.62 0.35 -1.92	81.49 0.08 -1.52	110.19 -0.22 -0.49	114.41 -0.23 0.00	94.58 0.28 0.00	75.95 0.82 -0.17
BROWNSV1_27_KV_LOAD 356125	109.02 6.75 -0.01	100.52 5.78 0.00	97.43 5.43 0.00	99.30 5.35 0.00	105.88 5.99 -0.01	107.56 6.76 -4.21	159.95 5.35 -85.15	198.91 6.97 -103.69	160.40 8.58 -49.65	140.37 7.80 -44.94	107.37 7.49 -12.79	96.60 7.50 -1.83	83.42 6.38 -1.13	77.37 6.00 0.00	90.19 5.52 -18.14	77.30 6.12 0.00	143.66 6.77 -58.20	152.73 7.85 -57.62	170.52 8.04 -75.13	146.63 7.19 -59.55	138.66 9.56 -19.18	125.86 8.94 -2.28	100.99 6.70 0.00	91.94 5.10 -11.89
BURROWS___LYONSDAL 23803	104.51 2.25 0.00	96.83 2.08 0.00	93.94 1.93 0.00	95.83 1.88 0.00	102.67 2.80 0.00	99.52 2.90 -0.03	74.70 2.50 -2.74	94.93 3.35 -3.34	107.55 3.78 -1.60	91.70 2.63 -1.45	90.03 2.53 -0.41	89.59 2.27 -0.06	77.62 1.67 -0.04	73.02 1.64 0.00	68.64 1.53 -0.58	73.03 1.85 0.00	82.46 1.89 -1.87	91.65 2.53 -1.85	92.47 2.71 -2.42	83.97 2.16 -1.92	113.07 2.53 -0.62	116.81 2.18 0.00	95.90 1.60 0.00	76.44 1.27 -0.21
CAITHNESS_CC_1 323624	111.25 8.59 -0.40	102.23 7.48 0.00	100.33 7.36 -0.96	100.80 6.85 0.00	107.88 7.99 -0.01	127.97 8.79 -22.59	161.25 6.67 -85.12	200.64 8.74 -103.66	161.82 10.02 -49.63	141.76 9.20 -44.93	108.06 8.18 -12.79	97.29 8.20 -1.83	84.92 7.06 -1.94	80.64 6.64 -2.63	95.89 6.25 -23.12	117.76 7.19 -39.40	144.43 7.56 -58.18	180.08 9.07 -83.75	188.94 9.00 -92.59	155.39 8.31 -67.19	149.46 10.78 -28.76	133.17 10.43 -8.11	109.30 8.20 -6.80	99.94 6.37 -18.61
CALPINE BETH_PAGE_GT4 24209	110.03 7.36 -0.40	101.09 6.35 0.00	99.04 6.07 -0.96	99.96 6.01 0.00	106.58 6.69 -0.01	126.62 7.44 -22.59	160.20 5.63 -85.12	199.32 7.41 -103.66	160.49 8.68 -49.63	140.36 7.80 -44.93	107.28 7.40 -12.79	96.68 7.59 -1.83	84.38 6.53 -1.94	80.14 6.14 -2.63	95.30 5.65 -23.12	116.91 6.33 -39.40	143.73 6.85 -58.18	179.13 8.12 -83.75	188.24 8.30 -92.59	154.52 7.43 -67.19	148.57 9.89 -28.76	132.26 9.51 -8.11	108.27 7.17 -6.80	99.04 5.47 -18.61
CALPINE_BETH_PAGE_GT_4 323586	110.03 7.37 -0.40	101.09 6.35 0.00	99.04 6.07 -0.96	99.68 5.73 0.00	106.58 6.69 -0.01	126.62 7.44 -22.59	160.20 5.62 -85.12	199.32 7.41 -103.66	160.48 8.68 -49.63	140.61 8.06 -44.93	107.27 7.40 -12.79	96.68 7.59 -1.83	84.38 6.53 -1.94	80.14 6.14 -2.63	95.29 5.65 -23.12	116.84 6.27 -39.40	143.72 6.84 -58.18	179.21 8.20 -83.75	188.32 8.39 -92.59	154.52 7.43 -67.19	148.68 10.00 -28.76	132.25 9.51 -8.11	108.26 7.16 -6.80	99.12 5.55 -18.61
CALPINE_BP_GT1 23823	110.03 7.37 -0.40	101.09 6.35 0.00	99.04 6.07 -0.96	99.68 5.73 0.00	106.58 6.69 -0.01	126.62 7.44 -22.59	160.20 5.62 -85.12	199.32 7.41 -103.66	160.48 8.68 -49.63	140.61 8.06 -44.93	107.27 7.40 -12.79	96.68 7.59 -1.83	84.38 6.53 -1.94	80.14 6.14 -2.63	95.29 5.65 -23.12	116.84 6.27 -39.40	143.72 6.84 -58.18	179.21 8.20 -83.75	188.32 8.39 -92.59	154.52 7.43 -67.19	148.68 10.00 -28.76	132.25 9.51 -8.11	108.26 7.16 -6.80	99.12 5.55 -18.61
CALSPAN___DRP 24200	93.67 -8.59 0.00	86.79 -7.96 0.00	85.01 -6.99 0.00	86.90 -7.05 0.00	92.49 -7.39 0.00	89.89 -6.86 -0.16	78.15 -5.35 -14.04	85.55 -8.56 -5.87	94.41 -10.32 -2.56	81.78 -8.41 -2.56	78.57 -9.23 -0.71	78.45 -8.90 -0.09	68.14 -7.82 -0.05	64.24 -7.14 0.00	60.66 -6.92 -1.05	63.97 -7.19 0.02	73.08 -8.89 -3.28	81.13 -9.34 -3.21	69.45 -9.08 8.82	66.88 -8.15 4.87	64.02 -12.53 33.37	55.44 -12.95 46.24	64.34 -10.47 19.49	66.92 -8.40 -0.36

CALVERTON___SOLAR 323806	112.17 9.51 -0.40	103.08 8.34 0.00	101.07 8.10 -0.96	101.65 7.71 0.00	108.77 8.89 -0.01	128.93 9.75 -22.59	162.01 7.44 -85.12	201.70 9.79 -103.66	162.84 11.04 -49.63	142.46 9.90 -44.93	108.58 8.71 -12.79	97.73 8.64 -1.83	85.22 7.36 -1.94	80.92 6.92 -2.63	96.23 6.59 -23.12	118.20 7.62 -39.40	144.75 7.87 -58.18	180.78 9.77 -83.75	189.46 9.52 -92.59	155.95 8.87 -67.19	150.00 11.32 -28.76	133.51 10.77 -8.11	109.77 8.67 -6.80	100.39 6.82 -18.61
CANDIGU_WT_PWR 323617	95.72 -6.55 0.00	88.87 -5.87 0.00	86.76 -5.24 0.00	89.25 -4.69 0.00	94.79 -5.09 0.00	93.36 -4.34 -1.11	85.27 -2.91 -18.73	86.67 -4.77 -3.19	97.03 -6.24 -1.09	83.61 -5.43 -1.42	81.45 -6.01 -0.37	81.44 -5.85 -0.03	70.68 -5.24 0.00	66.66 -4.71 0.00	62.60 -4.53 -0.60	66.45 -4.70 0.03	75.32 -5.11 -1.74	83.64 -5.23 -1.61	10.85 -5.42 71.09	19.97 -5.19 54.73	-6.00 -7.92 108.00	-6.00 -8.94 111.69	52.45 -7.63 34.21	70.53 -6.07 -1.64
CARR STREET_E_SYR 24060	99.81 -2.46 0.00	92.38 -2.36 0.00	89.61 -2.39 0.00	91.60 -2.35 0.00	97.28 -2.60 0.00	94.75 -1.93 -0.09	76.21 -0.97 -7.73	95.97 -1.68 -9.41	104.53 -2.15 -4.50	89.95 -1.75 -4.08	85.99 -2.26 -1.16	85.25 -2.18 -0.17	73.97 -2.05 -0.10	69.52 -1.86 0.00	66.51 -1.66 -1.65	69.47 -1.71 0.00	81.93 -2.05 -5.28	90.39 -2.10 -5.23	92.16 -2.01 -6.82	83.46 -1.83 -5.40	108.70 -2.96 -1.74	111.31 -3.33 0.00	91.28 -3.02 0.00	73.00 -2.55 -0.60
CARTHAGE___PAPER 23857	103.89 1.63 0.00	96.35 1.61 0.00	93.39 1.38 0.00	95.26 1.31 0.00	101.87 2.00 0.00	98.86 2.22 -0.04	75.53 2.22 -3.85	96.11 3.17 -4.69	107.89 3.48 -2.24	91.76 2.10 -2.03	89.75 2.09 -0.58	88.92 1.57 -0.08	77.03 1.06 -0.05	72.45 1.07 0.00	68.47 1.13 -0.82	72.60 1.42 0.00	82.90 1.57 -2.63	92.22 2.36 -2.61	93.36 2.62 -3.40	84.58 2.00 -2.69	112.99 2.20 -0.87	116.24 1.60 0.00	95.43 1.14 0.00	76.23 0.97 -0.30
CASSADAGA_WT_PWR 323784	96.13 -6.13 0.00	88.96 -5.78 0.00	87.22 -4.79 0.00	89.72 -4.23 0.00	95.08 -4.79 0.00	92.31 -4.44 -0.16	80.57 -3.61 -14.73	87.70 -6.09 -5.54	97.40 -7.15 -2.38	84.18 -5.87 -2.42	81.40 -6.35 -0.67	81.15 -6.19 -0.08	70.42 -5.54 -0.04	66.38 -5.00 0.00	62.33 -5.19 -1.00	65.68 -5.48 0.02	75.17 -6.61 -3.09	83.47 -6.81 -3.01	74.47 -6.99 5.89	71.32 -6.47 2.11	66.56 -10.55 32.81	55.18 -11.12 48.34	63.41 -9.34 21.55	68.09 -7.20 -0.33
CE_DUNWOOD___DRP 24194	108.20 5.93 -0.01	99.86 5.12 0.00	96.79 4.78 0.00	98.64 4.70 0.00	105.28 5.39 -0.01	106.78 5.99 -4.20	159.15 4.72 -84.97	197.80 6.09 -103.47	158.97 7.25 -49.54	139.05 6.57 -44.85	106.12 6.27 -12.76	95.46 6.37 -1.83	82.43 5.39 -1.12	76.37 5.00 0.00	89.28 4.66 -18.10	76.37 5.20 0.00	142.44 5.67 -58.08	151.39 6.63 -57.49	169.13 6.81 -74.97	145.39 6.07 -59.42	137.08 8.02 -19.14	124.59 7.68 -2.28	100.05 5.75 0.00	91.17 4.35 -11.87
CE_MILLWOOD___DRP 24193	108.10 5.83 -0.01	99.67 4.93 0.00	96.70 4.69 0.00	98.55 4.60 0.00	105.08 5.19 -0.01	106.67 5.89 -4.19	158.68 4.58 -84.64	197.23 5.91 -103.07	158.67 7.15 -49.35	138.70 6.40 -44.68	105.90 6.10 -12.71	95.28 6.20 -1.82	82.27 5.24 -1.12	76.23 4.85 0.00	89.08 4.52 -18.03	76.23 5.05 0.00	142.06 5.51 -57.85	150.99 6.46 -57.27	168.67 6.64 -74.68	145.00 5.91 -59.19	136.90 7.91 -19.07	124.36 7.45 -2.27	99.86 5.56 0.00	90.98 4.20 -11.82
CE_NYC2_DRP 24202	108.61 6.34 -0.01	100.05 5.31 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.98 6.18 -4.21	159.33 4.72 -85.16	198.21 6.27 -103.70	159.59 7.77 -49.65	139.59 7.01 -44.95	106.85 6.97 -12.79	96.07 6.98 -1.83	82.96 5.92 -1.13	76.94 5.57 0.00	89.79 5.12 -18.14	76.87 5.69 0.00	143.20 6.30 -58.21	152.21 7.33 -57.62	169.91 7.42 -75.14	146.08 6.63 -59.55	137.90 8.79 -19.18	125.06 8.14 -2.28	100.52 6.22 0.00	91.72 4.87 -11.89
CE_NYC_DRP 24195	108.41 6.14 -0.01	99.96 5.21 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.46 4.86 -85.15	198.29 6.35 -103.69	159.69 7.87 -49.65	139.67 7.10 -44.94	106.76 6.88 -12.79	95.99 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.11 6.22 -58.20	152.12 7.24 -57.62	169.82 7.34 -75.13	145.99 6.55 -59.55	137.78 8.68 -19.18	124.94 8.02 -2.28	100.33 6.04 0.00	91.34 4.50 -11.89
CHAFFEE___LFGE 323603	94.18 -8.08 0.00	87.26 -7.49 0.00	85.47 -6.53 0.00	87.84 -6.11 0.00	92.99 -6.89 0.00	90.18 -6.57 -0.16	78.84 -5.21 -14.59	85.74 -8.30 -5.79	94.67 -10.01 -2.51	82.10 -8.06 -2.53	79.08 -8.71 -0.70	78.88 -8.46 -0.08	68.44 -7.52 -0.04	64.59 -6.78 0.00	60.85 -6.72 -1.04	64.11 -7.05 0.02	73.66 -8.26 -3.23	81.96 -8.46 -3.16	72.68 -8.21 6.45	69.85 -7.35 2.70	65.72 -11.54 32.66	55.39 -11.92 47.32	63.77 -9.71 20.81	67.74 -7.57 -0.35
CHATEAUG_35_KV_LOAD 355732	100.63 -1.64 0.00	93.51 -1.23 0.00	90.99 -1.01 0.00	92.63 -1.32 0.00	98.38 -1.50 0.00	94.56 -2.03 0.00	68.14 -1.32 0.00	87.01 -1.24 0.00	100.44 -1.74 0.00	86.05 -1.58 0.00	86.22 -0.87 0.00	86.30 -0.96 0.00	75.46 -0.46 0.00	70.81 -0.57 0.00	66.19 -0.33 0.00	70.68 -0.50 0.00	78.85 0.16 0.00	87.09 -0.17 0.00	86.91 -0.44 0.00	79.41 -0.48 0.00	109.26 -0.66 0.00	114.29 -0.34 0.00	94.58 0.28 0.00	76.08 1.12 0.00
CHATEAUG_WT_PWR 323614	100.32 -1.95 0.00	93.22 -1.52 0.00	90.63 -1.38 0.00	92.16 -1.79 0.00	98.08 -1.79 0.00	94.37 -2.22 0.00	67.93 -1.53 0.00	86.74 -1.50 0.00	100.13 -2.04 0.00	85.88 -1.75 0.00	86.05 -1.04 0.00	86.22 -1.04 0.00	75.30 -0.61 0.00	70.73 -0.64 0.00	66.06 -0.46 0.00	70.61 -0.57 0.00	78.69 0.00 0.00	86.83 -0.43 0.00	86.74 -0.61 0.00	79.09 -0.80 0.00	108.93 -0.99 0.00	113.95 -0.68 0.00	94.30 0.00 0.00	75.78 0.83 0.00
CHAT_HIGH_FALL_HYD 323578	100.63 -1.64 0.00	93.51 -1.23 0.00	90.99 -1.01 0.00	92.63 -1.32 0.00	98.38 -1.50 0.00	94.56 -2.03 0.00	68.14 -1.32 0.00	87.01 -1.24 0.00	100.44 -1.74 0.00	86.05 -1.58 0.00	86.22 -0.87 0.00	86.30 -0.96 0.00	75.46 -0.46 0.00	70.81 -0.57 0.00	66.19 -0.33 0.00	70.68 -0.50 0.00	78.85 0.16 0.00	87.09 -0.17 0.00	86.91 -0.44 0.00	79.41 -0.48 0.00	109.26 -0.66 0.00	114.29 -0.34 0.00	94.58 0.28 0.00	76.08 1.12 0.00
CHAUTAUQUA___LFGE 323629	95.00 -7.26 0.00	88.02 -6.72 0.00	86.30 -5.70 0.00	88.69 -5.26 0.00	93.89 -5.99 0.00	91.34 -5.41 -0.16	79.61 -4.17 -14.32	86.87 -7.06 -5.69	95.85 -8.79 -2.46	83.10 -7.01 -2.49	79.94 -7.84 -0.69	79.84 -7.51 -0.08	69.28 -6.68 -0.04	65.38 -6.00 0.00	61.56 -5.99 -1.02	64.75 -6.41 0.02	74.00 -7.87 -3.17	82.07 -8.29 -3.10	71.02 -8.21 8.12	68.24 -7.51 4.14	64.38 -11.87 33.67	54.65 -12.38 47.60	63.58 -10.28 20.44	67.35 -7.95 -0.34
CHERRYST_13_KV_LD 356241	108.61 6.34 -0.01	100.14 5.40 0.00	97.06 5.06 0.00	98.93 4.98 0.00	105.58 5.69 -0.01	107.18 6.38 -4.21	159.67 5.07 -85.15	198.64 6.71 -103.69	159.99 8.17 -49.65	140.02 7.45 -44.94	107.02 7.14 -12.79	96.33 7.24 -1.83	83.19 6.15 -1.13	77.09 5.71 0.00	89.92 5.26 -18.14	77.08 5.91 0.00	143.35 6.45 -58.20	152.38 7.50 -57.62	170.08 7.60 -75.13	146.23 6.79 -59.55	138.11 9.01 -19.18	125.29 8.37 -2.28	100.52 6.22 0.00	91.57 4.72 -11.89

CHESTROR_138KV_BK263 355645	107.08 4.81 -0.01	98.91 4.17 0.00	95.87 3.86 0.00	97.80 3.85 0.00	104.28 4.39 -0.01	105.50 5.02 -3.89	152.49 3.89 -79.15	189.57 4.94 -96.38	154.25 5.93 -46.15	134.66 5.26 -41.78	103.94 4.96 -11.89	94.02 5.06 -1.70	81.21 4.25 -1.05	75.30 3.93 0.00	87.04 3.66 -16.86	75.31 4.13 0.00	137.36 4.56 -54.10	146.23 5.41 -53.56	162.69 5.50 -69.84	140.20 4.95 -55.35	134.23 6.49 -17.83	122.83 6.08 -2.12	98.92 4.62 0.00	89.42 3.45 -11.02
CH_MIDHUDSON___DRP 24192	108.51 6.24 -0.01	100.24 5.50 0.00	97.16 5.15 0.00	99.11 5.17 0.00	105.78 5.89 -0.01	107.48 6.47 -4.42	160.97 5.00 -86.51	199.94 6.35 -105.35	160.17 7.56 -50.44	139.95 6.66 -45.66	106.35 6.27 -12.99	95.58 6.46 -1.86	82.45 5.39 -1.15	76.44 5.07 0.00	89.61 4.66 -18.43	76.44 5.27 0.00	143.65 5.82 -59.13	152.61 6.81 -58.54	170.76 7.08 -76.33	146.71 6.31 -60.50	137.76 8.35 -19.49	125.01 8.02 -2.35	100.43 6.13 0.00	91.91 4.65 -12.31
CH_MISC_IPPS 23765	108.82 6.55 -0.01	100.43 5.68 0.00	97.43 5.43 0.00	99.39 5.45 0.00	105.98 6.09 -0.01	107.66 6.76 -4.31	159.68 5.21 -85.01	198.47 6.70 -103.52	159.61 7.87 -49.57	139.42 6.92 -44.87	106.30 6.44 -12.77	95.72 6.63 -1.83	82.58 5.54 -1.13	76.52 5.14 0.00	89.43 4.79 -18.11	76.58 5.41 0.00	142.94 6.14 -58.11	151.94 7.16 -57.52	169.78 7.42 -75.01	145.97 6.63 -59.45	137.87 8.80 -19.15	125.30 8.36 -2.30	100.71 6.42 0.00	91.87 4.87 -12.04
CH_RES_BVR_FALLS 23983	100.93 -1.33 0.00	93.89 -0.85 0.00	91.36 -0.64 0.00	93.19 -0.75 0.00	98.98 -0.90 0.00	95.24 -1.35 0.00	68.27 -1.18 0.00	87.10 -1.15 0.00	100.84 -1.33 0.00	86.40 -1.23 0.00	86.30 -0.79 0.00	86.30 -0.96 0.00	75.15 -0.76 0.00	70.59 -0.78 0.00	65.86 -0.67 0.00	70.40 -0.78 0.00	78.06 -0.63 0.00	86.30 -0.96 0.00	86.13 -1.22 0.00	78.61 -1.28 0.00	108.27 -1.65 0.00	113.03 -1.61 0.00	93.17 -1.13 0.00	74.21 -0.75 0.00
CH_RES_NIAGARA 23895	90.30 -11.96 0.00	83.66 -11.09 0.00	81.97 -10.03 0.00	83.80 -10.15 0.00	89.09 -10.79 0.00	87.37 -9.37 -0.14	75.34 -7.08 -12.97	83.71 -10.68 -6.14	90.19 -14.71 -2.73	79.00 -11.30 -2.68	74.95 -12.89 -0.75	75.23 -12.13 -0.09	65.11 -10.86 -0.05	61.60 -9.78 0.00	58.31 -9.31 -1.10	61.27 -9.89 0.02	69.85 -12.28 -3.43	76.67 -13.96 -3.37	68.48 -13.28 5.59	65.84 -11.50 2.55	65.32 -17.15 27.45	58.48 -16.97 39.19	63.87 -13.58 16.85	63.71 -11.62 -0.38
CH_RES_SYRACUSE 23985	100.62 -1.64 0.00	93.13 -1.61 0.00	90.44 -1.56 0.00	91.97 -1.98 0.00	97.48 -2.40 0.00	94.95 -1.74 -0.10	77.33 -0.76 -8.64	97.35 -1.42 -10.52	105.17 -2.04 -5.04	90.61 -1.57 -4.56	86.21 -2.17 -1.30	85.44 -2.00 -0.19	74.05 -1.97 -0.11	69.66 -1.71 0.00	66.77 -1.60 -1.84	69.61 -1.57 0.00	82.71 -1.89 -5.91	91.27 -1.84 -5.85	93.23 -1.75 -7.62	84.25 -1.68 -6.04	109.23 -2.64 -1.95	111.65 -2.98 0.00	91.47 -2.83 0.00	73.30 -2.32 -0.67
CLINTON_WT_PWR 323605	100.32 -1.95 0.00	93.22 -1.52 0.00	90.63 -1.38 0.00	92.16 -1.79 0.00	98.08 -1.79 0.00	94.37 -2.22 0.00	67.93 -1.53 0.00	86.74 -1.50 0.00	100.13 -2.04 0.00	85.88 -1.75 0.00	86.05 -1.04 0.00	86.22 -1.04 0.00	75.30 -0.61 0.00	70.73 -0.64 0.00	66.06 -0.46 0.00	70.61 -0.57 0.00	78.69 0.00 0.00	86.83 -0.43 0.00	86.74 -0.61 0.00	79.09 -0.80 0.00	108.93 -0.99 0.00	113.95 -0.68 0.00	94.30 0.00 0.00	75.78 0.83 0.00
CLINTON___LFGE 323618	101.55 -0.71 0.00	94.37 -0.38 0.00	91.91 -0.09 0.00	93.29 -0.65 0.00	99.28 -0.60 0.00	95.72 -0.87 0.00	69.32 -0.14 0.00	88.42 0.18 0.00	101.87 -0.31 0.00	87.19 -0.44 0.00	87.35 0.26 0.00	87.44 0.17 0.00	76.52 0.60 0.00	71.81 0.43 0.00	67.12 0.60 0.00	71.74 0.57 0.00	80.03 1.34 0.00	88.39 1.13 0.00	88.31 0.96 0.00	80.46 0.56 0.00	110.47 0.55 0.00	115.33 0.69 0.00	95.43 1.14 0.00	77.13 2.18 0.00
COBBLENY_34_KV_TB1 80064	94.18 -8.08 0.00	87.16 -7.58 0.00	85.47 -6.53 0.00	87.37 -6.58 0.00	92.99 -6.89 0.00	90.19 -6.57 -0.16	78.84 -5.21 -14.59	85.83 -8.21 -5.79	94.97 -9.71 -2.51	82.10 -8.06 -2.53	79.08 -8.71 -0.70	78.88 -8.46 -0.08	68.52 -7.44 -0.04	64.60 -6.78 0.00	60.98 -6.59 -1.04	64.32 -6.83 0.02	73.66 -8.26 -3.23	81.78 -8.64 -3.16	72.60 -8.30 6.45	69.77 -7.43 2.70	65.61 -11.65 32.66	55.27 -12.04 47.32	63.77 -9.71 20.81	67.51 -7.80 -0.35
COFFEEN___115KV_TB3 355620	105.53 3.27 0.00	97.78 3.03 0.00	94.67 2.67 0.00	96.58 2.63 0.00	103.37 3.50 0.00	100.41 3.77 -0.05	77.34 3.47 -4.41	98.38 4.77 -5.37	109.85 5.11 -2.57	93.20 3.24 -2.33	90.80 3.05 -0.66	89.89 2.53 -0.09	77.72 1.75 -0.06	73.16 1.78 0.00	69.26 1.80 -0.94	73.60 2.42 0.00	84.62 2.91 -3.01	94.26 4.01 -2.98	95.61 4.37 -3.89	86.49 3.52 -3.08	114.98 4.07 -0.99	117.84 3.21 0.00	96.56 2.26 0.00	77.02 1.72 -0.34
COLDSPRG_115KV_BK1 355956	97.25 -5.01 0.00	90.01 -4.74 0.00	88.23 -3.77 0.00	90.28 -3.66 0.00	96.18 -3.70 0.00	92.61 -4.15 -0.17	81.28 -3.54 -15.37	88.17 -5.38 -5.31	99.00 -5.42 -2.25	84.78 -5.17 -2.33	82.68 -5.05 -0.64	82.19 -5.15 -0.07	71.47 -4.48 -0.04	67.17 -4.21 0.00	63.22 -4.26 -0.96	66.74 -4.41 0.02	76.77 -4.88 -2.95	85.51 -4.62 -2.87	80.43 -4.54 2.37	76.76 -4.23 -1.10	71.10 -7.36 31.46	57.22 -7.91 49.50	64.47 -6.51 23.32	70.10 -5.17 -0.32
COLONIE_LFGE___ 323577	108.06 5.72 -0.07	99.76 5.02 0.00	96.78 4.78 0.00	98.83 4.88 0.00	105.34 5.39 -0.07	132.49 5.70 -30.20	178.87 4.03 -105.39	221.43 4.85 -128.34	169.54 5.92 -61.45	148.25 4.99 -55.63	107.79 4.87 -15.83	94.41 4.88 -2.26	81.48 4.17 -1.40	75.30 3.92 0.00	92.63 3.66 -22.45	75.16 3.98 0.00	155.21 4.48 -72.04	163.72 5.15 -71.31	185.49 5.15 -92.99	158.31 4.71 -73.71	139.92 6.26 -23.74	129.84 6.65 -8.56	99.58 5.28 0.00	134.33 4.04 -55.33
COOPERNY_115KV_TB1 80082	105.85 3.58 -0.01	97.78 3.03 0.00	94.76 2.76 0.00	96.77 2.82 0.00	103.08 3.20 -0.01	103.46 3.67 -3.20	136.83 2.92 -64.46	170.45 3.71 -78.49	144.15 4.39 -37.58	125.51 3.86 -34.02	100.43 3.66 -9.68	92.31 3.67 -1.38	79.88 3.11 -0.85	74.23 2.86 0.00	82.92 2.66 -13.73	74.17 2.99 0.00	126.14 3.38 -44.06	134.81 3.93 -43.62	148.24 4.02 -56.88	128.57 3.60 -45.08	129.17 4.73 -14.52	120.73 4.36 -1.74	97.50 3.21 0.00	86.37 2.40 -9.02
COPENHAGEN_WT_PWR 323753	104.20 1.94 0.00	96.54 1.80 0.00	93.47 1.47 0.00	95.45 1.50 0.00	101.98 2.10 0.00	99.06 2.42 -0.05	76.44 2.43 -4.56	97.15 3.35 -5.55	108.40 3.57 -2.66	92.22 2.19 -2.41	89.69 1.91 -0.68	88.84 1.48 -0.10	76.96 0.98 -0.06	72.38 1.00 0.00	68.55 1.06 -0.97	72.67 1.50 0.00	83.54 1.73 -3.11	92.96 2.62 -3.08	94.25 2.88 -4.02	85.31 2.23 -3.19	113.36 2.42 -1.03	116.36 1.72 0.00	95.34 1.04 0.00	76.13 0.83 -0.35
CORNELL_____ 23752	103.18 0.92 0.00	95.41 0.66 0.00	92.65 0.64 0.00	94.70 0.75 0.00	100.78 0.90 0.00	99.36 1.55 -1.22	90.16 1.74 -18.97	164.69 1.85 -74.59	140.87 1.84 -36.86	121.09 1.23 -32.24	96.88 0.52 -9.26	89.27 0.61 -1.40	77.11 0.30 -0.89	71.66 0.29 0.00	79.79 0.33 -12.94	71.97 0.71 -0.08	121.65 0.94 -42.02	131.89 1.57 -43.06	150.72 1.66 -61.71	116.35 1.36 -35.10	234.19 1.32 -122.95	296.62 0.80 -181.18	184.33 0.19 -89.85	81.18 -0.22 -6.45

CORONA V_69_KV_TB1 355595	110.33 7.67 -0.40	101.38 6.63 0.00	99.32 6.35 -0.96	100.15 6.20 0.00	106.88 6.99 -0.01	126.81 7.63 -22.59	160.20 5.63 -85.12	199.32 7.41 -103.66	160.49 8.68 -49.63	140.27 7.71 -44.93	107.37 7.49 -12.79	96.77 7.68 -1.83	84.53 6.68 -1.94	80.21 6.21 -2.63	95.43 5.79 -23.12	116.84 6.26 -39.40	143.65 6.77 -58.18	179.13 8.12 -83.75	188.24 8.30 -92.59	154.60 7.51 -67.19	148.57 9.89 -28.76	132.37 9.63 -8.11	108.46 7.36 -6.80	99.12 5.55 -18.61
CORTLAND_115KV_TB3 80093	102.47 0.20 0.00	94.84 0.09 0.00	92.10 0.09 0.00	94.04 0.09 0.00	100.08 0.20 0.00	97.53 0.77 -0.17	85.76 0.97 -15.34	121.74 0.97 -32.53	118.87 0.82 -15.88	102.31 0.61 -14.07	91.21 0.09 -4.03	87.95 0.09 -0.60	76.14 -0.15 -0.38	71.30 -0.07 0.00	72.18 0.00 -5.66	71.41 0.21 -0.02	97.23 0.24 -18.30	106.34 0.61 -18.46	112.42 0.70 -24.37	96.04 0.56 -15.59	144.49 0.33 -34.24	162.80 -0.11 -48.28	118.09 -0.38 -24.17	76.44 -0.60 -2.09
COXSACKIE__GT 23611	109.34 7.05 -0.03	102.23 7.48 0.00	99.27 7.27 0.00	101.55 7.61 0.00	107.10 7.20 -0.03	116.62 7.54 -12.49	173.81 5.14 -99.22	215.51 6.44 -120.82	167.17 7.15 -57.85	145.17 5.17 -52.37	106.87 4.87 -14.90	95.15 5.76 -2.13	81.32 4.10 -1.31	75.66 4.28 0.00	91.39 3.72 -21.14	76.08 4.91 0.00	151.63 5.11 -67.82	160.42 6.02 -67.14	181.10 6.20 -87.55	154.64 5.35 -69.39	139.64 7.37 -22.35	126.26 7.23 -4.40	101.46 7.16 0.00	106.46 5.32 -26.18
CPV_VALLEY__CC1 323721	106.25 3.98 -0.01	98.06 3.31 0.00	95.13 3.13 0.00	97.04 3.10 0.00	103.47 3.59 -0.01	104.36 4.15 -3.62	146.61 3.27 -73.89	182.37 4.15 -89.98	150.16 4.90 -43.08	131.10 4.47 -39.00	102.37 4.18 -11.10	93.04 4.19 -1.59	80.46 3.57 -0.98	74.73 3.36 0.00	85.33 3.06 -15.74	74.59 3.42 0.00	133.06 3.86 -50.51	141.80 4.53 -50.00	157.17 4.63 -65.20	135.72 4.15 -51.68	131.95 5.38 -16.64	121.65 5.04 -1.98	97.97 3.67 0.00	88.06 2.85 -10.26
CPV_VALLEY__CC2 323722	106.25 3.98 -0.01	98.06 3.31 0.00	95.13 3.13 0.00	97.04 3.10 0.00	103.47 3.59 -0.01	104.36 4.15 -3.62	146.61 3.27 -73.89	182.37 4.15 -89.98	150.16 4.90 -43.08	131.10 4.47 -39.00	102.37 4.18 -11.10	93.04 4.19 -1.59	80.46 3.57 -0.98	74.73 3.36 0.00	85.33 3.06 -15.74	74.59 3.42 0.00	133.06 3.86 -50.51	141.80 4.53 -50.00	157.17 4.63 -65.20	135.72 4.15 -51.68	131.95 5.38 -16.64	121.65 5.04 -1.98	97.97 3.67 0.00	88.06 2.85 -10.26
CRESCENT__HYD 24018	108.06 5.72 -0.07	99.76 5.02 0.00	96.78 4.78 0.00	98.83 4.88 0.00	105.34 5.39 -0.07	132.49 5.70 -30.20	178.87 4.03 -105.39	221.43 4.85 -128.34	169.54 5.92 -61.45	148.25 4.99 -55.63	107.79 4.87 -15.83	94.41 4.88 -2.26	81.48 4.17 -1.40	75.30 3.92 0.00	92.63 3.66 -22.45	75.16 3.98 0.00	155.21 4.48 -72.04	163.72 5.15 -71.31	185.49 5.15 -92.99	158.31 4.71 -73.71	139.92 6.26 -23.74	129.84 6.65 -8.56	99.58 5.28 0.00	134.33 4.04 -55.33
CRICKET__VALLEY_CC1 323756	107.99 5.72 -0.01	99.67 4.92 0.00	96.69 4.69 0.00	98.64 4.70 0.00	105.18 5.29 -0.01	107.38 5.80 -4.99	163.32 4.38 -89.49	202.69 5.47 -108.98	161.09 6.74 -52.18	140.82 5.96 -47.24	106.28 5.75 -13.44	95.03 5.85 -1.92	82.03 4.93 -1.18	76.01 4.64 0.00	89.91 4.32 -19.07	75.95 4.77 0.00	145.06 5.19 -61.17	153.83 6.02 -60.56	172.42 6.11 -78.96	147.99 5.51 -62.59	137.44 7.37 -20.16	124.27 7.11 -2.53	99.67 5.37 0.00	92.58 4.19 -13.43
CRICKET__VALLEY_CC2 323757	107.99 5.72 -0.01	99.67 4.92 0.00	96.69 4.69 0.00	98.64 4.70 0.00	105.18 5.29 -0.01	107.38 5.80 -4.99	163.32 4.38 -89.49	202.69 5.47 -108.98	161.09 6.74 -52.18	140.82 5.96 -47.24	106.28 5.75 -13.44	95.03 5.85 -1.92	82.03 4.93 -1.18	76.01 4.64 0.00	89.91 4.32 -19.07	75.95 4.77 0.00	145.06 5.19 -61.17	153.83 6.02 -60.56	172.42 6.11 -78.96	147.99 5.51 -62.59	137.44 7.37 -20.16	124.27 7.11 -2.53	99.67 5.37 0.00	92.58 4.19 -13.43
CRICKET__VALLEY_CC3 323758	107.99 5.72 -0.01	99.67 4.92 0.00	96.69 4.69 0.00	98.64 4.70 0.00	105.18 5.29 -0.01	107.38 5.80 -4.99	163.32 4.38 -89.49	202.69 5.47 -108.98	161.09 6.74 -52.18	140.82 5.96 -47.24	106.28 5.75 -13.44	95.03 5.85 -1.92	82.03 4.93 -1.18	76.01 4.64 0.00	89.91 4.32 -19.07	75.95 4.77 0.00	145.06 5.19 -61.17	153.83 6.02 -60.56	172.42 6.11 -78.96	147.99 5.51 -62.59	137.44 7.37 -20.16	124.27 7.11 -2.53	99.67 5.37 0.00	92.58 4.19 -13.43
CRUCIBLE_METL_DRP 24180	100.63 -1.64 0.00	93.13 -1.61 0.00	90.35 -1.66 0.00	91.88 -2.07 0.00	97.48 -2.40 0.00	94.95 -1.74 -0.10	77.33 -0.76 -8.64	97.35 -1.41 -10.52	105.17 -2.04 -5.04	90.61 -1.58 -4.56	86.21 -2.18 -1.30	85.44 -2.01 -0.19	74.05 -1.97 -0.11	69.66 -1.71 0.00	66.77 -1.60 -1.84	69.61 -1.57 0.00	82.71 -1.89 -5.91	91.28 -1.83 -5.85	93.23 -1.75 -7.62	84.26 -1.68 -6.04	109.23 -2.64 -1.95	111.54 -3.10 0.00	91.47 -2.83 0.00	73.23 -2.40 -0.67
DAHOWA__HYDRO 323763	110.22 7.87 -0.09	101.76 7.01 0.00	98.81 6.81 0.00	100.90 6.95 0.00	107.66 7.69 -0.09	139.37 7.82 -34.96	181.57 5.14 -106.98	224.78 6.27 -130.27	172.00 7.45 -62.37	149.71 5.61 -56.47	108.56 5.40 -16.07	94.71 5.15 -2.30	81.58 4.25 -1.42	75.37 3.99 0.00	93.24 3.92 -22.79	75.66 4.49 0.00	157.32 5.51 -73.12	166.20 6.55 -72.39	188.30 6.55 -94.40	160.62 5.91 -74.82	141.82 7.81 -24.10	133.59 9.28 -9.67	101.56 7.26 0.00	143.67 5.55 -63.16
DANC__LFGE 323619	102.16 -0.10 0.00	94.65 -0.09 0.00	91.73 -0.28 0.00	93.67 -0.28 0.00	99.78 -0.10 0.00	96.94 0.29 -0.06	75.66 0.84 -5.37	95.85 1.06 -6.54	106.22 0.92 -3.13	90.73 0.26 -2.84	87.90 0.00 -0.81	87.12 -0.26 -0.12	75.53 -0.45 -0.07	71.02 -0.36 0.00	67.47 -0.20 -1.14	71.18 0.00 0.00	82.37 0.00 -3.67	91.42 0.53 -3.64	92.79 0.70 -4.74	84.05 0.40 -3.76	111.13 0.00 -1.21	113.95 -0.68 0.00	93.45 -0.85 0.00	74.70 -0.68 -0.42
DANSKAMMER__1 23586	108.82 6.55 -0.01	100.43 5.68 0.00	97.43 5.43 0.00	99.39 5.45 0.00	105.98 6.09 -0.01	107.66 6.76 -4.31	159.68 5.21 -85.01	198.47 6.70 -103.52	159.61 7.87 -49.57	139.42 6.92 -44.87	106.30 6.44 -12.77	95.72 6.63 -1.83	82.58 5.54 -1.13	76.52 5.14 0.00	89.43 4.79 -18.11	76.58 5.41 0.00	142.94 6.14 -58.11	151.94 7.16 -57.52	169.78 7.42 -75.01	145.97 6.63 -59.45	137.87 8.80 -19.15	125.30 8.36 -2.30	100.71 6.42 0.00	91.87 4.87 -12.04
DANSKAMMER__2 23589	108.82 6.55 -0.01	100.43 5.68 0.00	97.43 5.43 0.00	99.39 5.45 0.00	105.98 6.09 -0.01	107.66 6.76 -4.31	159.68 5.21 -85.01	198.47 6.70 -103.52	159.61 7.87 -49.57	139.42 6.92 -44.87	106.30 6.44 -12.77	95.72 6.63 -1.83	82.58 5.54 -1.13	76.52 5.14 0.00	89.43 4.79 -18.11	76.58 5.41 0.00	142.94 6.14 -58.11	151.94 7.16 -57.52	169.78 7.42 -75.01	145.97 6.63 -59.45	137.87 8.80 -19.15	125.30 8.36 -2.30	100.71 6.42 0.00	91.87 4.87 -12.04
DANSKAMMER__3 23590	108.82 6.55 -0.01	100.43 5.68 0.00	97.43 5.43 0.00	99.39 5.45 0.00	105.98 6.09 -0.01	107.66 6.76 -4.31	159.68 5.21 -85.01	198.47 6.70 -103.52	159.61 7.87 -49.57	139.42 6.92 -44.87	106.30 6.44 -12.77	95.72 6.63 -1.83	82.58 5.54 -1.13	76.52 5.14 0.00	89.43 4.79 -18.11	76.58 5.41 0.00	142.94 6.14 -58.11	151.94 7.16 -57.52	169.78 7.42 -75.01	145.97 6.63 -59.45	137.87 8.80 -19.15	125.30 8.36 -2.30	100.71 6.42 0.00	91.87 4.87 -12.04

DANSKAMMER___4 23591	108.82 6.55 -0.01	100.43 5.68 0.00	97.43 5.43 0.00	99.39 5.45 0.00	105.98 6.09 -0.01	107.66 6.76 -4.31	159.68 5.21 -85.01	198.47 6.70 -103.52	159.61 7.87 -49.57	139.42 6.92 -44.87	106.30 6.44 -12.77	95.72 6.63 -1.83	82.58 5.54 -1.13	76.52 5.14 0.00	89.43 4.79 -18.11	76.58 5.41 0.00	142.94 6.14 -58.11	151.94 7.16 -57.52	169.78 7.42 -75.01	145.97 6.63 -59.45	137.87 8.80 -19.15	125.30 8.36 -2.30	100.71 6.42 0.00	91.87 4.87 -12.04
DANSKAMMER___DIESEL 23592	108.81 6.54 -0.01	100.43 5.68 0.00	97.43 5.43 0.00	99.40 5.45 0.00	105.98 6.09 -0.01	107.66 6.76 -4.31	159.68 5.21 -85.01	198.47 6.71 -103.52	159.61 7.87 -49.57	139.42 6.92 -44.87	106.30 6.44 -12.77	95.72 6.63 -1.83	82.58 5.54 -1.13	76.52 5.14 0.00	89.42 4.79 -18.11	76.59 5.41 0.00	142.86 6.06 -58.11	151.94 7.16 -57.52	169.78 7.42 -75.01	145.90 6.55 -59.45	137.86 8.79 -19.15	125.31 8.37 -2.30	100.71 6.41 0.00	91.80 4.80 -12.04
DARBY___SOLAR 323810	109.61 7.26 -0.09	101.19 6.45 0.00	98.26 6.26 0.00	100.42 6.48 0.00	107.05 7.09 -0.09	138.24 7.25 -34.40	181.01 4.79 -106.76	224.08 5.82 -130.01	171.37 6.95 -62.25	149.33 5.35 -56.35	108.17 5.05 -16.04	94.35 4.80 -2.29	81.35 4.02 -1.41	75.16 3.78 0.00	92.99 3.72 -22.75	75.45 4.27 0.00	156.86 5.19 -72.97	165.61 6.11 -72.24	187.66 6.11 -94.20	160.07 5.51 -74.67	141.33 7.37 -24.05	132.78 8.60 -9.54	101.09 6.79 0.00	142.36 5.17 -62.24
DASHVILLE___HYD 23610	106.36 4.09 -0.01	99.29 4.55 0.00	96.33 4.32 0.00	98.27 4.32 0.00	103.69 3.80 -0.01	107.07 4.54 -5.94	160.67 3.61 -87.61	199.60 4.68 -106.68	158.77 5.52 -51.08	138.69 4.82 -46.24	104.69 4.44 -13.16	94.38 5.24 -1.88	80.87 3.80 -1.16	75.44 4.07 0.00	88.51 3.33 -18.67	75.52 4.34 0.00	142.90 4.33 -59.88	151.60 5.06 -59.28	169.98 5.33 -77.30	145.87 4.71 -61.27	135.81 6.16 -19.73	123.08 5.73 -2.72	99.39 5.09 0.00	92.87 3.07 -14.84
DEERFIELD_69_KV_DEERFIELD LD 355887	112.68 10.02 -0.40	103.56 8.81 0.00	101.62 8.65 -0.96	102.50 8.55 0.00	109.37 9.49 -0.01	129.52 10.34 -22.59	162.64 8.06 -85.12	202.58 10.68 -103.66	163.66 11.85 -49.63	142.64 10.08 -44.93	108.76 8.88 -12.79	97.82 8.73 -1.83	85.22 7.36 -1.94	80.93 6.92 -2.63	96.16 6.52 -23.12	118.41 7.83 -39.40	144.91 8.03 -58.18	181.22 10.21 -83.75	190.16 10.22 -92.59	156.75 9.67 -67.19	150.66 11.98 -28.76	133.86 11.12 -8.11	110.15 9.05 -6.80	100.84 7.27 -18.61
DELAWARE___LFGE 323621	105.75 3.48 -0.01	97.78 3.03 0.00	94.86 2.85 0.00	96.86 2.91 0.00	103.29 3.40 -0.01	105.56 3.77 -5.20	109.19 2.92 -36.82	136.78 3.71 -44.83	127.93 4.29 -21.47	110.57 3.51 -19.43	95.84 3.22 -5.53	91.19 3.14 -0.79	79.06 2.66 -0.49	73.87 2.33 0.00	76.69 2.63 -7.84	73.81 3.07 0.00	106.93 3.67 -25.17	115.84 3.67 -24.91	123.61 3.76 -32.51	109.01 3.36 -25.76	122.43 4.18 -8.33	120.63 4.01 -1.98	97.22 2.92 0.00	87.77 2.17 -10.64
DERFIELD_115KV_TB7 355931	102.98 0.72 0.00	95.31 0.57 0.00	92.56 0.55 0.00	94.51 0.56 0.00	100.58 0.70 0.00	97.46 0.87 0.00	70.15 0.69 0.00	89.04 0.79 0.00	103.09 0.92 0.00	88.42 0.79 0.00	87.87 0.78 0.00	88.05 0.79 0.00	76.52 0.61 0.00	71.95 0.57 0.00	67.05 0.53 0.00	71.82 0.64 0.00	79.32 0.63 0.00	88.05 0.79 0.00	88.14 0.79 0.00	80.53 0.64 0.00	110.69 0.77 0.00	115.32 0.69 0.00	94.86 0.57 0.00	75.33 0.37 0.00
DOGLEVILLE___HYD 23807	106.36 4.09 0.00	98.54 3.79 0.00	95.87 3.86 0.00	98.08 4.13 0.00	104.67 4.79 0.00	101.51 4.92 0.00	73.27 3.82 0.00	93.36 5.12 0.00	108.41 6.23 0.00	93.24 5.61 0.00	93.09 6.00 0.00	93.37 6.11 0.00	81.08 5.16 0.00	76.30 4.92 0.00	71.05 4.53 0.00	76.52 5.34 0.00	84.91 6.22 0.00	94.42 7.16 0.00	94.42 7.07 0.00	85.96 6.07 0.00	117.40 7.48 0.00	121.86 7.23 0.00	100.42 6.13 0.00	79.76 4.80 0.00
DUNKIRK___115KV_TB_200 55889	94.80 -7.47 0.00	87.83 -6.92 0.00	86.11 -5.89 0.00	88.03 -5.92 0.00	93.78 -6.09 0.00	91.24 -5.51 -0.16	79.43 -4.31 -14.28	86.80 -7.15 -5.70	95.86 -8.79 -2.47	82.93 -7.19 -2.49	79.77 -8.01 -0.69	79.75 -7.59 -0.08	69.20 -6.76 -0.04	65.24 -6.14 0.00	61.49 -6.05 -1.02	64.82 -6.33 0.02	73.85 -8.03 -3.18	81.82 -8.55 -3.11	70.63 -8.39 8.33	67.89 -7.67 4.34	64.08 -12.09 33.75	54.49 -12.61 47.53	63.69 -10.28 20.33	67.06 -8.25 -0.35
DUNKIRK___1 23563	94.80 -7.47 0.00	87.83 -6.92 0.00	86.11 -5.89 0.00	88.03 -5.92 0.00	93.78 -6.09 0.00	91.24 -5.51 -0.16	79.43 -4.31 -14.28	86.80 -7.15 -5.70	95.86 -8.79 -2.47	82.93 -7.19 -2.49	79.77 -8.01 -0.69	79.75 -7.59 -0.08	69.20 -6.76 -0.04	65.24 -6.14 0.00	61.49 -6.05 -1.02	64.82 -6.33 0.02	73.85 -8.03 -3.18	81.82 -8.55 -3.11	70.63 -8.39 8.33	67.89 -7.67 4.34	64.08 -12.09 33.75	54.49 -12.61 47.53	63.69 -10.28 20.33	67.06 -8.25 -0.35
DUNKIRK___2 23564	94.80 -7.47 0.00	87.83 -6.92 0.00	86.11 -5.89 0.00	88.03 -5.92 0.00	93.78 -6.09 0.00	91.24 -5.51 -0.16	79.43 -4.31 -14.28	86.80 -7.15 -5.70	95.86 -8.79 -2.47	82.93 -7.19 -2.49	79.77 -8.01 -0.69	79.75 -7.59 -0.08	69.20 -6.76 -0.04	65.24 -6.14 0.00	61.49 -6.05 -1.02	64.82 -6.33 0.02	73.85 -8.03 -3.18	81.82 -8.55 -3.11	70.63 -8.39 8.33	67.89 -7.67 4.34	64.08 -12.09 33.75	54.49 -12.61 47.53	63.69 -10.28 20.33	67.06 -8.25 -0.35
DUNKIRK___3 23565	94.39 -7.87 0.00	87.45 -7.30 0.00	85.65 -6.35 0.00	87.56 -6.39 0.00	93.19 -6.69 0.00	90.66 -6.09 -0.16	78.84 -4.72 -14.11	86.31 -7.68 -5.74	95.27 -9.40 -2.50	82.51 -7.62 -2.51	79.34 -8.45 -0.69	79.23 -8.12 -0.08	68.75 -7.21 -0.04	64.88 -6.50 0.00	61.17 -6.39 -1.03	64.47 -6.69 0.02	73.64 -8.26 -3.20	81.58 -8.81 -3.13	69.20 -8.65 9.50	66.68 -7.83 5.39	63.37 -12.20 34.35	54.48 -12.72 47.43	64.13 -10.28 19.89	66.98 -8.32 -0.35
DUNKIRK___4 23566	94.39 -7.87 0.00	87.45 -7.30 0.00	85.65 -6.35 0.00	87.56 -6.39 0.00	93.19 -6.69 0.00	90.66 -6.09 -0.16	78.84 -4.72 -14.11	86.31 -7.68 -5.74	95.27 -9.40 -2.50	82.51 -7.62 -2.51	79.34 -8.45 -0.69	79.23 -8.12 -0.08	68.75 -7.21 -0.04	64.88 -6.50 0.00	61.17 -6.39 -1.03	64.47 -6.69 0.02	73.64 -8.26 -3.20	81.58 -8.81 -3.13	69.20 -8.65 9.50	66.68 -7.83 5.39	63.37 -12.20 34.35	54.48 -12.72 47.43	64.13 -10.28 19.89	66.98 -8.32 -0.35
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	108.30 6.03 -0.01	99.96 5.21 0.00	96.88 4.88 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.98 6.18 -4.21	159.40 4.79 -85.15	198.20 6.27 -103.69	159.38 7.56 -49.65	139.32 6.75 -44.95	106.41 6.53 -12.79	95.64 6.54 -1.83	82.66 5.62 -1.13	76.59 5.21 0.00	89.45 4.79 -18.14	76.52 5.34 0.00	142.80 5.90 -58.20	151.77 6.89 -57.62	169.56 7.08 -75.13	145.75 6.31 -59.55	137.45 8.35 -19.18	124.83 7.91 -2.28	100.24 5.94 0.00	91.34 4.50 -11.89
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	107.79 5.52 -0.01	99.58 4.83 0.00	96.51 4.51 0.00	98.55 4.60 0.00	105.08 5.19 -0.01	106.55 5.80 -4.17	156.43 4.51 -82.46	194.40 5.74 -100.42	157.00 6.74 -48.08	137.11 5.96 -43.53	105.05 5.57 -12.39	94.79 5.76 -1.77	81.79 4.78 -1.09	75.87 4.50 0.00	88.28 4.19 -17.57	75.87 4.70 0.00	140.33 5.27 -56.37	149.26 6.20 -55.80	166.49 6.38 -72.76	143.24 5.67 -57.67	135.97 7.47 -18.58	123.97 7.11 -2.23	99.67 5.37 0.00	90.66 4.05 -11.66

E179THST_138_KV_TB4_REV_LBMP_J 345001	108.81 6.54 -0.01	100.24 5.50 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.89 6.09 -4.21	159.13 4.51 -85.16	197.68 5.74 -103.70	159.08 7.25 -49.65	139.15 6.57 -44.95	106.41 6.53 -12.79	95.72 6.63 -1.83	82.58 5.54 -1.13	76.59 5.21 0.00	89.46 4.79 -18.14	76.52 5.34 0.00	142.88 5.98 -58.21	151.78 6.89 -57.62	169.48 6.99 -75.14	145.68 6.23 -59.55	137.35 8.24 -19.18	124.48 7.57 -2.28	100.43 6.13 0.00	91.94 5.10 -11.89
E179THST_13_KV_LOAD 356214	109.22 6.95 -0.01	100.52 5.78 0.00	97.34 5.34 0.00	99.21 5.26 0.00	105.78 5.89 -0.01	107.27 6.47 -4.21	159.40 4.79 -85.16	198.12 6.18 -103.70	159.59 7.77 -49.65	139.59 7.01 -44.95	106.85 6.97 -12.79	96.16 7.07 -1.83	82.96 5.92 -1.13	76.94 5.57 0.00	89.79 5.12 -18.14	76.87 5.69 0.00	143.27 6.37 -58.21	152.21 7.33 -57.62	170.00 7.51 -75.14	146.08 6.63 -59.55	137.90 8.79 -19.18	125.06 8.14 -2.28	100.90 6.60 0.00	92.32 5.47 -11.89
EAST HAMPTON___GT 23717	111.76 9.10 -0.40	102.70 7.96 0.00	100.88 7.91 -0.96	101.37 7.42 0.00	108.57 8.68 -0.01	128.75 9.56 -22.59	162.22 7.64 -85.12	202.05 10.14 -103.66	163.04 11.24 -49.63	142.37 9.81 -44.93	107.62 7.75 -12.79	96.68 7.59 -1.83	84.23 6.38 -1.94	79.92 5.92 -2.63	95.36 5.72 -23.12	117.56 6.98 -39.40	144.27 7.40 -58.18	180.61 9.60 -83.75	189.89 9.95 -92.59	156.59 9.50 -67.19	150.33 11.65 -28.76	133.17 10.43 -8.11	109.30 8.20 -6.80	100.46 6.89 -18.61
EAST RIVER___6 23660	108.20 5.93 -0.01	99.76 5.02 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.79 5.99 -4.21	159.39 4.79 -85.15	198.29 6.36 -103.69	159.79 7.97 -49.65	139.84 7.27 -44.94	106.85 6.97 -12.79	96.08 6.98 -1.83	82.97 5.93 -1.13	76.95 5.57 0.00	89.79 5.12 -18.14	76.87 5.70 0.00	143.19 6.30 -58.20	152.21 7.33 -57.62	169.90 7.42 -75.13	145.99 6.55 -59.55	137.78 8.68 -19.18	124.94 8.02 -2.28	100.24 5.94 0.00	91.27 4.42 -11.89
EAST RIVER___7 23524	108.20 5.93 -0.01	99.76 5.02 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.79 5.99 -4.21	159.39 4.79 -85.15	198.29 6.36 -103.69	159.79 7.97 -49.65	139.84 7.27 -44.94	106.85 6.97 -12.79	96.08 6.98 -1.83	82.97 5.93 -1.13	76.95 5.57 0.00	89.79 5.12 -18.14	76.87 5.70 0.00	143.19 6.30 -58.20	152.21 7.33 -57.62	169.90 7.42 -75.13	145.99 6.55 -59.55	137.78 8.68 -19.18	124.94 8.02 -2.28	100.24 5.94 0.00	91.27 4.42 -11.89
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	108.20 5.93 -0.01	99.86 5.12 0.00	96.79 4.78 0.00	98.64 4.70 0.00	105.28 5.39 -0.01	106.78 5.99 -4.20	159.15 4.72 -84.97	197.80 6.09 -103.47	158.97 7.25 -49.54	139.05 6.57 -44.85	106.12 6.27 -12.76	95.46 6.37 -1.83	82.43 5.39 -1.12	76.37 5.00 0.00	89.28 4.66 -18.10	76.37 5.20 0.00	142.44 5.67 -58.08	151.39 6.63 -57.49	169.13 6.81 -74.97	145.39 6.07 -59.42	137.08 8.02 -19.14	124.59 7.68 -2.28	100.05 5.75 0.00	91.17 4.35 -11.87
EAST_HAMPTON___DIESEL 23722	111.56 8.89 -0.40	102.52 7.77 0.00	100.70 7.73 -0.96	101.18 7.23 0.00	108.37 8.48 -0.01	128.55 9.37 -22.59	162.08 7.50 -85.12	201.87 9.97 -103.66	162.84 11.04 -49.63	142.11 9.55 -44.93	107.45 7.57 -12.79	96.42 7.33 -1.83	84.00 6.15 -1.94	79.78 5.78 -2.63	95.23 5.59 -23.12	117.41 6.83 -39.40	144.11 7.24 -58.18	180.44 9.43 -83.75	189.72 9.78 -92.59	156.43 9.34 -67.19	150.11 11.43 -28.76	132.94 10.20 -8.11	109.11 8.01 -6.80	100.32 6.75 -18.61
EAST_POINT___SOLAR 323840	110.74 8.39 -0.09	102.23 7.48 0.00	99.27 7.27 0.00	101.55 7.61 0.00	108.45 8.48 -0.09	140.48 8.70 -35.20	193.63 6.94 -117.23	239.65 8.65 -142.75	179.82 9.30 -68.35	154.23 4.73 -61.88	107.23 2.53 -17.61	91.00 1.22 -2.52	78.30 0.84 -1.55	72.38 1.00 0.00	93.30 1.80 -24.98	74.31 3.13 0.00	165.20 6.37 -80.13	175.14 8.56 -79.33	199.61 8.82 -103.44	169.79 7.91 -81.99	146.55 10.22 -26.41	134.42 10.20 -9.58	102.22 7.92 0.00	144.96 5.85 -64.15
EAST_PULASKI___ESR 323781	100.22 -2.04 0.00	92.75 -1.99 0.00	89.89 -2.11 0.00	91.88 -2.07 0.00	97.68 -2.20 0.00	95.02 -1.64 -0.07	74.92 -0.69 -6.16	94.69 -1.05 -7.50	104.23 -1.53 -3.59	89.39 -1.49 -3.25	86.10 -1.92 -0.92	85.39 -2.00 -0.13	74.17 -1.82 -0.08	69.74 -1.64 0.00	66.37 -1.46 -1.31	69.68 -1.50 0.00	81.17 -1.73 -4.21	89.86 -1.57 -4.17	91.38 -1.40 -5.43	82.76 -1.44 -4.30	108.89 -2.42 -1.39	111.65 -2.98 0.00	91.66 -2.64 0.00	73.26 -2.18 -0.48
EAST_RIVER___1 323558	108.30 6.03 -0.01	99.95 5.21 0.00	96.78 4.78 0.00	98.64 4.70 0.00	105.27 5.39 -0.01	106.99 6.19 -4.21	159.46 4.86 -85.15	198.29 6.36 -103.69	159.69 7.87 -49.65	139.76 7.19 -44.94	106.76 6.88 -12.79	95.98 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.05 -18.14	76.80 5.62 0.00	143.11 6.22 -58.20	152.12 7.24 -57.62	169.82 7.34 -75.13	145.99 6.55 -59.55	137.78 8.68 -19.18	124.94 8.02 -2.28	100.34 6.04 0.00	91.42 4.57 -11.89
EAST_RIVER___2 323559	108.20 5.93 -0.01	99.76 5.02 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.79 5.99 -4.21	159.39 4.79 -85.15	198.29 6.36 -103.69	159.79 7.97 -49.65	139.84 7.27 -44.94	106.85 6.97 -12.79	96.08 6.98 -1.83	82.97 5.93 -1.13	76.95 5.57 0.00	89.79 5.12 -18.14	76.87 5.70 0.00	143.19 6.30 -58.20	152.21 7.33 -57.62	169.90 7.42 -75.13	145.99 6.55 -59.55	137.78 8.68 -19.18	124.94 8.02 -2.28	100.24 5.94 0.00	91.27 4.42 -11.89
EAST___DELAWARE_HYD 23607	107.69 5.42 -0.01	99.48 4.74 0.00	96.51 4.51 0.00	98.55 4.60 0.00	105.08 5.19 -0.01	106.86 5.99 -4.28	151.84 4.65 -77.74	188.82 5.91 -94.66	154.34 6.85 -45.32	134.53 5.87 -41.03	104.08 5.31 -11.68	94.34 5.41 -1.67	81.34 4.40 -1.03	75.51 4.14 0.00	86.94 3.86 -16.56	75.66 4.49 0.00	137.02 5.19 -53.13	146.15 6.29 -52.60	162.49 6.55 -68.59	140.09 5.83 -54.37	135.12 7.69 -17.51	123.93 7.11 -2.19	99.67 5.37 0.00	90.56 4.04 -11.56
EIGHT_POINT___WT_PWR 323820	94.29 -7.98 0.00	87.64 -7.11 0.00	85.66 -6.35 0.00	88.40 -5.54 0.00	94.39 -5.49 0.00	93.29 -4.34 -1.04	84.77 -2.15 -17.47	79.58 -3.62 5.04	94.17 -5.00 3.00	81.02 -4.47 2.14	81.12 -5.32 0.65	82.07 -5.06 0.13	71.11 -4.71 0.10	67.23 -4.14 0.00	61.77 -3.92 0.82	67.22 -3.91 0.04	71.70 -4.10 2.90	79.95 -4.10 3.21	121.08 -4.45 -38.19	114.13 -4.64 -38.87	88.76 -7.36 13.80	41.45 -8.94 64.24	40.40 -8.02 45.88	69.30 -6.67 -1.02
ELBRIDGE_115KV_TB2 80188	100.01 -2.25 0.00	92.57 -2.18 0.00	89.89 -2.12 0.00	91.69 -2.25 0.00	97.48 -2.40 0.00	94.86 -1.84 -0.10	77.71 -0.90 -9.16	97.81 -1.59 -11.15	105.37 -2.15 -5.34	90.71 -1.75 -4.83	86.20 -2.26 -1.38	85.28 -2.18 -0.20	73.98 -2.05 -0.12	69.52 -1.86 0.00	66.74 -1.73 -1.95	69.47 -1.71 0.00	82.91 -2.05 -6.26	91.45 -2.01 -6.20	93.51 -1.92 -8.08	84.46 -1.84 -6.41	109.13 -2.86 -2.06	111.43 -3.21 0.00	91.37 -2.92 0.00	73.12 -2.55 -0.71
ELEC_TRO_TEK 24086	109.82 7.16 -0.40	101.00 6.25 0.00	98.86 5.89 -0.96	99.77 5.82 0.00	106.48 6.59 -0.01	126.43 7.24 -22.59	160.07 5.49 -85.12	199.05 7.15 -103.66	160.28 8.48 -49.63	140.09 7.54 -44.93	107.10 7.23 -12.79	96.51 7.42 -1.83	84.23 6.38 -1.94	80.00 6.00 -2.63	95.16 5.52 -23.12	116.70 6.12 -39.40	143.49 6.61 -58.18	178.86 7.85 -83.75	187.97 8.04 -92.59	154.28 7.19 -67.19	148.24 9.56 -28.76	131.91 9.17 -8.11	108.08 6.98 -6.80	98.89 5.32 -18.61

ELLENBURG_WT_PWR 323604	100.32 -1.95 0.00	93.22 -1.52 0.00	90.63 -1.38 0.00	92.16 -1.79 0.00	98.08 -1.79 0.00	94.37 -2.22 0.00	67.93 -1.53 0.00	86.74 -1.50 0.00	100.13 -2.04 0.00	85.88 -1.75 0.00	86.05 -1.04 0.00	86.22 -1.04 0.00	75.30 -0.61 0.00	70.73 -0.64 0.00	66.06 -0.46 0.00	70.61 -0.57 0.00	78.69 0.00 0.00	86.83 -0.43 0.00	86.74 -0.61 0.00	79.09 -0.80 0.00	108.93 -0.99 0.00	113.95 -0.68 0.00	94.30 0.00 0.00	75.78 0.83 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	93.06 -9.20 0.00	86.22 -8.53 0.00	84.46 -7.54 0.00	86.34 -7.61 0.00	91.89 -7.99 0.00	89.60 -7.15 -0.15	77.67 -5.49 -13.70	85.21 -8.91 -5.87	93.61 -11.14 -2.57	81.34 -8.85 -2.57	77.96 -9.84 -0.71	77.92 -9.42 -0.09	67.61 -8.35 -0.05	63.81 -7.57 0.00	60.26 -7.32 -1.05	63.47 -7.69 0.02	72.37 -9.60 -3.28	80.18 -10.30 -3.21	68.11 -9.96 9.28	65.57 -8.95 5.37	63.47 -13.63 32.82	55.26 -13.99 45.39	64.15 -11.32 18.83	66.24 -9.07 -0.36
EMPIRE_CC_1 323656	106.68 4.39 -0.02	98.63 3.89 0.00	95.69 3.68 0.00	97.71 3.76 0.00	104.00 4.10 -0.02	111.54 4.45 -10.51	172.79 3.05 -100.29	213.80 3.44 -122.12	165.13 4.49 -58.47	144.68 4.12 -52.93	106.33 4.18 -15.06	93.61 4.19 -2.15	80.81 3.57 -1.33	74.73 3.36 0.00	91.02 3.13 -21.37	74.52 3.35 0.00	150.55 3.30 -68.55	158.87 3.75 -67.86	179.42 3.58 -88.49	153.38 -3.35 -70.14	137.02 4.51 -22.59	123.52 4.93 -3.96	98.26 3.96 0.00	101.13 3.15 -23.03
EMPIRE_CC_2 323658	106.68 4.39 -0.02	98.63 3.89 0.00	95.69 3.68 0.00	97.71 3.76 0.00	104.00 4.10 -0.02	111.54 4.45 -10.51	172.79 3.05 -100.29	213.80 3.44 -122.12	165.13 4.49 -58.47	144.68 4.12 -52.93	106.33 4.18 -15.06	93.61 4.19 -2.15	80.81 3.57 -1.33	74.73 3.36 0.00	91.02 3.13 -21.37	74.52 3.35 0.00	150.55 3.30 -68.55	158.87 3.75 -67.86	179.42 3.58 -88.49	153.38 3.35 -70.14	137.02 4.51 -22.59	123.52 4.93 -3.96	98.26 3.96 0.00	101.13 3.15 -23.03
ENORWICH_115KV_TB1 80156	109.22 6.95 -0.01	101.28 6.54 0.00	98.35 6.35 0.00	100.71 6.76 0.00	107.77 7.89 -0.01	107.67 8.60 -2.48	102.92 7.15 -26.31	146.20 9.18 -48.78	136.32 10.42 -23.73	116.36 7.62 -21.11	99.92 6.79 -6.04	94.69 6.54 -0.89	81.40 4.93 -0.56	76.02 4.64 0.00	79.48 4.46 -8.50	77.04 5.84 -0.03	113.21 7.08 -27.43	124.11 8.81 -28.03	135.42 8.91 -39.16	113.31 7.27 -26.15	163.99 8.79 -45.28	182.56 7.68 -60.25	129.08 5.56 -29.22	85.60 3.97 -6.67
ERIE_ST__34_KV_TB1-2 80199	94.59 -7.67 0.00	87.54 -7.20 0.00	85.75 -6.26 0.00	87.75 -6.20 0.00	93.38 -6.49 0.00	89.80 -6.95 -0.16	77.96 -5.76 -14.27	85.88 -8.38 -6.02	95.86 -8.99 -2.68	82.28 -7.97 -2.63	79.89 -7.93 -0.73	79.32 -8.03 -0.09	69.05 -6.91 -0.05	64.95 -6.42 0.00	61.34 -6.25 -1.08	64.82 -6.33 0.02	75.04 -7.00 -3.35	83.48 -7.07 -3.29	73.47 -6.73 7.16	70.38 -6.07 3.45	68.05 -9.67 32.20	59.02 -9.97 45.64	66.49 -8.11 19.70	68.80 -6.52 -0.37
ERIE_WT_PWR 323693	93.67 -8.59 0.00	86.79 -7.96 0.00	85.01 -7.00 0.00	87.47 -6.48 0.00	92.59 -7.29 0.00	89.89 -6.86 -0.16	78.15 -5.35 -14.04	85.56 -8.56 -5.87	94.21 -10.52 -2.56	81.78 -8.41 -2.56	78.57 -9.23 -0.71	78.45 -8.90 -0.09	68.06 -7.90 -0.05	64.24 -7.14 0.00	60.59 -6.98 -1.05	63.83 -7.33 0.02	73.16 -8.81 -3.28	81.22 -9.25 -3.21	69.45 -9.09 8.82	66.96 -8.07 4.87	64.01 -12.53 33.37	55.56 -12.84 46.24	64.33 -10.47 19.49	67.14 -8.17 -0.36
ESPRGFLD_115KV_TB1 80157	107.03 4.70 -0.06	98.91 4.17 0.00	96.05 4.05 0.00	98.18 4.23 0.00	104.83 4.89 -0.06	126.18 5.31 -24.28	73.83 4.38 0.00	93.80 5.56 0.00	108.41 6.23 0.00	91.66 4.03 0.00	90.23 3.14 0.00	89.97 2.71 0.00	78.11 2.20 0.00	73.52 2.14 0.00	68.72 2.20 0.00	74.02 2.85 0.00	83.02 4.33 0.00	92.76 5.50 0.00	93.03 5.68 0.00	84.85 4.95 0.00	116.08 6.16 0.00	127.44 5.73 -7.08	98.64 4.34 0.00	117.49 3.07 -39.46
ETNA_115_KV_TB1_REV_LBMP_C 345029	103.08 0.82 0.00	95.31 0.57 0.00	92.56 0.55 0.00	94.61 0.66 0.00	100.68 0.80 0.00	99.26 1.45 -1.22	89.95 1.60 -18.90	154.25 1.76 -64.24	135.48 1.63 -31.67	116.53 1.14 -27.77	95.50 0.44 -7.97	88.98 0.52 -1.20	76.83 0.15 -0.76	71.59 0.21 0.00	77.94 0.27 -11.15	71.88 0.64 -0.07	115.73 0.87 -36.17	125.64 1.40 -36.99	141.66 1.48 -52.82	111.91 1.20 -30.81	210.53 1.21 -99.40	260.57 0.69 -145.25	166.32 0.09 -71.93	80.52 -0.22 -5.79
ETNA____115KV_TB2 80207	103.08 0.82 0.00	95.31 0.57 0.00	92.56 0.55 0.00	94.61 0.66 0.00	100.68 0.80 0.00	99.26 1.45 -1.22	89.95 1.60 -18.90	154.25 1.76 -64.24	135.48 1.63 -31.67	116.53 1.14 -27.77	95.50 0.44 -7.97	88.98 0.52 -1.20	76.83 0.15 -0.76	71.59 0.21 0.00	77.94 0.27 -11.15	71.88 0.64 -0.07	115.73 0.87 -36.17	125.64 1.40 -36.99	141.66 1.48 -52.82	111.91 1.20 -30.81	210.53 1.21 -99.40	260.57 0.69 -145.25	166.32 0.09 -71.93	80.52 -0.22 -5.79
EUCLID____115KV_TB2 356179	99.50 -2.76 0.00	92.09 -2.65 0.00	89.43 -2.58 0.00	91.32 -2.63 0.00	97.08 -2.80 0.00	94.55 -2.13 -0.08	75.48 -1.18 -7.20	95.07 -1.94 -8.77	103.82 -2.55 -4.20	89.33 -2.10 -3.80	85.65 -2.53 -1.08	84.97 -2.44 -0.15	73.73 -2.28 -0.10	69.38 -2.00 0.00	66.19 -1.86 -1.53	69.26 -1.92 0.00	81.26 -2.36 -4.92	89.78 -2.36 -4.87	91.35 -2.36 -6.35	82.77 -2.16 -5.04	108.25 -3.30 -1.62	110.97 -3.67 0.00	91.09 -3.21 0.00	72.74 -2.77 -0.56
E_CANADA_CAP_HY 24051	108.68 6.34 -0.08	100.33 5.59 0.00	97.43 5.43 0.00	99.58 5.64 0.00	106.36 6.40 -0.08	136.11 6.66 -32.86	196.66 5.42 -121.79	243.25 6.70 -148.30	180.63 7.45 -71.01	156.29 4.38 -64.28	108.43 3.05 -18.29	92.24 2.36 -2.62	79.50 1.97 -1.61	73.37 2.00 0.00	94.80 2.33 -25.95	74.17 2.99 0.00	166.98 5.04 -83.24	176.22 6.55 -82.41	201.63 6.82 -107.46	171.06 5.99 -85.17	145.04 7.69 -27.43	131.16 7.56 -8.96	100.34 6.04 0.00	139.92 4.35 -60.62
E_CANADA_MHWK_HY 24050	106.36 4.09 0.00	98.54 3.79 0.00	95.87 3.86 0.00	98.08 4.13 0.00	104.67 4.79 0.00	101.51 4.92 0.00	73.27 3.82 0.00	93.36 5.12 0.00	108.41 6.23 0.00	93.24 5.61 0.00	93.09 6.00 0.00	93.37 6.11 0.00	81.08 5.16 0.00	76.30 4.92 0.00	71.05 4.53 0.00	76.52 5.34 0.00	84.91 6.22 0.00	94.42 7.16 0.00	94.42 7.07 0.00	85.96 6.07 0.00	117.40 7.48 0.00	121.86 7.23 0.00	100.42 6.13 0.00	79.76 4.80 0.00
E_FISHKILL____LBMP 23776	107.79 5.52 -0.01	99.48 4.74 0.00	96.42 4.42 0.00	98.36 4.42 0.00	104.88 4.99 -0.01	106.48 5.60 -4.28	160.67 4.31 -86.91	199.64 5.56 -105.83	159.49 6.64 -50.67	139.46 5.96 -45.87	105.89 5.75 -13.05	94.89 5.76 -1.87	82.00 4.93 -1.15	75.94 4.57 0.00	89.30 4.26 -18.52	75.87 4.70 0.00	143.29 5.19 -59.40	152.09 6.02 -58.81	170.24 6.20 -76.68	146.19 5.51 -60.78	136.86 7.36 -19.58	123.95 6.99 -2.33	99.58 5.28 0.00	91.12 4.05 -12.12
FALCON____SEABRD_CC1 323796	100.83 -1.43 0.00	93.70 -1.04 0.00	91.26 -0.74 0.00	92.63 -1.32 0.00	98.58 -1.30 0.00	95.04 -1.55 0.00	68.69 -0.76 0.00	87.63 -0.61 0.00	101.05 -1.12 0.00	86.58 -1.05 0.00	86.74 -0.35 0.00	86.91 -0.35 0.00	75.99 0.08 0.00	71.31 -0.07 0.00	66.66 0.13 0.00	71.25 0.07 0.00	79.40 0.71 0.00	87.61 0.35 0.00	87.52 0.18 0.00	79.81 -0.08 0.00	109.81 -0.11 0.00	114.64 0.00 0.00	94.87 0.57 0.00	76.83 1.87 0.00

FALCON___SEABRD_CC2 323797	100.83 -1.43 0.00	93.70 -1.04 0.00	91.26 -0.74 0.00	92.63 -1.32 0.00	98.58 -1.30 0.00	95.04 -1.55 0.00	68.69 -0.76 0.00	87.63 -0.61 0.00	101.05 -1.12 0.00	86.58 -1.05 0.00	86.74 -0.35 0.00	86.91 -0.35 0.00	75.99 0.08 0.00	71.31 -0.07 0.00	66.66 0.13 0.00	71.25 0.07 0.00	79.40 0.71 0.00	87.61 0.35 0.00	87.52 0.18 0.00	79.81 -0.08 0.00	109.81 -0.11 0.00	114.64 0.00 0.00	94.87 0.57 0.00	76.83 1.87 0.00
FAR ROCKAWAY___4 23548	111.05 8.39 -0.40	102.04 7.30 0.00	99.96 6.99 -0.96	100.90 6.95 0.00	107.58 7.69 -0.01	127.58 8.40 -22.59	160.55 5.97 -85.12	199.76 7.85 -103.66	161.00 9.20 -49.63	140.71 8.15 -44.93	107.97 8.10 -12.79	97.38 8.29 -1.83	85.07 7.21 -1.94	80.71 6.71 -2.63	95.89 6.25 -23.12	117.41 6.83 -39.40	143.96 7.08 -58.18	179.65 8.64 -83.75	188.85 8.91 -92.59	154.99 7.91 -67.19	149.12 10.44 -28.76	133.29 10.55 -8.11	109.12 8.02 -6.80	99.72 6.15 -18.61
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	108.41 6.14 -0.01	99.96 5.21 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.98 6.18 -4.21	159.47 4.86 -85.15	198.29 6.35 -103.69	159.69 7.87 -49.65	139.67 7.10 -44.94	106.76 6.88 -12.79	95.99 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.11 6.22 -58.20	152.12 7.24 -57.62	169.82 7.34 -75.13	145.99 6.55 -59.55	137.78 8.68 -19.18	125.06 8.14 -2.28	100.33 6.04 0.00	91.42 4.57 -11.89
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	108.41 6.14 -0.01	99.96 5.21 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.98 6.18 -4.21	159.47 4.86 -85.15	198.29 6.35 -103.69	159.69 7.87 -49.65	139.67 7.10 -44.94	106.76 6.88 -12.79	95.99 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.11 6.22 -58.20	152.12 7.24 -57.62	169.82 7.34 -75.13	145.99 6.55 -59.55	137.78 8.68 -19.18	125.06 8.14 -2.28	100.33 6.04 0.00	91.42 4.57 -11.89
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	108.30 6.03 -0.01	99.86 5.12 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.15	198.29 6.35 -103.69	159.58 7.77 -49.65	139.67 7.10 -44.94	106.67 6.79 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.80 5.42 0.00	89.65 4.99 -18.14	76.73 5.55 0.00	143.03 6.14 -58.20	152.04 7.16 -57.62	169.73 7.25 -75.13	145.91 6.47 -59.55	137.67 8.57 -19.18	124.94 8.02 -2.28	100.24 5.94 0.00	91.34 4.50 -11.89
FARRAGUT___LBMP 323566	108.30 6.03 -0.01	99.86 5.12 0.00	96.70 4.69 0.00	98.64 4.70 0.00	105.18 5.29 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.15	198.20 6.27 -103.69	159.48 7.66 -49.65	139.58 7.01 -44.94	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.20	151.95 7.07 -57.62	169.73 7.25 -75.13	145.91 6.47 -59.55	137.56 8.46 -19.18	124.83 7.91 -2.28	100.24 5.94 0.00	91.34 4.50 -11.89
FENNER___WINDPWR 24204	104.20 1.94 0.00	96.45 1.71 0.00	93.66 1.66 0.00	95.73 1.78 0.00	101.87 2.00 0.00	99.12 2.42 -0.11	81.77 2.16 -10.16	111.06 2.56 -20.25	114.80 2.76 -9.87	98.49 2.10 -8.76	91.34 1.74 -2.51	89.29 1.65 -0.37	77.29 1.14 -0.23	72.51 1.14 0.00	71.11 1.06 -3.53	72.61 1.42 -0.01	91.66 1.57 -11.39	100.83 2.09 -11.48	104.66 2.18 -15.12	91.60 1.84 -9.87	131.78 2.08 -19.78	143.56 1.72 -27.20	109.18 1.14 -13.74	77.00 0.75 -1.30
FIBERTEK___ENERGY 23856	100.63 -1.64 0.00	93.13 -1.61 0.00	90.35 -1.66 0.00	91.88 -2.07 0.00	97.48 -2.40 0.00	94.95 -1.74 -0.10	77.33 -0.76 -8.64	97.35 -1.41 -10.52	105.17 -2.04 -5.04	90.61 -1.58 -4.56	86.21 -2.18 -1.30	85.44 -2.01 -0.19	74.05 -1.97 -0.11	69.66 -1.71 0.00	66.77 -1.60 -1.84	69.61 -1.57 0.00	82.71 -1.89 -5.91	91.28 -1.83 -5.85	93.23 -1.75 -7.62	84.26 -1.68 -6.04	109.23 -2.64 -1.95	111.54 -3.10 0.00	91.47 -2.83 0.00	73.23 -2.40 -0.67
FITZPATRICK___ 23598	98.06 -4.20 0.00	90.86 -3.89 0.00	88.23 -3.78 0.00	90.19 -3.76 0.00	95.78 -4.10 0.00	93.08 -3.57 -0.06	72.24 -2.29 -5.08	91.17 -3.26 -6.19	101.04 -4.09 -2.96	86.89 -3.42 -2.68	84.20 -3.65 -0.76	83.79 -3.58 -0.11	72.72 -3.26 -0.07	68.38 -3.00 0.00	64.81 -2.79 -1.08	68.26 -2.92 0.00	78.78 -3.38 -3.47	87.12 -3.58 -3.44	88.25 -3.59 -4.48	80.17 -3.28 -3.55	106.23 -4.83 -1.14	109.48 -5.16 0.00	89.96 -4.34 0.00	71.83 -3.52 -0.39
FLOWRFLD_69_KV_BK1 356044	112.17 9.51 -0.40	103.08 8.34 0.00	101.06 8.10 -0.96	101.93 7.99 0.00	108.77 8.89 -0.01	128.84 9.66 -22.59	161.87 7.29 -85.12	201.43 9.53 -103.66	162.74 10.93 -49.63	142.20 9.64 -44.93	108.93 9.06 -12.79	98.17 9.08 -1.83	85.67 7.82 -1.94	81.28 7.28 -2.63	96.43 6.79 -23.12	118.48 7.90 -39.40	145.22 8.34 -58.18	180.87 9.86 -83.75	189.89 9.96 -92.59	156.35 9.27 -67.19	150.77 12.09 -28.76	134.43 11.69 -8.11	110.25 9.15 -6.80	100.61 7.05 -18.61
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	109.02 6.75 -0.01	100.62 5.87 0.00	97.62 5.61 0.00	99.68 5.73 0.00	106.28 6.39 -0.01	107.96 7.05 -4.32	160.35 5.42 -85.47	199.30 6.97 -104.08	160.18 8.17 -49.83	139.93 7.19 -45.12	106.63 6.71 -12.84	95.99 6.89 -1.84	82.81 5.77 -1.13	76.73 5.35 0.00	89.72 4.99 -18.21	76.80 5.62 0.00	143.41 6.30 -58.42	152.52 7.42 -57.84	170.45 7.69 -75.42	146.54 6.87 -59.78	138.30 9.12 -19.25	125.66 8.71 -2.31	100.99 6.70 0.00	92.07 5.02 -12.09
FORT ORANGE___ 23900	106.50 4.19 -0.04	98.63 3.89 0.00	95.69 3.68 0.00	97.71 3.76 0.00	103.92 4.00 -0.04	117.48 3.96 -16.93	175.02 2.16 -103.41	216.55 2.38 -125.92	165.53 3.06 -60.29	144.66 2.45 -54.58	105.58 2.96 -15.53	92.62 3.14 -2.22	79.71 2.43 -1.37	73.80 2.43 0.00	90.75 2.19 -22.03	73.39 2.21 0.00	151.34 1.97 -70.68	159.32 2.09 -69.97	180.68 2.09 -91.24	154.05 1.84 -72.32	135.85 2.63 -23.29	122.86 2.75 -5.48	97.12 2.83 0.00	111.60 3.00 -33.64
FORT_DRUM_COGEN 23780	104.51 2.25 0.00	96.83 2.08 0.00	93.84 1.84 0.00	95.73 1.78 0.00	102.37 2.50 0.00	99.44 2.80 -0.05	76.40 2.71 -4.24	97.20 3.79 -5.16	108.83 4.19 -2.47	92.49 2.63 -2.24	90.16 2.44 -0.64	89.27 1.92 -0.09	77.34 1.37 -0.06	72.73 1.36 0.00	68.82 1.40 -0.90	73.03 1.85 0.00	83.71 2.12 -2.89	93.18 3.05 -2.87	94.41 3.32 -3.74	85.49 2.64 -2.96	113.84 2.97 -0.95	116.81 2.18 0.00	95.71 1.41 0.00	76.41 1.12 -0.33
FOX_HILLS___ESR 323835	110.51 6.14 -2.11	56.15 5.02 43.62	56.03 4.60 40.57	56.14 4.51 42.31	56.07 5.09 48.90	56.34 5.80 46.05	199.08 4.51 -125.11	279.03 6.00 -184.79	233.59 7.56 -123.86	222.84 6.83 -128.38	146.91 6.71 -53.12	131.30 6.81 -37.23	62.10 5.77 19.58	62.07 5.35 14.66	119.73 4.92 -48.28	113.56 5.62 -36.76	181.77 6.22 -96.86	216.81 7.33 -122.22	253.70 7.51 -158.84	208.25 6.71 -121.64	179.07 8.79 -60.35	158.83 7.91 -36.28	127.72 6.04 -27.39	92.83 4.72 -13.15
FPL FAR_ROCK_GT1 24212	111.05 8.39 -0.40	102.04 7.30 0.00	99.96 6.99 -0.96	100.72 6.77 0.00	107.58 7.69 -0.01	127.58 8.40 -22.59	160.55 5.97 -85.12	199.75 7.85 -103.66	160.89 9.09 -49.63	140.89 8.33 -44.93	107.98 8.10 -12.79	97.39 8.29 -1.83	85.07 7.22 -1.94	80.71 6.71 -2.63	95.83 6.19 -23.12	117.34 6.77 -39.40	143.96 7.09 -58.18	179.65 8.64 -83.75	188.85 8.91 -92.59	155.00 7.91 -67.19	149.23 10.55 -28.76	132.71 9.97 -8.11	109.11 8.01 -6.80	99.72 6.15 -18.61

FPL FAR_ROCK_GT2 23815	111.05 8.39 -0.40	102.04 7.30 0.00	99.96 6.99 -0.96	100.72 6.77 0.00	107.58 7.69 -0.01	127.58 8.40 -22.59	160.55 5.97 -85.12	199.75 7.85 -103.66	160.89 9.09 -49.63	140.89 8.33 -44.93	107.98 8.10 -12.79	97.39 8.29 -1.83	85.07 7.22 -1.94	80.71 6.71 -2.63	95.83 6.19 -23.12	117.34 6.77 -39.40	143.96 7.09 -58.18	179.65 8.64 -83.75	188.85 8.91 -92.59	155.00 7.91 -67.19	149.23 10.55 -28.76	132.71 9.97 -8.11	109.11 8.01 -6.80	99.72 6.15 -18.61
FRANKLIN_FALL_HYD 24054	102.26 0.00 0.00	95.12 0.38 0.00	92.74 0.74 0.00	94.14 0.19 0.00	99.88 0.00 0.00	96.20 -0.39 0.00	69.66 0.21 0.00	88.86 0.62 0.00	102.38 0.20 0.00	87.71 0.09 0.00	87.79 0.70 0.00	87.70 0.44 0.00	76.75 0.84 0.00	72.02 0.64 0.00	67.32 0.80 0.00	71.75 0.57 0.00	79.95 1.26 0.00	88.40 1.13 0.00	88.31 0.96 0.00	80.61 0.72 0.00	110.47 0.55 0.00	115.44 0.80 0.00	95.62 1.32 0.00	77.20 2.25 0.00
FREEPORT_EQUS_GT1 23764	110.03 7.37 -0.40	101.09 6.35 0.00	99.04 6.07 -0.96	99.77 5.83 0.00	106.58 6.69 -0.01	126.62 7.44 -22.59	160.20 5.62 -85.12	199.32 7.41 -103.66	160.48 8.68 -49.63	140.53 7.97 -44.93	107.19 7.32 -12.79	96.86 7.76 -1.83	84.61 6.75 -1.94	80.35 6.35 -2.63	95.50 5.86 -23.12	116.84 6.27 -39.40	143.72 6.84 -58.18	178.95 7.94 -83.75	188.06 8.12 -92.59	154.35 7.27 -67.19	148.68 10.00 -28.76	132.25 9.51 -8.11	108.26 7.16 -6.80	99.04 5.47 -18.61
FREEPORT___CT2 23818	110.03 7.37 -0.40	101.09 6.35 0.00	99.04 6.07 -0.96	99.77 5.83 0.00	106.58 6.69 -0.01	126.62 7.44 -22.59	160.20 5.62 -85.12	199.32 7.41 -103.66	160.48 8.68 -49.63	140.53 7.97 -44.93	107.19 7.32 -12.79	96.86 7.76 -1.83	84.61 6.75 -1.94	80.35 6.35 -2.63	95.50 5.86 -23.12	116.84 6.27 -39.40	143.72 6.84 -58.18	178.95 7.94 -83.75	188.06 8.12 -92.59	154.35 7.27 -67.19	148.68 10.00 -28.76	132.25 9.51 -8.11	108.26 7.16 -6.80	99.04 5.47 -18.61
FRESHKLS_33_KV_LOAD 356253	110.10 5.73 -2.11	55.86 4.74 43.62	55.76 4.32 40.57	55.86 4.23 42.31	55.78 4.79 48.90	56.05 5.51 46.05	198.94 4.38 -125.11	278.77 5.74 -184.79	233.29 7.25 -123.86	222.58 6.57 -128.38	146.65 6.44 -53.12	131.04 6.54 -37.23	61.80 5.47 19.58	61.85 5.14 14.66	119.53 4.72 -48.28	113.35 5.41 -36.76	181.61 6.06 -96.86	216.63 7.16 -122.22	253.53 7.34 -158.84	208.09 6.55 -121.64	178.85 8.57 -60.35	158.60 7.68 -36.28	127.44 5.75 -27.39	92.60 4.50 -13.15
FULTON COGEN____ 23766	99.50 -2.76 0.00	92.00 -2.75 0.00	89.34 -2.67 0.00	91.22 -2.72 0.00	96.98 -2.90 0.00	94.35 -2.32 -0.08	75.02 -1.18 -6.75	94.52 -1.94 -8.22	103.55 -2.55 -3.93	89.09 -2.10 -3.56	85.49 -2.61 -1.01	84.88 -2.53 -0.15	73.65 -2.35 -0.09	69.24 -2.14 0.00	66.03 -1.93 -1.44	69.18 -1.99 0.00	80.95 -2.36 -4.61	89.47 -2.36 -4.57	91.03 -2.27 -5.95	82.46 -2.16 -4.72	108.25 -3.19 -1.52	110.97 -3.67 0.00	91.00 -3.30 0.00	72.63 -2.85 -0.52
FULTON___LFGE 323630	109.92 7.57 -0.09	101.47 6.73 0.00	98.44 6.44 0.00	100.72 6.77 0.00	107.46 7.49 -0.09	140.11 7.73 -35.79	191.65 6.11 -116.08	237.10 7.50 -141.36	178.33 8.48 -67.68	154.33 5.43 -61.27	108.79 4.27 -17.44	93.51 3.75 -2.49	80.56 3.11 -1.54	74.37 3.00 0.00	94.45 3.19 -24.73	75.16 3.98 0.00	164.02 5.98 -79.35	173.32 7.51 -78.55	197.55 7.77 -102.43	168.02 6.95 -81.18	145.08 9.02 -26.15	133.43 9.05 -9.74	101.37 7.08 0.00	145.17 5.17 -65.04
G.F.CEMENT___DRP 24184	111.35 9.00 -0.09	102.70 7.96 0.00	99.73 7.73 0.00	101.93 7.99 0.00	108.76 8.79 -0.09	141.40 8.89 -35.92	182.29 5.49 -107.35	225.77 6.79 -130.73	172.84 8.07 -62.59	150.34 6.05 -56.66	108.96 5.75 -16.12	94.98 5.41 -2.31	81.74 4.40 -1.42	75.52 4.14 0.00	93.45 4.06 -22.87	75.95 4.77 0.00	157.97 5.90 -73.38	166.88 6.98 -72.64	189.15 7.08 -94.72	161.20 6.23 -75.08	142.46 8.35 -24.18	135.19 10.66 -9.90	102.60 8.30 0.00	145.99 6.30 -64.74
GARDENVILLE___LBMP 24039	93.36 -8.90 0.00	86.50 -8.24 0.00	84.83 -7.18 0.00	86.71 -7.23 0.00	92.29 -7.59 0.00	89.79 -6.95 -0.16	78.00 -5.42 -13.96	85.36 -8.65 -5.77	94.06 -10.63 -2.51	81.65 -8.50 -2.52	78.38 -9.41 -0.70	78.27 -9.08 -0.08	67.91 -8.05 -0.04	64.10 -7.28 0.00	60.50 -7.05 -1.03	63.83 -7.33 0.02	72.86 -9.05 -3.22	80.72 -9.69 -3.15	66.92 -9.43 10.99	64.74 -8.47 6.69	61.61 -12.97 35.34	53.66 -13.30 47.68	64.01 -10.75 19.54	66.61 -8.69 -0.35
GARDNVLA_35_KV_LD 355827	93.77 -8.49 0.00	86.88 -7.86 0.00	85.10 -6.90 0.00	87.09 -6.86 0.00	92.59 -7.29 0.00	89.99 -6.76 -0.16	78.25 -5.28 -14.07	85.69 -8.47 -5.92	94.59 -10.22 -2.63	81.89 -8.32 -2.58	78.66 -9.14 -0.72	78.62 -8.73 -0.09	68.22 -7.74 -0.05	64.38 -6.99 0.00	60.80 -6.79 -1.06	64.04 -7.12 0.02	73.18 -8.81 -3.30	81.24 -9.25 -3.23	70.35 -9.00 8.00	67.64 -8.07 4.19	64.86 -12.42 32.64	56.09 -12.84 45.71	64.45 -10.37 19.48	67.00 -8.32 -0.36
GELCKHM___115KV_LOAD 80723	100.01 -2.25 0.00	92.47 -2.27 0.00	89.80 -2.21 0.00	91.50 -2.44 0.00	97.18 -2.70 0.00	94.65 -2.03 -0.09	76.14 -1.04 -7.73	95.89 -1.76 -9.41	104.33 -2.35 -4.50	89.86 -1.84 -4.08	85.90 -2.35 -1.16	85.16 -2.27 -0.17	73.89 -2.13 -0.10	69.45 -1.93 0.00	66.37 -1.80 -1.65	69.40 -1.78 0.00	81.77 -2.20 -5.28	90.31 -2.18 -5.23	92.07 -2.10 -6.82	83.30 -2.00 -5.40	108.58 -3.08 -1.74	111.20 -3.44 0.00	91.19 -3.11 0.00	72.93 -2.62 -0.60
GENERAL___MILLS 23808	93.67 -8.59 0.00	86.79 -7.96 0.00	85.01 -6.99 0.00	86.90 -7.05 0.00	92.49 -7.39 0.00	89.89 -6.86 -0.16	78.15 -5.35 -14.04	85.55 -8.56 -5.87	94.41 -10.32 -2.56	81.78 -8.41 -2.56	78.57 -9.23 -0.71	78.45 -8.90 -0.09	68.14 -7.82 -0.05	64.24 -7.14 0.00	60.66 -6.92 -1.05	63.97 -7.19 0.02	73.08 -8.89 -3.28	81.13 -9.34 -3.21	69.45 -9.08 8.82	66.88 -8.15 4.87	64.02 -12.53 33.37	55.44 -12.95 46.24	64.34 -10.47 19.49	66.92 -8.40 -0.36
GE_PLASTICS___DRP 24183	105.87 3.58 -0.03	97.97 3.22 0.00	95.04 3.04 0.00	97.05 3.10 0.00	103.21 3.30 -0.03	113.83 3.38 -13.85	175.08 2.29 -103.33	216.81 2.74 -125.83	165.79 3.37 -60.25	145.15 2.98 -54.54	105.75 3.14 -15.52	92.71 3.23 -2.22	80.01 2.73 -1.37	74.02 2.64 0.00	90.93 2.39 -22.02	73.67 2.49 0.00	151.69 2.36 -70.63	159.71 2.53 -69.92	181.06 2.53 -91.18	154.48 2.32 -72.27	136.38 3.19 -23.28	122.62 3.21 -4.77	97.22 2.92 0.00	106.07 2.47 -28.64
GILBOA___1 23756	105.54 3.27 -0.01	97.49 2.75 0.00	94.67 2.67 0.00	96.57 2.63 0.00	102.88 2.99 -0.01	102.90 3.38 -2.93	153.95 2.43 -82.06	191.08 2.91 -99.93	153.59 3.57 -47.85	134.27 3.33 -43.31	102.55 3.13 -12.33	92.16 3.14 -1.76	79.96 2.96 -1.09	74.16 2.78 0.00	86.60 2.59 -17.48	73.74 2.56 0.00	137.61 2.83 -56.09	145.67 2.88 -55.53	162.63 2.88 -72.41	140.08 2.79 -57.39	132.14 3.74 -18.48	120.36 3.78 -1.95	97.22 2.93 0.00	86.84 2.25 -9.64
GILBOA___2 23757	105.54 3.27 -0.01	97.49 2.75 0.00	94.67 2.67 0.00	96.57 2.63 0.00	102.88 2.99 -0.01	102.90 3.38 -2.93	153.95 2.43 -82.06	191.08 2.91 -99.93	153.59 3.57 -47.85	134.27 3.33 -43.31	102.55 3.13 -12.33	92.16 3.14 -1.76	79.96 2.96 -1.09	74.16 2.78 0.00	86.60 2.59 -17.48	73.74 2.56 0.00	137.61 2.83 -56.09	145.67 2.88 -55.53	162.63 2.88 -72.41	140.08 2.79 -57.39	132.14 3.74 -18.48	120.36 3.78 -1.95	97.22 2.93 0.00	86.84 2.25 -9.64

GILBOA___3 23758	105.54 3.27 -0.01	97.49 2.75 0.00	94.67 2.67 0.00	96.57 2.63 0.00	102.88 2.99 -0.01	102.90 3.38 -2.93	153.95 2.43 -82.06	191.08 2.91 -99.93	153.59 3.57 -47.85	134.27 3.33 -43.31	102.55 3.13 -12.33	92.16 3.14 -1.76	79.96 2.96 -1.09	74.16 2.78 0.00	86.60 2.59 -17.48	73.74 2.56 0.00	137.61 2.83 -56.09	145.67 2.88 -55.53	162.63 2.88 -72.41	140.08 2.79 -57.39	132.14 3.74 -18.48	120.36 3.78 -1.95	97.22 2.93 0.00	86.84 2.25 -9.64
GILBOA___4 23759	105.54 3.27 -0.01	97.49 2.75 0.00	94.67 2.67 0.00	96.57 2.63 0.00	102.88 2.99 -0.01	102.90 3.38 -2.93	153.95 2.43 -82.06	191.08 2.91 -99.93	153.59 3.57 -47.85	134.27 3.33 -43.31	102.55 3.13 -12.33	92.16 3.14 -1.76	79.96 2.96 -1.09	74.16 2.78 0.00	86.60 2.59 -17.48	73.74 2.56 0.00	137.61 2.83 -56.09	145.67 2.88 -55.53	162.63 2.88 -72.41	140.08 2.79 -57.39	132.14 3.74 -18.48	120.36 3.78 -1.95	97.22 2.93 0.00	86.84 2.25 -9.64
GILBOA___ 23599	105.54 3.27 -0.01	97.49 2.75 0.00	94.67 2.67 0.00	96.58 2.63 0.00	102.88 3.00 -0.01	102.91 3.38 -2.93	153.95 2.43 -82.06	191.09 2.91 -99.93	153.59 3.58 -47.85	134.27 3.33 -43.31	102.55 3.14 -12.33	92.17 3.14 -1.76	79.96 2.96 -1.09	74.16 2.78 0.00	86.60 2.59 -17.48	73.74 2.56 0.00	137.62 2.83 -56.09	145.67 2.88 -55.53	162.64 2.88 -72.41	140.00 2.72 -57.39	132.14 3.74 -18.48	120.36 3.78 -1.95	97.22 2.92 0.00	86.84 2.25 -9.64
GINNA___ 23603	93.26 -9.00 0.00	86.50 -8.24 0.00	84.28 -7.73 0.00	86.43 -7.52 0.00	91.49 -8.39 0.00	89.85 -6.86 -0.11	74.82 -4.65 -10.02	87.93 -6.88 -6.57	96.00 -9.20 -3.02	83.04 -7.45 -2.86	79.45 -8.45 -0.80	79.26 -8.11 -0.11	68.76 -7.21 -0.06	64.74 -6.64 0.00	61.57 -6.12 -1.16	64.69 -6.48 0.01	74.11 -8.26 -3.67	82.06 -8.81 -3.61	83.28 -8.65 -4.58	77.00 -7.91 -5.02	87.98 -11.65 10.28	82.82 -12.38 19.43	74.01 -10.47 9.81	66.97 -8.39 -0.41
GLEN PARK___ 23778	105.33 3.06 0.00	97.58 2.84 0.00	94.49 2.49 0.00	96.48 2.54 0.00	103.07 3.20 0.00	100.22 3.58 -0.05	77.11 3.27 -4.39	98.08 4.50 -5.34	109.63 4.90 -2.56	93.09 3.15 -2.31	90.62 2.87 -0.66	89.71 2.36 -0.09	77.64 1.67 -0.06	73.09 1.71 0.00	69.18 1.73 -0.93	73.45 2.28 0.00	84.37 2.68 -3.00	94.07 3.84 -2.97	95.33 4.11 -3.87	86.24 3.28 -3.07	114.75 3.85 -0.99	117.61 2.98 0.00	96.37 2.07 0.00	76.87 1.58 -0.34
GLENDALE_27_KV_LOAD 356172	109.02 6.75 -0.01	100.43 5.68 0.00	97.25 5.24 0.00	99.11 5.17 0.00	105.78 5.89 -0.01	107.37 6.57 -4.21	159.68 5.07 -85.16	198.56 6.62 -103.70	160.10 8.28 -49.65	140.02 7.45 -44.95	107.28 7.40 -12.79	96.51 7.42 -1.83	83.34 6.30 -1.13	77.23 5.85 0.00	90.05 5.39 -18.14	77.23 6.05 0.00	143.59 6.69 -58.21	152.65 7.77 -57.62	170.35 7.77 -75.14	146.48 7.03 -59.55	138.45 9.34 -19.18	125.52 8.60 -2.28	100.90 6.60 0.00	92.02 5.17 -11.89
GLENWOOD_IC_1_G5 23712	110.03 7.36 -0.40	101.09 6.35 0.00	99.04 6.07 -0.96	99.96 6.01 0.00	106.68 6.79 -0.01	126.62 7.44 -22.59	160.27 5.70 -85.12	199.40 7.50 -103.66	160.59 8.79 -49.63	140.44 7.89 -44.93	107.37 7.49 -12.79	96.68 7.59 -1.83	84.46 6.60 -1.94	80.14 6.14 -2.63	95.30 5.65 -23.12	116.84 6.26 -39.40	143.73 6.85 -58.18	179.21 8.20 -83.75	188.32 8.39 -92.59	154.60 7.51 -67.19	148.68 10.00 -28.76	132.26 9.51 -8.11	108.27 7.17 -6.80	99.04 5.47 -18.61
GLENWOOD_IC_2_G1 23688	110.03 7.37 -0.40	101.09 6.35 0.00	99.13 6.16 -0.96	99.87 5.92 0.00	106.68 6.80 -0.01	126.62 7.44 -22.59	160.20 5.62 -85.12	199.32 7.41 -103.66	160.48 8.68 -49.63	140.53 7.97 -44.93	107.27 7.40 -12.79	96.68 7.59 -1.83	84.38 6.53 -1.94	80.14 6.14 -2.63	95.29 5.65 -23.12	116.84 6.27 -39.40	143.72 6.84 -58.18	179.13 8.12 -83.75	188.24 8.30 -92.59	154.52 7.43 -67.19	148.58 9.90 -28.76	132.14 9.40 -8.11	108.26 7.16 -6.80	99.04 5.47 -18.61
GLENWOOD_IC_3_G1 23689	110.03 7.37 -0.40	101.09 6.35 0.00	99.13 6.16 -0.96	99.87 5.92 0.00	106.68 6.80 -0.01	126.62 7.44 -22.59	160.20 5.62 -85.12	199.32 7.41 -103.66	160.48 8.68 -49.63	140.53 7.97 -44.93	107.27 7.40 -12.79	96.68 7.59 -1.83	84.38 6.53 -1.94	80.14 6.14 -2.63	95.29 5.65 -23.12	116.84 6.27 -39.40	143.72 6.84 -58.18	179.13 8.12 -83.75	188.24 8.30 -92.59	154.52 7.43 -67.19	148.58 9.90 -28.76	132.14 9.40 -8.11	108.26 7.16 -6.80	99.04 5.47 -18.61
GLENWOOD___4 23550	110.13 7.47 -0.40	101.28 6.54 0.00	99.22 6.26 -0.96	100.05 6.11 0.00	106.78 6.89 -0.01	126.81 7.63 -22.59	160.34 5.76 -85.12	199.49 7.59 -103.66	160.69 8.89 -49.63	140.53 7.97 -44.93	107.45 7.58 -12.79	96.77 7.68 -1.83	84.53 6.68 -1.94	80.21 6.21 -2.63	95.43 5.79 -23.12	116.98 6.41 -39.40	143.80 6.93 -58.18	179.30 8.29 -83.75	188.50 8.56 -92.59	154.68 7.59 -67.19	148.79 10.11 -28.76	132.37 9.63 -8.11	108.36 7.26 -6.80	99.12 5.55 -18.61
GLENWOOD___5 23614	110.13 7.47 -0.40	101.28 6.54 0.00	99.22 6.26 -0.96	100.05 6.11 0.00	106.78 6.89 -0.01	126.81 7.63 -22.59	160.34 5.76 -85.12	199.49 7.59 -103.66	160.69 8.89 -49.63	140.53 7.97 -44.93	107.45 7.58 -12.79	96.77 7.68 -1.83	84.53 6.68 -1.94	80.21 6.21 -2.63	95.43 5.79 -23.12	116.98 6.41 -39.40	143.80 6.93 -58.18	179.30 8.29 -83.75	188.50 8.56 -92.59	154.68 7.59 -67.19	148.79 10.11 -28.76	132.37 9.63 -8.11	108.36 7.26 -6.80	99.12 5.55 -18.61
GLOBAL GREEN_PORT_GT1 23814	112.58 9.92 -0.40	103.46 8.71 0.00	101.61 8.65 -0.96	102.12 8.17 0.00	109.27 9.39 -0.01	129.52 10.34 -22.59	162.70 8.12 -85.12	202.67 10.76 -103.66	163.75 11.95 -49.63	142.98 10.42 -44.93	108.50 8.62 -12.79	97.47 8.38 -1.83	84.92 7.06 -1.94	80.71 6.71 -2.63	96.03 6.39 -23.12	118.27 7.69 -39.40	144.99 8.11 -58.18	181.39 10.38 -83.75	190.59 10.65 -92.59	157.07 9.99 -67.19	151.10 12.42 -28.76	134.09 11.35 -8.11	110.15 9.05 -6.80	100.99 7.42 -18.61
GLOBE___DSASP 323697	90.09 -12.17 0.00	83.56 -11.18 0.00	81.79 -10.21 0.00	83.61 -10.33 0.00	88.89 -10.99 0.00	87.27 -9.47 -0.14	75.19 -7.22 -12.95	83.72 -10.68 -6.15	89.99 -14.92 -2.73	78.83 -11.48 -2.68	74.86 -12.98 -0.75	75.05 -12.30 -0.09	64.96 -11.01 -0.05	61.45 -9.92 0.00	58.17 -9.45 -1.10	61.20 -9.96 0.02	69.77 -12.36 -3.43	76.58 -14.05 -3.37	68.39 -13.36 5.59	65.76 -11.58 2.55	65.21 -17.26 27.45	58.58 -16.97 39.09	63.81 -13.67 16.81	63.64 -11.69 -0.38
GOETHSLN___LBMP 323567	53.84 5.32 53.74	48.91 4.45 50.29	45.77 4.05 50.29	47.71 4.04 50.28	54.33 4.59 50.14	55.85 5.31 46.06	54.96 4.24 18.73	52.96 5.65 40.93	38.57 6.95 70.55	31.47 6.40 62.55	28.34 6.10 64.84	27.66 6.20 65.80	33.26 5.16 47.82	32.54 4.85 43.69	32.17 4.46 38.81	25.55 4.98 50.61	30.41 5.51 53.79	32.68 6.46 61.04	33.06 6.64 60.92	30.98 5.83 54.74	28.73 7.69 88.88	35.06 7.11 86.69	31.68 5.28 67.90	60.45 3.90 18.40
GOLAH___69_KV_TB 1_2 80279	96.74 -5.52 0.00	89.72 -5.02 0.00	87.50 -4.51 0.00	89.34 -4.60 0.00	94.98 -4.89 0.00	93.33 -3.38 -0.12	77.61 -2.36 -10.51	90.01 -4.68 -6.44	98.36 -6.85 -3.03	85.43 -4.99 -2.80	81.43 -6.44 -0.78	81.17 -6.20 -0.10	70.28 -5.69 -0.06	66.31 -5.07 0.00	62.94 -4.72 -1.14	66.26 -4.91 0.01	75.59 -6.69 -3.59	83.63 -7.16 -3.53	85.02 -6.81 -4.48	78.86 -6.15 -5.12	88.68 -9.45 11.79	82.58 -10.09 21.97	74.80 -8.39 11.11	68.68 -6.67 -0.40

GOODYEAR_LAKE_HYD 323669	106.48 4.19 -0.03	98.44 3.70 0.00	95.50 3.50 0.00	97.61 3.66 0.00	104.10 4.19 -0.03	112.13 4.64 -10.90	99.52 3.75 -26.32	124.97 4.68 -32.05	123.03 5.52 -15.34	105.72 4.21 -13.89	94.70 3.66 -3.95	91.32 3.49 -0.57	79.15 2.88 -0.35	74.09 2.71 0.00	74.72 2.59 -5.61	74.24 3.06 0.00	100.54 3.86 -17.99	109.69 4.62 -17.81	115.39 4.80 -23.24	102.46 4.15 -18.42	121.16 5.28 -5.96	123.08 4.93 -3.51	97.88 3.58 0.00	96.86 2.62 -19.28
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	101.24 -1.02 0.00	93.61 -1.14 0.00	90.99 -1.01 0.00	93.01 -0.94 0.00	98.98 -0.90 0.00	97.85 -0.48 -1.74	96.51 -0.14 -27.20	115.19 -0.62 -27.56	114.43 -0.82 -13.07	98.79 -0.79 -11.96	89.35 -1.13 -3.39	86.61 -1.13 -0.48	75.14 -1.06 -0.29	70.38 -1.00 0.00	70.43 -0.93 -4.83	70.39 -0.78 0.01	93.36 -0.79 -15.45	102.92 -0.61 -16.26	108.00 -0.52 -21.18	96.44 -0.56 -17.11	102.57 -1.21 6.14	94.67 -1.60 18.36	82.99 -1.60 9.70	77.61 -1.42 -4.08
GOUDEY___7 23579	101.24 -1.02 0.00	93.61 -1.14 0.00	90.99 -1.01 0.00	93.01 -0.94 0.00	98.98 -0.90 0.00	97.85 -0.48 -1.74	96.51 -0.14 -27.20	115.19 -0.62 -27.56	114.43 -0.82 -13.07	98.79 -0.79 -11.96	89.35 -1.13 -3.39	86.61 -1.13 -0.48	75.14 -1.06 -0.29	70.38 -1.00 0.00	70.43 -0.93 -4.83	70.39 -0.78 0.01	93.36 -0.79 -15.45	102.92 -0.61 -16.26	108.00 -0.52 -21.18	96.44 -0.56 -17.11	102.57 -1.21 6.14	94.67 -1.60 18.36	82.99 -1.60 9.70	77.61 -1.42 -4.08
GOUDEY___8 23580	101.24 -1.02 0.00	93.61 -1.14 0.00	90.99 -1.01 0.00	93.01 -0.94 0.00	98.98 -0.90 0.00	97.85 -0.48 -1.74	96.51 -0.14 -27.20	115.19 -0.62 -27.56	114.43 -0.82 -13.07	98.79 -0.79 -11.96	89.35 -1.13 -3.39	86.61 -1.13 -0.48	75.14 -1.06 -0.29	70.38 -1.00 0.00	70.43 -0.93 -4.83	70.39 -0.78 0.01	93.36 -0.79 -15.45	102.92 -0.61 -16.26	108.00 -0.52 -21.18	96.44 -0.56 -17.11	102.57 -1.21 6.14	94.67 -1.60 18.36	82.99 -1.60 9.70	77.61 -1.42 -4.08
GOWANUS_GT1_1 24077	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT1_2 24078	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT1_3 24079	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT1_4 24080	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT1_5 24084	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT1_6 24111	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT1_7 24112	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT1_8 24113	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT2_1 24114	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT2_2 24115	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT2_3 24116	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15

GOWANUS_GT2_4 24117	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT2_5 24118	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT2_6 24119	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT2_7 24120	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT2_8 24121	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT3_1 24122	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT3_2 24123	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT3_3 24124	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT3_4 24125	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT3_5 24126	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT3_6 24127	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT3_7 24128	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT3_8 24129	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
GOWANUS_GT4_1 24130	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT4_2 24131	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15

GOWANUS_GT4_3 24132	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT4_4 24133	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT4_5 24134	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT4_6 24135	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT4_7 24136	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GOWANUS_GT4_8 24137	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GREENBSH_115KV_TB3 55895	105.98 3.68 -0.04	98.06 3.32 0.00	95.13 3.13 0.00	97.14 3.19 0.00	103.41 3.50 -0.04	117.50 3.38 -17.53	175.45 2.15 -103.84	217.17 2.47 -126.45	165.88 3.17 -60.54	145.15 2.72 -54.81	105.91 3.22 -15.60	92.81 3.32 -2.23	80.10 2.81 -1.37	74.02 2.64 0.00	91.04 2.39 -22.12	73.53 2.35 0.00	151.72 2.05 -70.98	159.62 2.09 -70.27	180.98 2.01 -91.63	154.35 1.84 -72.62	135.95 2.64 -23.39	123.01 2.75 -5.62	97.03 2.73 0.00	112.15 2.55 -34.65
GREENIDGE_115KV_TB5 80291	98.79 -3.48 0.00	91.81 -2.94 0.00	89.34 -2.67 0.00	91.50 -2.44 0.00	97.28 -2.60 0.00	95.56 -2.03 -1.00	85.71 -0.42 -16.67	75.72 -1.32 11.20	93.87 -2.25 6.06	80.73 -2.10 4.79	82.71 -2.96 1.42	84.22 -2.79 0.25	72.93 -2.81 0.17	68.95 -2.43 0.00	62.44 -2.20 1.89	68.99 -2.14 0.05	69.88 -2.44 6.37	78.34 -2.09 6.83	94.09 -2.36 -9.10	94.09 -2.00 -16.19	57.87 -3.52 48.53	13.87 -3.78 96.98	35.76 -3.58 54.95	71.92 -3.60 -0.56
GREENIDGE___3 23582	98.79 -3.48 0.00	91.81 -2.94 0.00	89.34 -2.67 0.00	91.50 -2.44 0.00	97.28 -2.60 0.00	95.56 -2.03 -1.00	85.71 -0.42 -16.67	75.72 -1.32 11.20	93.87 -2.25 6.06	80.73 -2.10 4.79	82.71 -2.96 1.42	84.22 -2.79 0.25	72.93 -2.81 0.17	68.95 -2.43 0.00	62.44 -2.20 1.89	68.99 -2.14 0.05	69.88 -2.44 6.37	78.34 -2.09 6.83	94.09 -2.36 -9.10	94.09 -2.00 -16.19	57.87 -3.52 48.53	13.87 -3.78 96.98	35.76 -3.58 54.95	71.92 -3.60 -0.56
GREENIDGE___4 23583	98.79 -3.48 0.00	91.81 -2.94 0.00	89.33 -2.67 0.00	91.79 -2.16 0.00	96.89 -2.99 0.00	95.56 -2.03 -1.00	85.71 -0.41 -16.67	75.73 -1.32 11.20	93.77 -2.35 6.06	80.73 -2.10 4.79	82.71 -2.96 1.42	84.14 -2.88 0.25	72.93 -2.81 0.17	68.95 -2.43 0.00	62.37 -2.26 1.89	68.92 -2.21 0.05	69.88 -2.44 6.37	78.43 -2.00 6.83	94.09 -2.35 -9.10	94.09 -1.99 -16.19	57.87 -3.52 48.53	13.88 -3.78 96.98	35.76 -3.58 54.95	72.07 -3.45 -0.56
GREENLWN_69_KV_BK 3 55738	110.74 8.08 -0.40	101.76 7.01 0.00	99.68 6.72 -0.96	100.62 6.67 0.00	107.28 7.39 -0.01	127.29 8.11 -22.59	160.69 6.11 -85.12	199.93 8.03 -103.66	161.20 9.40 -49.63	140.97 8.41 -44.93	107.89 8.01 -12.79	97.21 8.12 -1.83	84.84 6.98 -1.94	80.57 6.57 -2.63	95.69 6.05 -23.12	117.41 6.83 -39.40	144.20 7.32 -58.18	179.74 8.73 -83.75	188.85 8.91 -92.59	155.07 7.99 -67.19	149.34 10.66 -28.76	133.06 10.32 -8.11	108.93 7.83 -6.80	99.57 6.00 -18.61
GREENWD_138_KV_38B11_REV_LBMP_J 345004	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15
GRISSOM___SOLAR 323813	109.61 7.26 -0.09	101.19 6.45 0.00	98.26 6.26 0.00	100.42 6.48 0.00	107.16 7.20 -0.09	140.35 7.44 -36.33	190.33 5.83 -115.04	235.47 7.14 -140.08	177.31 8.07 -67.07	153.69 5.35 -60.72	108.81 4.44 -17.28	93.75 4.02 -2.47	80.70 3.26 -1.52	74.51 3.14 0.00	94.29 3.26 -24.51	75.16 3.98 0.00	163.15 5.82 -78.63	172.26 7.16 -77.84	196.27 7.42 -101.50	166.97 6.63 -80.45	144.51 8.68 -25.91	133.35 8.83 -9.88	101.18 6.88 0.00	145.91 5.10 -65.86
GROVEVILLE___HYD 323602	109.02 6.75 -0.01	100.62 5.87 0.00	97.62 5.61 0.00	99.68 5.73 0.00	106.28 6.39 -0.01	107.96 7.05 -4.32	160.35 5.42 -85.47	199.30 6.97 -104.08	160.18 8.17 -49.83	139.93 7.19 -45.12	106.63 6.71 -12.84	95.99 6.89 -1.84	82.81 5.77 -1.13	76.73 5.35 0.00	89.72 4.99 -18.21	76.80 5.62 0.00	143.41 6.30 -58.42	152.52 7.42 -57.84	170.45 7.69 -75.42	146.54 6.87 -59.78	138.30 9.12 -19.25	125.66 8.71 -2.31	100.99 6.70 0.00	92.07 5.02 -12.09
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	100.63 -1.64 0.00	93.13 -1.61 0.00	90.35 -1.66 0.00	91.88 -2.07 0.00	97.48 -2.40 0.00	94.95 -1.74 -0.10	77.33 -0.76 -8.64	97.35 -1.41 -10.52	105.17 -2.04 -5.04	90.61 -1.58 -4.56	86.21 -2.18 -1.30	85.44 -2.01 -0.19	74.05 -1.97 -0.11	69.66 -1.71 0.00	66.77 -1.60 -1.84	69.61 -1.57 0.00	82.71 -1.89 -5.91	91.28 -1.83 -5.85	93.23 -1.75 -7.62	84.26 -1.68 -6.04	109.23 -2.64 -1.95	111.54 -3.10 0.00	91.47 -2.83 0.00	73.23 -2.40 -0.67

HAMLTNNY_34_KV_TB 80303	100.63 -1.64 0.00	93.13 -1.61 0.00	90.35 -1.66 0.00	92.26 -1.69 0.00	97.98 -1.90 0.00	95.53 -1.16 -0.10	78.31 -0.35 -9.20	98.48 -0.97 -11.21	106.01 -1.53 -5.37	91.26 -1.23 -4.86	86.73 -1.74 -1.38	85.80 -1.66 -0.20	74.37 -1.67 -0.12	69.95 -1.43 0.00	67.15 -1.33 -1.96	69.90 -1.28 0.00	83.41 -1.57 -6.29	92.01 -1.48 -6.23	94.07 -1.40 -8.12	85.05 -1.28 -6.44	109.79 -2.20 -2.07	112.00 -2.64 0.00	91.85 -2.45 0.00	73.49 -2.17 -0.71
HAMPSHIRE___PAPER_HYD 323593	102.57 0.31 0.00	95.32 0.57 0.00	92.56 0.56 0.00	94.23 0.28 0.00	100.48 0.60 0.00	96.62 0.00 -0.02	71.98 0.35 -2.17	91.77 0.88 -2.65	104.25 0.81 -1.27	89.13 0.35 -1.15	88.03 0.61 -0.33	87.57 0.26 -0.05	76.17 0.23 -0.03	71.52 0.14 0.00	67.25 0.27 -0.46	71.25 0.07 0.00	80.26 0.08 -1.49	89.08 0.35 -1.47	89.62 0.35 -1.92	81.41 0.00 -1.52	110.19 -0.22 -0.49	114.41 -0.23 0.00	94.58 0.28 0.00	75.87 0.75 -0.17
HARDSCRABBLE_WT_PWR 323673	104.71 2.45 0.00	97.01 2.27 0.00	94.39 2.39 0.00	96.57 2.63 0.00	103.07 3.20 0.00	99.97 3.38 0.00	72.16 2.71 0.00	91.95 3.71 0.00	106.88 4.70 0.00	91.92 4.29 0.00	91.79 4.70 0.00	92.06 4.80 0.00	80.01 4.10 0.00	75.30 3.92 0.00	70.18 3.66 0.00	75.52 4.34 0.00	83.81 5.11 0.00	93.11 5.85 0.00	93.11 5.76 0.00	84.77 4.87 0.00	115.85 5.93 0.00	120.25 5.62 0.00	99.01 4.71 0.00	78.63 3.67 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	108.00 5.73 -0.01	99.67 4.93 0.00	96.60 4.60 0.00	98.55 4.60 0.00	105.18 5.29 -0.01	106.42 5.89 -3.94	154.07 4.58 -80.03	191.53 5.82 -97.46	155.78 6.95 -46.66	135.92 6.05 -42.24	104.86 5.75 -12.02	94.83 5.85 -1.72	81.91 4.93 -1.06	75.94 4.57 0.00	87.83 4.26 -17.05	75.95 4.77 0.00	138.75 5.35 -54.70	147.70 6.28 -54.15	164.43 6.46 -70.62	141.62 5.75 -55.97	135.64 7.69 -18.03	124.00 7.22 -2.14	99.77 5.47 0.00	90.15 4.05 -11.14
HARSNRAD_115KV_TB1 81005	91.01 -11.25 0.00	84.42 -10.33 0.00	82.71 -9.29 0.00	84.55 -9.39 0.00	89.89 -9.99 0.00	88.04 -8.69 -0.14	75.66 -6.53 -12.73	83.20 0.12 -5.45	88.56 -13.49 0.12	79.88 -10.25 -2.50	75.90 -11.93 -0.74	76.10 -11.26 -0.09	65.94 -10.02 -0.05	62.31 -9.06 0.00	58.96 -8.65 -1.09	62.05 -9.11 0.02	70.85 -11.25 -3.41	78.21 -12.39 -3.34	69.76 -11.88 5.71	66.66 -10.55 2.69	66.97 -15.83 27.12	60.71 -16.16 37.76	65.08 -13.01 16.21	64.76 -10.57 -0.37
HARZA MOOSE___RIVER 24016	104.51 2.25 0.00	96.83 2.08 0.00	93.94 1.93 0.00	95.83 1.88 0.00	102.67 2.80 0.00	99.52 2.90 -0.03	74.70 2.50 -2.74	94.93 3.35 -3.34	107.55 3.78 -1.60	91.70 2.63 -1.45	90.03 2.53 -0.41	89.59 2.27 -0.06	77.62 1.67 -0.04	73.02 1.64 0.00	68.64 1.53 -0.58	73.03 1.85 0.00	82.46 1.89 -1.87	91.65 2.53 -1.85	92.47 2.71 -2.42	83.97 2.16 -1.92	113.07 2.53 -0.62	116.81 2.18 0.00	95.90 1.60 0.00	76.44 1.27 -0.21
HDSNBRDG_115KV_BRDG_TB1 355580	99.91 -2.35 0.00	92.47 -2.27 0.00	89.70 -2.30 0.00	91.69 -2.25 0.00	97.48 -2.40 0.00	94.84 -1.84 -0.09	76.36 -0.90 -7.81	96.17 -1.59 -9.51	104.58 -2.15 -4.55	90.08 -1.66 -4.12	86.09 -2.18 -1.17	85.34 -2.09 -0.17	74.04 -1.97 -0.10	69.59 -1.78 0.00	66.52 -1.66 -1.66	69.54 -1.64 0.00	82.06 -1.97 -5.34	90.54 -2.01 -5.28	92.32 -1.92 -6.89	83.52 -1.84 -5.46	108.82 -2.86 -1.76	111.43 -3.21 0.00	91.37 -2.92 0.00	73.01 -2.55 -0.60
HELLGATE_13_KV_LD 55870	108.71 6.44 -0.01	100.14 5.40 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.98 6.18 -4.21	159.33 4.72 -85.16	198.12 6.18 -103.70	159.49 7.66 -49.65	139.59 7.01 -44.95	106.76 6.88 -12.79	96.07 6.98 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.87 5.69 0.00	143.20 6.30 -58.21	152.13 7.24 -57.62	169.82 7.34 -75.14	146.00 6.55 -59.55	137.79 8.68 -19.18	124.94 8.02 -2.28	100.52 6.22 0.00	91.79 4.95 -11.89
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	108.71 6.44 -0.01	100.14 5.40 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.98 6.18 -4.21	159.33 4.72 -85.16	198.12 6.18 -103.70	159.49 7.66 -49.65	139.59 7.01 -44.95	106.76 6.88 -12.79	96.07 6.98 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.87 5.69 0.00	143.20 6.30 -58.21	152.13 7.24 -57.62	169.82 7.34 -75.14	146.00 6.55 -59.55	137.79 8.68 -19.18	124.94 8.02 -2.28	100.52 6.22 0.00	91.79 4.95 -11.89
HEMPSTEAD____ 23647	109.92 7.26 -0.40	101.00 6.25 0.00	98.94 5.98 -0.96	99.68 5.73 0.00	106.48 6.59 -0.01	126.52 7.34 -22.59	160.14 5.56 -85.12	199.22 7.32 -103.66	160.39 8.58 -49.63	140.45 7.89 -44.93	107.19 7.32 -12.79	96.60 7.51 -1.83	84.30 6.45 -1.94	80.07 6.06 -2.63	95.23 5.59 -23.12	116.77 6.19 -39.40	143.56 6.69 -58.18	179.03 8.02 -83.75	188.15 8.21 -92.59	154.43 7.35 -67.19	148.46 9.78 -28.76	132.02 9.28 -8.11	108.18 7.08 -6.80	98.97 5.40 -18.61
HEWLETT_69_KV_BK3 55828	110.54 7.87 -0.40	101.66 6.92 0.00	99.59 6.62 -0.96	100.43 6.48 0.00	107.18 7.29 -0.01	127.10 7.92 -22.59	160.27 5.70 -85.12	199.40 7.50 -103.66	160.59 8.79 -49.63	140.44 7.89 -44.93	107.54 7.66 -12.79	96.95 7.85 -1.83	84.69 6.83 -1.94	80.43 6.42 -2.63	95.56 5.92 -23.12	117.05 6.48 -39.40	143.73 6.85 -58.18	179.30 8.29 -83.75	188.41 8.47 -92.59	154.68 7.59 -67.19	148.79 10.11 -28.76	132.71 9.97 -8.11	108.64 7.54 -6.80	99.34 5.77 -18.61
HICKLING___1 23621	98.58 -3.68 0.00	91.24 -3.51 0.00	88.97 -3.04 0.00	91.13 -2.82 0.00	96.88 -3.00 0.00	95.36 -2.51 -1.28	89.31 -1.46 -21.32	82.46 -2.65 3.14	96.65 -3.37 2.15	83.16 -3.15 1.31	83.01 -3.66 0.42	83.58 -3.58 0.10	72.57 -3.26 0.08	68.38 -3.00 0.00	63.24 -2.79 0.49	68.35 -2.78 0.05	73.86 -2.99 1.84	82.37 -2.79 2.10	88.18 -2.80 -3.62	87.67 -2.72 -10.50	52.33 -4.40 53.20	13.76 -5.16 95.71	39.00 -4.53 50.77	72.66 -3.75 -1.45
HICKLING___2 23622	98.58 -3.68 0.00	91.24 -3.51 0.00	88.97 -3.04 0.00	91.13 -2.82 0.00	96.88 -3.00 0.00	95.36 -2.51 -1.28	89.31 -1.46 -21.32	82.46 -2.65 3.14	96.65 -3.37 2.15	83.16 -3.15 1.31	83.01 -3.66 0.42	83.58 -3.58 0.10	72.57 -3.26 0.08	68.38 -3.00 0.00	63.24 -2.79 0.49	68.35 -2.78 0.05	73.86 -2.99 1.84	82.37 -2.79 2.10	88.18 -2.80 -3.62	87.67 -2.72 -10.50	52.33 -4.40 53.20	13.76 -5.16 95.71	39.00 -4.53 50.77	72.66 -3.75 -1.45
HIGH FALLS___HY 23754	108.72 6.44 -0.01	100.24 5.50 0.00	97.25 5.24 0.00	99.30 5.35 0.00	105.98 6.09 -0.01	108.92 6.95 -5.37	160.08 5.49 -85.13	198.98 7.06 -103.67	159.98 8.17 -49.64	139.66 7.10 -44.94	106.32 6.44 -12.79	95.64 6.54 -1.83	82.51 5.47 -1.13	76.37 5.00 0.00	89.45 4.79 -18.14	76.66 5.48 0.00	143.26 6.37 -58.19	152.37 7.50 -57.61	170.33 7.86 -75.12	146.38 6.95 -59.54	138.33 9.23 -19.18	125.78 8.60 -2.55	100.71 6.41 0.00	93.53 4.80 -13.78
HIGH_RIVER___SOLAR 323847	107.57 5.21 -0.10	99.29 4.55 0.00	96.42 4.42 0.00	98.46 4.51 0.00	105.06 5.09 -0.10	140.16 5.31 -38.26	184.68 3.96 -111.27	228.59 4.85 -135.49	172.46 5.41 -64.87	149.69 3.33 -58.73	106.41 2.61 -16.71	91.92 2.27 -2.39	79.28 1.90 -1.47	73.30 1.93 0.00	92.36 2.13 -23.71	73.88 2.70 0.00	158.76 4.01 -76.05	167.61 5.06 -75.29	190.59 5.06 -98.18	162.26 4.55 -77.82	140.92 5.93 -25.06	131.22 6.19 -10.40	99.10 4.81 0.00	147.34 3.60 -68.78

HILLBURN___GT 23639	107.89 5.62 -0.01	99.48 4.74 0.00	96.51 4.51 0.00	98.36 4.42 0.00	104.98 5.09 -0.01	106.38 5.80 -3.99	155.09 4.51 -81.13	192.77 5.73 -98.79	156.21 6.74 -47.30	136.58 6.13 -42.82	105.02 5.75 -12.19	94.85 5.85 -1.74	81.92 4.93 -1.07	76.01 4.64 0.00	88.07 4.26 -17.28	75.95 4.77 0.00	139.42 5.27 -55.45	148.35 6.20 -54.89	165.30 6.37 -71.58	142.30 5.67 -56.74	135.67 7.48 -18.27	123.80 6.99 -2.17	99.58 5.28 0.00	90.23 3.97 -11.30
HILLSIDE_115KV_TB1 80332	97.56 -4.70 0.00	90.39 -4.36 0.00	88.05 -3.96 0.00	90.10 -3.85 0.00	95.88 -4.00 0.00	94.25 -3.67 -1.33	89.03 -2.50 -22.08	83.91 -3.97 0.37	96.79 -4.60 0.78	83.40 -4.12 0.11	82.57 -4.44 0.08	82.76 -4.45 0.05	71.84 -4.02 0.05	67.66 -3.71 0.00	63.06 -3.46 0.00	67.65 -3.49 0.04	74.71 -3.70 0.28	83.13 -3.67 0.47	87.85 -3.67 -4.17	86.78 -3.44 -10.32	54.07 -5.39 50.46	18.39 -5.96 90.28	41.66 -5.09 47.55	72.45 -4.20 -1.69
HISHELDN_WT_PWR 323625	93.36 -8.90 0.00	86.60 -8.15 0.00	84.83 -7.18 0.00	87.28 -6.67 0.00	92.38 -7.49 0.00	90.10 -6.66 -0.17	79.61 -4.93 -15.09	85.02 -7.94 -4.71	94.01 -10.12 -1.95	81.37 -8.33 -2.07	78.42 -9.23 -0.56	78.51 -8.81 -0.06	68.13 -7.82 -0.03	64.31 -7.07 0.00	60.59 -6.79 -0.85	64.04 -7.12 0.02	72.81 -8.50 -2.62	80.71 -9.08 -2.52	46.74 -9.17 31.44	48.39 -8.39 23.11	37.76 -12.97 59.19	33.23 -13.53 67.88	59.28 -11.22 23.79	66.39 -8.85 -0.28
HOLTSVILLE_IC_1 23690	111.25 8.59 -0.40	102.23 7.48 0.00	100.33 7.36 -0.96	100.90 6.95 0.00	107.97 8.09 -0.01	127.97 8.79 -22.59	161.18 6.60 -85.12	200.46 8.56 -103.66	161.71 9.91 -49.63	141.76 9.20 -44.93	108.15 8.28 -12.79	97.47 8.38 -1.83	85.07 7.22 -1.94	80.79 6.78 -2.63	95.96 6.32 -23.12	117.84 7.26 -39.40	144.51 7.63 -58.18	180.08 9.07 -83.75	189.02 9.08 -92.59	155.47 8.39 -67.19	149.67 10.99 -28.76	133.40 10.66 -8.11	109.40 8.30 -6.80	100.02 6.45 -18.61
HOLTSVILLE_IC_10 23699	111.97 9.30 -0.40	102.89 8.15 0.00	100.88 7.91 -0.96	101.47 7.52 0.00	108.57 8.68 -0.01	128.65 9.47 -22.59	161.73 7.16 -85.12	201.25 9.35 -103.66	162.63 10.83 -49.63	142.37 9.81 -44.93	108.76 8.89 -12.79	98.00 8.91 -1.83	85.52 7.66 -1.94	81.21 7.21 -2.63	96.36 6.72 -23.12	118.34 7.76 -39.40	145.06 8.18 -58.18	180.87 9.86 -83.75	189.72 9.78 -92.59	156.11 9.03 -67.19	150.45 11.77 -28.76	134.20 11.46 -8.11	110.06 8.96 -6.80	100.54 6.97 -18.61
HOLTSVILLE_IC_2 23691	111.25 8.59 -0.40	102.23 7.48 0.00	100.33 7.36 -0.96	100.90 6.95 0.00	107.97 8.09 -0.01	127.97 8.79 -22.59	161.18 6.60 -85.12	200.46 8.56 -103.66	161.71 9.91 -49.63	141.76 9.20 -44.93	108.15 8.28 -12.79	97.47 8.38 -1.83	85.07 7.22 -1.94	80.79 6.78 -2.63	95.96 6.32 -23.12	117.84 7.26 -39.40	144.51 7.63 -58.18	180.08 9.07 -83.75	189.02 9.08 -92.59	155.47 8.39 -67.19	149.67 10.99 -28.76	133.40 10.66 -8.11	109.40 8.30 -6.80	100.02 6.45 -18.61
HOLTSVILLE_IC_3 23692	111.25 8.59 -0.40	102.23 7.48 0.00	100.33 7.36 -0.96	100.90 6.95 0.00	107.97 8.09 -0.01	127.97 8.79 -22.59	161.18 6.60 -85.12	200.46 8.56 -103.66	161.71 9.91 -49.63	141.76 9.20 -44.93	108.15 8.28 -12.79	97.47 8.38 -1.83	85.07 7.22 -1.94	80.79 6.78 -2.63	95.96 6.32 -23.12	117.84 7.26 -39.40	144.51 7.63 -58.18	180.08 9.07 -83.75	189.02 9.08 -92.59	155.47 8.39 -67.19	149.67 10.99 -28.76	133.40 10.66 -8.11	109.40 8.30 -6.80	100.02 6.45 -18.61
HOLTSVILLE_IC_4 23693	111.25 8.59 -0.40	102.23 7.48 0.00	100.33 7.36 -0.96	100.90 6.95 0.00	107.97 8.09 -0.01	127.97 8.79 -22.59	161.18 6.60 -85.12	200.46 8.56 -103.66	161.71 9.91 -49.63	141.76 9.20 -44.93	108.15 8.28 -12.79	97.47 8.38 -1.83	85.07 7.22 -1.94	80.79 6.78 -2.63	95.96 6.32 -23.12	117.84 7.26 -39.40	144.51 7.63 -58.18	180.08 9.07 -83.75	189.02 9.08 -92.59	155.47 8.39 -67.19	149.67 10.99 -28.76	133.40 10.66 -8.11	109.40 8.30 -6.80	100.02 6.45 -18.61
HOLTSVILLE_IC_5 23694	111.25 8.59 -0.40	102.23 7.48 0.00	100.33 7.36 -0.96	100.90 6.95 0.00	107.97 8.09 -0.01	127.97 8.79 -22.59	161.18 6.60 -85.12	200.46 8.56 -103.66	161.71 9.91 -49.63	141.76 9.20 -44.93	108.15 8.28 -12.79	97.47 8.38 -1.83	85.07 7.22 -1.94	80.79 6.78 -2.63	95.96 6.32 -23.12	117.84 7.26 -39.40	144.51 7.63 -58.18	180.08 9.07 -83.75	189.02 9.08 -92.59	155.47 8.39 -67.19	149.67 10.99 -28.76	133.40 10.66 -8.11	109.40 8.30 -6.80	100.02 6.45 -18.61
HOLTSVILLE_IC_6 23695	111.97 9.30 -0.40	102.89 8.15 0.00	100.88 7.91 -0.96	101.47 7.52 0.00	108.57 8.68 -0.01	128.65 9.47 -22.59	161.73 7.16 -85.12	201.25 9.35 -103.66	162.63 10.83 -49.63	142.37 9.81 -44.93	108.76 8.89 -12.79	98.00 8.91 -1.83	85.52 7.66 -1.94	81.21 7.21 -2.63	96.36 6.72 -23.12	118.34 7.76 -39.40	145.06 8.18 -58.18	180.87 9.86 -83.75	189.72 9.78 -92.59	156.11 9.03 -67.19	150.45 11.77 -28.76	134.20 11.46 -8.11	110.06 8.96 -6.80	100.54 6.97 -18.61
HOLTSVILLE_IC_7 23696	111.97 9.30 -0.40	102.89 8.15 0.00	100.88 7.91 -0.96	101.47 7.52 0.00	108.57 8.68 -0.01	128.65 9.47 -22.59	161.73 7.16 -85.12	201.25 9.35 -103.66	162.63 10.83 -49.63	142.37 9.81 -44.93	108.76 8.89 -12.79	98.00 8.91 -1.83	85.52 7.66 -1.94	81.21 7.21 -2.63	96.36 6.72 -23.12	118.34 7.76 -39.40	145.06 8.18 -58.18	180.87 9.86 -83.75	189.72 9.78 -92.59	156.11 9.03 -67.19	150.45 11.77 -28.76	134.20 11.46 -8.11	110.06 8.96 -6.80	100.54 6.97 -18.61
HOLTSVILLE_IC_8 23697	111.97 9.30 -0.40	102.89 8.15 0.00	100.88 7.91 -0.96	101.47 7.52 0.00	108.57 8.68 -0.01	128.65 9.47 -22.59	161.73 7.16 -85.12	201.25 9.35 -103.66	162.63 10.83 -49.63	142.37 9.81 -44.93	108.76 8.89 -12.79	98.00 8.91 -1.83	85.52 7.66 -1.94	81.21 7.21 -2.63	96.36 6.72 -23.12	118.34 7.76 -39.40	145.06 8.18 -58.18	180.87 9.86 -83.75	189.72 9.78 -92.59	156.11 9.03 -67.19	150.45 11.77 -28.76	134.20 11.46 -8.11	110.06 8.96 -6.80	100.54 6.97 -18.61
HOLTSVILLE_IC_9 23698	111.97 9.30 -0.40	102.89 8.15 0.00	100.88 7.91 -0.96	101.47 7.52 0.00	108.57 8.68 -0.01	128.65 9.47 -22.59	161.73 7.16 -85.12	201.25 9.35 -103.66	162.63 10.83 -49.63	142.37 9.81 -44.93	108.76 8.89 -12.79	98.00 8.91 -1.83	85.52 7.66 -1.94	81.21 7.21 -2.63	96.36 6.72 -23.12	118.34 7.76 -39.40	145.06 8.18 -58.18	180.87 9.86 -83.75	189.72 9.78 -92.59	156.11 9.03 -67.19	150.45 11.77 -28.76	134.20 11.46 -8.11	110.06 8.96 -6.80	100.54 6.97 -18.61
HOMER_HL_115KV_TB2 355744	95.31 -6.95 0.00	88.21 -6.54 0.00	86.39 -5.61 0.00	88.40 -5.54 0.00	94.18 -5.69 0.00	89.72 -7.05 -0.18	79.40 -5.97 -15.92	85.33 -8.03 -5.11	96.84 -7.46 -2.13	82.25 -7.62 -2.24	81.08 -6.62 -0.61	80.17 -7.16 -0.07	69.95 -6.00 -0.03	65.52 -5.85 0.00	61.79 -5.65 -0.93	65.53 -5.62 0.02	76.26 -5.27 -2.84	85.22 -4.80 -2.75	83.32 -4.72 -0.69	79.40 -4.39 -3.90	72.39 -7.25 30.28	56.56 -7.57 50.51	63.22 -6.22 24.85	70.39 -4.87 -0.30
HOWARD_WT_PWR 323690	94.29 -7.98 0.00	87.73 -7.01 0.00	85.74 -6.26 0.00	88.50 -5.45 0.00	94.39 -5.49 0.00	93.40 -4.25 -1.06	85.09 -2.08 -17.72	77.56 -3.53 7.16	93.21 -4.90 4.06	80.20 -4.38 3.05	80.95 -5.22 0.92	82.03 -5.06 0.17	71.16 -4.63 0.12	67.31 -4.07 0.00	61.47 -3.86 1.19	67.36 -3.77 0.05	70.59 -4.01 4.09	78.80 -4.01 4.45	115.89 -4.45 -32.99	110.50 -4.64 -35.24	79.98 -7.48 22.47	30.83 -9.06 74.75	36.08 -8.11 50.11	69.11 -6.75 -0.90

HQ_GEN_CEDARS 23644	102.16 -0.10 0.00	94.93 0.19 0.00	92.46 0.46 0.00	94.14 0.19 0.00	99.78 -0.10 0.00	95.63 -0.97 0.00	68.62 -0.83 0.00	87.72 -0.53 0.00	101.46 -0.72 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.83 -0.44 0.00	75.91 0.00 0.00	71.23 -0.14 0.00	66.46 -0.07 0.00	70.75 -0.43 0.00	78.62 -0.08 0.00	86.91 -0.35 0.00	86.82 -0.52 0.00	79.33 -0.56 0.00	109.37 -0.55 0.00	114.52 -0.11 0.00	94.77 0.47 0.00	76.15 1.20 0.00
HQ_GEN_CEDARS_PROXY 323590	102.16 -0.10 0.00	94.93 0.19 0.00	92.47 0.46 0.00	94.04 0.09 0.00	99.78 -0.10 0.00	95.63 -0.97 0.00	68.62 -0.83 0.00	87.72 -0.53 0.00	101.46 -0.71 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.83 -0.43 0.00	75.91 0.00 0.00	71.23 -0.14 0.00	66.46 -0.07 0.00	70.82 -0.35 0.00	78.62 -0.08 0.00	86.91 -0.35 0.00	86.74 -0.61 0.00	79.25 -0.64 0.00	109.37 -0.55 0.00	114.41 -0.23 0.00	94.77 0.47 0.00	76.00 1.05 0.00
HQ_GEN_IMPORT 323601	101.65 -0.61 0.00	94.46 -0.28 0.00	91.73 -0.28 0.00	93.57 -0.37 0.00	130.61 -0.50 -31.23	64.01 -1.35 31.23	68.21 -1.25 0.00	87.19 -1.05 0.00	100.95 -1.22 0.00	86.40 -1.23 0.00	86.39 -0.70 0.00	86.39 -0.87 0.00	75.39 -0.53 0.00	70.80 -0.57 0.00	65.99 -0.53 0.00	70.47 -0.71 0.00	78.15 -0.55 0.00	86.39 -0.87 0.00	86.39 -0.96 0.00	79.02 -0.88 0.00	109.16 -0.76 0.00	114.29 -0.34 0.00	94.39 0.09 0.00	75.26 0.30 0.00
HQ_GEN_WHEEL 23651	101.65 -0.61 0.00	94.46 -0.28 0.00	91.73 -0.28 0.00	93.57 -0.37 0.00	130.61 -0.50 -31.23	64.01 -1.35 31.23	68.21 -1.25 0.00	87.19 -1.05 0.00	100.95 -1.22 0.00	86.40 -1.23 0.00	86.39 -0.70 0.00	86.39 -0.87 0.00	75.39 -0.53 0.00	70.80 -0.57 0.00	65.99 -0.53 0.00	70.47 -0.71 0.00	78.15 -0.55 0.00	86.39 -0.87 0.00	86.39 -0.96 0.00	79.02 -0.88 0.00	109.16 -0.76 0.00	114.29 -0.34 0.00	94.39 0.09 0.00	75.26 0.30 0.00
HUDSON AVE_GT_3 23810	108.41 6.14 -0.01	99.96 5.21 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.98 6.18 -4.21	159.47 4.86 -85.15	198.38 6.44 -103.69	159.69 7.87 -49.65	139.76 7.19 -44.94	106.76 6.88 -12.79	96.07 6.98 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.11 6.22 -58.20	152.12 7.24 -57.62	169.91 7.42 -75.13	146.07 6.63 -59.55	137.78 8.68 -19.18	125.06 8.14 -2.28	100.33 6.04 0.00	91.42 4.57 -11.89
HUDSON AVE_GT_4 23540	108.41 6.14 -0.01	99.96 5.21 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.98 6.18 -4.21	159.47 4.86 -85.15	198.38 6.44 -103.69	159.69 7.87 -49.65	139.76 7.19 -44.94	106.76 6.88 -12.79	96.07 6.98 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.11 6.22 -58.20	152.12 7.24 -57.62	169.91 7.42 -75.13	146.07 6.63 -59.55	137.78 8.68 -19.18	125.06 8.14 -2.28	100.33 6.04 0.00	91.42 4.57 -11.89
HUDSON AVE_GT_5 23657	108.41 6.14 -0.01	99.96 5.21 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.98 6.18 -4.21	159.47 4.86 -85.15	198.38 6.44 -103.69	159.69 7.87 -49.65	139.76 7.19 -44.94	106.76 6.88 -12.79	96.07 6.98 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.11 6.22 -58.20	152.12 7.24 -57.62	169.91 7.42 -75.13	146.07 6.63 -59.55	137.78 8.68 -19.18	125.06 8.14 -2.28	100.33 6.04 0.00	91.42 4.57 -11.89
HUDSON_AVE_10 24168	108.00 5.73 -0.01	99.58 4.83 0.00	96.51 4.51 0.00	98.36 4.42 0.00	104.88 4.99 -0.01	106.60 5.80 -4.21	159.26 4.65 -85.15	198.11 6.18 -103.69	159.38 7.56 -49.65	139.49 6.92 -44.94	106.50 6.62 -12.79	95.72 6.63 -1.83	82.66 5.62 -1.13	76.66 5.28 0.00	89.52 4.86 -18.14	76.59 5.41 0.00	142.88 5.98 -58.20	151.86 6.98 -57.62	169.64 7.16 -75.13	145.83 6.39 -59.55	137.56 8.46 -19.18	124.71 7.80 -2.28	100.05 5.75 0.00	91.19 4.35 -11.89
HUDSON___115KV_TB 4 355613	107.61 5.32 -0.03	100.05 5.31 0.00	97.16 5.15 0.00	99.30 5.35 0.00	105.10 5.19 -0.03	116.24 5.22 -14.43	174.46 3.40 -101.60	216.02 4.06 -123.72	166.21 4.80 -59.24	144.85 3.59 -53.63	106.09 3.74 -15.26	93.72 4.28 -2.18	80.45 3.19 -1.34	74.59 3.21 0.00	91.03 2.86 -21.65	74.52 3.35 0.00	151.44 3.31 -69.45	159.76 3.75 -68.75	180.84 3.84 -89.65	154.30 3.36 -71.05	137.42 4.62 -22.89	124.21 4.70 -4.88	98.92 4.62 0.00	108.26 3.82 -29.48
HUNTER MOUNT___DRP 323613	107.51 5.22 -0.03	100.52 5.78 0.00	97.62 5.61 0.00	99.77 5.82 0.00	105.20 5.29 -0.03	114.49 5.41 -12.49	172.22 3.54 -99.22	213.39 4.32 -120.82	165.03 5.01 -57.85	143.68 3.68 -52.37	105.65 3.66 -14.90	93.84 4.45 -2.13	80.26 3.04 -1.31	74.73 3.35 0.00	90.46 2.79 -21.14	74.81 3.63 0.00	149.98 3.46 -67.82	158.41 4.01 -67.14	179.00 4.11 -87.55	152.88 3.60 -69.39	137.22 4.95 -22.35	123.96 4.93 -4.40	99.58 5.28 0.00	104.96 3.82 -26.18
HUNTINGTON_RES_REC 323705	111.56 8.89 -0.40	102.52 7.77 0.00	100.51 7.55 -0.96	101.08 7.14 0.00	108.17 8.29 -0.01	128.17 8.98 -22.59	161.39 6.81 -85.12	200.81 8.91 -103.66	162.02 10.22 -49.63	141.94 9.38 -44.93	108.50 8.62 -12.79	97.73 8.64 -1.83	85.30 7.44 -1.94	81.00 7.00 -2.63	96.16 6.52 -23.12	117.98 7.40 -39.40	144.82 7.94 -58.18	180.52 9.51 -83.75	189.55 9.61 -92.59	155.87 8.79 -67.19	150.22 11.54 -28.76	133.98 11.24 -8.11	109.77 8.67 -6.80	100.24 6.67 -18.61
HUNTLEY___63 23557	92.04 -10.23 0.00	85.27 -9.47 0.00	83.54 -8.46 0.00	85.40 -8.55 0.00	90.89 -8.99 0.00	88.82 -7.92 -0.15	76.61 -6.04 -13.20	84.90 -9.44 -6.10	92.59 -12.47 -2.89	80.64 -9.64 -2.65	76.85 -10.97 -0.73	76.97 -10.38 -0.09	66.70 -9.26 -0.05	63.10 -8.28 0.00	59.62 -7.98 -1.08	62.69 -8.47 0.02	71.53 -10.55 -3.38	78.97 -11.61 -3.32	69.96 -11.01 6.38	67.35 -9.43 3.12	66.67 -14.40 28.86	59.47 -14.56 40.61	65.23 -11.69 17.38	65.58 -9.74 -0.37
HUNTLEY___64 23558	92.04 -10.23 0.00	85.27 -9.47 0.00	83.54 -8.46 0.00	85.40 -8.55 0.00	90.89 -8.99 0.00	88.82 -7.92 -0.15	76.61 -6.04 -13.20	84.90 -9.44 -6.10	92.59 -12.47 -2.89	80.64 -9.64 -2.65	76.85 -10.97 -0.73	76.97 -10.38 -0.09	66.70 -9.26 -0.05	63.10 -8.28 0.00	59.62 -7.98 -1.08	62.69 -8.47 0.02	71.53 -10.55 -3.38	78.97 -11.61 -3.32	69.96 -11.01 6.38	67.35 -9.43 3.12	66.67 -14.40 28.86	59.47 -14.56 40.61	65.23 -11.69 17.38	65.58 -9.74 -0.37
HUNTLEY___65 23559	92.04 -10.23 0.00	85.27 -9.47 0.00	83.54 -8.46 0.00	85.40 -8.55 0.00	90.89 -8.99 0.00	88.82 -7.92 -0.15	76.61 -6.04 -13.20	84.90 -9.44 -6.10	92.59 -12.47 -2.89	80.64 -9.64 -2.65	76.85 -10.97 -0.73	76.97 -10.38 -0.09	66.70 -9.26 -0.05	63.10 -8.28 0.00	59.62 -7.98 -1.08	62.69 -8.47 0.02	71.53 -10.55 -3.38	78.97 -11.61 -3.32	69.96 -11.01 6.38	67.35 -9.43 3.12	66.67 -14.40 28.86	59.47 -14.56 40.61	65.23 -11.69 17.38	65.58 -9.74 -0.37
HUNTLEY___66 23560	92.04 -10.23 0.00	85.27 -9.47 0.00	83.54 -8.46 0.00	85.40 -8.55 0.00	90.89 -8.99 0.00	88.82 -7.92 -0.15	76.61 -6.04 -13.20	84.90 -9.44 -6.10	92.59 -12.47 -2.89	80.64 -9.64 -2.65	76.85 -10.97 -0.73	76.97 -10.38 -0.09	66.70 -9.26 -0.05	63.10 -8.28 0.00	59.62 -7.98 -1.08	62.69 -8.47 0.02	71.53 -10.55 -3.38	78.97 -11.61 -3.32	69.96 -11.01 6.38	67.35 -9.43 3.12	66.67 -14.40 28.86	59.47 -14.56 40.61	65.23 -11.69 17.38	65.58 -9.74 -0.37

HUNTLEY___67 23561	92.34 -9.92 0.00	85.55 -9.19 0.00	83.81 -8.19 0.00	85.68 -8.27 0.00	91.19 -8.69 0.00	89.01 -7.73 -0.15	77.08 -5.83 -13.45	84.67 -9.53 -5.95	92.67 -12.06 -2.56	80.77 -9.46 -2.60	77.19 -10.62 -0.72	77.23 -10.12 -0.09	66.93 -9.03 -0.05	63.24 -8.14 0.00	59.74 -7.85 -1.07	62.90 -8.26 0.02	71.64 -10.39 -3.34	79.28 -11.26 -3.27	68.59 -10.92 7.84	65.86 -9.75 4.29	64.57 -14.73 30.62	56.25 -15.02 43.37	64.05 -12.07 18.18	65.58 -9.74 -0.36
HUNTLEY___68 23562	92.34 -9.92 0.00	85.55 -9.19 0.00	83.81 -8.19 0.00	85.68 -8.27 0.00	91.19 -8.69 0.00	89.01 -7.73 -0.15	77.08 -5.83 -13.45	84.67 -9.53 -5.95	92.67 -12.06 -2.56	80.77 -9.46 -2.60	77.19 -10.62 -0.72	77.23 -10.12 -0.09	66.93 -9.03 -0.05	63.24 -8.14 0.00	59.74 -7.85 -1.07	62.90 -8.26 0.02	71.64 -10.39 -3.34	79.28 -11.26 -3.27	68.59 -10.92 7.84	65.86 -9.75 4.29	64.57 -14.73 30.62	56.25 -15.02 43.37	64.05 -12.07 18.18	65.58 -9.74 -0.36
HYLAND___LFGE 323620	97.76 -4.50 0.00	90.20 -4.55 0.00	88.05 -3.95 0.00	90.57 -3.38 0.00	95.98 -3.90 0.00	94.34 -2.41 -0.16	83.33 -0.76 -14.64	88.51 -1.86 -2.12	98.45 -4.39 -0.67	84.72 -3.85 -0.95	81.58 -5.75 -0.24	81.51 -5.76 -0.01	70.75 -5.16 0.00	66.66 -4.71 0.00	62.74 -4.19 -0.41	67.38 -3.77 0.03	75.59 -4.25 -1.15	84.51 -3.75 -0.99	128.28 -3.84 -44.77	117.50 -3.75 -41.37	113.45 -6.38 -9.91	80.07 -7.45 27.12	60.31 -6.60 27.38	69.45 -5.62 -0.11
INDECK___CORINTH 23802	110.84 8.48 -0.09	102.33 7.58 0.00	99.37 7.36 0.00	101.55 7.61 0.00	108.36 8.39 -0.09	141.82 8.50 -36.72	181.36 4.24 -107.66	224.56 5.21 -131.11	171.18 6.23 -62.77	149.01 4.55 -56.83	107.53 4.27 -16.17	93.51 3.93 -2.31	80.45 3.11 -1.43	74.30 2.93 0.00	92.39 2.92 -22.94	74.66 3.49 0.00	156.69 4.40 -73.59	165.44 5.32 -72.85	187.77 5.42 -95.00	159.98 4.79 -75.30	140.55 6.37 -24.25	134.92 10.20 -10.08	102.22 7.92 0.00	147.02 6.00 -66.07
INDECK___ILION 23567	106.97 4.70 0.00	99.20 4.45 0.00	96.42 4.42 0.00	98.64 4.70 0.00	105.37 5.49 0.00	102.29 5.70 0.00	73.83 4.38 0.00	94.07 5.82 0.00	109.22 7.05 0.00	93.76 6.13 0.00	93.62 6.53 0.00	93.89 6.63 0.00	81.53 5.62 0.00	76.73 5.35 0.00	71.51 4.99 0.00	77.08 5.91 0.00	85.54 6.85 0.00	95.12 7.85 0.00	95.21 7.86 0.00	86.60 6.71 0.00	118.27 8.35 0.00	122.66 8.02 0.00	100.99 6.70 0.00	80.13 5.17 0.00
INDECK___OLEAN 23982	95.41 -6.85 0.00	88.30 -6.45 0.00	86.39 -5.62 0.00	88.78 -5.17 0.00	94.08 -5.80 0.00	89.72 -7.05 -0.18	79.40 -5.97 -15.92	84.97 -8.39 -5.11	96.23 -8.07 -2.13	82.24 -7.62 -2.24	81.08 -6.62 -0.61	80.09 -7.24 -0.07	69.65 -6.30 -0.03	65.52 -5.85 0.00	61.46 -5.99 -0.93	65.10 -6.05 0.02	76.42 -5.11 -2.84	85.22 -4.80 -2.75	83.40 -4.63 -0.69	79.48 -4.32 -3.90	72.50 -7.14 30.28	56.55 -7.57 50.51	63.22 -6.23 24.85	70.61 -4.65 -0.30
INDECK___OSWEGO 23783	98.17 -4.09 0.00	90.86 -3.89 0.00	88.14 -3.86 0.00	90.09 -3.86 0.00	95.69 -4.19 0.00	93.09 -3.57 -0.07	73.77 -2.23 -6.54	93.03 -3.17 -7.96	102.10 -3.88 -3.81	87.75 -3.33 -3.45	84.33 -3.74 -0.98	83.74 -3.66 -0.14	72.74 -3.26 -0.09	68.38 -3.00 0.00	65.12 -2.79 -1.39	68.26 -2.92 0.00	79.78 -3.38 -4.47	88.19 -3.49 -4.42	89.71 -3.41 -5.77	81.27 -3.20 -4.57	106.78 -4.61 -1.47	109.48 -5.16 0.00	89.87 -4.43 0.00	71.79 -3.67 -0.51
INDECK___YERKES 23781	92.04 -10.23 0.00	85.27 -9.47 0.00	83.54 -8.46 0.00	85.96 -7.99 0.00	90.79 -9.09 0.00	88.82 -7.92 -0.15	76.61 -6.04 -13.20	84.90 -9.44 -6.10	92.49 -12.57 -2.89	80.64 -9.64 -2.65	76.85 -10.98 -0.73	76.88 -10.47 -0.09	66.70 -9.26 -0.05	63.03 -8.35 0.00	59.55 -8.05 -1.08	62.62 -8.54 0.02	71.45 -10.63 -3.38	79.15 -11.43 -3.32	69.96 -11.01 6.38	67.51 -9.27 3.12	66.89 -14.18 28.86	59.69 -14.33 40.61	65.32 -11.60 17.38	65.88 -9.45 -0.37
INDIAN POINT_GT_1 24139	108.00 5.73 -0.01	99.67 4.93 0.00	96.60 4.60 0.00	98.55 4.60 0.00	105.08 5.19 -0.01	106.55 5.80 -4.16	158.31 4.58 -84.28	196.78 5.91 -102.62	158.36 7.05 -49.14	138.42 6.31 -44.48	105.76 6.01 -12.66	95.18 6.11 -1.81	82.19 5.16 -1.12	76.16 4.78 0.00	88.94 4.46 -17.96	76.16 4.98 0.00	141.81 5.51 -57.60	150.75 6.46 -57.03	168.35 6.64 -74.36	144.74 5.91 -58.94	136.71 7.80 -18.98	124.35 7.45 -2.26	99.86 5.56 0.00	90.92 4.20 -11.77
INDIAN POINT_GT_2 23659	108.00 5.73 -0.01	99.67 4.93 0.00	96.60 4.60 0.00	98.55 4.60 0.00	105.08 5.19 -0.01	106.55 5.80 -4.16	158.31 4.58 -84.28	196.78 5.91 -102.62	158.36 7.05 -49.14	138.42 6.31 -44.48	105.76 6.01 -12.66	95.18 6.11 -1.81	82.19 5.16 -1.12	76.16 4.78 0.00	88.94 4.46 -17.96	76.16 4.98 0.00	141.81 5.51 -57.60	150.75 6.46 -57.03	168.35 6.64 -74.36	144.74 5.91 -58.94	136.71 7.80 -18.98	124.35 7.45 -2.26	99.86 5.56 0.00	90.92 4.20 -11.77
INDIAN POINT_GT_3 24019	108.00 5.73 -0.01	99.67 4.93 0.00	96.60 4.60 0.00	98.55 4.60 0.00	105.08 5.19 -0.01	106.55 5.80 -4.16	158.31 4.58 -84.28	196.78 5.91 -102.62	158.36 7.05 -49.14	138.42 6.31 -44.48	105.76 6.01 -12.66	95.18 6.11 -1.81	82.19 5.16 -1.12	76.16 4.78 0.00	88.94 4.46 -17.96	76.16 4.98 0.00	141.81 5.51 -57.60	150.75 6.46 -57.03	168.35 6.64 -74.36	144.74 5.91 -58.94	136.71 7.80 -18.98	124.35 7.45 -2.26	99.86 5.56 0.00	90.92 4.20 -11.77
INDIAN POINT___2 23530	107.79 5.52 -0.01	99.48 4.74 0.00	96.42 4.42 0.00	98.36 4.42 0.00	104.88 4.99 -0.01	106.39 5.70 -4.10	157.04 4.45 -83.14	195.14 5.65 -101.24	157.39 6.74 -48.47	137.64 6.13 -43.88	105.41 5.84 -12.49	94.90 5.85 -1.79	82.02 5.01 -1.10	76.01 4.64 0.00	88.50 4.26 -17.71	75.95 4.77 0.00	140.80 5.27 -56.83	149.72 6.20 -56.26	167.08 6.37 -73.36	143.71 5.67 -58.14	136.13 7.48 -18.73	123.97 7.11 -2.23	99.58 5.28 0.00	90.59 4.04 -11.59
INDIAN POINT___3 23531	107.89 5.62 -0.01	99.48 4.74 0.00	96.51 4.51 0.00	98.36 4.42 0.00	104.88 4.99 -0.01	106.46 5.70 -4.17	158.23 4.45 -84.33	196.59 5.65 -102.69	158.09 6.74 -49.17	138.19 6.05 -44.51	105.59 5.84 -12.67	94.92 5.85 -1.81	82.04 5.01 -1.12	76.02 4.64 0.00	88.81 4.32 -17.97	75.95 4.77 0.00	141.61 5.27 -57.64	150.52 6.20 -57.06	168.14 6.38 -74.41	144.54 5.67 -58.98	136.39 7.47 -19.00	124.00 7.11 -2.26	99.58 5.28 0.00	90.70 3.97 -11.78
INGHAM_C_115KV_TB7 356103	106.35 4.09 0.00	98.53 3.79 0.00	95.87 3.86 0.00	98.08 4.13 0.00	104.67 4.79 0.00	101.52 4.93 0.00	73.28 3.82 0.00	93.36 5.12 0.00	108.41 6.23 0.00	93.15 5.52 0.00	93.10 6.01 0.00	93.37 6.11 0.00	81.08 5.16 0.00	76.30 4.92 0.00	71.05 4.52 0.00	76.59 5.41 0.00	84.91 6.22 0.00	94.42 7.16 0.00	94.42 7.08 0.00	85.88 5.99 0.00	117.40 7.47 0.00	121.86 7.22 0.00	100.43 6.13 0.00	79.68 4.72 0.00
IP CORINTH___1 23988	110.84 8.49 -0.09	102.23 7.48 0.00	99.36 7.36 0.00	101.56 7.61 0.00	108.36 8.39 -0.09	141.81 8.50 -36.72	181.77 4.65 -107.66	225.09 5.74 -131.11	171.79 6.85 -62.77	149.45 4.99 -56.83	108.05 4.79 -16.17	93.94 4.36 -2.31	80.91 3.57 -1.43	74.73 3.35 0.00	92.72 3.26 -22.94	75.02 3.84 0.00	157.09 4.80 -73.59	165.96 5.85 -72.85	188.29 5.94 -95.00	160.38 5.19 -75.30	141.10 6.92 -24.25	134.81 10.09 -10.08	102.22 7.92 0.00	146.94 5.92 -66.07

IP___TICONDEROGA 23804	115.13 12.78 -0.09	106.11 11.37 0.00	103.14 11.13 0.00	105.50 11.56 0.00	112.65 12.68 -0.09	145.46 12.65 -36.22	185.12 8.20 -107.47	229.44 10.32 -130.87	176.99 12.16 -62.66	153.20 8.85 -56.72	111.68 8.45 -16.14	97.60 8.03 -2.31	83.79 6.45 -1.42	77.44 6.07 0.00	95.41 5.99 -22.90	78.15 6.98 0.00	161.04 8.89 -73.46	170.63 10.65 -72.72	192.92 10.74 -94.83	164.56 9.51 -75.16	146.66 12.53 -24.21	139.85 15.25 -9.96	106.18 11.88 0.00	149.18 8.99 -65.23
ISLIP_RES_REC 323679	112.38 9.72 -0.40	103.28 8.53 0.00	101.25 8.28 -0.96	101.84 7.89 0.00	109.07 9.18 -0.01	129.13 9.95 -22.59	162.15 7.57 -85.12	201.78 9.88 -103.66	163.14 11.34 -49.63	142.89 10.33 -44.93	109.20 9.32 -12.79	98.34 9.25 -1.83	85.82 7.97 -1.94	81.50 7.49 -2.63	96.69 7.05 -23.12	118.62 8.04 -39.40	145.46 8.58 -58.18	181.39 10.38 -83.75	190.33 10.39 -92.59	156.59 9.50 -67.19	151.10 12.42 -28.76	134.78 12.03 -8.11	110.44 9.34 -6.80	100.84 7.27 -18.61
JAMAICA__27_KV_LOAD 355505	108.20 5.93 -0.01	99.77 5.02 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.89 6.09 -4.21	159.60 5.00 -85.15	198.55 6.62 -103.69	159.99 8.17 -49.65	139.93 7.36 -44.94	106.93 7.05 -12.79	96.25 7.16 -1.83	83.04 6.00 -1.13	77.02 5.64 0.00	89.85 5.19 -18.14	77.01 5.84 0.00	143.35 6.45 -58.20	152.47 7.59 -57.62	170.26 7.77 -75.13	146.39 6.95 -59.55	138.33 9.23 -19.18	125.40 8.48 -2.28	100.52 6.22 0.00	91.42 4.57 -11.89
JANIS___SOLAR 323808	106.15 3.88 0.00	98.25 3.51 0.00	95.41 3.41 0.00	97.80 3.85 0.00	104.17 4.29 0.00	103.52 5.02 -1.91	96.88 4.45 -22.97	149.46 5.47 -55.74	135.30 5.82 -27.30	115.77 4.03 -24.11	97.13 3.13 -6.91	91.26 2.97 -1.03	78.69 2.12 -0.65	73.45 2.07 0.00	78.21 1.99 -9.69	74.21 2.99 -0.04	113.99 3.93 -31.37	124.47 5.15 -32.06	137.90 5.24 -45.31	112.45 4.31 -28.25	184.51 4.95 -69.64	217.27 4.12 -98.51	145.48 2.74 -48.45	83.10 1.87 -6.27
JARVIS____ 23743	102.98 0.72 0.00	95.32 0.57 0.00	92.56 0.56 0.00	94.51 0.57 0.00	100.58 0.70 0.00	97.46 0.87 0.00	70.15 0.69 0.00	89.04 0.79 0.00	103.09 0.92 0.00	88.41 0.79 0.00	87.87 0.78 0.00	88.05 0.78 0.00	76.52 0.60 0.00	71.94 0.57 0.00	67.05 0.53 0.00	71.74 0.57 0.00	79.32 0.63 0.00	88.05 0.78 0.00	88.13 0.78 0.00	80.53 0.64 0.00	110.70 0.77 0.00	115.33 0.69 0.00	94.87 0.57 0.00	75.33 0.38 0.00
JENNISON___1 23625	106.87 4.60 -0.01	98.91 4.17 0.00	96.05 4.05 0.00	98.27 4.32 0.00	104.98 5.09 -0.01	105.23 5.60 -3.04	103.80 4.72 -29.62	136.12 6.00 -41.87	129.30 6.95 -20.18	110.85 5.08 -18.14	96.79 4.53 -5.17	92.37 4.36 -0.75	79.64 3.26 -0.46	74.52 3.14 0.00	76.83 2.99 -7.31	75.10 3.91 -0.01	107.02 4.80 -23.52	117.23 5.93 -24.03	124.97 6.11 -31.50	107.62 4.95 -22.77	135.48 5.94 -19.63	141.11 5.16 -21.31	108.01 3.58 -10.13	84.58 2.55 -7.07
JENNISON___2 23626	106.87 4.60 -0.01	98.91 4.17 0.00	96.05 4.05 0.00	98.27 4.32 0.00	104.98 5.09 -0.01	105.23 5.60 -3.04	103.80 4.72 -29.62	136.12 6.00 -41.87	129.30 6.95 -20.18	110.85 5.08 -18.14	96.79 4.53 -5.17	92.37 4.36 -0.75	79.64 3.26 -0.46	74.52 3.14 0.00	76.83 2.99 -7.31	75.10 3.91 -0.01	107.02 4.80 -23.52	117.23 5.93 -24.03	124.97 6.11 -31.50	107.62 4.95 -22.77	135.48 5.94 -19.63	141.11 5.16 -21.31	108.01 3.58 -10.13	84.58 2.55 -7.07
JERICHO_RISE_WT_PWR 323719	100.32 -1.95 0.00	93.22 -1.52 0.00	90.72 -1.29 0.00	92.26 -1.69 0.00	98.08 -1.79 0.00	94.27 -2.32 0.00	67.86 -1.59 0.00	86.74 -1.50 0.00	100.23 -1.94 0.00	85.88 -1.75 0.00	86.05 -1.04 0.00	86.13 -1.14 0.00	75.30 -0.61 0.00	70.66 -0.71 0.00	65.99 -0.53 0.00	70.47 -0.71 0.00	78.54 -0.16 0.00	86.66 -0.61 0.00	86.56 -0.79 0.00	79.09 -0.80 0.00	108.93 -0.99 0.00	113.95 -0.68 0.00	94.30 0.00 0.00	75.70 0.75 0.00
KATONAH___115KV_46KV_TB4 355592	109.33 7.06 -0.01	100.81 6.06 0.00	97.80 5.80 0.00	99.68 5.73 0.00	106.48 6.59 -0.01	108.02 7.15 -4.28	161.43 5.76 -86.21	200.90 7.68 -104.98	161.43 8.99 -50.27	141.11 7.97 -45.51	107.53 7.49 -12.95	96.71 7.59 -1.85	83.51 6.45 -1.14	77.23 5.85 0.00	90.35 5.45 -18.37	77.23 6.05 0.00	144.47 6.85 -58.93	153.80 8.20 -58.34	172.15 8.73 -76.07	147.70 7.51 -60.29	139.34 10.00 -19.42	126.47 9.51 -2.32	101.46 7.17 0.00	92.50 5.47 -12.07
KCE_NY_1 323755	109.40 7.05 -0.09	101.00 6.25 0.00	98.07 6.07 0.00	100.24 6.30 0.00	106.85 6.89 -0.09	139.36 6.96 -35.81	181.49 4.73 -107.31	224.74 5.82 -130.68	171.69 6.95 -62.57	149.70 5.43 -56.64	108.35 5.14 -16.12	94.54 4.97 -2.31	81.51 4.17 -1.42	75.30 3.92 0.00	93.18 3.79 -22.86	75.52 4.34 0.00	157.24 5.19 -73.35	165.98 6.11 -72.61	188.15 6.11 -94.69	160.45 5.51 -75.05	141.46 7.37 -24.17	132.87 8.36 -9.87	100.80 6.50 0.00	144.55 5.02 -64.57
KCE_NY_6_ESR 323823	93.67 -8.59 0.00	86.79 -7.96 0.00	85.01 -7.00 0.00	87.47 -6.48 0.00	92.59 -7.29 0.00	89.89 -6.86 -0.16	78.15 -5.35 -14.04	85.56 -8.56 -5.87	94.21 -10.52 -2.56	81.78 -8.41 -2.56	78.57 -9.23 -0.71	78.45 -8.90 -0.09	68.06 -7.90 -0.05	64.24 -7.14 0.00	60.59 -6.98 -1.05	63.83 -7.33 0.02	73.16 -8.81 -3.28	81.22 -9.25 -3.21	69.45 -9.09 8.82	66.96 -8.07 4.87	64.01 -12.53 33.37	55.56 -12.84 46.24	64.33 -10.47 19.49	67.14 -8.17 -0.36
KEDC_PORT_JEFF_GT2 24210	111.97 9.30 -0.40	102.89 8.15 0.00	100.97 8.00 -0.96	101.55 7.61 0.00	108.68 8.79 -0.01	128.65 9.47 -22.59	161.73 7.16 -85.12	201.25 9.35 -103.66	162.53 10.73 -49.63	142.37 9.81 -44.93	108.76 8.89 -12.79	98.00 8.91 -1.83	85.52 7.66 -1.94	81.21 7.21 -2.63	96.36 6.72 -23.12	118.34 7.76 -39.40	145.06 8.18 -58.18	180.61 9.60 -83.75	189.46 9.52 -92.59	156.11 9.03 -67.19	150.56 11.88 -28.76	134.20 11.46 -8.11	110.06 8.96 -6.80	100.54 6.97 -18.61
KEDC_PORT_JEFF_GT3 24211	111.97 9.30 -0.40	102.89 8.15 0.00	100.97 8.00 -0.96	101.55 7.61 0.00	108.68 8.79 -0.01	128.65 9.47 -22.59	161.73 7.16 -85.12	201.25 9.35 -103.66	162.53 10.73 -49.63	142.37 9.81 -44.93	108.76 8.89 -12.79	98.00 8.91 -1.83	85.52 7.66 -1.94	81.21 7.21 -2.63	96.36 6.72 -23.12	118.34 7.76 -39.40	145.06 8.18 -58.18	180.61 9.60 -83.75	189.46 9.52 -92.59	156.11 9.03 -67.19	150.56 11.88 -28.76	134.20 11.46 -8.11	110.06 8.96 -6.80	100.54 6.97 -18.61
KEDC_GLWD_GT4 24219	110.03 7.37 -0.40	101.09 6.35 0.00	99.04 6.07 -0.96	99.77 5.83 0.00	106.68 6.80 -0.01	126.62 7.44 -22.59	160.28 5.70 -85.12	199.40 7.50 -103.66	160.59 8.79 -49.63	140.61 8.06 -44.93	107.37 7.49 -12.79	96.68 7.59 -1.83	84.38 6.53 -1.94	80.14 6.14 -2.63	95.29 5.65 -23.12	116.84 6.27 -39.40	143.72 6.84 -58.18	179.21 8.20 -83.75	188.32 8.39 -92.59	154.59 7.51 -67.19	148.68 10.00 -28.76	132.25 9.51 -8.11	108.26 7.16 -6.80	99.04 5.47 -18.61
KEDC_GLWD_GT5 24220	110.03 7.37 -0.40	101.09 6.35 0.00	99.04 6.07 -0.96	99.77 5.83 0.00	106.68 6.80 -0.01	126.62 7.44 -22.59	160.28 5.70 -85.12	199.40 7.50 -103.66	160.59 8.79 -49.63	140.61 8.06 -44.93	107.37 7.49 -12.79	96.68 7.59 -1.83	84.38 6.53 -1.94	80.14 6.14 -2.63	95.29 5.65 -23.12	116.84 6.27 -39.40	143.72 6.84 -58.18	179.21 8.20 -83.75	188.32 8.39 -92.59	154.59 7.51 -67.19	148.68 10.00 -28.76	132.25 9.51 -8.11	108.26 7.16 -6.80	99.04 5.47 -18.61

KENSICO____ 23655	108.20 5.93 -0.01	99.86 5.12 0.00	96.79 4.78 0.00	98.64 4.70 0.00	105.28 5.39 -0.01	106.78 5.99 -4.20	159.15 4.72 -84.97	197.80 6.09 -103.47	158.97 7.25 -49.54	139.05 6.57 -44.85	106.12 6.27 -12.76	95.46 6.37 -1.83	82.43 5.39 -1.12	76.37 5.00 0.00	89.28 4.66 -18.10	76.37 5.20 0.00	142.44 5.67 -58.08	151.39 6.63 -57.49	169.13 6.81 -74.97	145.39 6.07 -59.42	137.08 8.02 -19.14	124.59 7.68 -2.28	100.05 5.75 0.00	91.17 4.35 -11.87
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	108.71 6.44 -0.01	100.33 5.59 0.00	97.34 5.34 0.00	99.30 5.35 0.00	105.98 6.09 -0.01	108.21 6.86 -4.76	156.48 5.35 -81.67	194.58 6.88 -99.46	157.76 7.97 -47.62	137.57 6.83 -43.11	105.54 6.18 -12.27	95.39 6.37 -1.75	82.23 5.24 -1.08	76.23 4.85 0.00	88.51 4.59 -17.40	76.44 5.27 0.00	140.66 6.14 -55.83	149.86 7.33 -55.27	167.01 7.60 -72.07	143.72 6.71 -57.12	137.22 8.90 -18.40	125.36 8.37 -2.36	100.62 6.32 0.00	92.26 4.72 -12.58
KIAC_JFK_GT1 23816	107.18 4.91 -0.01	98.82 4.07 0.00	95.68 3.68 0.00	97.52 3.57 0.00	104.08 4.19 -0.01	105.92 5.12 -4.21	158.84 4.24 -85.15	197.67 5.74 -103.69	158.97 7.15 -49.65	139.06 6.48 -44.94	106.06 6.18 -12.79	95.37 6.28 -1.83	82.28 5.24 -1.13	76.30 4.92 0.00	89.19 4.52 -18.14	76.30 5.12 0.00	142.56 5.67 -58.20	151.60 6.72 -57.62	169.38 6.90 -75.13	145.59 6.15 -59.55	137.12 8.02 -19.18	124.25 7.34 -2.28	99.58 5.28 0.00	90.67 3.82 -11.89
KIAC_JFK_GT2 23817	107.18 4.91 -0.01	98.82 4.07 0.00	95.68 3.68 0.00	97.52 3.57 0.00	104.08 4.19 -0.01	105.92 5.12 -4.21	158.84 4.24 -85.15	197.67 5.74 -103.69	158.97 7.15 -49.65	139.06 6.48 -44.94	106.06 6.18 -12.79	95.37 6.28 -1.83	82.28 5.24 -1.13	76.30 4.92 0.00	89.19 4.52 -18.14	76.30 5.12 0.00	142.56 5.67 -58.20	151.60 6.72 -57.62	169.38 6.90 -75.13	145.59 6.15 -59.55	137.12 8.02 -19.18	124.25 7.34 -2.28	99.58 5.28 0.00	90.67 3.82 -11.89
KIAC_JFK____ 323774	107.18 4.91 -0.01	98.82 4.07 0.00	95.69 3.68 0.00	97.52 3.57 0.00	104.08 4.19 -0.01	105.92 5.12 -4.21	158.84 4.24 -85.15	197.59 5.65 -103.69	158.97 7.15 -49.65	139.15 6.58 -44.94	106.06 6.18 -12.79	95.29 6.20 -1.83	82.27 5.23 -1.13	76.30 4.92 0.00	89.19 4.53 -18.14	76.30 5.13 0.00	142.57 5.67 -58.20	151.60 6.72 -57.62	169.38 6.90 -75.13	145.59 6.15 -59.55	137.12 8.02 -19.18	124.26 7.34 -2.28	99.58 5.28 0.00	90.67 3.82 -11.89
KINTIGH____ 23543	92.96 -9.31 0.00	86.12 -8.62 0.00	84.18 -7.82 0.00	86.15 -7.80 0.00	91.59 -8.29 0.00	90.06 -6.66 -0.13	76.37 -4.72 -11.63	86.34 -8.21 -6.31	93.80 -11.14 -2.76	82.05 -8.32 -2.75	77.85 -10.02 -0.77	78.11 -9.25 -0.10	67.54 -8.43 -0.06	63.88 -7.49 0.00	60.53 -7.12 -1.12	63.62 -7.54 0.01	72.15 -10.07 -3.52	79.65 -11.08 -3.47	74.34 -10.74 2.26	70.16 -9.59 0.15	74.43 -14.29 21.20	69.11 -14.67 30.86	68.68 -11.88 13.74	65.68 -9.67 -0.39
KNTFSRNC_46_KV_46KV_LOAD 80397	101.55 -0.72 0.00	94.37 -0.38 0.00	91.91 -0.09 0.00	93.38 -0.56 0.00	99.28 -0.60 0.00	95.72 -0.87 0.00	69.32 -0.14 0.00	88.42 0.18 0.00	101.87 -0.31 0.00	87.19 -0.44 0.00	87.35 0.26 0.00	87.44 0.17 0.00	76.52 0.61 0.00	71.80 0.43 0.00	67.12 0.60 0.00	71.75 0.57 0.00	80.03 1.34 0.00	88.40 1.13 0.00	88.31 0.96 0.00	80.61 0.72 0.00	110.47 0.55 0.00	115.44 0.80 0.00	95.43 1.13 0.00	77.28 2.32 0.00
LACHUTE__HYDRO 323717	115.13 12.78 -0.09	106.11 11.36 0.00	103.13 11.13 0.00	105.50 11.55 0.00	112.65 12.69 -0.09	145.46 12.65 -36.22	185.11 8.19 -107.47	229.34 10.23 -130.87	176.88 12.05 -62.66	153.20 8.85 -56.72	111.68 8.45 -16.14	97.59 8.02 -2.31	83.78 6.45 -1.42	77.44 6.06 0.00	95.41 5.99 -22.90	78.16 6.98 0.00	161.04 8.89 -73.46	170.62 10.64 -72.72	193.00 10.83 -94.83	164.55 9.50 -75.16	146.65 12.53 -24.21	139.85 15.25 -9.96	106.18 11.88 0.00	149.18 8.99 -65.23
LAWRNCV_115KV_TB1 80681	102.16 -0.10 0.00	95.03 0.28 0.00	92.56 0.55 0.00	94.14 0.19 0.00	99.68 -0.20 0.00	95.24 -1.35 0.00	68.55 -0.90 0.00	87.63 -0.62 0.00	101.25 -0.92 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.74 -0.52 0.00	75.84 -0.08 0.00	71.16 -0.21 0.00	66.46 -0.07 0.00	70.54 -0.64 0.00	78.30 -0.39 0.00	86.56 -0.70 0.00	86.48 -0.87 0.00	79.01 -0.88 0.00	108.71 -1.21 0.00	113.95 -0.69 0.00	94.68 0.38 0.00	76.30 1.35 0.00
LEDERLE____ 23769	108.10 5.83 -0.01	99.77 5.02 0.00	96.70 4.69 0.00	98.64 4.70 0.00	105.18 5.29 -0.01	106.62 5.99 -4.04	156.08 4.65 -81.97	194.07 6.00 -99.82	156.91 6.95 -47.79	137.12 6.22 -43.27	105.32 5.92 -12.31	95.04 6.02 -1.76	82.08 5.09 -1.09	76.09 4.71 0.00	88.38 4.39 -17.47	76.09 4.91 0.00	140.15 5.43 -56.03	149.10 6.37 -55.47	166.23 6.55 -72.33	143.05 5.83 -57.33	136.08 7.69 -18.46	124.05 7.22 -2.19	99.77 5.47 0.00	90.50 4.12 -11.42
LIGHTHSE_115KV_TB6 355974	100.83 -1.43 0.00	93.32 -1.42 0.00	90.35 -1.66 0.00	92.26 -1.69 0.00	98.18 -1.70 0.00	95.50 -1.16 -0.07	75.19 -0.28 -6.01	95.04 -0.53 -7.32	104.66 -1.02 -3.50	89.75 -1.05 -3.17	86.51 -1.48 -0.90	85.82 -1.57 -0.13	74.47 -1.52 -0.08	70.02 -1.36 0.00	66.61 -1.20 -1.28	70.04 -1.14 0.00	81.46 -1.34 -4.11	90.28 -1.05 -4.07	91.69 -0.96 -5.30	83.06 -1.04 -4.20	109.41 -1.87 -1.35	112.23 -2.41 0.00	92.13 -2.17 0.00	73.62 -1.80 -0.47
LINDEN COGEN____ 23786	53.74 5.21 53.74	48.82 4.36 50.29	45.76 4.04 50.29	47.62 3.95 50.28	54.24 4.50 50.14	55.84 5.31 46.06	54.96 4.24 18.73	52.88 5.56 40.93	38.57 6.95 70.55	31.47 6.39 62.55	28.34 6.09 64.84	27.57 6.11 65.80	33.26 5.16 47.82	32.54 4.86 43.69	32.17 4.46 38.81	25.55 4.98 50.61	30.41 5.51 53.79	32.68 6.46 61.04	32.98 6.55 60.92	30.98 5.83 54.74	28.73 7.69 88.88	35.06 7.11 86.69	31.58 5.18 67.90	60.45 3.90 18.40
LINDHRST_69_KV_BK1 356055	111.36 8.69 -0.40	102.42 7.67 0.00	100.33 7.36 -0.96	101.18 7.23 0.00	107.98 8.09 -0.01	128.07 8.89 -22.59	161.25 6.67 -85.12	200.64 8.74 -103.66	161.92 10.12 -49.63	141.50 8.94 -44.93	108.41 8.53 -12.79	97.73 8.64 -1.83	85.37 7.52 -1.94	81.00 6.99 -2.63	96.16 6.52 -23.12	117.91 7.33 -39.40	144.75 7.87 -58.18	180.43 9.42 -83.75	189.55 9.61 -92.59	155.71 8.63 -67.19	150.11 11.43 -28.76	133.86 11.12 -8.11	109.59 8.49 -6.80	100.09 6.52 -18.61
LIPA_MISC_IPP 23656	111.56 8.90 -0.40	102.61 7.86 0.00	100.51 7.54 -0.96	101.37 7.42 0.00	108.18 8.29 -0.01	128.26 9.08 -22.59	161.46 6.88 -85.12	200.99 9.09 -103.66	162.12 10.32 -49.63	141.58 9.03 -44.93	108.24 8.36 -12.79	97.47 8.38 -1.83	84.99 7.14 -1.94	80.71 6.71 -2.63	95.89 6.25 -23.12	117.91 7.33 -39.40	144.51 7.63 -58.18	180.26 9.25 -83.75	189.20 9.26 -92.59	155.63 8.55 -67.19	149.67 10.99 -28.76	133.29 10.55 -8.11	109.40 8.30 -6.80	100.09 6.52 -18.61
LISF__SOLAR 323691	111.76 9.10 -0.40	102.79 8.05 0.00	100.78 7.82 -0.96	101.37 7.42 0.00	108.48 8.59 -0.01	128.55 9.37 -22.59	161.73 7.16 -85.12	201.25 9.35 -103.66	162.43 10.63 -49.63	142.20 9.64 -44.93	108.42 8.54 -12.79	97.55 8.46 -1.83	85.07 7.22 -1.94	80.86 6.85 -2.63	96.09 6.45 -23.12	118.05 7.47 -39.40	144.67 7.79 -58.18	180.61 9.60 -83.75	189.46 9.52 -92.59	155.87 8.79 -67.19	150.00 11.32 -28.76	133.51 10.77 -8.11	109.68 8.58 -6.80	100.32 6.75 -18.61

LITTLE FALLS___HYD 24013	106.35 4.09 0.00	98.53 3.79 0.00	95.87 3.86 0.00	98.08 4.13 0.00	104.67 4.79 0.00	101.52 4.93 0.00	73.28 3.82 0.00	93.36 5.12 0.00	108.41 6.23 0.00	93.15 5.52 0.00	93.10 6.01 0.00	93.37 6.11 0.00	81.08 5.16 0.00	76.30 4.92 0.00	71.05 4.52 0.00	76.59 5.41 0.00	84.91 6.22 0.00	94.42 7.16 0.00	94.42 7.08 0.00	85.88 5.99 0.00	117.40 7.47 0.00	121.86 7.22 0.00	100.43 6.13 0.00	79.68 4.72 0.00
LITTLRIV_115KV_TB1 356100	103.49 1.23 0.00	96.26 1.52 0.00	93.75 1.75 0.00	95.36 1.41 0.00	101.08 1.20 0.00	96.49 -0.10 0.00	69.46 0.00 0.00	88.95 0.71 0.00	102.68 0.51 0.00	87.89 0.26 0.00	87.96 0.87 0.00	87.70 0.44 0.00	76.60 0.68 0.00	71.95 0.57 0.00	67.19 0.67 0.00	71.46 0.28 0.00	79.32 0.63 0.00	87.87 0.61 0.00	87.79 0.44 0.00	80.13 0.24 0.00	110.25 0.33 0.00	115.55 0.92 0.00	95.90 1.60 0.00	77.28 2.32 0.00
LI_NEWBRDGE___DRP 323616	109.72 7.06 -0.40	100.81 6.06 0.00	98.76 5.80 -0.96	99.68 5.73 0.00	106.28 6.39 -0.01	126.33 7.15 -22.59	159.93 5.35 -85.12	198.87 6.97 -103.66	160.08 8.28 -49.63	140.01 7.45 -44.93	106.93 7.05 -12.79	96.33 7.24 -1.83	84.16 6.30 -1.94	79.86 5.85 -2.63	95.03 5.39 -23.12	116.63 6.05 -39.40	143.33 6.45 -58.18	178.69 7.68 -83.75	187.80 7.86 -92.59	154.12 7.03 -67.19	148.02 9.34 -28.76	131.68 8.94 -8.11	107.89 6.79 -6.80	98.74 5.17 -18.61
LOCKPORT_115KV_TB60_63_64 80432	91.42 -10.84 0.00	84.80 -9.95 0.00	83.08 -8.92 0.00	84.93 -9.02 0.00	90.29 -9.59 0.00	88.52 -8.21 -0.14	75.90 -6.18 -12.63	84.46 -10.06 -6.27	92.58 -12.98 -3.39	80.52 -9.81 -2.71	76.34 -11.50 -0.74	76.45 -10.91 -0.09	66.25 -9.72 -0.05	62.60 -8.78 0.00	59.23 -8.38 -1.09	62.34 -8.83 0.01	71.10 -11.02 -3.43	78.58 -12.04 -3.36	70.91 -11.53 4.91	67.60 -10.23 2.06	68.39 -15.50 26.03	62.26 -15.71 36.67	65.77 -12.64 15.90	64.99 -10.34 -0.38
LOCKPORT___CC1 323769	91.01 -11.25 0.00	84.42 -10.32 0.00	82.71 -9.29 0.00	85.11 -8.83 0.00	89.89 -9.99 0.00	88.04 -8.69 -0.14	75.66 -6.53 -12.73	83.28 -10.41 -5.45	88.56 -13.49 0.12	79.88 -10.25 -2.50	75.90 -11.93 -0.74	76.01 -11.34 -0.09	65.94 -10.02 -0.05	62.31 -9.07 0.00	58.96 -8.65 -1.09	62.05 -9.11 0.02	70.77 -11.33 -3.41	78.39 -12.22 -3.34	69.84 -11.79 5.71	66.74 -10.46 2.69	66.97 -15.83 27.12	60.82 -16.05 37.76	65.08 -13.01 16.21	65.06 -10.27 -0.37
LOCKPORT___CC2 323770	91.01 -11.25 0.00	84.42 -10.32 0.00	82.71 -9.29 0.00	85.11 -8.83 0.00	89.89 -9.99 0.00	88.04 -8.69 -0.14	75.66 -6.53 -12.73	83.28 -10.41 -5.45	88.56 -13.49 0.12	79.88 -10.25 -2.50	75.90 -11.93 -0.74	76.01 -11.34 -0.09	65.94 -10.02 -0.05	62.31 -9.07 0.00	58.96 -8.65 -1.09	62.05 -9.11 0.02	70.77 -11.33 -3.41	78.39 -12.22 -3.34	69.84 -11.79 5.71	66.74 -10.46 2.69	66.97 -15.83 27.12	60.82 -16.05 37.76	65.08 -13.01 16.21	65.06 -10.27 -0.37
LOCKPORT___CC3 323771	91.01 -11.25 0.00	84.42 -10.32 0.00	82.71 -9.29 0.00	85.11 -8.83 0.00	89.89 -9.99 0.00	88.04 -8.69 -0.14	75.66 -6.53 -12.73	83.28 -10.41 -5.45	88.56 -13.49 0.12	79.88 -10.25 -2.50	75.90 -11.93 -0.74	76.01 -11.34 -0.09	65.94 -10.02 -0.05	62.31 -9.07 0.00	58.96 -8.65 -1.09	62.05 -9.11 0.02	70.77 -11.33 -3.41	78.39 -12.22 -3.34	69.84 -11.79 5.71	66.74 -10.46 2.69	66.97 -15.83 27.12	60.82 -16.05 37.76	65.08 -13.01 16.21	65.06 -10.27 -0.37
LONG_LAKE_PHOENIX 24014	99.50 -2.76 0.00	92.00 -2.75 0.00	89.34 -2.67 0.00	91.22 -2.72 0.00	96.98 -2.90 0.00	94.35 -2.32 -0.08	75.02 -1.18 -6.75	94.52 -1.94 -8.22	103.55 -2.55 -3.93	89.09 -2.10 -3.56	85.49 -2.61 -1.01	84.88 -2.53 -0.15	73.65 -2.35 -0.09	69.24 -2.14 0.00	66.03 -1.93 -1.44	69.18 -1.99 0.00	80.95 -2.36 -4.61	89.47 -2.36 -4.57	91.03 -2.27 -5.95	82.46 -2.16 -4.72	108.25 -3.19 -1.52	110.97 -3.67 0.00	91.00 -3.30 0.00	72.63 -2.85 -0.52
LOVETT___3 23632	107.59 5.32 -0.01	99.29 4.55 0.00	96.24 4.23 0.00	98.18 4.23 0.00	104.68 4.79 -0.01	106.15 5.51 -4.05	155.98 4.24 -82.29	193.92 5.47 -100.21	156.49 6.33 -47.98	136.76 5.70 -43.44	104.85 5.40 -12.36	94.53 5.50 -1.77	81.63 4.63 -1.09	75.73 4.35 0.00	88.05 3.99 -17.53	75.66 4.48 0.00	139.90 4.96 -56.25	148.70 5.76 -55.68	165.90 5.94 -72.61	142.72 5.27 -57.55	135.49 7.03 -18.54	123.37 6.53 -2.20	99.20 4.90 0.00	90.10 3.67 -11.47
LOVETT___4 23642	107.59 5.32 -0.01	99.29 4.55 0.00	96.24 4.23 0.00	98.18 4.23 0.00	104.68 4.79 -0.01	106.15 5.51 -4.05	155.98 4.24 -82.29	193.92 5.47 -100.21	156.49 6.33 -47.98	136.76 5.70 -43.44	104.85 5.40 -12.36	94.53 5.50 -1.77	81.63 4.63 -1.09	75.73 4.35 0.00	88.05 3.99 -17.53	75.66 4.48 0.00	139.90 4.96 -56.25	148.70 5.76 -55.68	165.90 5.94 -72.61	142.72 5.27 -57.55	135.49 7.03 -18.54	123.37 6.53 -2.20	99.20 4.90 0.00	90.10 3.67 -11.47
LOVETT___5 23593	107.59 5.32 -0.01	99.29 4.55 0.00	96.24 4.23 0.00	98.18 4.23 0.00	104.68 4.79 -0.01	106.15 5.51 -4.05	155.98 4.24 -82.29	193.92 5.47 -100.21	156.49 6.33 -47.98	136.76 5.70 -43.44	104.85 5.40 -12.36	94.53 5.50 -1.77	81.63 4.63 -1.09	75.73 4.35 0.00	88.05 3.99 -17.53	75.66 4.48 0.00	139.90 4.96 -56.25	148.70 5.76 -55.68	165.90 5.94 -72.61	142.72 5.27 -57.55	135.49 7.03 -18.54	123.37 6.53 -2.20	99.20 4.90 0.00	90.10 3.67 -11.47
LOWER RAQUET___HYD 24057	102.16 -0.10 0.00	95.03 0.29 0.00	92.56 0.56 0.00	94.04 0.09 0.00	99.68 -0.20 0.00	95.14 -1.45 0.00	68.48 -0.97 0.00	87.63 -0.61 0.00	101.25 -0.92 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.83 -0.43 0.00	75.84 -0.08 0.00	71.16 -0.21 0.00	66.46 -0.07 0.00	70.54 -0.64 0.00	78.22 -0.47 0.00	86.48 -0.79 0.00	86.39 -0.96 0.00	78.85 -1.04 0.00	108.61 -1.31 0.00	113.84 -0.80 0.00	94.68 0.38 0.00	76.15 1.20 0.00
LOWER___HUDSON 24059	108.06 5.72 -0.07	99.76 5.02 0.00	96.78 4.78 0.00	98.83 4.88 0.00	105.34 5.39 -0.07	132.49 5.70 -30.20	178.87 4.03 -105.39	221.43 4.85 -128.34	169.54 5.92 -61.45	148.25 4.99 -55.63	107.79 4.87 -15.83	94.41 4.88 -2.26	81.48 4.17 -1.40	75.30 3.92 0.00	92.63 3.66 -22.45	75.16 3.98 0.00	155.21 4.48 -72.04	163.72 5.15 -71.31	185.49 5.15 -92.99	158.31 4.71 -73.71	139.92 6.26 -23.74	129.84 6.65 -8.56	99.58 5.28 0.00	134.33 4.04 -55.33
LOWVILLE_115KV_TB2 356335	103.90 1.64 0.00	96.26 1.52 0.00	93.38 1.38 0.00	95.26 1.32 0.00	102.27 2.40 0.00	99.13 2.51 -0.03	74.67 2.29 -2.92	94.98 3.18 -3.56	107.35 3.47 -1.70	91.54 2.37 -1.54	89.79 2.26 -0.44	89.25 1.92 -0.06	77.32 1.37 -0.04	72.66 1.28 0.00	68.41 1.26 -0.62	72.74 1.57 0.00	82.11 1.42 -2.00	91.33 2.09 -1.98	92.20 2.27 -2.58	83.69 1.76 -2.04	112.45 1.87 -0.66	116.01 1.38 0.00	95.34 1.04 0.00	76.08 0.90 -0.23
LUTHERFT_115KV_GLOB_FND_222 355753	109.30 6.95 -0.09	100.90 6.16 0.00	97.98 5.98 0.00	100.15 6.20 0.00	106.76 6.79 -0.09	139.36 6.95 -35.81	181.49 4.72 -107.31	224.66 5.74 -130.68	171.59 6.85 -62.57	149.61 5.35 -56.64	108.35 5.14 -16.12	94.54 4.97 -2.31	81.51 4.18 -1.42	75.30 3.93 0.00	93.18 3.79 -22.86	75.45 4.27 0.00	157.16 5.12 -73.35	165.81 5.93 -72.61	188.06 6.03 -94.69	160.37 5.43 -75.05	141.35 7.25 -24.17	132.76 8.25 -9.87	100.71 6.41 0.00	144.40 4.87 -64.57

LUTHERNY_35_KV_BK2 355980	109.41 7.06 -0.09	101.00 6.25 0.00	98.08 6.07 0.00	100.15 6.20 0.00	106.86 6.89 -0.09	139.36 6.95 -35.81	181.49 4.72 -107.31	224.75 5.82 -130.68	171.69 6.95 -62.57	149.70 5.43 -56.64	108.35 5.14 -16.12	94.63 5.06 -2.31	81.51 4.18 -1.42	75.30 3.93 0.00	93.18 3.79 -22.86	75.52 4.34 0.00	157.24 5.19 -73.35	165.90 6.02 -72.61	188.15 6.11 -94.69	160.45 5.51 -75.05	141.46 7.36 -24.17	132.87 8.37 -9.87	100.80 6.51 0.00	144.47 4.95 -64.57
LWR___OSWEGATCHIE_HYD 23850	102.57 0.31 0.00	95.31 0.57 0.00	92.56 0.55 0.00	94.32 0.38 0.00	100.48 0.60 0.00	96.62 0.00 -0.02	71.98 0.35 -2.17	91.77 0.88 -2.65	104.26 0.82 -1.27	89.12 0.35 -1.15	88.03 0.61 -0.33	87.57 0.26 -0.05	76.17 0.23 -0.03	71.52 0.14 0.00	67.25 0.27 -0.46	71.25 0.07 0.00	80.26 0.08 -1.49	89.08 0.35 -1.47	89.62 0.35 -1.92	81.49 0.08 -1.52	110.19 -0.22 -0.49	114.41 -0.23 0.00	94.58 0.28 0.00	75.95 0.82 -0.17
LYONS_FALL_HYD 23570	104.51 2.25 0.00	96.83 2.08 0.00	93.94 1.94 0.00	95.92 1.98 0.00	102.57 2.70 0.00	99.52 2.90 -0.03	74.69 2.50 -2.74	94.93 3.35 -3.34	107.55 3.78 -1.60	91.70 2.63 -1.45	90.03 2.53 -0.41	89.59 2.27 -0.06	77.62 1.67 -0.04	73.02 1.64 0.00	68.64 1.53 -0.58	73.02 1.85 0.00	82.45 1.89 -1.87	91.65 2.53 -1.85	92.48 2.71 -2.42	83.97 2.16 -1.92	113.07 2.53 -0.62	116.81 2.17 0.00	95.90 1.60 0.00	76.44 1.27 -0.21
MADISON___COUNTY_LFGE 323628	105.23 2.97 0.00	97.49 2.75 0.00	94.58 2.58 0.00	96.67 2.72 0.00	103.07 3.20 0.00	100.22 3.57 -0.05	77.29 2.99 -4.85	97.77 3.62 -5.91	109.09 4.09 -2.83	93.25 3.07 -2.56	90.61 2.79 -0.73	89.98 2.62 -0.10	77.88 1.90 -0.06	73.23 1.86 0.00	69.35 1.80 -1.03	73.38 2.21 0.00	84.45 2.44 -3.32	93.60 3.05 -3.28	94.77 3.14 -4.28	85.92 2.64 -3.39	114.20 3.19 -1.09	117.50 2.87 0.00	96.28 1.98 0.00	76.76 1.42 -0.38
MALONE___115KV_TB1 356076	102.26 0.00 0.00	95.12 0.38 0.00	92.74 0.74 0.00	94.14 0.19 0.00	99.88 0.00 0.00	96.20 -0.39 0.00	69.66 0.21 0.00	88.86 0.62 0.00	102.38 0.20 0.00	87.71 0.09 0.00	87.79 0.70 0.00	87.70 0.44 0.00	76.75 0.84 0.00	72.02 0.64 0.00	67.32 0.80 0.00	71.75 0.57 0.00	79.95 1.26 0.00	88.40 1.13 0.00	88.31 0.96 0.00	80.61 0.72 0.00	110.47 0.55 0.00	115.44 0.80 0.00	95.62 1.32 0.00	77.20 2.25 0.00
MAPLEWOD_115KV_TB3 80458	107.23 4.91 -0.06	99.10 4.36 0.00	96.14 4.14 0.00	98.18 4.23 0.00	104.63 4.69 -0.06	125.60 4.73 -24.28	177.64 3.40 -104.78	219.90 4.06 -127.59	168.27 5.01 -61.09	147.23 4.29 -55.31	107.27 4.44 -15.74	93.96 4.45 -2.25	81.10 3.80 -1.39	74.95 3.57 0.00	92.17 3.33 -22.32	74.66 3.49 0.00	153.93 3.62 -71.62	162.18 4.01 -70.90	183.82 4.02 -92.45	156.77 3.60 -73.28	138.47 4.95 -23.60	126.98 5.16 -7.18	98.64 4.34 0.00	124.07 3.45 -45.67
MAPLE_RIDGE_WT_1 323574	100.93 -1.33 0.00	93.80 -0.95 0.00	91.26 -0.74 0.00	93.19 -0.75 0.00	99.07 -0.80 0.00	95.53 -1.06 0.00	68.55 -0.90 0.00	87.28 -0.97 0.00	101.05 -1.12 0.00	86.66 -0.96 0.00	86.39 -0.70 0.00	86.48 -0.79 0.00	75.15 -0.76 0.00	70.59 -0.78 0.00	65.92 -0.60 0.00	70.54 -0.64 0.00	78.15 -0.55 0.00	86.39 -0.87 0.00	86.21 -1.14 0.00	78.61 -1.28 0.00	108.05 -1.87 0.00	112.58 -2.06 0.00	92.69 -1.60 0.00	73.75 -1.20 0.00
MAPLE_RIDGE_WT_2 323611	100.93 -1.33 0.00	93.80 -0.95 0.00	91.26 -0.74 0.00	93.19 -0.75 0.00	99.07 -0.80 0.00	95.53 -1.06 0.00	68.55 -0.90 0.00	87.28 -0.97 0.00	101.05 -1.12 0.00	86.66 -0.96 0.00	86.39 -0.70 0.00	86.48 -0.79 0.00	75.15 -0.76 0.00	70.59 -0.78 0.00	65.92 -0.60 0.00	70.54 -0.64 0.00	78.15 -0.55 0.00	86.39 -0.87 0.00	86.21 -1.14 0.00	78.61 -1.28 0.00	108.05 -1.87 0.00	112.58 -2.06 0.00	92.69 -1.60 0.00	73.75 -1.20 0.00
MARBLE_RIVER_WT_PWR 323696	100.32 -1.95 0.00	93.22 -1.52 0.00	90.63 -1.38 0.00	92.26 -1.69 0.00	98.08 -1.79 0.00	94.37 -2.22 0.00	67.93 -1.53 0.00	86.83 -1.42 0.00	100.23 -1.94 0.00	85.96 -1.67 0.00	86.05 -1.04 0.00	86.22 -1.04 0.00	75.30 -0.61 0.00	70.73 -0.64 0.00	66.06 -0.46 0.00	70.61 -0.57 0.00	78.62 -0.08 0.00	86.83 -0.43 0.00	86.74 -0.61 0.00	79.17 -0.72 0.00	109.04 -0.88 0.00	114.06 -0.57 0.00	94.39 0.09 0.00	75.78 0.83 0.00
MARSHVLE_115KV_TB1 80742	109.20 6.85 -0.08	100.81 6.06 0.00	97.89 5.89 0.00	100.05 6.11 0.00	106.85 6.89 -0.08	137.31 7.15 -33.57	195.62 5.76 -120.40	242.10 7.24 -146.62	180.34 7.97 -70.20	155.82 4.64 -63.55	108.48 3.31 -18.08	92.47 2.62 -2.59	79.63 2.13 -1.59	73.52 2.14 0.00	94.64 2.46 -25.65	74.45 3.27 0.00	166.50 5.51 -82.30	175.80 7.07 -81.47	200.92 7.34 -106.24	170.57 6.47 -84.20	145.39 8.35 -27.12	132.04 8.25 -9.15	100.80 6.51 0.00	141.37 4.72 -61.69
MARSH_HILL_WT_PWR 323713	94.29 -7.98 0.00	87.64 -7.11 0.00	85.66 -6.35 0.00	88.40 -5.54 0.00	94.39 -5.49 0.00	93.29 -4.34 -1.04	84.77 -2.15 -17.47	79.58 -3.62 5.04	94.17 -5.00 3.00	81.02 -4.47 2.14	81.12 -5.32 0.65	82.07 -5.06 0.13	71.11 -4.71 0.10	67.23 -4.14 0.00	61.77 -3.92 0.82	67.22 -3.91 0.04	71.70 -4.10 2.90	79.95 -4.10 3.21	121.09 -4.45 -38.20	114.13 -4.64 -38.88	88.77 -7.36 13.79	41.45 -8.94 64.25	40.39 -8.02 45.89	69.30 -6.67 -1.02
MCINTYRE_115KV_TB2 80467	104.20 1.94 0.00	97.02 2.27 0.00	94.40 2.39 0.00	96.11 2.16 0.00	101.87 2.00 0.00	97.36 0.77 0.00	70.01 0.56 0.00	89.66 1.41 0.00	103.50 1.33 0.00	88.33 0.70 0.00	88.40 1.31 0.00	88.14 0.87 0.00	76.90 0.99 0.00	72.23 0.86 0.00	67.45 0.93 0.00	71.89 0.71 0.00	80.11 1.42 0.00	88.75 1.48 0.00	88.66 1.31 0.00	80.93 1.04 0.00	111.35 1.43 0.00	116.47 1.83 0.00	96.66 2.36 0.00	77.73 2.77 0.00
MECO_____69_KV_BK1 80468	111.35 9.00 -0.09	102.70 7.96 0.00	99.82 7.82 0.00	102.03 8.08 0.00	108.95 8.99 -0.09	141.55 9.08 -35.88	192.51 7.15 -115.90	238.21 8.82 -141.14	179.66 9.91 -67.58	155.29 6.48 -61.18	109.90 5.40 -17.41	94.64 4.89 -2.49	81.55 4.10 -1.53	75.30 3.93 0.00	95.27 4.06 -24.69	76.16 4.98 0.00	165.08 7.16 -79.22	174.59 8.90 -78.43	198.79 9.17 -102.27	169.10 8.15 -81.06	146.80 10.77 -26.11	135.29 10.89 -9.76	102.78 8.49 0.00	146.36 6.22 -65.19
MENANDS___115KV_TB5 355628	106.82 4.50 -0.06	98.72 3.98 0.00	95.78 3.77 0.00	97.80 3.85 0.00	104.13 4.19 -0.06	123.72 4.25 -22.88	176.93 2.92 -104.55	219.00 3.44 -127.32	167.53 4.39 -60.96	146.67 3.86 -55.19	106.89 4.09 -15.70	93.70 4.19 -2.25	80.87 3.57 -1.38	74.73 3.35 0.00	91.86 3.06 -22.28	74.31 3.13 0.00	153.23 3.07 -71.47	161.33 3.32 -70.75	182.92 3.32 -92.25	155.97 2.96 -73.12	137.65 4.18 -23.55	125.74 4.24 -6.86	98.07 3.77 0.00	121.49 3.15 -43.38
MG INDUSTRY___DRP 24185	106.28 3.99 -0.03	98.44 3.70 0.00	95.59 3.59 0.00	97.52 3.57 0.00	103.70 3.80 -0.03	113.30 3.77 -12.94	174.37 2.57 -102.35	215.88 3.00 -124.63	165.42 3.58 -59.67	144.54 2.89 -54.02	105.51 3.05 -15.37	92.60 3.14 -2.20	79.93 2.66 -1.35	73.95 2.57 0.00	90.72 2.39 -21.81	73.74 2.56 0.00	151.25 2.60 -69.96	159.31 2.79 -69.25	180.45 2.80 -90.31	154.03 2.56 -71.58	136.60 3.63 -23.05	122.85 3.67 -4.55	97.69 3.39 0.00	104.83 2.77 -27.10

MID___OSWEGATCHIE_HYD 23849	102.57 0.31 0.00	95.31 0.57 0.00	92.56 0.55 0.00	94.32 0.38 0.00	100.48 0.60 0.00	96.62 0.00 -0.02	71.98 0.35 -2.17	91.77 0.88 -2.65	104.26 0.82 -1.27	89.12 0.35 -1.15	88.03 0.61 -0.33	87.57 0.26 -0.05	76.17 0.23 -0.03	71.52 0.14 0.00	67.25 0.27 -0.46	71.25 0.07 0.00	80.26 0.08 -1.49	89.08 0.35 -1.47	89.62 0.35 -1.92	81.49 0.08 -1.52	110.19 -0.22 -0.49	114.41 -0.23 0.00	94.58 0.28 0.00	75.95 0.82 -0.17
MID___RAQUETTE_HYD 23851	102.16 -0.10 0.00	95.03 0.28 0.00	92.56 0.55 0.00	94.14 0.19 0.00	99.68 -0.20 0.00	95.14 -1.45 0.00	68.48 -0.97 0.00	87.63 -0.62 0.00	101.25 -0.92 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.83 -0.44 0.00	75.84 -0.08 0.00	71.16 -0.21 0.00	66.46 -0.07 0.00	70.47 -0.71 0.00	78.22 -0.47 0.00	86.48 -0.79 0.00	86.39 -0.96 0.00	78.93 -0.96 0.00	108.60 -1.32 0.00	113.83 -0.80 0.00	94.68 0.38 0.00	76.30 1.35 0.00
MILLIKEN___1 23584	102.98 0.72 0.00	95.31 0.57 0.00	92.56 0.55 0.00	94.61 0.66 0.00	100.58 0.70 0.00	99.03 1.35 -1.09	88.11 1.60 -17.06	143.98 1.68 -54.06	130.33 1.53 -26.62	112.05 1.05 -23.37	94.15 0.35 -6.71	88.70 0.44 -1.01	76.71 0.15 -0.64	71.52 0.14 0.00	76.11 0.20 -9.39	71.80 0.57 -0.05	109.84 0.71 -30.44	119.66 1.31 -31.09	133.13 1.40 -44.38	107.26 1.12 -26.25	191.81 1.10 -80.79	232.61 0.57 -117.40	152.37 0.00 -58.08	79.60 -0.30 -4.95
MILLIKEN___2 23585	102.98 0.72 0.00	95.31 0.57 0.00	92.56 0.55 0.00	94.61 0.66 0.00	100.58 0.70 0.00	99.03 1.35 -1.09	88.11 1.60 -17.06	143.98 1.68 -54.06	130.33 1.53 -26.62	112.05 1.05 -23.37	94.15 0.35 -6.71	88.70 0.44 -1.01	76.71 0.15 -0.64	71.52 0.14 0.00	76.11 0.20 -9.39	71.80 0.57 -0.05	109.84 0.71 -30.44	119.66 1.31 -31.09	133.13 1.40 -44.38	107.26 1.12 -26.25	191.81 1.10 -80.79	232.61 0.57 -117.40	152.37 0.00 -58.08	79.60 -0.30 -4.95
MILLIKEN___DIESEL 23629	102.98 0.72 0.00	95.31 0.57 0.00	92.56 0.55 0.00	94.61 0.66 0.00	100.58 0.70 0.00	99.03 1.35 -1.09	88.11 1.60 -17.06	143.98 1.68 -54.06	130.33 1.53 -26.62	112.05 1.05 -23.37	94.15 0.35 -6.71	88.70 0.44 -1.01	76.71 0.15 -0.64	71.52 0.14 0.00	76.11 0.20 -9.39	71.80 0.57 -0.05	109.84 0.71 -30.44	119.66 1.31 -31.09	133.13 1.40 -44.38	107.26 1.12 -26.25	191.81 1.10 -80.79	232.61 0.57 -117.40	152.37 0.00 -58.08	79.60 -0.30 -4.95
MILLSEAT___LFGE 323607	94.08 -8.18 0.00	87.26 -7.49 0.00	85.38 -6.63 0.00	87.84 -6.11 0.00	92.79 -7.09 0.00	91.03 -5.70 -0.14	77.54 -4.17 -12.25	87.49 -7.06 -6.30	95.69 -9.81 -3.32	83.08 -7.27 -2.72	78.87 -8.97 -0.75	78.81 -8.55 -0.10	68.38 -7.59 -0.05	64.52 -6.52 0.00	61.11 -6.40 -1.10	64.40 -6.76 0.01	73.49 -8.66 -3.46	81.49 -9.16 -3.39	75.03 -8.82 3.50	71.06 -7.83 1.01	74.10 -12.09 23.73	68.01 -12.49 34.13	69.00 -10.28 15.03	67.09 -8.25 -0.38
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	108.10 5.83 -0.01	99.67 4.93 0.00	96.70 4.69 0.00	98.55 4.60 0.00	105.08 5.19 -0.01	106.67 5.89 -4.19	158.68 4.58 -84.64	197.23 5.91 -103.07	158.67 7.15 -49.35	138.70 6.40 -44.68	105.90 6.10 -12.71	95.28 6.20 -1.82	82.27 5.24 -1.12	76.23 4.85 0.00	89.08 4.52 -18.03	76.23 5.05 0.00	142.06 5.51 -57.85	150.99 6.46 -57.27	168.67 6.64 -74.68	145.00 5.91 -59.19	136.90 7.91 -19.07	124.36 7.45 -2.27	99.86 5.56 0.00	90.98 4.20 -11.82
MILLWOOD_13_KV_LOAD 356217	108.30 6.03 -0.01	99.86 5.12 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.38 5.49 -0.01	106.86 6.09 -4.19	158.89 4.79 -84.64	197.58 6.27 -103.07	158.98 7.46 -49.35	138.96 6.66 -44.68	106.16 6.36 -12.71	95.54 6.46 -1.82	82.50 5.47 -1.12	76.44 5.07 0.00	89.21 4.66 -18.03	76.37 5.20 0.00	142.37 5.82 -57.85	151.34 6.81 -57.27	169.11 7.08 -74.68	145.32 6.23 -59.19	137.23 8.24 -19.07	124.70 7.80 -2.27	100.14 5.85 0.00	91.20 4.42 -11.82
MODEL_CITY_ENERGY 24167	90.81 -11.45 0.00	84.22 -10.52 0.00	82.53 -9.47 0.00	84.93 -9.02 0.00	89.69 -10.19 0.00	87.85 -8.88 -0.14	75.60 -6.74 -12.88	83.76 -10.68 -6.20	91.36 -13.89 -3.09	80.06 -10.25 -2.69	75.64 -12.19 -0.74	75.75 -11.61 -0.09	65.71 -10.25 -0.05	62.10 -9.28 0.00	58.77 -8.85 -1.09	61.76 -9.40 0.02	70.32 -11.81 -3.43	77.89 -12.74 -3.37	69.58 -12.40 5.37	66.56 -10.94 2.39	66.44 -16.49 26.99	60.37 -16.62 37.65	64.63 -13.39 16.28	64.69 -10.64 -0.38
MODERN_LFGE___ 323580	90.81 -11.45 0.00	84.22 -10.52 0.00	82.53 -9.47 0.00	84.93 -9.02 0.00	89.69 -10.19 0.00	87.85 -8.88 -0.14	75.60 -6.74 -12.88	83.76 -10.68 -6.20	91.36 -13.89 -3.09	80.06 -10.25 -2.69	75.64 -12.19 -0.74	75.75 -11.61 -0.09	65.71 -10.25 -0.05	62.10 -9.28 0.00	58.77 -8.85 -1.09	61.76 -9.40 0.02	70.32 -11.81 -3.43	77.89 -12.74 -3.37	69.58 -12.40 5.37	66.56 -10.94 2.39	66.44 -16.49 26.99	60.37 -16.62 37.65	64.63 -13.39 16.28	64.69 -10.64 -0.38
MOHAWK_PAPER___DRP 24187	107.23 4.91 -0.06	99.10 4.36 0.00	96.14 4.14 0.00	98.18 4.23 0.00	104.63 4.69 -0.06	125.60 4.73 -24.28	177.64 3.40 -104.78	219.90 4.06 -127.59	168.27 5.01 -61.09	147.23 4.29 -55.31	107.27 4.44 -15.74	93.96 4.45 -2.25	81.10 3.80 -1.39	74.95 3.57 0.00	92.17 3.33 -22.32	74.66 3.49 0.00	153.93 3.62 -71.62	162.18 4.01 -70.90	183.82 4.02 -92.45	156.77 3.60 -73.28	138.47 4.95 -23.60	126.98 5.16 -7.18	98.64 4.34 0.00	124.07 3.45 -45.67
MOHICAN___35_KV_115KV_LD 80490	111.35 9.00 -0.09	102.70 7.96 0.00	99.73 7.73 0.00	101.93 7.99 0.00	108.76 8.79 -0.09	141.40 8.89 -35.92	182.29 5.49 -107.35	225.77 6.79 -130.73	172.84 8.07 -62.59	150.34 6.05 -56.66	108.96 5.75 -16.12	94.98 5.41 -2.31	81.74 4.40 -1.42	75.52 4.14 0.00	93.45 4.06 -22.87	75.95 4.77 0.00	157.97 5.90 -73.38	166.88 6.98 -72.64	189.15 7.08 -94.72	161.20 6.23 -75.08	142.46 8.35 -24.18	135.19 10.66 -9.90	102.60 8.30 0.00	145.99 6.30 -64.74
MONGAUP___HYD 23641	107.48 5.21 -0.01	99.29 4.55 0.00	96.33 4.33 0.00	98.27 4.32 0.00	104.88 4.99 -0.01	106.11 5.70 -3.82	151.15 3.89 -77.81	187.94 4.94 -94.75	153.05 5.51 -45.37	134.57 5.87 -41.07	103.65 4.87 -11.69	94.35 5.41 -1.67	81.42 4.48 -1.03	75.51 4.14 0.00	87.02 3.92 -16.58	75.80 4.62 0.00	136.28 4.40 -53.19	145.33 5.41 -52.65	161.68 5.67 -68.66	139.27 4.96 -54.42	134.81 7.37 -17.53	123.59 6.88 -2.08	99.58 5.28 0.00	90.20 4.42 -10.82
MONTAUK___DIESEL 23721	111.76 9.10 -0.40	102.80 8.05 0.00	100.88 7.91 -0.96	101.65 7.70 0.00	108.57 8.69 -0.01	128.74 9.56 -22.59	162.22 7.64 -85.12	202.05 10.15 -103.66	163.04 11.24 -49.63	141.93 9.38 -44.93	107.63 7.75 -12.79	96.68 7.59 -1.83	84.23 6.38 -1.94	79.93 5.92 -2.63	95.30 5.65 -23.12	117.62 7.05 -39.40	144.20 7.32 -58.18	180.61 9.60 -83.75	189.89 9.96 -92.59	156.51 9.43 -67.19	150.33 11.65 -28.76	133.17 10.43 -8.11	109.30 8.20 -6.80	100.39 6.82 -18.61
MOONROAD_115KV_HARTFLD_TB1-2 355988	96.13 -6.14 0.00	88.97 -5.78 0.00	87.22 -4.78 0.00	89.25 -4.70 0.00	95.08 -4.79 0.00	92.22 -4.54 -0.16	80.57 -3.61 -14.73	87.78 -6.00 -5.54	97.71 -6.85 -2.38	84.27 -5.78 -2.42	81.40 -6.36 -0.67	81.23 -6.11 -0.08	70.49 -5.47 -0.04	66.38 -5.00 0.00	62.46 -5.06 -1.00	65.82 -5.34 0.02	75.17 -6.61 -3.09	83.29 -6.98 -3.01	74.47 -6.99 5.89	71.23 -6.55 2.11	66.45 -10.66 32.81	55.06 -11.23 48.34	63.41 -9.34 21.55	67.79 -7.50 -0.33

MORRIS_RIDGE___SOLAR 323848	94.70 -7.57 0.00	87.83 -6.91 0.00	85.93 -6.08 0.00	88.40 -5.54 0.00	93.78 -6.10 0.00	92.28 -5.31 -1.00	82.67 -3.68 -16.89	85.56 -5.91 -3.23	95.47 -7.87 -1.16	82.22 -6.83 -1.43	79.89 -7.58 -0.38	80.05 -7.24 -0.03	69.47 -6.45 -0.01	65.60 -5.78 0.00	61.54 -5.59 -0.60	65.31 -5.84 0.03	73.93 -6.53 -1.77	82.19 -6.72 -1.64	20.87 -6.90 59.58	27.76 -6.47 45.66	7.41 -10.00 92.50	6.80 -10.89 96.94	54.83 -9.24 30.23	69.11 -7.34 -1.50
MORTIMER_115KV_TB3 55949	96.53 -5.73 0.00	89.44 -5.31 0.00	87.22 -4.78 0.00	89.16 -4.79 0.00	94.68 -5.19 0.00	93.04 -3.67 -0.12	77.51 -2.36 -10.41	90.28 -4.41 -6.45	98.65 -6.54 -3.01	85.61 -4.82 -2.80	81.78 -6.10 -0.79	81.78 -5.58 -0.10	70.81 -5.16 -0.06	66.81 -4.57 0.00	63.34 -4.32 -1.14	66.68 -4.48 0.01	76.07 -6.22 -3.59	84.16 -6.63 -3.53	85.47 -6.38 -4.49	79.16 -5.83 -5.10	89.51 -8.90 11.51	83.72 -9.40 21.52	75.59 -7.83 10.88	68.91 -6.45 -0.40
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	108.41 6.14 -0.01	99.96 5.21 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.38 5.49 -0.01	106.98 6.18 -4.21	159.41 4.79 -85.16	198.21 6.27 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.59 6.71 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.96 7.07 -57.62	169.65 7.16 -75.14	145.92 6.47 -59.56	137.57 8.46 -19.18	124.94 8.02 -2.28	100.24 5.94 0.00	91.42 4.57 -11.89
MUNSVILLE_WIND_PWR 323609	109.73 7.46 -0.01	101.76 7.01 0.00	98.91 6.90 0.00	101.37 7.42 0.00	108.47 8.59 -0.01	108.44 9.37 -2.48	103.54 7.78 -26.31	147.08 10.06 -48.78	137.24 11.34 -23.73	117.15 8.41 -21.11	100.79 7.67 -6.04	95.39 7.24 -0.89	82.01 5.54 -0.56	76.58 5.21 0.00	79.94 4.92 -8.50	77.61 6.41 -0.03	113.99 7.87 -27.43	124.98 9.69 -28.03	136.29 9.78 -39.16	113.96 7.91 -26.15	164.76 9.56 -45.28	183.25 8.36 -60.25	129.56 6.04 -29.22	86.05 4.42 -6.67
N SALMON___HYD 24042	102.26 0.00 0.00	95.12 0.38 0.00	92.74 0.73 0.00	94.04 0.09 0.00	99.88 0.00 0.00	96.21 -0.38 0.00	69.66 0.21 0.00	88.87 0.62 0.00	102.38 0.20 0.00	87.63 0.00 0.00	87.78 0.69 0.00	87.70 0.44 0.00	76.75 0.84 0.00	72.02 0.64 0.00	67.32 0.80 0.00	71.82 0.64 0.00	80.03 1.34 0.00	88.39 1.13 0.00	88.22 0.87 0.00	80.46 0.56 0.00	110.47 0.55 0.00	115.44 0.81 0.00	95.62 1.32 0.00	77.05 2.10 0.00
N.AKRON__115KV_KNAPP 355671	93.77 -7.77 0.00	86.98 -7.77 0.00	85.19 -6.81 0.00	87.09 -6.86 0.00	92.49 -7.39 0.00	90.84 -5.89 -0.14	77.41 -4.38 -12.33	87.04 -7.50 -6.30	95.40 -10.12 -3.34	82.81 -7.54 -2.72	78.61 -9.23 -0.75	78.63 -8.73 -0.09	68.15 -7.82 -0.05	64.31 -7.07 0.00	60.90 -6.72 -1.10	64.19 -6.98 0.01	73.25 -8.89 -3.45	81.05 -9.60 -3.39	74.36 -9.17 3.82	70.50 -8.15 1.24	73.15 -12.53 24.24	66.98 -12.95 34.70	68.51 -10.56 15.22	66.64 -8.69 -0.38
N.BELMOR_69_KV_BK1 55787	110.13 7.47 -0.40	101.19 6.44 0.00	99.13 6.16 -0.96	99.96 6.01 0.00	106.68 6.79 -0.01	126.71 7.53 -22.59	160.27 5.70 -85.12	199.40 7.50 -103.66	160.49 8.68 -49.63	140.36 7.80 -44.93	107.28 7.40 -12.79	96.86 7.77 -1.83	84.53 6.68 -1.94	80.28 6.28 -2.63	95.43 5.79 -23.12	116.84 6.26 -39.40	143.73 6.85 -58.18	179.13 8.12 -83.75	188.24 8.30 -92.59	154.52 7.43 -67.19	148.68 10.00 -28.76	132.37 9.63 -8.11	108.36 7.26 -6.80	99.04 5.47 -18.61
N.E_GEN_SANDY PD 24062	130.60 5.83 -22.51	129.80 5.11 -29.94	125.10 4.87 -28.22	124.00 4.88 -25.17	130.00 5.39 -24.73	136.76 5.89 -34.28	169.40 4.31 -95.64	210.00 5.29 -116.46	172.29 6.54 -63.57	143.80 5.69 -50.48	117.73 5.58 -25.06	97.47 5.67 -4.54	93.16 4.86 -12.38	96.99 4.50 -21.11	105.00 4.19 -34.28	128.95 4.56 -53.21	166.63 4.96 -82.98	181.91 5.67 -88.98	177.41 5.67 -84.39	174.93 5.19 -89.85	152.77 6.93 -35.92	139.97 6.99 -18.34	130.81 5.37 -31.14	124.00 4.19 -44.85
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	107.79 5.52 -0.01	99.39 4.64 0.00	96.42 4.42 0.00	98.27 4.32 0.00	104.88 4.99 -0.01	106.24 5.60 -4.05	155.95 4.38 -82.12	193.80 5.56 -100.00	156.59 6.54 -47.88	136.84 5.87 -43.34	105.00 5.57 -12.33	94.70 5.67 -1.76	81.78 4.78 -1.09	75.87 4.50 0.00	88.14 4.12 -17.50	75.80 4.63 0.00	139.94 5.12 -56.13	148.85 6.02 -55.57	166.01 6.20 -72.46	142.84 5.51 -57.43	135.67 7.25 -18.50	123.71 6.88 -2.20	99.39 5.09 0.00	90.22 3.82 -11.44
N.QUEENS_27_KV_LOAD 356247	109.02 6.75 -0.01	100.33 5.59 0.00	97.06 5.06 0.00	98.93 4.98 0.00	105.58 5.69 -0.01	107.08 6.28 -4.21	159.20 4.58 -85.16	197.85 5.91 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.76 6.88 -12.79	95.99 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.65 4.99 -18.14	76.80 5.62 0.00	143.12 6.22 -58.21	152.04 7.16 -57.62	169.74 7.25 -75.14	146.00 6.55 -59.55	137.68 8.57 -19.18	124.71 7.80 -2.28	100.71 6.41 0.00	92.24 5.40 -11.89
N.TROY___115KV_TB1 355778	108.06 5.73 -0.07	99.77 5.02 0.00	96.79 4.78 0.00	98.83 4.89 0.00	105.35 5.39 -0.07	132.49 5.70 -30.20	178.87 4.03 -105.39	221.44 4.85 -128.34	169.65 6.03 -61.45	148.25 4.99 -55.63	107.80 4.88 -15.83	94.41 4.89 -2.26	81.48 4.18 -1.40	75.30 3.93 0.00	92.64 3.66 -22.45	75.23 4.06 0.00	155.22 4.49 -72.04	163.72 5.15 -71.31	185.49 5.15 -92.99	158.31 4.71 -73.71	139.93 6.27 -23.74	129.85 6.65 -8.56	99.58 5.28 0.00	134.34 4.05 -55.33
NARROWS_GT1_1 24228	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT1_2 24229	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT1_3 24230	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT1_4 24231	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15

NARROWS_GT1_5 24232	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT1_6 24233	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT1_7 24234	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT1_8 24235	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT2_1 24236	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT2_2 24237	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT2_3 24238	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT2_4 24239	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT2_5 24240	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT2_6 24241	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT2_7 24242	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NARROWS_GT2_8 24243	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	107.51 5.22 -0.03	100.52 5.78 0.00	97.62 5.61 0.00	99.77 5.82 0.00	105.20 5.29 -0.03	114.49 5.41 -12.49	172.22 3.54 -99.22	213.39 4.32 -120.82	165.03 5.01 -57.85	143.68 3.68 -52.37	105.65 3.66 -14.90	93.84 4.45 -2.13	80.26 3.04 -1.31	74.73 3.35 0.00	90.46 2.79 -21.14	74.81 3.63 0.00	149.98 3.46 -67.82	158.41 4.01 -67.14	179.00 4.11 -87.55	152.88 3.60 -69.39	137.22 4.95 -22.35	123.96 4.93 -4.40	99.58 5.28 0.00	104.96 3.82 -26.18
NCHELSEA_115KV_TR2 355582	108.92 6.65 -0.01	100.52 5.78 0.00	97.52 5.52 0.00	99.49 5.54 0.00	106.08 6.19 -0.01	107.77 6.86 -4.32	159.99 5.28 -85.26	198.86 6.79 -103.82	159.95 8.07 -49.71	139.64 7.01 -45.00	106.51 6.62 -12.81	95.81 6.72 -1.83	82.74 5.69 -1.13	76.66 5.28 0.00	89.61 4.92 -18.17	76.73 5.55 0.00	143.19 6.22 -58.28	152.28 7.33 -57.69	170.18 7.60 -75.23	146.23 6.71 -59.63	138.03 8.90 -19.20	125.43 8.48 -2.31	100.80 6.51 0.00	91.98 4.95 -12.07
NEG CAPITAL___MECHNVIL 23645	109.50 7.16 -0.09	101.09 6.35 0.00	98.07 6.07 0.00	100.24 6.30 0.00	106.85 6.89 -0.09	137.93 7.05 -34.29	181.11 4.93 -106.72	224.20 6.00 -129.96	171.65 7.26 -62.22	149.65 5.69 -56.33	108.61 5.49 -16.03	94.97 5.41 -2.29	81.80 4.48 -1.41	75.66 4.28 0.00	93.32 4.06 -22.74	75.74 4.56 0.00	157.07 5.43 -72.95	165.84 6.37 -72.21	187.89 6.37 -94.16	160.28 5.76 -74.64	141.54 7.58 -24.04	132.63 8.48 -9.52	100.90 6.60 0.00	142.11 5.10 -62.06

NEG CENTRAL_HIGH_ACRES 23767	96.02 -6.24 0.00	88.96 -5.78 0.00	86.66 -5.34 0.00	88.87 -5.07 0.00	94.08 -5.80 0.00	92.36 -4.34 -0.11	76.74 -2.78 -10.06	91.37 -4.59 -7.72	99.23 -6.54 -3.60	85.90 -5.08 -3.35	81.86 -6.18 -0.95	81.63 -5.76 -0.13	70.75 -5.24 -0.08	66.59 -4.78 0.00	63.49 -4.39 -1.36	66.54 -4.63 0.01	76.88 -6.14 -4.32	85.08 -6.46 -4.27	86.52 -6.29 -5.46	79.57 -5.75 -5.43	93.40 -8.69 7.84	89.70 -9.28 15.65	78.47 -7.92 7.91	69.07 -6.37 -0.48
NEG CENTRAL___DRP 24199	99.91 -2.35 0.00	92.57 -2.18 0.00	89.98 -2.02 0.00	91.97 -1.97 0.00	97.78 -2.10 0.00	95.36 -1.35 -0.12	80.24 -0.28 -11.06	93.62 -0.97 -6.34	103.32 -1.74 -2.88	88.90 -1.49 -2.76	85.60 -2.26 -0.77	85.18 -2.18 -0.10	73.85 -2.13 -0.06	69.52 -1.86 0.00	65.92 -1.73 -1.13	69.53 -1.64 0.01	80.27 -1.97 -3.54	89.04 -1.66 -3.43	94.05 -1.75 -8.45	87.05 -1.52 -8.68	97.73 -2.75 9.45	89.63 -3.21 21.79	78.85 -3.02 12.43	72.50 -2.85 -0.39
NEG CENTRAL___INDECK 23768	96.13 -6.13 0.00	88.78 -5.97 0.00	86.66 -5.34 0.00	89.16 -4.79 0.00	94.48 -5.39 0.00	92.79 -3.96 -0.16	82.17 -1.94 -14.66	86.90 -3.44 -2.10	96.90 -5.93 -0.66	83.75 -4.82 -0.94	80.89 -6.44 -0.24	80.99 -6.28 -0.01	70.29 -5.62 0.00	66.24 -5.14 0.00	62.20 -4.72 -0.40	66.53 -4.63 0.03	74.40 -5.43 -1.14	82.83 -5.41 -0.98	126.81 -5.50 -44.96	116.15 -5.28 -41.53	111.57 -8.36 -10.01	78.21 -9.28 27.14	58.92 -7.92 27.46	68.40 -6.67 -0.11
NEG CENTRAL___SENECA 23627	99.50 -2.76 0.00	92.28 -2.46 0.00	89.80 -2.21 0.00	91.88 -2.07 0.00	97.68 -2.20 0.00	95.38 -1.35 -0.14	81.60 -0.14 -12.28	88.74 -0.97 -1.47	100.64 -1.94 -0.40	86.62 -1.66 -0.66	84.64 -2.61 -0.17	84.91 -2.36 0.00	73.48 -2.43 0.01	69.31 -2.07 0.00	64.88 -1.93 -0.29	69.38 -1.78 0.02	77.28 -2.20 -0.79	86.03 -1.83 -0.60	92.50 -1.92 -7.07	87.48 -1.76 -9.35	85.86 -3.08 20.98	68.85 -3.55 42.23	67.38 -3.39 23.53	71.81 -3.22 -0.07
NEG CENTRAL___STATE_STREET 24147	101.03 -1.23 0.00	93.42 -1.33 0.00	90.72 -1.29 0.00	92.63 -1.32 0.00	98.48 -1.40 0.00	96.13 -0.58 -0.12	80.38 0.14 -10.79	105.03 -0.26 -17.05	109.61 -0.82 -8.25	94.31 -0.70 -7.38	87.80 -1.39 -2.11	86.35 -1.22 -0.31	74.81 -1.29 -0.19	70.23 -1.14 0.00	68.43 -1.06 -2.97	70.26 -0.93 -0.01	87.17 -1.10 -9.58	96.13 -0.79 -9.65	99.31 -0.70 -12.66	88.09 -0.72 -8.92	119.61 -1.43 -11.11	126.49 -1.95 -13.81	99.14 -1.98 -6.82	74.10 -1.95 -1.09
NEG MILLWOOD___DRP 24198	109.53 7.26 -0.01	101.09 6.35 0.00	97.98 5.98 0.00	99.96 6.01 0.00	106.68 6.79 -0.01	108.25 7.34 -4.32	161.39 5.90 -86.03	200.77 7.77 -104.76	161.43 9.09 -50.16	141.01 7.97 -45.41	107.50 7.49 -12.92	96.79 7.68 -1.85	83.50 6.45 -1.14	77.30 5.92 0.00	90.31 5.45 -18.33	77.30 6.12 0.00	144.50 7.00 -58.80	153.77 8.29 -58.21	172.08 8.82 -75.91	147.73 7.67 -60.17	139.41 10.11 -19.38	126.70 9.74 -2.32	101.65 7.36 0.00	92.62 5.55 -12.12
NEG NORTH_FLCN_SEA 23793	100.83 -1.43 0.00	93.70 -1.04 0.00	91.27 -0.74 0.00	92.73 -1.22 0.00	98.58 -1.30 0.00	95.05 -1.55 0.00	68.69 -0.76 0.00	87.63 -0.62 0.00	101.05 -1.12 0.00	86.58 -1.05 0.00	86.74 -0.35 0.00	86.91 -0.35 0.00	75.99 0.08 0.00	71.30 -0.07 0.00	66.66 0.13 0.00	71.18 0.00 0.00	79.40 0.71 0.00	87.61 0.35 0.00	87.52 0.17 0.00	79.97 0.08 0.00	109.81 -0.11 0.00	114.75 0.11 0.00	94.86 0.57 0.00	76.98 2.02 0.00
NEG NORTH_KES_CHATEGAY 23792	100.63 -1.64 0.00	93.51 -1.23 0.00	90.99 -1.01 0.00	92.63 -1.32 0.00	98.38 -1.50 0.00	94.56 -2.03 0.00	68.14 -1.32 0.00	87.01 -1.24 0.00	100.44 -1.74 0.00	86.05 -1.58 0.00	86.22 -0.87 0.00	86.30 -0.96 0.00	75.46 -0.46 0.00	70.81 -0.57 0.00	66.19 -0.33 0.00	70.68 -0.50 0.00	78.85 0.16 0.00	87.09 -0.17 0.00	86.91 -0.44 0.00	79.41 -0.48 0.00	109.26 -0.66 0.00	114.29 -0.34 0.00	94.58 0.28 0.00	76.08 1.12 0.00
NEG NORTH___ALICE_FALLS 23915	101.55 -0.72 0.00	94.37 -0.38 0.00	91.91 -0.09 0.00	93.38 -0.56 0.00	99.28 -0.60 0.00	95.72 -0.87 0.00	69.32 -0.14 0.00	88.42 0.18 0.00	101.87 -0.31 0.00	87.19 -0.44 0.00	87.35 0.26 0.00	87.44 0.17 0.00	76.52 0.61 0.00	71.80 0.43 0.00	67.12 0.60 0.00	71.75 0.57 0.00	80.03 1.34 0.00	88.40 1.13 0.00	88.31 0.96 0.00	80.61 0.72 0.00	110.47 0.55 0.00	115.44 0.80 0.00	95.43 1.13 0.00	77.28 2.32 0.00
NEG NORTH___LWR_SARANAC 23913	101.55 -0.72 0.00	94.37 -0.38 0.00	91.91 -0.09 0.00	93.38 -0.56 0.00	99.28 -0.60 0.00	95.72 -0.87 0.00	69.32 -0.14 0.00	88.42 0.18 0.00	101.87 -0.31 0.00	87.19 -0.44 0.00	87.35 0.26 0.00	87.44 0.17 0.00	76.52 0.61 0.00	71.80 0.43 0.00	67.12 0.60 0.00	71.75 0.57 0.00	80.03 1.34 0.00	88.40 1.13 0.00	88.31 0.96 0.00	80.61 0.72 0.00	110.47 0.55 0.00	115.44 0.80 0.00	95.43 1.13 0.00	77.28 2.32 0.00
NEG NORTH___PLATTSBURG 23628	101.55 -0.71 0.00	94.37 -0.38 0.00	91.91 -0.09 0.00	93.29 -0.65 0.00	99.28 -0.60 0.00	95.72 -0.87 0.00	69.32 -0.14 0.00	88.42 0.18 0.00	101.87 -0.31 0.00	87.19 -0.44 0.00	87.35 0.26 0.00	87.44 0.17 0.00	76.52 0.60 0.00	71.81 0.43 0.00	67.12 0.60 0.00	71.74 0.57 0.00	80.03 1.34 0.00	88.39 1.13 0.00	88.31 0.96 0.00	80.46 0.56 0.00	110.47 0.55 0.00	115.33 0.69 0.00	95.43 1.14 0.00	77.13 2.18 0.00
NEG WEST_LEA_LOCKPORT 23791	91.01 -11.25 0.00	84.42 -10.33 0.00	82.71 -9.29 0.00	84.55 -9.39 0.00	89.89 -9.99 0.00	88.04 -8.69 -0.14	75.66 -6.53 -12.73	83.20 -10.50 -5.45	88.56 -13.49 0.12	79.88 -10.25 -2.50	75.90 -11.93 -0.74	76.10 -11.26 -0.09	65.94 -10.02 -0.05	62.31 -9.06 0.00	58.96 -8.65 -1.09	62.05 -9.11 0.02	70.85 -11.25 -3.41	78.21 -12.39 -3.34	69.76 -11.88 5.71	66.66 -10.55 2.69	66.97 -15.83 27.12	60.71 -16.16 37.76	65.08 -13.01 16.21	64.76 -10.57 -0.37
NEG WEST___LANCASTER 23811	94.49 -7.77 0.00	87.54 -7.20 0.00	85.65 -6.35 0.00	87.65 -6.29 0.00	93.29 -6.59 0.00	88.74 -8.02 -0.17	77.54 -6.88 -14.96	85.28 -9.09 -6.13	96.05 -8.79 -2.67	81.72 -8.59 -2.68	80.25 -7.58 -0.74	79.24 -8.12 -0.09	69.13 -6.83 -0.05	64.81 -6.57 0.00	61.24 -6.39 -1.10	64.89 -6.26 0.02	75.97 -6.14 -3.42	84.86 -5.76 -3.36	76.15 -5.50 5.69	72.81 -5.03 2.05	69.43 -8.13 32.36	58.95 -8.37 47.32	66.62 -6.70 20.99	70.01 -5.32 -0.37
NEG_PENN_ALLEGHNY 23528	101.66 -0.61 0.00	93.98 -0.76 0.00	91.36 -0.64 0.00	93.48 -0.47 0.00	99.38 -0.50 0.00	98.25 -0.10 -1.75	97.01 0.21 -27.34	116.14 -0.26 -28.16	115.24 -0.31 -13.37	99.49 -0.35 -12.22	89.86 -0.70 -3.47	87.05 -0.70 -0.49	75.45 -0.76 -0.30	70.73 -0.64 0.00	70.80 -0.67 -4.94	70.60 -0.57 0.01	94.02 -0.47 -15.79	103.72 -0.17 -16.63	108.92 -0.09 -21.66	97.09 -0.16 -17.36	103.99 -0.76 5.16	96.61 -1.15 16.88	84.11 -1.23 8.96	78.04 -1.05 -4.13
NEG___GEN_MONROE 24207	96.74 -5.52 0.00	89.72 -5.02 0.00	87.50 -4.51 0.00	89.34 -4.60 0.00	94.98 -4.89 0.00	93.33 -3.38 -0.12	77.61 -2.36 -10.51	90.01 -4.68 -6.44	98.36 -6.85 -3.03	85.43 -4.99 -2.80	81.43 -6.44 -0.78	81.17 -6.20 -0.10	70.28 -5.69 -0.06	66.31 -5.07 0.00	62.94 -4.72 -1.14	66.26 -4.91 0.01	75.59 -6.69 -3.59	83.63 -7.16 -3.53	85.02 -6.81 -4.48	78.86 -6.15 -5.12	88.68 -9.45 11.79	82.58 -10.09 21.97	74.80 -8.39 11.11	68.68 -6.67 -0.40

NEPA__ENERGY 23901	94.39 -7.87 0.00	87.45 -7.30 0.00	85.65 -6.35 0.00	87.56 -6.39 0.00	93.19 -6.69 0.00	90.66 -6.09 -0.16	78.84 -4.72 -14.11	86.31 -7.68 -5.74	95.27 -9.40 -2.50	82.51 -7.62 -2.51	79.34 -8.45 -0.69	79.23 -8.12 -0.08	68.75 -7.21 -0.04	64.88 -6.50 0.00	61.17 -6.39 -1.03	64.47 -6.69 0.02	73.64 -8.26 -3.20	81.58 -8.81 -3.13	69.20 -8.65 9.50	66.68 -7.83 5.39	63.37 -12.20 34.35	54.48 -12.72 47.43	64.13 -10.28 19.89	66.98 -8.32 -0.35
NEVERSINK__HYD 23608	107.99 5.72 -0.01	99.76 5.02 0.00	96.78 4.78 0.00	98.74 4.79 0.00	105.38 5.49 -0.01	107.11 6.27 -4.24	151.62 4.86 -77.31	188.56 6.18 -94.14	154.40 7.15 -45.07	134.56 6.13 -40.81	104.19 5.49 -11.61	94.59 5.67 -1.66	81.57 4.63 -1.02	75.66 4.28 0.00	86.98 3.99 -16.47	75.87 4.70 0.00	136.96 5.43 -52.84	146.12 6.55 -52.31	162.29 6.73 -68.21	139.95 5.99 -54.07	135.25 7.92 -17.41	124.15 7.34 -2.17	99.96 5.66 0.00	90.63 4.19 -11.48
NEWKRMKL_115KV_TB1 55635	106.30 3.99 -0.05	98.34 3.60 0.00	95.41 3.40 0.00	97.42 3.48 0.00	103.72 3.80 -0.05	121.67 3.77 -21.31	176.52 2.50 -104.56	218.49 2.91 -127.33	166.92 3.78 -60.97	145.97 3.15 -55.19	106.45 3.66 -15.71	93.26 3.75 -2.25	80.49 3.19 -1.38	74.37 3.00 0.00	91.53 2.73 -22.28	73.88 2.70 0.00	152.61 2.44 -71.47	160.55 2.53 -70.76	182.15 2.53 -92.26	155.26 2.24 -73.13	136.66 3.19 -23.55	124.46 3.32 -6.50	97.50 3.21 0.00	118.64 2.85 -40.84
NEWTON__FALLS_HYD 23847	102.57 0.31 0.00	95.31 0.57 0.00	92.56 0.55 0.00	94.32 0.38 0.00	100.48 0.60 0.00	96.62 0.00 -0.02	71.98 0.35 -2.17	91.77 0.88 -2.65	104.26 0.82 -1.27	89.12 0.35 -1.15	88.03 0.61 -0.33	87.57 0.26 -0.05	76.17 0.23 -0.03	71.52 0.14 0.00	67.25 0.27 -0.46	71.25 0.07 0.00	80.26 0.08 -1.49	89.08 0.35 -1.47	89.62 0.35 -1.92	81.49 0.08 -1.52	110.19 -0.22 -0.49	114.41 -0.23 0.00	94.58 0.28 0.00	75.95 0.82 -0.17
NGRID_A1_DSASP 323792	90.30 -11.96 0.00	83.66 -11.08 0.00	81.98 -10.03 0.00	84.36 -9.58 0.00	89.09 -10.79 0.00	87.37 -9.37 -0.14	75.34 -7.09 -12.97	83.97 -10.41 -6.14	90.19 -14.71 -2.73	78.92 -11.39 -2.68	74.95 -12.89 -0.75	75.14 -12.22 -0.09	65.19 -10.78 -0.05	61.60 -9.78 0.00	58.30 -9.31 -1.10	61.27 -9.89 0.02	69.77 -12.35 -3.43	76.93 -13.70 -3.37	68.56 -13.19 5.59	66.08 -11.26 2.55	65.44 -17.04 27.45	58.60 -16.85 39.19	63.87 -13.58 16.85	64.01 -11.32 -0.38
NGRID_A2_DSASP 323793	90.30 -11.96 0.00	83.66 -11.08 0.00	81.98 -10.03 0.00	84.36 -9.58 0.00	89.09 -10.79 0.00	87.37 -9.37 -0.14	75.34 -7.09 -12.97	83.97 -10.41 -6.14	90.19 -14.71 -2.73	78.92 -11.39 -2.68	74.95 -12.89 -0.75	75.14 -12.22 -0.09	65.19 -10.78 -0.05	61.60 -9.78 0.00	58.30 -9.31 -1.10	61.27 -9.89 0.02	69.77 -12.35 -3.43	76.93 -13.70 -3.37	68.56 -13.19 5.59	66.08 -11.26 2.55	65.44 -17.04 27.45	58.60 -16.85 39.19	63.87 -13.58 16.85	64.01 -11.32 -0.38
NGRID_A4_DSASP 323807	90.30 -11.96 0.00	83.66 -11.08 0.00	81.98 -10.03 0.00	84.36 -9.58 0.00	89.09 -10.79 0.00	87.37 -9.37 -0.14	75.34 -7.09 -12.97	83.97 -10.41 -6.14	90.19 -14.71 -2.73	78.92 -11.39 -2.68	74.95 -12.89 -0.75	75.14 -12.22 -0.09	65.19 -10.78 -0.05	61.60 -9.78 0.00	58.30 -9.31 -1.10	61.27 -9.89 0.02	69.77 -12.35 -3.43	76.93 -13.70 -3.37	68.56 -13.19 5.59	66.08 -11.26 2.55	65.44 -17.04 27.45	58.60 -16.85 39.19	63.87 -13.58 16.85	64.01 -11.32 -0.38
NIAGARA_115E_LBMP 323715	90.50 -11.76 0.00	83.85 -10.89 0.00	82.16 -9.84 0.00	84.55 -9.39 0.00	89.29 -10.59 0.00	87.56 -9.18 -0.14	75.45 -7.01 -13.01	83.28 -11.12 -6.16	90.71 -14.40 -2.94	79.79 -10.52 -2.68	75.29 -12.54 -0.74	75.40 -11.95 -0.09	65.34 -10.63 -0.05	61.74 -9.64 0.00	58.43 -9.18 -1.09	61.48 -9.68 0.02	69.93 -12.20 -3.43	77.37 -13.26 -3.37	68.83 -12.93 5.59	65.92 -11.43 2.55	65.43 -17.04 27.45	59.32 -17.20 38.12	64.06 -13.77 16.47	64.31 -11.02 -0.37
NIAGARA_115W_LBMP 323714	90.09 -12.17 0.00	83.56 -11.18 0.00	81.79 -10.22 0.00	84.17 -9.77 0.00	88.89 -10.99 0.00	87.27 -9.46 -0.14	75.18 -7.22 -12.95	83.89 -10.50 -6.15	89.98 -14.92 -2.73	78.83 -11.48 -2.68	74.86 -12.98 -0.75	75.05 -12.30 -0.09	65.03 -10.93 -0.05	61.46 -9.92 0.00	58.24 -9.38 -1.10	61.20 -9.97 0.02	69.69 -12.43 -3.43	76.85 -13.78 -3.37	68.48 -13.27 5.59	66.08 -11.26 2.55	65.32 -17.14 27.45	58.69 -16.85 39.09	63.81 -13.67 16.81	63.94 -11.39 -0.38
NIAGARA_230_LBMP 323716	91.22 -11.05 0.00	84.61 -10.14 0.00	82.80 -9.20 0.00	85.21 -8.73 0.00	89.99 -9.89 0.00	88.23 -8.50 -0.14	75.86 -6.39 -12.79	84.00 -10.41 -6.17	91.28 -13.49 -2.60	79.90 -10.43 -2.70	75.92 -11.93 -0.75	76.01 -11.34 -0.09	65.94 -10.02 -0.05	62.31 -9.07 0.00	58.98 -8.65 -1.11	62.05 -9.11 0.02	70.34 -11.81 -3.45	77.91 -12.74 -3.39	69.37 -12.40 5.57	66.34 -11.03 2.53	66.00 -16.49 27.43	59.91 -16.62 38.10	64.46 -13.39 16.45	64.84 -10.49 -0.38
NIAGARA__115KV_198_GIBSON 55903	90.09 -12.17 0.00	83.56 -11.18 0.00	81.79 -10.21 0.00	83.61 -10.33 0.00	88.89 -10.99 0.00	87.27 -9.47 -0.14	75.19 -7.22 -12.95	83.72 -10.68 -6.15	89.99 -14.92 -2.73	78.83 -11.48 -2.68	74.86 -12.98 -0.75	75.05 -12.30 -0.09	64.96 -11.01 -0.05	61.45 -9.92 0.00	58.17 -9.45 -1.10	61.20 -9.96 0.02	69.77 -12.36 -3.43	76.58 -14.05 -3.37	68.39 -13.36 5.59	65.76 -11.58 2.55	65.21 -17.26 27.45	58.58 -16.97 39.09	63.81 -13.67 16.81	63.64 -11.69 -0.38
NIAGARA____ 23760	91.22 -11.05 0.00	84.61 -10.14 0.00	82.80 -9.20 0.00	85.21 -8.73 0.00	89.99 -9.89 0.00	88.23 -8.50 -0.14	76.01 -6.39 -12.95	84.00 -10.41 -6.17	91.40 -13.49 -2.71	79.89 -10.43 -2.69	75.91 -11.93 -0.75	76.01 -11.34 -0.09	65.94 -10.02 -0.05	62.31 -9.07 0.00	58.98 -8.65 -1.10	62.05 -9.11 0.02	70.33 -11.81 -3.44	77.90 -12.74 -3.38	69.37 -12.40 5.58	66.34 -11.03 2.53	65.99 -16.49 27.44	59.91 -16.62 38.10	64.46 -13.39 16.45	64.84 -10.49 -0.38
NINE_MILE_1 23575	98.06 -4.20 0.00	90.86 -3.89 0.00	88.23 -3.78 0.00	90.19 -3.76 0.00	95.78 -4.10 0.00	93.08 -3.57 -0.06	72.40 -2.29 -5.24	91.36 -3.26 -6.38	101.14 -4.09 -3.05	86.97 -3.42 -2.76	84.13 -3.74 -0.79	83.71 -3.66 -0.11	72.72 -3.26 -0.07	68.38 -3.00 0.00	64.85 -2.79 -1.12	68.26 -2.92 0.00	78.89 -3.38 -3.58	87.14 -3.66 -3.54	88.39 -3.59 -4.62	80.28 -3.28 -3.66	106.27 -4.83 -1.18	109.48 -5.16 0.00	89.87 -4.43 0.00	71.76 -3.60 -0.41
NINE_MILE_2 23744	98.06 -4.20 0.00	90.86 -3.89 0.00	88.23 -3.78 0.00	90.19 -3.76 0.00	95.78 -4.10 0.00	93.08 -3.57 -0.06	72.39 -2.29 -5.23	91.35 -3.26 -6.36	101.13 -4.09 -3.05	86.97 -3.42 -2.76	84.13 -3.74 -0.79	83.71 -3.66 -0.11	72.72 -3.26 -0.07	68.38 -3.00 0.00	64.84 -2.79 -1.11	68.26 -2.92 0.00	78.89 -3.38 -3.57	87.14 -3.66 -3.54	88.38 -3.59 -4.61	80.27 -3.28 -3.66	106.26 -4.83 -1.18	109.48 -5.16 0.00	89.87 -4.43 0.00	71.76 -3.60 -0.40
NM_CAPITAL__DRP 24208	106.50 4.19 -0.05	98.44 3.70 0.00	95.59 3.59 0.00	97.61 3.66 0.00	103.92 4.00 -0.05	121.14 3.96 -20.59	176.36 2.64 -104.27	218.39 3.18 -126.97	166.95 3.98 -60.79	146.17 3.51 -55.04	106.58 3.83 -15.66	93.34 3.84 -2.24	80.63 3.34 -1.38	74.52 3.14 0.00	91.60 2.86 -22.22	74.10 2.92 0.00	152.64 2.68 -71.27	160.70 2.88 -70.55	182.15 2.80 -92.00	155.37 2.56 -72.92	137.03 3.63 -23.49	124.75 3.78 -6.33	97.69 3.39 0.00	117.53 2.92 -39.65

NM_CENTRAL___DRP 24181	100.01 -2.25 0.00	92.57 -2.18 0.00	89.89 -2.12 0.00	91.79 -2.16 0.00	97.58 -2.30 0.00	95.03 -1.64 -0.08	76.21 -0.76 -7.52	95.98 -1.41 -9.15	104.61 -1.94 -4.38	90.02 -1.58 -3.97	86.22 -2.00 -1.13	85.50 -1.92 -0.16	74.19 -1.82 -0.10	69.73 -1.64 0.00	66.59 -1.53 -1.60	69.61 -1.57 0.00	81.94 -1.89 -5.14	90.52 -1.83 -5.09	92.15 -1.83 -6.63	83.47 -1.68 -5.26	108.98 -2.64 -1.69	111.54 -3.10 0.00	91.47 -2.83 0.00	73.14 -2.40 -0.58
NM_FRONTIER___DRP 24179	90.09 -12.17 0.00	83.56 -11.18 0.00	81.79 -10.21 0.00	83.61 -10.33 0.00	88.89 -10.99 0.00	87.27 -9.47 -0.14	75.19 -7.22 -12.95	83.72 -10.68 -6.15	89.99 -14.92 -2.73	78.83 -11.48 -2.68	74.86 -12.98 -0.75	75.05 -12.30 -0.09	64.96 -11.01 -0.05	61.45 -9.92 0.00	58.17 -9.45 -1.10	61.20 -9.96 0.02	69.77 -12.36 -3.43	76.58 -14.05 -3.37	68.39 -13.36 5.59	65.76 -11.58 2.55	65.21 -17.26 27.45	58.58 -16.97 39.09	63.81 -13.67 16.81	63.64 -11.69 -0.38
NM_ST_REGIS___HYD 24053	102.26 0.00 0.00	95.12 0.38 0.00	92.65 0.64 0.00	94.14 0.19 0.00	99.78 -0.10 0.00	95.43 -1.16 0.00	68.83 -0.63 0.00	87.98 -0.26 0.00	101.56 -0.61 0.00	87.10 -0.53 0.00	87.18 0.09 0.00	87.00 -0.26 0.00	76.07 0.15 0.00	71.45 0.07 0.00	66.66 0.13 0.00	70.82 -0.36 0.00	78.69 0.00 0.00	87.00 -0.26 0.00	86.91 -0.44 0.00	79.41 -0.48 0.00	109.04 -0.88 0.00	114.29 -0.34 0.00	94.96 0.66 0.00	76.60 1.65 0.00
NORTHPORT___1 23551	110.64 7.98 -0.40	101.76 7.01 0.00	99.77 6.81 -0.96	100.34 6.39 0.00	107.38 7.49 -0.01	127.39 8.21 -22.59	160.28 5.70 -85.12	199.22 7.32 -103.66	160.39 8.58 -49.63	141.06 8.50 -44.93	107.80 7.92 -12.79	97.11 8.02 -1.83	84.83 6.98 -1.94	80.57 6.56 -2.63	95.69 6.05 -23.12	117.48 6.90 -39.40	143.88 7.00 -58.18	178.95 7.94 -83.75	187.80 7.86 -92.59	154.28 7.19 -67.19	148.46 9.78 -28.76	132.48 9.74 -8.11	108.65 7.55 -6.80	99.64 6.07 -18.61
NORTHPORT___2 23552	110.64 7.98 -0.40	101.76 7.01 0.00	99.77 6.81 -0.96	100.34 6.39 0.00	107.38 7.49 -0.01	127.39 8.21 -22.59	160.28 5.70 -85.12	199.22 7.32 -103.66	160.39 8.58 -49.63	141.06 8.50 -44.93	107.80 7.92 -12.79	97.11 8.02 -1.83	84.83 6.98 -1.94	80.57 6.56 -2.63	95.69 6.05 -23.12	117.48 6.90 -39.40	143.88 7.00 -58.18	178.95 7.94 -83.75	187.80 7.86 -92.59	154.28 7.19 -67.19	148.46 9.78 -28.76	132.48 9.74 -8.11	108.65 7.55 -6.80	99.64 6.07 -18.61
NORTHPORT___3 23553	111.05 8.39 -0.40	102.04 7.30 0.00	99.96 6.99 -0.96	100.72 6.77 0.00	107.68 7.80 -0.01	127.68 8.50 -22.59	160.90 6.32 -85.12	200.20 8.29 -103.66	161.52 9.71 -49.63	141.50 8.94 -44.93	108.15 8.28 -12.79	97.47 8.38 -1.83	85.07 7.22 -1.94	80.79 6.78 -2.63	95.89 6.25 -23.12	117.56 6.98 -39.40	144.43 7.56 -58.18	180.00 8.99 -83.75	189.11 9.17 -92.59	155.32 8.23 -67.19	149.57 10.88 -28.76	133.28 10.54 -8.11	109.21 8.11 -6.80	99.79 6.22 -18.61
NORTHPORT___4 23650	111.05 8.39 -0.40	102.04 7.30 0.00	99.96 6.99 -0.96	100.72 6.77 0.00	107.68 7.80 -0.01	127.68 8.50 -22.59	160.90 6.32 -85.12	200.20 8.29 -103.66	161.52 9.71 -49.63	141.50 8.94 -44.93	108.15 8.28 -12.79	97.47 8.38 -1.83	85.07 7.22 -1.94	80.79 6.78 -2.63	95.89 6.25 -23.12	117.56 6.98 -39.40	144.43 7.56 -58.18	180.00 8.99 -83.75	189.11 9.17 -92.59	155.32 8.23 -67.19	149.57 10.88 -28.76	133.28 10.54 -8.11	109.21 8.11 -6.80	99.79 6.22 -18.61
NORTHPORT___IC 23718	110.64 7.98 -0.40	101.85 7.11 0.00	99.78 6.81 -0.96	100.62 6.67 0.00	107.38 7.49 -0.01	127.29 8.11 -22.59	160.27 5.70 -85.12	199.23 7.32 -103.66	160.39 8.58 -49.63	140.62 8.06 -44.93	107.80 7.93 -12.79	97.12 8.03 -1.83	84.91 7.06 -1.94	80.57 6.57 -2.63	95.63 5.99 -23.12	117.48 6.90 -39.40	143.88 7.00 -58.18	178.95 7.94 -83.75	187.80 7.86 -92.59	154.28 7.19 -67.19	148.46 9.78 -28.76	132.49 9.74 -8.11	108.64 7.54 -6.80	99.57 6.00 -18.61
NORTH___COUNTRY_ESR 323785	100.32 -1.95 0.00	93.22 -1.52 0.00	90.72 -1.29 0.00	92.26 -1.69 0.00	98.08 -1.79 0.00	94.27 -2.32 0.00	67.86 -1.59 0.00	86.74 -1.50 0.00	100.23 -1.94 0.00	85.88 -1.75 0.00	86.05 -1.04 0.00	86.13 -1.14 0.00	75.30 -0.61 0.00	70.66 -0.71 0.00	65.99 -0.53 0.00	70.47 -0.71 0.00	78.54 -0.16 0.00	86.66 -0.61 0.00	86.56 -0.79 0.00	79.09 -0.80 0.00	108.93 -0.99 0.00	113.95 -0.68 0.00	94.30 0.00 0.00	75.70 0.75 0.00
NPX_GEN_1385_PROXY 323591	112.27 9.61 -0.40	103.75 9.01 0.00	101.80 8.83 -0.96	101.84 7.89 0.00	109.68 9.79 -0.01	129.13 9.95 -22.59	161.39 6.81 -85.12	199.75 7.85 -103.66	161.92 10.12 -49.63	142.11 9.55 -44.93	109.28 9.41 -12.79	98.95 9.86 -1.83	86.96 9.11 -1.94	85.36 8.56 -5.42	97.09 7.45 -23.12	119.40 8.82 -39.40	144.27 7.40 -58.18	179.47 8.46 -83.75	187.45 7.51 -92.59	154.59 7.51 -67.19	148.36 9.68 -28.76	132.71 9.97 -8.11	109.30 8.20 -6.80	101.22 7.65 -18.61
NPX_GEN_CSC 323557	112.99 10.32 -0.40	103.75 9.01 0.00	101.80 8.83 -0.96	102.41 8.46 0.00	109.57 9.69 -0.01	129.71 10.53 -22.59	162.70 8.12 -85.12	202.58 10.67 -103.66	163.85 12.05 -49.63	143.16 10.60 -44.93	109.20 9.32 -12.79	98.25 9.16 -1.83	85.68 7.82 -1.94	81.36 7.35 -2.63	96.62 6.98 -23.12	118.76 8.18 -39.40	144.99 8.11 -58.18	181.13 10.12 -83.75	189.46 9.52 -92.59	156.19 9.10 -67.19	149.90 11.22 -28.76	133.17 10.43 -8.11	109.96 8.86 -6.80	100.69 7.12 -18.61
NSINS_S___GLNS_FALLS 23858	111.25 8.90 -0.09	102.61 7.86 0.00	99.64 7.64 0.00	101.93 7.99 0.00	108.66 8.69 -0.09	141.61 8.79 -36.23	182.14 5.21 -107.47	225.56 6.44 -130.87	172.60 7.77 -62.66	150.05 5.70 -56.73	108.72 5.49 -16.14	94.63 5.06 -2.31	81.51 4.18 -1.42	75.30 3.93 0.00	93.28 3.86 -22.90	75.66 4.48 0.00	157.74 5.59 -73.46	166.62 6.63 -72.72	188.90 6.73 -94.83	160.97 5.91 -75.16	142.04 7.91 -24.21	135.15 10.55 -9.97	102.50 8.20 0.00	146.42 6.22 -65.25
NUCOR_STEEL___DRP 24197	101.14 -1.12 0.00	93.61 -1.14 0.00	90.90 -1.10 0.00	92.82 -1.13 0.00	98.58 -1.30 0.00	96.13 -0.58 -0.12	79.87 0.07 -10.34	104.86 -0.44 -17.06	109.52 -0.92 -8.27	94.22 -0.79 -7.39	87.81 -1.39 -2.11	86.26 -1.31 -0.31	74.74 -1.37 -0.19	70.23 -1.14 0.00	68.43 -1.06 -2.97	70.26 -0.93 -0.01	87.10 -1.18 -9.59	95.96 -0.96 -9.66	99.25 -0.79 -12.69	87.89 -0.80 -8.80	120.74 -1.43 -12.25	128.11 -1.95 -15.43	100.11 -1.98 -7.79	74.25 -1.80 -1.09
NUMBER_THREE_WT_PWR 323818	103.69 1.43 0.00	96.07 1.33 0.00	93.20 1.19 0.00	95.08 1.13 0.00	102.07 2.19 0.00	98.94 2.31 -0.03	74.55 2.16 -2.94	94.83 3.00 -3.58	107.25 3.37 -1.72	91.37 2.19 -1.55	89.71 2.18 -0.44	89.16 1.84 -0.06	77.24 1.29 -0.04	72.59 1.21 0.00	68.35 1.20 -0.63	72.60 1.42 0.00	81.96 1.26 -2.01	91.17 1.92 -1.99	92.04 2.09 -2.60	83.55 1.60 -2.06	112.34 1.75 -0.66	115.90 1.26 0.00	95.14 0.85 0.00	75.93 0.75 -0.23
NYISO_LBMP_REFERENCE 24008	102.26 0.00 0.00	94.74 0.00 0.00	92.00 0.00 0.00	93.95 0.00 0.00	99.88 0.00 0.00	96.59 0.00 0.00	69.46 0.00 0.00	88.25 0.00 0.00	102.17 0.00 0.00	87.63 0.00 0.00	87.09 0.00 0.00	87.26 0.00 0.00	75.91 0.00 0.00	71.38 0.00 0.00	66.52 0.00 0.00	71.18 0.00 0.00	78.69 0.00 0.00	87.26 0.00 0.00	87.35 0.00 0.00	79.89 0.00 0.00	109.92 0.00 0.00	114.64 0.00 0.00	94.30 0.00 0.00	74.96 0.00 0.00

NYPA_BRENTWD____GT 24164	111.76 9.10 -0.40	102.70 7.96 0.00	100.70 7.73 -0.96	101.28 7.33 0.00	108.48 8.59 -0.01	128.45 9.27 -22.59	161.46 6.88 -85.12	200.81 8.91 -103.66	162.12 10.32 -49.63	142.20 9.64 -44.93	108.76 8.89 -12.79	98.00 8.91 -1.83	85.60 7.75 -1.94	81.29 7.28 -2.63	96.36 6.72 -23.12	118.27 7.69 -39.40	144.99 8.11 -58.18	180.52 9.51 -83.75	189.55 9.61 -92.59	155.80 8.71 -67.19	150.22 11.54 -28.76	134.09 11.35 -8.11	109.87 8.77 -6.80	100.46 6.89 -18.61
NYPA_GOWANUS____GT5 24156	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NYPA_GOWANUS____GT6 24157	111.02 6.64 -2.11	106.90 5.49 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.27 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.37 7.36 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.18 5.78 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.24 7.76 -122.22	254.06 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.18 6.50 -27.39	93.20 5.10 -13.15
NYPA_HARLEM__RVR__GT1 24160	108.91 6.64 -0.01	100.24 5.49 0.00	96.97 4.96 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.67 5.73 -103.69	159.18 7.36 -49.64	139.31 6.75 -44.94	106.49 6.62 -12.78	95.71 6.63 -1.82	82.65 5.62 -1.12	76.65 5.28 0.01	89.51 4.85 -18.14	76.65 5.48 0.01	142.87 5.98 -58.20	151.86 6.98 -57.61	169.55 7.07 -75.13	145.75 6.31 -59.55	137.44 8.35 -19.17	124.47 7.56 -2.27	100.52 6.22 0.00	92.09 5.25 -11.89
NYPA_HARLEM__RVR__GT2 24161	108.91 6.64 -0.01	100.24 5.49 0.00	96.97 4.96 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.67 5.73 -103.69	159.18 7.36 -49.64	139.31 6.75 -44.94	106.49 6.62 -12.78	95.71 6.63 -1.82	82.65 5.62 -1.12	76.65 5.28 0.01	89.51 4.85 -18.14	76.65 5.48 0.01	142.87 5.98 -58.20	151.86 6.98 -57.61	169.55 7.07 -75.13	145.75 6.31 -59.55	137.44 8.35 -19.17	124.47 7.56 -2.27	100.52 6.22 0.00	92.09 5.25 -11.89
NYPA_KENT____GT 24152	107.66 6.45 1.04	96.81 5.40 3.33	92.11 4.96 4.85	94.76 4.79 3.98	104.76 5.49 0.61	106.99 6.19 -4.21	139.42 4.79 -65.18	157.66 6.27 -63.15	122.59 7.87 -12.55	98.05 7.19 -3.23	86.77 7.05 7.37	149.35 7.16 -54.93	125.46 6.08 -43.47	120.54 5.64 -43.53	135.07 5.19 -63.35	132.15 5.84 -55.14	124.03 6.45 -38.88	120.09 7.51 -25.33	128.23 7.60 -33.29	115.19 6.79 -28.51	117.53 9.02 1.40	108.18 8.26 14.72	86.92 6.32 13.69	91.17 4.95 -11.26
NYPA_POUCH1____GT 24155	110.51 6.14 -2.11	56.14 5.02 43.62	56.03 4.60 40.57	56.05 4.42 42.31	56.07 5.09 48.90	56.34 5.80 46.05	199.08 4.51 -125.11	279.04 6.00 -184.79	233.59 7.56 -123.86	222.93 6.92 -128.38	146.91 6.71 -53.12	131.30 6.81 -37.23	62.10 5.77 19.58	62.07 5.36 14.66	119.73 4.92 -48.28	113.56 5.62 -36.76	181.77 6.22 -96.86	216.81 7.33 -122.22	253.70 7.51 -158.84	208.16 6.63 -121.64	179.07 8.80 -60.35	158.82 7.90 -36.28	127.72 6.04 -27.39	92.83 4.73 -13.15
NYPA_VERNON____GT2 24162	108.61 6.34 -0.01	100.05 5.30 0.00	96.97 4.96 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.99 6.19 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.58 7.76 -49.65	139.67 7.09 -44.95	106.85 6.97 -12.79	96.08 6.98 -1.83	82.97 5.93 -1.13	76.95 5.57 0.00	89.79 5.12 -18.14	76.87 5.70 0.00	143.20 6.30 -58.21	152.22 7.33 -57.62	169.91 7.42 -75.14	146.07 6.63 -59.55	137.90 8.80 -19.18	125.06 8.14 -2.28	100.52 6.22 0.00	91.79 4.95 -11.89
NYPA_VERNON____GT3 24163	108.61 6.34 -0.01	100.05 5.30 0.00	96.97 4.96 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.99 6.19 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.58 7.76 -49.65	139.67 7.09 -44.95	106.85 6.97 -12.79	96.08 6.98 -1.83	82.97 5.93 -1.13	76.95 5.57 0.00	89.79 5.12 -18.14	76.87 5.70 0.00	143.20 6.30 -58.21	152.22 7.33 -57.62	169.91 7.42 -75.14	146.07 6.63 -59.55	137.90 8.80 -19.18	125.06 8.14 -2.28	100.52 6.22 0.00	91.79 4.95 -11.89
NYPA__ASTORIA_CC1 323568	108.61 6.34 -0.01	100.05 5.30 0.00	96.88 4.87 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.89 6.09 -4.21	159.34 4.73 -85.16	198.03 6.08 -103.70	159.49 7.67 -49.65	139.59 7.01 -44.95	106.76 6.88 -12.79	95.98 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.05 -18.14	76.80 5.62 0.00	143.20 6.30 -58.21	152.12 7.24 -57.62	169.83 7.34 -75.14	146.00 6.55 -59.55	137.78 8.68 -19.18	124.94 8.02 -2.28	100.42 6.13 0.00	91.79 4.95 -11.89
NYPA__ASTORIA_CC2 323569	108.61 6.34 -0.01	100.05 5.30 0.00	96.88 4.87 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.89 6.09 -4.21	159.34 4.73 -85.16	198.03 6.08 -103.70	159.49 7.67 -49.65	139.59 7.01 -44.95	106.76 6.88 -12.79	95.98 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.05 -18.14	76.80 5.62 0.00	143.20 6.30 -58.21	152.12 7.24 -57.62	169.83 7.34 -75.14	146.00 6.55 -59.55	137.78 8.68 -19.18	124.94 8.02 -2.28	100.42 6.13 0.00	91.79 4.95 -11.89
NYPA__HOLTSVILL 23794	111.25 8.59 -0.40	102.23 7.48 0.00	100.33 7.36 -0.96	100.90 6.95 0.00	107.97 8.09 -0.01	127.97 8.79 -22.59	161.18 6.60 -85.12	200.46 8.56 -103.66	161.71 9.91 -49.63	141.76 9.20 -44.93	108.15 8.28 -12.79	97.47 8.38 -1.83	85.07 7.22 -1.94	80.79 6.78 -2.63	95.96 6.32 -23.12	117.84 7.26 -39.40	144.51 7.63 -58.18	180.08 9.07 -83.75	189.02 9.08 -92.59	155.47 8.39 -67.19	149.67 10.99 -28.76	133.40 10.66 -8.11	109.40 8.30 -6.80	100.02 6.45 -18.61
NYPA__HELLGATE_GT1 24158	108.91 6.64 -0.01	100.24 5.49 0.00	96.97 4.96 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.67 5.73 -103.69	159.18 7.36 -49.64	139.31 6.75 -44.94	106.49 6.62 -12.78	95.71 6.63 -1.82	82.65 5.62 -1.12	76.65 5.28 0.01	89.51 4.85 -18.14	76.65 5.48 0.01	142.87 5.98 -58.20	151.86 6.98 -57.61	169.55 7.07 -75.13	145.75 6.31 -59.55	137.44 8.35 -19.17	124.47 7.56 -2.27	100.52 6.22 0.00	92.09 5.25 -11.89
NYPA__HELLGATE_GT2 24159	108.91 6.64 -0.01	100.24 5.49 0.00	96.97 4.96 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.89 6.09 -4.21	159.06 4.45 -85.16	197.67 5.73 -103.69	159.18 7.36 -49.64	139.31 6.75 -44.94	106.49 6.62 -12.78	95.71 6.63 -1.82	82.65 5.62 -1.12	76.65 5.28 0.01	89.51 4.85 -18.14	76.65 5.48 0.01	142.87 5.98 -58.20	151.86 6.98 -57.61	169.55 7.07 -75.13	145.75 6.31 -59.55	137.44 8.35 -19.17	124.47 7.56 -2.27	100.52 6.22 0.00	92.09 5.25 -11.89
NYS_BARGE__HYD 23848	91.42 -10.84 0.00	84.80 -9.95 0.00	83.08 -8.92 0.00	85.49 -8.46 0.00	90.29 -9.59 0.00	88.42 -8.31 -0.14	75.90 -6.18 -12.63	84.55 -9.97 -6.27	92.48 -13.08 -3.39	80.52 -9.81 -2.71	76.34 -11.50 -0.74	76.36 -11.00 -0.09	66.25 -9.72 -0.05	62.59 -8.78 0.00	59.23 -8.38 -1.09	62.33 -8.83 0.01	71.10 -11.02 -3.43	78.76 -11.87 -3.36	70.91 -11.53 4.91	67.68 -10.15 2.06	68.50 -15.39 26.03	62.38 -15.59 36.67	65.77 -12.63 15.90	65.29 -10.04 -0.38

OAK ORCHARD___HYD 24046	96.54 -5.72 0.00	89.44 -5.30 0.00	87.22 -4.79 0.00	89.44 -4.51 0.00	94.68 -5.20 0.00	93.04 -3.67 -0.12	77.51 -2.36 -10.41	90.37 -4.32 -6.45	98.75 -6.43 -3.01	85.61 -4.82 -2.80	81.78 -6.10 -0.79	81.78 -5.59 -0.10	70.89 -5.09 -0.06	66.81 -4.57 0.00	63.40 -4.26 -1.14	66.75 -4.41 0.01	76.07 -6.22 -3.59	84.25 -6.55 -3.53	85.47 -6.37 -4.49	79.24 -5.75 -5.10	89.51 -8.90 11.51	83.84 -9.28 21.52	75.60 -7.83 10.88	69.06 -6.30 -0.40
OAKDALE___35_KV_LOAD 356122	101.14 -1.12 0.00	93.61 -1.14 0.00	90.90 -1.10 0.00	92.91 -1.03 0.00	98.88 -1.00 0.00	97.82 -0.58 -1.80	96.41 -0.21 -27.16	113.39 -0.71 -25.85	113.57 -0.82 -12.22	98.06 -0.79 -11.22	89.14 -1.13 -3.18	86.57 -1.13 -0.44	75.12 -1.06 -0.27	70.38 -1.00 0.00	70.13 -0.93 -4.54	70.38 -0.78 0.01	92.32 -0.87 -14.49	102.50 -0.70 -15.94	107.48 -0.61 -20.74	95.75 -0.64 -16.50	98.76 -1.32 9.84	88.83 -1.72 24.09	80.09 -1.60 12.61	77.61 -1.42 -4.07
OCC_CHEM___DRP 24175	90.30 -11.96 0.00	83.66 -11.09 0.00	81.97 -10.03 0.00	83.80 -10.15 0.00	89.09 -10.79 0.00	87.37 -9.37 -0.14	75.34 -7.08 -12.97	83.71 -10.68 -6.14	90.19 -14.71 -2.73	79.00 -11.30 -2.68	74.95 -12.89 -0.75	75.23 -12.13 -0.09	65.11 -10.86 -0.05	61.60 -9.78 0.00	58.31 -9.31 -1.10	61.27 -9.89 0.02	69.85 -12.28 -3.43	76.67 -13.96 -3.37	68.48 -13.28 5.59	65.84 -11.50 2.55	65.32 -17.15 27.45	58.48 -16.97 39.19	63.87 -13.58 16.85	63.71 -11.62 -0.38
OH_GEN_PROXY 24063	91.42 -10.84 0.00	84.70 -10.05 0.00	82.89 -9.11 0.00	85.31 -8.64 0.00	90.09 -9.78 0.00	88.33 -8.40 -0.14	76.00 -6.32 -12.86	84.30 -10.23 -6.29	91.67 -13.18 -2.68	80.13 -10.25 -2.75	76.19 -11.67 -0.77	76.28 -11.08 -0.10	66.10 -9.87 -0.05	62.45 -8.92 0.00	59.20 -8.45 -1.13	62.19 -8.97 0.02	70.72 -11.49 -3.52	78.33 -12.39 -3.46	70.80 -12.05 4.49	67.46 -10.79 1.65	67.50 -16.05 26.37	60.99 -16.28 37.37	64.72 -13.20 16.37	65.00 -10.34 -0.39
OLIN_CORP_DRP 24177	90.60 -11.66 0.00	84.04 -10.71 0.00	82.34 -9.66 0.00	84.18 -9.77 0.00	89.49 -10.39 0.00	87.75 -8.98 -0.15	75.68 -6.88 -13.10	83.35 -11.03 -6.14	90.85 -14.71 -2.88	79.78 -10.52 -2.67	75.46 -12.37 -0.74	75.57 -11.78 -0.09	65.49 -10.48 -0.05	61.88 -9.49 0.00	58.56 -9.05 -1.09	61.62 -9.54 0.02	70.08 -12.04 -3.42	77.36 -13.26 -3.36	68.80 -12.84 5.71	65.92 -11.34 2.62	65.23 -16.93 27.76	58.56 -17.20 38.88	63.86 -13.67 16.76	64.16 -11.17 -0.37
OLIN_CORP_DSASP 323712	90.30 -11.96 0.00	83.66 -11.08 0.00	81.98 -10.03 0.00	84.36 -9.58 0.00	89.09 -10.79 0.00	87.37 -9.37 -0.14	75.34 -7.09 -12.97	83.97 -10.41 -6.14	90.19 -14.71 -2.73	78.92 -11.39 -2.68	74.95 -12.89 -0.75	75.14 -12.22 -0.09	65.19 -10.78 -0.05	61.60 -9.78 0.00	58.30 -9.31 -1.10	61.27 -9.89 0.02	69.77 -12.35 -3.43	76.93 -13.70 -3.37	68.56 -13.19 5.59	66.08 -11.26 2.55	65.44 -17.04 27.45	58.60 -16.85 39.19	63.87 -13.58 16.85	64.01 -11.32 -0.38
ONEIDA_HERK_LFGE 323681	104.82 2.56 0.00	97.11 2.37 0.00	94.30 2.30 0.00	96.20 2.25 0.00	102.87 2.99 0.00	99.80 3.18 -0.03	74.63 2.64 -2.53	94.77 3.44 -3.08	107.53 3.88 -1.48	91.77 2.80 -1.34	90.17 2.70 -0.38	89.76 2.44 -0.05	77.85 1.90 -0.03	73.16 1.79 0.00	68.73 1.66 -0.54	73.24 2.07 0.00	82.62 2.20 -1.73	91.77 2.79 -1.71	92.55 2.97 -2.23	84.06 2.39 -1.77	113.46 2.97 -0.57	117.27 2.64 0.00	96.18 1.89 0.00	76.65 1.50 -0.20
ONEIDA___115KV_TB4 55905	105.23 2.97 0.00	97.49 2.75 0.00	94.58 2.58 0.00	96.67 2.72 0.00	103.07 3.20 0.00	100.22 3.57 -0.05	77.29 2.99 -4.85	97.77 3.62 -5.91	109.09 4.09 -2.83	93.25 3.07 -2.56	90.61 2.79 -0.73	89.98 2.62 -0.10	77.88 1.90 -0.06	73.23 1.86 0.00	69.35 1.80 -1.03	73.38 2.21 0.00	84.45 2.44 -3.32	93.60 3.05 -3.28	94.77 3.14 -4.28	85.92 2.64 -3.39	114.20 3.19 -1.09	117.50 2.87 0.00	96.28 1.98 0.00	76.76 1.42 -0.38
ONONDAGA_REF_OCCRA 23987	100.63 -1.64 0.00	93.13 -1.61 0.00	90.44 -1.56 0.00	92.26 -1.69 0.00	98.08 -1.80 0.00	95.54 -1.16 -0.10	78.34 -0.42 -9.30	101.87 -0.88 -14.51	107.86 -1.33 -7.02	92.86 -1.05 -6.28	87.32 -1.57 -1.79	86.04 -1.48 -0.26	74.56 -1.52 -0.16	70.09 -1.28 0.00	67.86 -1.20 -2.53	70.04 -1.14 -0.01	85.43 -1.42 -8.15	94.12 -1.31 -8.16	96.83 -1.22 -10.71	86.39 -1.12 -7.62	117.10 -1.98 -9.16	123.21 -2.41 -10.98	97.58 -2.26 -5.55	73.86 -2.02 -0.93
ONONDAGA___COGEN 23986	100.63 -1.64 0.00	93.13 -1.61 0.00	90.35 -1.66 0.00	91.88 -2.07 0.00	97.48 -2.40 0.00	94.95 -1.74 -0.10	77.33 -0.76 -8.64	97.35 -1.41 -10.52	105.17 -2.04 -5.04	90.61 -1.58 -4.56	86.21 -2.18 -1.30	85.44 -2.01 -0.19	74.05 -1.97 -0.11	69.66 -1.71 0.00	66.77 -1.60 -1.84	69.61 -1.57 0.00	82.71 -1.89 -5.91	91.28 -1.83 -5.85	93.23 -1.75 -7.62	84.26 -1.68 -6.04	109.23 -2.64 -1.95	111.54 -3.10 0.00	91.47 -2.83 0.00	73.23 -2.40 -0.67
ONTARIO___LFGE 23819	99.51 -2.76 0.00	92.28 -2.46 0.00	89.79 -2.21 0.00	92.16 -1.79 0.00	97.48 -2.40 0.00	95.38 -1.35 -0.14	81.60 -0.14 -12.28	88.75 -0.97 -1.47	100.63 -1.94 -0.40	86.62 -1.67 -0.66	84.64 -2.61 -0.17	84.82 -2.44 0.00	73.48 -2.43 0.01	69.24 -2.14 0.00	64.88 -1.93 -0.29	69.30 -1.85 0.02	77.28 -2.20 -0.79	86.02 -1.84 -0.60	92.50 -1.92 -7.07	87.56 -1.68 -9.35	85.86 -3.08 20.98	68.85 -3.55 42.23	67.38 -3.39 23.53	71.88 -3.15 -0.07
ORANGEVILLE_WT_PWR 323706	93.57 -8.69 0.00	86.79 -7.96 0.00	85.01 -7.00 0.00	87.47 -6.48 0.00	92.68 -7.19 0.00	90.39 -6.38 -0.17	80.41 -4.65 -15.60	85.12 -7.41 -4.29	94.29 -9.61 -1.73	81.54 -7.97 -1.89	78.72 -8.88 -0.51	78.85 -8.46 -0.05	68.42 -7.52 -0.02	64.59 -6.78 0.00	60.79 -6.52 -0.78	64.32 -6.83 0.02	73.04 -8.03 -2.37	81.07 -8.46 -2.27	39.10 -8.73 39.51	42.25 -8.07 29.58	28.76 -12.42 68.74	25.24 -13.18 76.22	57.72 -10.94 25.64	66.59 -8.62 -0.25
ORANGEVILLE___ESR 323794	93.57 -8.69 0.00	86.79 -7.96 0.00	85.01 -7.00 0.00	87.47 -6.48 0.00	92.68 -7.19 0.00	90.39 -6.38 -0.17	80.41 -4.65 -15.60	85.12 -7.41 -4.29	94.29 -9.61 -1.73	81.54 -7.97 -1.89	78.72 -8.88 -0.51	78.85 -8.46 -0.05	68.42 -7.52 -0.02	64.59 -6.78 0.00	60.79 -6.52 -0.78	64.32 -6.83 0.02	73.04 -8.03 -2.37	81.07 -8.46 -2.27	39.10 -8.73 39.51	42.25 -8.07 29.58	28.76 -12.42 68.74	25.24 -13.18 76.22	57.72 -10.94 25.64	66.59 -8.62 -0.25
OSWEGATCHIE___HYD 24044	102.57 0.31 0.00	95.32 0.57 0.00	92.56 0.56 0.00	94.23 0.28 0.00	100.48 0.60 0.00	96.62 0.00 -0.02	71.98 0.35 -2.17	91.77 0.88 -2.65	104.25 0.81 -1.27	89.13 0.35 -1.15	88.03 0.61 -0.33	87.57 0.26 -0.05	76.17 0.23 -0.03	71.52 0.14 0.00	67.25 0.27 -0.46	71.25 0.07 0.00	80.26 0.08 -1.49	89.08 0.35 -1.47	89.62 0.35 -1.92	81.41 0.00 -1.52	110.19 -0.22 -0.49	114.41 -0.23 0.00	94.58 0.28 0.00	75.87 0.75 -0.17
OSWEGO___5 23606	98.89 -3.37 0.00	91.52 -3.22 0.00	88.87 -3.13 0.00	90.85 -3.10 0.00	96.48 -3.40 0.00	93.76 -2.90 -0.07	73.79 -1.73 -6.06	92.98 -2.65 -7.38	102.43 -3.27 -3.54	88.11 -2.72 -3.20	84.87 -3.13 -0.91	84.34 -3.06 -0.13	73.26 -2.73 -0.08	68.88 -2.50 0.00	65.48 -2.33 -1.29	68.76 -2.42 0.00	80.01 -2.83 -4.15	88.40 -2.97 -4.10	89.73 -2.72 -5.35	81.42 -2.72 -4.24	107.33 -3.95 -1.37	110.28 -4.36 0.00	90.52 -3.77 0.00	72.35 -3.08 -0.47

OSWEGO___6 23613	98.89 -3.37 0.00	91.52 -3.22 0.00	88.87 -3.13 0.00	90.85 -3.10 0.00	96.48 -3.40 0.00	93.76 -2.90 -0.07	73.79 -1.73 -6.06	92.98 -2.65 -7.38	102.43 -3.27 -3.54	88.11 -2.72 -3.20	84.87 -3.13 -0.91	84.34 -3.06 -0.13	73.26 -2.73 -0.08	68.88 -2.50 0.00	65.48 -2.33 -1.29	68.76 -2.42 0.00	80.01 -2.83 -4.15	88.40 -2.97 -4.10	89.73 -2.97 -5.35	81.42 -2.72 -4.24	107.33 -3.95 -1.37	110.28 -4.36 0.00	90.52 -3.77 0.00	72.35 -3.08 -0.47
OUTOKUMPU-AB___DRP 24206	92.04 -10.23 0.00	85.27 -9.47 0.00	83.54 -8.46 0.00	85.40 -8.55 0.00	90.89 -8.99 0.00	88.82 -7.92 -0.15	76.61 -6.04 -13.20	84.90 -9.44 -6.10	92.59 -12.47 -2.89	80.64 -9.64 -2.65	76.85 -10.97 -0.73	76.97 -10.38 -0.09	66.70 -9.26 -0.05	63.10 -8.28 0.00	59.62 -7.98 -1.08	62.69 -8.47 0.02	71.53 -10.55 -3.38	78.97 -11.61 -3.32	69.96 -11.01 6.38	67.35 -9.43 3.12	66.67 -14.40 28.86	59.47 -14.56 40.61	65.23 -11.69 17.38	65.58 -9.74 -0.37
OXBOW___BTM 323836	90.91 -11.35 0.00	84.22 -10.52 0.00	82.53 -9.47 0.00	84.93 -9.02 0.00	89.69 -10.19 0.00	87.85 -8.88 -0.15	75.81 -6.74 -13.09	84.30 -10.06 -6.12	91.18 -13.80 -2.80	79.60 -10.69 -2.67	75.73 -12.10 -0.74	75.83 -11.52 -0.09	65.79 -10.17 -0.05	62.17 -9.21 0.00	58.83 -8.78 -1.09	61.84 -9.32 0.02	70.45 -11.65 -3.40	77.86 -12.74 -3.34	69.13 -12.23 5.99	66.67 -10.38 2.84	65.82 -15.94 28.16	58.90 -15.82 39.92	64.35 -12.82 17.12	64.76 -10.57 -0.37
OXBOW____ 24026	90.91 -11.35 0.00	84.23 -10.52 0.00	82.53 -9.48 0.00	84.36 -9.58 0.00	89.69 -10.19 0.00	87.85 -8.89 -0.15	75.81 -6.74 -13.09	84.13 -10.24 -6.12	91.18 -13.79 -2.80	79.69 -10.60 -2.67	75.72 -12.11 -0.74	75.92 -11.43 -0.09	65.79 -10.17 -0.05	62.17 -9.21 0.00	58.83 -8.78 -1.09	61.84 -9.32 0.02	70.53 -11.57 -3.40	77.69 -12.91 -3.34	69.04 -12.32 5.99	66.43 -10.63 2.84	65.82 -15.94 28.16	58.78 -15.93 39.92	64.35 -12.82 17.12	64.46 -10.87 -0.37
OXY_CHEM_DSASP 323612	90.30 -11.96 0.00	83.66 -11.09 0.00	81.97 -10.03 0.00	83.80 -10.15 0.00	89.09 -10.79 0.00	87.37 -9.37 -0.14	75.34 -7.08 -12.97	83.71 -10.68 -6.14	90.19 -14.71 -2.73	79.00 -11.30 -2.68	74.95 -12.89 -0.75	75.23 -12.13 -0.09	65.11 -10.86 -0.05	61.60 -9.78 0.00	58.31 -9.31 -1.10	61.27 -9.89 0.02	69.85 -12.28 -3.43	76.67 -13.96 -3.37	68.48 -13.28 5.59	65.84 -11.50 2.55	65.32 -17.15 27.45	58.48 -16.97 39.19	63.87 -13.58 16.85	63.71 -11.62 -0.38
OZONE_PARK_ESR 323760	109.12 6.85 -0.01	100.52 5.78 0.00	97.43 5.43 0.00	99.30 5.35 0.00	105.98 6.09 -0.01	107.56 6.76 -4.21	159.95 5.35 -85.15	198.99 7.06 -103.69	160.40 8.58 -49.65	140.37 7.80 -44.94	107.37 7.49 -12.79	96.60 7.50 -1.83	83.42 6.38 -1.13	77.37 6.00 0.00	90.19 5.52 -18.14	77.30 6.12 0.00	143.66 6.77 -58.20	152.82 7.94 -57.62	170.52 8.04 -75.13	146.63 7.19 -59.55	138.66 9.56 -19.18	125.86 8.94 -2.28	100.99 6.70 0.00	91.94 5.10 -11.89
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	90.30 -11.96 0.00	83.66 -11.09 0.00	81.97 -10.03 0.00	83.80 -10.15 0.00	89.09 -10.79 0.00	87.37 -9.37 -0.14	75.34 -7.08 -12.97	83.71 -10.68 -6.14	90.19 -14.71 -2.73	79.00 -11.30 -2.68	74.95 -12.89 -0.75	75.23 -12.13 -0.09	65.11 -10.86 -0.05	61.60 -9.78 0.00	58.31 -9.31 -1.10	61.27 -9.89 0.02	69.85 -12.28 -3.43	76.67 -13.96 -3.37	68.48 -13.28 5.59	65.84 -11.50 2.55	65.32 -17.15 27.45	58.48 -16.97 39.19	63.87 -13.58 16.85	63.71 -11.62 -0.38
PACKARD___115KV_DUPONT_184 80571	90.30 -11.96 0.00	83.66 -11.09 0.00	81.97 -10.03 0.00	83.80 -10.15 0.00	89.09 -10.79 0.00	87.37 -9.37 -0.14	75.34 -7.08 -12.97	83.71 -10.68 -6.14	90.19 -14.71 -2.73	79.00 -11.30 -2.68	74.95 -12.89 -0.75	75.23 -12.13 -0.09	65.11 -10.86 -0.05	61.60 -9.78 0.00	58.31 -9.31 -1.10	61.27 -9.89 0.02	69.85 -12.28 -3.43	76.67 -13.96 -3.37	68.48 -13.28 5.59	65.84 -11.50 2.55	65.32 -17.15 27.45	58.48 -16.97 39.19	63.87 -13.58 16.85	63.71 -11.62 -0.38
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	108.81 6.54 -0.01	100.14 5.40 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.79 5.99 -4.21	159.06 4.45 -85.16	197.68 5.74 -103.70	159.08 7.25 -49.65	139.15 6.57 -44.95	106.32 6.44 -12.79	95.64 6.54 -1.83	82.58 5.54 -1.13	76.52 5.14 0.00	89.39 4.72 -18.14	76.52 5.34 0.00	142.80 5.90 -58.21	151.78 6.89 -57.62	169.48 6.99 -75.14	145.68 6.23 -59.55	137.35 8.24 -19.18	124.37 7.45 -2.28	100.43 6.13 0.00	91.94 5.10 -11.89
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	109.73 7.47 -0.01	101.00 6.25 0.00	97.71 5.70 0.00	99.58 5.64 0.00	106.18 6.29 -0.01	107.56 6.76 -4.21	159.61 5.00 -85.16	198.38 6.44 -103.70	159.79 7.97 -49.65	139.76 7.19 -44.95	106.93 7.05 -12.79	96.25 7.16 -1.83	83.04 6.00 -1.13	76.94 5.57 0.00	89.85 5.19 -18.14	76.94 5.77 0.00	143.27 6.37 -58.21	152.30 7.42 -57.62	170.09 7.60 -75.14	146.16 6.71 -59.55	138.12 9.01 -19.18	125.17 8.25 -2.28	101.09 6.79 0.00	92.47 5.62 -11.89
PATROON___115KV_TB1 80586	106.61 4.29 -0.06	98.53 3.79 0.00	95.68 3.68 0.00	97.71 3.76 0.00	103.93 4.00 -0.06	123.96 3.96 -23.41	177.01 2.64 -104.92	219.18 3.18 -127.76	167.43 4.09 -61.17	146.42 3.42 -55.38	106.68 3.83 -15.76	93.44 3.93 -2.25	80.64 3.34 -1.39	74.52 3.14 0.00	91.80 2.93 -22.35	74.10 2.92 0.00	153.08 2.68 -71.71	161.14 2.88 -70.99	182.72 2.80 -92.58	155.74 2.48 -73.38	137.07 3.52 -23.63	125.29 3.67 -6.99	97.69 3.39 0.00	122.22 3.00 -44.27
PATTRSNVILLE___SOLAR 323815	107.27 4.91 -0.10	99.01 4.27 0.00	96.15 4.14 0.00	98.18 4.23 0.00	104.67 4.70 -0.10	140.15 4.92 -38.63	183.68 3.68 -110.55	227.36 4.50 -134.62	171.84 5.21 -64.45	149.66 3.68 -58.35	106.82 3.13 -16.60	92.61 2.97 -2.38	79.88 2.50 -1.46	73.80 2.43 0.00	92.54 2.46 -23.55	74.10 2.92 0.00	158.11 3.86 -75.56	166.78 4.71 -74.80	189.61 4.71 -97.54	161.44 4.23 -77.31	140.42 5.60 -24.90	130.98 5.84 -10.50	98.82 4.53 0.00	147.67 3.38 -69.34
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	94.39 -7.87 0.00	87.45 -7.30 0.00	85.56 -6.44 0.00	87.56 -6.39 0.00	93.19 -6.69 0.00	89.41 -7.34 -0.16	77.78 -6.11 -14.43	85.64 -8.65 -6.04	95.76 -9.09 -2.68	82.03 -8.24 -2.64	79.81 -8.01 -0.73	79.15 -8.20 -0.09	68.98 -6.98 -0.05	64.74 -6.64 0.00	61.15 -6.45 -1.08	64.68 -6.48 0.02	75.06 -7.00 -3.37	83.67 -6.89 -3.30	73.90 -6.64 6.81	70.79 -5.99 3.12	68.23 -9.45 32.24	58.74 -9.86 46.04	66.37 -7.92 20.01	68.95 -6.37 -0.37
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	109.53 7.26 -0.01	101.09 6.35 0.00	97.98 5.98 0.00	99.96 6.01 0.00	106.68 6.79 -0.01	108.25 7.34 -4.32	161.39 5.90 -86.03	200.77 7.77 -104.76	161.43 9.09 -50.16	141.01 7.97 -45.41	107.50 7.49 -12.92	96.79 7.68 -1.85	83.50 6.45 -1.14	77.30 5.92 0.00	90.31 5.45 -18.33	77.30 6.12 0.00	144.50 7.00 -58.80	153.77 8.29 -58.21	172.08 8.82 -75.91	147.73 7.67 -60.17	139.41 10.11 -19.38	126.70 9.74 -2.32	101.65 7.36 0.00	92.62 5.55 -12.12
PEEKSKILL____ 23653	107.99 5.72 -0.01	99.67 4.92 0.00	96.60 4.60 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.55 5.80 -4.16	158.31 4.58 -84.28	196.69 5.82 -102.62	158.35 7.04 -49.14	138.42 6.31 -44.48	105.75 6.00 -12.66	95.18 6.11 -1.81	82.19 5.16 -1.12	76.16 4.78 0.00	88.94 4.46 -17.96	76.08 4.91 0.00	141.81 5.51 -57.60	150.75 6.46 -57.03	168.35 6.64 -74.36	144.74 5.91 -58.94	136.71 7.81 -18.98	124.34 7.45 -2.26	99.86 5.56 0.00	90.92 4.19 -11.77

PGE MADISON___WINDPWR 24146	109.73 7.46 -0.01	101.76 7.01 0.00	98.91 6.90 0.00	101.37 7.42 0.00	108.47 8.59 -0.01	108.44 9.37 -2.48	103.54 7.78 -26.31	147.08 10.06 -48.78	137.24 11.34 -23.73	117.15 8.41 -21.11	100.79 7.67 -6.04	95.39 7.24 -0.89	82.01 5.54 -0.56	76.58 5.21 0.00	79.94 4.92 -8.50	77.61 6.41 -0.03	113.99 7.87 -27.43	124.98 9.69 -28.03	136.29 9.78 -39.16	113.96 7.91 -26.15	164.76 9.56 -45.28	183.25 8.36 -60.25	129.56 6.04 -29.22	86.05 4.42 -6.67
PIERCEFIELD___HYD 23852	102.16 -0.10 0.00	95.03 0.28 0.00	92.56 0.55 0.00	94.14 0.19 0.00	99.68 -0.20 0.00	95.14 -1.45 0.00	68.48 -0.97 0.00	87.63 -0.62 0.00	101.25 -0.92 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.83 -0.44 0.00	75.84 -0.08 0.00	71.16 -0.21 0.00	66.46 -0.07 0.00	70.47 -0.71 0.00	78.22 -0.47 0.00	86.48 -0.79 0.00	86.39 -0.96 0.00	78.93 -0.96 0.00	108.60 -1.32 0.00	113.83 -0.80 0.00	94.68 0.38 0.00	76.30 1.35 0.00
PINELAWN_CC_1 323563	110.85 8.18 -0.40	101.85 7.11 0.00	99.87 6.90 -0.96	100.52 6.57 0.00	107.47 7.59 -0.01	127.58 8.40 -22.59	160.90 6.32 -85.12	200.20 8.29 -103.66	161.41 9.60 -49.63	141.40 8.85 -44.93	107.98 8.10 -12.79	97.29 8.20 -1.83	84.92 7.06 -1.94	80.64 6.64 -2.63	95.83 6.19 -23.12	117.56 6.98 -39.40	144.43 7.56 -58.18	180.00 8.99 -83.75	189.02 9.08 -92.59	155.24 8.15 -67.19	149.57 10.88 -28.76	133.28 10.54 -8.11	109.11 8.01 -6.80	99.79 6.22 -18.61
PJM_GEN_HTP_PROXY 323702	108.30 6.03 -0.01	99.95 5.21 0.00	96.78 4.78 0.00	98.64 4.70 0.00	105.27 5.39 -0.01	106.89 6.09 -4.21	159.38 4.79 -85.14	198.19 6.27 -103.68	159.48 7.67 -49.64	139.58 7.01 -44.94	106.58 6.71 -12.79	95.81 6.72 -1.83	82.74 5.70 -1.13	76.73 5.36 0.00	89.58 4.92 -18.14	76.66 5.48 0.00	142.95 6.06 -58.19	151.94 7.07 -57.61	169.64 7.16 -75.12	145.83 6.39 -59.54	137.56 8.46 -19.18	124.82 7.90 -2.28	100.24 5.94 0.00	91.34 4.50 -11.89
PJM_GEN_KEystone 24065	37.24 -5.52 59.50	36.21 -5.21 53.32	35.38 -4.79 51.84	35.98 -4.51 53.46	37.86 -4.99 57.03	42.07 -4.54 49.98	52.11 -3.40 13.94	61.28 -5.47 21.49	50.65 -6.33 45.19	43.77 -5.17 38.69	40.46 -5.48 41.15	38.02 -5.49 43.75	36.21 -4.86 34.84	35.36 -4.49 31.52	34.62 -4.32 27.58	35.36 -4.48 31.34	40.57 -4.96 33.17	60.58 -5.06 21.62	58.04 -4.89 24.42	54.13 -4.47 21.29	50.05 -7.04 52.83	45.14 -7.45 62.05	41.70 -6.23 46.37	39.70 -4.80 30.46
PJM_GEN_NEPTUNE_PROXY 323594	109.44 6.96 -0.22	100.72 5.97 0.00	98.23 5.71 -0.52	99.39 5.45 0.00	106.28 6.40 -0.01	117.76 7.05 -14.12	159.86 5.28 -85.12	198.79 6.89 -103.66	159.98 8.18 -49.63	140.18 7.62 -44.93	106.93 7.05 -12.79	96.25 7.16 -1.83	83.71 6.23 -1.57	78.65 5.85 -1.42	92.73 5.39 -20.82	98.41 5.98 -21.25	143.33 6.45 -58.18	166.65 7.68 -71.70	179.66 7.77 -84.54	150.50 6.95 -63.66	143.50 9.23 -24.34	128.89 8.83 -5.42	104.66 6.70 -3.67	95.64 5.17 -15.52
PJM_GEN_VFT_PROXY 323633	53.74 5.21 53.74	48.82 4.36 50.29	45.76 4.04 50.29	47.62 3.95 50.28	54.24 4.50 50.14	55.84 5.31 46.06	54.96 4.24 18.73	52.88 5.56 40.93	38.57 6.95 70.55	31.47 6.39 62.55	28.34 6.09 64.84	27.57 6.11 65.80	33.26 5.16 47.82	32.54 4.86 43.69	32.17 4.46 38.81	25.55 4.98 50.61	30.41 5.51 53.79	32.68 6.46 61.04	32.98 6.55 60.92	30.98 5.83 54.74	28.73 7.69 88.88	35.06 7.11 86.69	31.58 5.18 67.90	60.45 3.90 18.40
PLATSBURG_115KV_PMLD1 355749	101.03 -1.23 0.00	93.89 -0.85 0.00	91.36 -0.64 0.00	92.91 -1.03 0.00	98.78 -1.10 0.00	95.14 -1.45 0.00	68.76 -0.69 0.00	87.72 -0.53 0.00	101.15 -1.02 0.00	86.75 -0.88 0.00	86.83 -0.26 0.00	87.00 -0.26 0.00	76.07 0.15 0.00	71.45 0.07 0.00	66.72 0.20 0.00	71.25 0.07 0.00	79.48 0.79 0.00	87.70 0.44 0.00	87.61 0.26 0.00	80.05 0.16 0.00	109.92 0.00 0.00	114.86 0.23 0.00	95.05 0.75 0.00	76.90 1.95 0.00
PLEASANTVLY___LBMP 24000	107.79 5.52 -0.01	99.48 4.74 0.00	96.51 4.51 0.00	98.46 4.51 0.00	104.98 5.09 -0.01	106.63 5.60 -4.43	162.51 4.31 -88.75	201.78 5.47 -108.07	160.56 6.64 -51.74	140.43 5.96 -46.84	106.08 5.66 -13.33	94.93 5.76 -1.91	82.02 4.93 -1.17	75.94 4.57 0.00	89.69 4.26 -18.91	75.87 4.70 0.00	144.55 5.19 -60.66	153.33 6.02 -60.05	171.77 6.11 -78.31	147.47 5.51 -62.06	137.17 7.25 -19.99	124.02 6.99 -2.39	99.58 5.28 0.00	91.47 4.05 -12.47
PLSNTVLE_13_KV_13.8KVDIST 80602	108.30 6.03 -0.01	99.96 5.21 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.91 6.09 -4.24	159.95 4.72 -85.77	198.78 6.09 -104.45	159.54 7.36 -50.01	139.47 6.57 -45.27	106.33 6.36 -12.88	95.48 6.37 -1.84	82.44 5.39 -1.14	76.44 5.07 0.00	89.45 4.66 -18.27	76.37 5.20 0.00	143.07 5.74 -58.63	152.02 6.72 -58.04	169.93 6.90 -75.68	146.03 6.15 -59.99	137.38 8.13 -19.32	124.73 7.80 -2.30	100.14 5.85 0.00	91.35 4.42 -11.97
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	108.30 6.03 -0.01	99.96 5.21 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.91 6.09 -4.24	159.95 4.72 -85.77	198.78 6.09 -104.45	159.54 7.36 -50.01	139.47 6.57 -45.27	106.33 6.36 -12.88	95.48 6.37 -1.84	82.44 5.39 -1.14	76.44 5.07 0.00	89.45 4.66 -18.27	76.37 5.20 0.00	143.07 5.74 -58.63	152.02 6.72 -58.04	169.93 6.90 -75.68	146.03 6.15 -59.99	137.38 8.13 -19.32	124.73 7.80 -2.30	100.14 5.85 0.00	91.35 4.42 -11.97
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	108.82 6.54 -0.01	100.43 5.68 0.00	97.43 5.43 0.00	99.40 5.45 0.00	105.98 6.09 -0.01	107.99 6.76 -4.64	161.59 5.21 -86.93	200.72 6.62 -105.85	160.72 7.87 -50.68	140.35 6.83 -45.88	106.59 6.44 -13.06	95.76 6.63 -1.87	82.61 5.54 -1.15	76.52 5.14 0.00	89.83 4.79 -18.52	76.59 5.41 0.00	144.17 6.06 -59.42	153.24 7.16 -58.82	171.39 7.34 -76.70	147.24 6.55 -60.79	138.18 8.68 -19.58	125.30 8.25 -2.41	100.71 6.41 0.00	92.44 4.80 -12.69
POLETTI___ 23519	108.00 5.73 -0.01	99.58 4.83 0.00	96.51 4.51 0.00	98.36 4.42 0.00	104.88 4.99 -0.01	106.60 5.80 -4.21	159.19 4.58 -85.15	197.92 6.00 -103.67	159.16 7.36 -49.63	139.30 6.75 -44.93	106.31 6.44 -12.77	95.62 6.54 -1.81	82.57 5.54 -1.11	76.50 5.14 0.02	89.37 4.72 -18.13	76.50 5.34 0.02	142.70 5.82 -58.19	151.67 6.81 -57.60	169.45 6.99 -75.12	145.66 6.23 -59.53	137.22 8.13 -19.16	124.47 7.57 -2.27	99.96 5.66 0.00	91.12 4.27 -11.89
POMONA___ESR 323819	107.79 5.52 -0.01	99.39 4.64 0.00	96.42 4.42 0.00	98.27 4.32 0.00	104.88 4.99 -0.01	106.24 5.60 -4.05	155.95 4.38 -82.12	193.81 5.56 -100.00	156.60 6.54 -47.88	136.93 5.96 -43.34	105.00 5.58 -12.33	94.70 5.67 -1.76	81.79 4.79 -1.09	75.88 4.50 0.00	88.14 4.13 -17.50	75.80 4.62 0.00	139.94 5.11 -56.13	148.85 6.02 -55.57	166.01 6.20 -72.46	142.83 5.51 -57.43	135.67 7.25 -18.50	123.71 6.88 -2.20	99.39 5.09 0.00	90.30 3.90 -11.44
PORT_JEFF_3 23555	111.76 9.10 -0.40	102.70 7.96 0.00	100.70 7.73 -0.96	101.28 7.33 0.00	108.37 8.48 -0.01	128.45 9.27 -22.59	161.59 7.01 -85.12	201.08 9.18 -103.66	162.33 10.53 -49.63	142.20 9.64 -44.93	108.58 8.71 -12.79	97.82 8.73 -1.83	85.37 7.52 -1.94	81.07 7.07 -2.63	96.29 6.65 -23.12	118.12 7.54 -39.40	144.91 8.03 -58.18	180.52 9.51 -83.75	189.46 9.52 -92.59	155.95 8.87 -67.19	150.33 11.65 -28.76	133.98 11.24 -8.11	109.87 8.77 -6.80	100.39 6.82 -18.61

PORT_JEFF_4 23616	111.76 9.10 -0.40	102.70 7.96 0.00	100.70 7.73 -0.96	101.28 7.33 0.00	108.37 8.48 -0.01	128.45 9.27 -22.59	161.59 7.01 -85.12	201.08 9.18 -103.66	162.33 10.53 -49.63	142.20 9.64 -44.93	108.58 8.71 -12.79	97.82 8.73 -1.83	85.37 7.52 -1.94	81.07 7.07 -2.63	96.29 6.65 -23.12	118.12 7.54 -39.40	144.91 8.03 -58.18	180.52 9.51 -83.75	189.46 9.52 -92.59	155.95 8.87 -67.19	150.33 11.65 -28.76	133.98 11.24 -8.11	109.87 8.77 -6.80	100.39 6.82 -18.61
PORT_JEFF_IC 23713	111.97 9.31 -0.40	102.99 8.24 0.00	100.97 8.00 -0.96	101.75 7.80 0.00	108.67 8.79 -0.01	128.65 9.47 -22.59	161.73 7.15 -85.12	201.35 9.44 -103.66	162.53 10.73 -49.63	142.02 9.46 -44.93	108.76 8.88 -12.79	97.99 8.90 -1.83	85.52 7.67 -1.94	81.21 7.21 -2.63	96.36 6.72 -23.12	118.33 7.76 -39.40	145.06 8.18 -58.18	180.52 9.51 -83.75	189.46 9.52 -92.59	156.11 9.03 -67.19	150.55 11.87 -28.76	134.21 11.46 -8.11	110.06 8.96 -6.80	100.46 6.90 -18.61
PPL PILGRIM_ST_GT1 24216	111.76 9.10 -0.40	102.70 7.96 0.00	100.70 7.73 -0.96	101.28 7.33 0.00	108.48 8.59 -0.01	128.45 9.27 -22.59	161.46 6.88 -85.12	200.81 8.91 -103.66	162.12 10.32 -49.63	142.20 9.64 -44.93	108.76 8.89 -12.79	98.00 8.91 -1.83	85.60 7.75 -1.94	81.29 7.28 -2.63	96.36 6.72 -23.12	118.27 7.69 -39.40	144.99 8.11 -58.18	180.52 9.51 -83.75	189.55 9.61 -92.59	155.80 8.71 -67.19	150.22 11.54 -28.76	134.09 11.35 -8.11	109.87 8.77 -6.80	100.46 6.89 -18.61
PPL PILGRIM_ST_GT2 24217	111.76 9.10 -0.40	102.70 7.96 0.00	100.70 7.73 -0.96	101.28 7.33 0.00	108.48 8.59 -0.01	128.45 9.27 -22.59	161.46 6.88 -85.12	200.81 8.91 -103.66	162.12 10.32 -49.63	142.20 9.64 -44.93	108.76 8.89 -12.79	98.00 8.91 -1.83	85.60 7.75 -1.94	81.29 7.28 -2.63	96.36 6.72 -23.12	118.27 7.69 -39.40	144.99 8.11 -58.18	180.52 9.51 -83.75	189.55 9.61 -92.59	155.80 8.71 -67.19	150.22 11.54 -28.76	134.09 11.35 -8.11	109.87 8.77 -6.80	100.46 6.89 -18.61
PPL_SHRM_GT3 24213	112.89 10.23 -0.40	103.65 8.90 0.00	101.71 8.74 -0.96	102.31 8.36 0.00	109.47 9.59 -0.01	129.62 10.44 -22.59	162.63 8.05 -85.12	202.49 10.58 -103.66	163.65 11.85 -49.63	143.07 10.51 -44.93	109.10 9.23 -12.79	98.17 9.07 -1.83	85.60 7.75 -1.94	81.36 7.35 -2.63	96.62 6.98 -23.12	118.69 8.11 -39.40	144.99 8.11 -58.18	181.13 10.12 -83.75	189.55 9.61 -92.59	156.19 9.10 -67.19	150.00 11.32 -28.76	133.40 10.66 -8.11	110.06 8.96 -6.80	100.69 7.12 -18.61
PPL_SHRM_GT4 24214	112.89 10.23 -0.40	103.65 8.90 0.00	101.71 8.74 -0.96	102.31 8.36 0.00	109.47 9.59 -0.01	129.62 10.44 -22.59	162.63 8.05 -85.12	202.49 10.58 -103.66	163.65 11.85 -49.63	143.07 10.51 -44.93	109.10 9.23 -12.79	98.17 9.07 -1.83	85.60 7.75 -1.94	81.36 7.35 -2.63	96.62 6.98 -23.12	118.69 8.11 -39.40	144.99 8.11 -58.18	181.13 10.12 -83.75	189.55 9.61 -92.59	156.19 9.10 -67.19	150.00 11.32 -28.76	133.40 10.66 -8.11	110.06 8.96 -6.80	100.69 7.12 -18.61
PROJECT___ORANGE 1 24174	100.11 -2.15 0.00	92.57 -2.18 0.00	89.89 -2.12 0.00	91.79 -2.16 0.00	97.58 -2.30 0.00	95.03 -1.64 -0.08	76.31 -0.76 -7.62	96.20 -1.32 -9.28	104.78 -1.84 -4.44	90.16 -1.49 -4.02	86.23 -2.00 -1.14	85.59 -1.83 -0.16	74.19 -1.82 -0.10	69.73 -1.64 0.00	66.62 -1.53 -1.62	69.68 -1.49 0.00	82.09 -1.81 -5.21	90.59 -1.83 -5.16	92.33 -1.75 -6.72	83.62 -1.60 -5.33	109.00 -2.64 -1.72	111.65 -2.98 0.00	91.56 -2.73 0.00	73.15 -2.40 -0.59
PROJECT___ORANGE 2 24166	100.11 -2.15 0.00	92.57 -2.18 0.00	89.89 -2.12 0.00	91.79 -2.16 0.00	97.58 -2.30 0.00	95.03 -1.64 -0.08	76.31 -0.76 -7.62	96.20 -1.32 -9.28	104.78 -1.84 -4.44	90.16 -1.49 -4.02	86.23 -2.00 -1.14	85.59 -1.83 -0.16	74.19 -1.82 -0.10	69.73 -1.64 0.00	66.62 -1.53 -1.62	69.68 -1.49 0.00	82.09 -1.81 -5.21	90.59 -1.83 -5.16	92.33 -1.75 -6.72	83.62 -1.60 -5.33	109.00 -2.64 -1.72	111.65 -2.98 0.00	91.56 -2.73 0.00	73.15 -2.40 -0.59
PUCKETT___SOLAR 323809	103.59 1.33 0.00	95.89 1.14 0.00	93.11 1.11 0.00	95.36 1.41 0.00	101.47 1.59 0.00	100.78 2.03 -2.15	99.47 1.94 -28.08	124.55 2.11 -34.19	120.79 2.24 -16.37	103.94 1.49 -14.82	92.18 0.87 -4.22	88.56 0.69 -0.60	76.59 0.30 -0.37	71.73 0.36 0.00	72.91 0.40 -5.98	72.03 0.86 0.00	99.30 1.42 -19.19	108.35 2.09 -19.00	114.35 2.18 -24.81	101.31 1.76 -19.67	118.07 1.75 -6.40	116.87 1.26 -0.98	94.87 0.57 0.00	80.42 0.30 -5.16
PYRITES___HYD 24023	104.00 1.74 0.00	96.83 2.08 0.00	94.30 2.30 0.00	95.92 1.97 0.00	101.67 1.80 0.00	97.07 0.48 0.00	69.94 0.49 0.00	89.57 1.32 0.00	103.50 1.33 0.00	88.33 0.70 0.00	88.40 1.31 0.00	88.14 0.87 0.00	77.05 1.14 0.00	72.30 0.93 0.00	67.59 1.06 0.00	71.89 0.71 0.00	79.87 1.18 0.00	88.48 1.22 0.00	88.40 1.05 0.00	80.69 0.80 0.00	111.02 1.10 0.00	116.24 1.60 0.00	96.47 2.17 0.00	77.73 2.77 0.00
QUAKERRD_115KV_BK1 80622	95.41 -6.85 0.00	88.40 -6.35 0.00	86.11 -5.89 0.00	88.03 -5.92 0.00	93.48 -6.39 0.00	91.78 -4.93 -0.11	76.22 -3.26 -10.03	89.62 -5.29 -6.67	97.89 -7.36 -3.07	84.83 -5.70 -2.90	81.20 -6.71 -0.82	81.00 -6.37 -0.11	70.21 -5.77 -0.06	66.17 -5.21 0.00	62.78 -4.92 -1.18	66.04 -5.12 0.01	75.73 -6.69 -3.73	83.77 -7.16 -3.67	85.01 -6.99 -4.65	78.55 -6.39 -5.05	90.26 -9.56 10.10	85.40 -10.09 19.15	76.14 -8.49 9.67	68.40 -6.97 -0.42
QUENSBRY_115KV_TB8 356137	111.45 9.10 -0.09	102.80 8.05 0.00	99.92 7.91 0.00	102.12 8.17 0.00	108.96 8.99 -0.09	142.16 9.08 -36.49	182.24 5.21 -107.58	225.68 6.44 -131.00	172.66 7.77 -62.72	150.10 5.70 -56.78	108.73 5.49 -16.16	94.64 5.06 -2.31	81.44 4.10 -1.42	75.23 3.85 0.00	93.23 3.79 -22.92	75.59 4.41 0.00	157.73 5.51 -73.53	166.69 6.63 -72.79	189.00 6.73 -94.92	161.04 5.91 -75.23	142.07 7.91 -24.23	135.56 10.89 -10.03	102.78 8.49 0.00	147.02 6.37 -65.69
RAMAPO___LBMP 323565	107.59 5.32 -0.01	99.20 4.45 0.00	96.24 4.23 0.00	98.18 4.23 0.00	104.68 4.79 -0.01	106.03 5.41 -4.03	155.55 4.24 -81.86	193.31 5.38 -99.68	156.24 6.33 -47.73	136.53 5.70 -43.21	104.78 5.40 -12.30	94.52 5.50 -1.76	81.70 4.71 -1.08	75.73 4.35 0.00	88.02 4.06 -17.44	75.66 4.48 0.00	139.60 4.96 -55.95	148.50 5.85 -55.39	165.52 5.94 -72.23	142.49 5.35 -57.25	135.39 7.03 -18.44	123.48 6.65 -2.19	99.20 4.90 0.00	90.11 3.75 -11.40
RANKINE____ 23646	93.67 -8.59 0.00	86.79 -7.96 0.00	85.01 -6.99 0.00	86.90 -7.05 0.00	92.49 -7.39 0.00	89.89 -6.86 -0.16	78.15 -5.35 -14.04	85.55 -8.56 -5.87	94.41 -10.32 -2.56	81.78 -8.41 -2.56	78.57 -9.23 -0.71	78.45 -8.90 -0.09	68.14 -7.82 -0.05	64.24 -7.14 0.00	60.66 -6.92 -1.05	63.97 -7.19 0.02	73.08 -8.89 -3.28	81.13 -9.34 -3.21	69.45 -9.08 8.82	66.88 -8.15 4.87	64.02 -12.53 33.37	55.44 -12.95 46.24	64.34 -10.47 19.49	66.92 -8.40 -0.36
RAVENSWOOD_GT2_1 24244	108.41 6.14 -0.01	99.96 5.21 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.74 7.25 -75.14	145.92 6.47 -59.55	137.57 8.46 -19.18	124.83 7.91 -2.28	100.24 5.94 0.00	91.42 4.57 -11.89

RAVENSWOOD_GT2_2 24245	108.41 6.14 -0.01	99.96 5.21 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.77 -49.65	139.50 6.92 -44.95	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.74 7.25 -75.14	145.92 6.47 -59.55	137.57 8.46 -19.18	124.83 7.91 -2.28	100.24 5.94 0.00	91.42 4.57 -11.89
RAVENSWOOD_GT2_3 24246	108.41 6.14 -0.01	99.96 5.21 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.98 6.18 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.59 7.77 -49.65	139.59 7.01 -44.95	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.80 5.42 0.00	89.65 4.99 -18.14	76.73 5.55 0.00	143.04 6.14 -58.21	152.04 7.16 -57.62	169.74 7.25 -75.14	145.92 6.47 -59.55	137.68 8.57 -19.18	124.94 8.02 -2.28	100.33 6.04 0.00	91.42 4.57 -11.89
RAVENSWOOD_GT2_4 24247	108.41 6.14 -0.01	99.96 5.21 0.00	96.88 4.88 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.98 6.18 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.59 7.77 -49.65	139.59 7.01 -44.95	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.80 5.42 0.00	89.65 4.99 -18.14	76.73 5.55 0.00	143.04 6.14 -58.21	152.04 7.16 -57.62	169.74 7.25 -75.14	145.92 6.47 -59.55	137.68 8.57 -19.18	124.94 8.02 -2.28	100.33 6.04 0.00	91.42 4.57 -11.89
RAVENSWOOD_GT3_1 24248	108.41 6.14 -0.01	99.96 5.21 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.74 7.25 -75.14	145.92 6.47 -59.55	137.57 8.46 -19.18	124.94 8.02 -2.28	100.24 5.94 0.00	91.42 4.57 -11.89
RAVENSWOOD_GT3_2 24249	108.41 6.14 -0.01	99.96 5.21 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.74 7.25 -75.14	145.92 6.47 -59.55	137.57 8.46 -19.18	124.94 8.02 -2.28	100.24 5.94 0.00	91.42 4.57 -11.89
RAVENSWOOD_GT3_3 24250	108.51 6.24 -0.01	100.05 5.31 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.98 6.18 -4.21	159.47 4.86 -85.16	198.30 6.35 -103.70	159.69 7.87 -49.65	139.67 7.10 -44.95	106.67 6.79 -12.79	95.99 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.12 6.22 -58.21	152.13 7.24 -57.62	169.82 7.34 -75.14	146.00 6.55 -59.55	137.79 8.68 -19.18	125.06 8.14 -2.28	100.43 6.13 0.00	91.49 4.65 -11.89
RAVENSWOOD_GT3_4 24251	108.51 6.24 -0.01	100.05 5.31 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.98 6.18 -4.21	159.47 4.86 -85.16	198.30 6.35 -103.70	159.69 7.87 -49.65	139.67 7.10 -44.95	106.67 6.79 -12.79	95.99 6.89 -1.83	82.89 5.85 -1.13	76.87 5.50 0.00	89.72 5.06 -18.14	76.80 5.62 0.00	143.12 6.22 -58.21	152.13 7.24 -57.62	169.82 7.34 -75.14	146.00 6.55 -59.55	137.79 8.68 -19.18	125.06 8.14 -2.28	100.43 6.13 0.00	91.49 4.65 -11.89
RAVENSWOOD_GT_1 23729	108.61 6.34 -0.01	100.05 5.31 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.98 6.18 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.59 7.77 -49.65	139.67 7.10 -44.95	106.85 6.97 -12.79	96.07 6.98 -1.83	82.96 5.92 -1.13	76.94 5.57 0.00	89.79 5.12 -18.14	76.87 5.69 0.00	143.20 6.30 -58.21	152.21 7.33 -57.62	169.91 7.42 -75.14	146.08 6.63 -59.55	137.90 8.79 -19.18	125.06 8.14 -2.28	100.52 6.22 0.00	91.72 4.87 -11.89
RAVENSWOOD_GT_10 24258	108.41 6.14 -0.01	99.96 5.21 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.74 7.25 -75.14	145.92 6.47 -59.55	137.57 8.46 -19.18	124.94 8.02 -2.28	100.24 5.94 0.00	91.42 4.57 -11.89
RAVENSWOOD_GT_11 24259	108.41 6.14 -0.01	99.96 5.21 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.74 7.25 -75.14	145.92 6.47 -59.55	137.57 8.46 -19.18	124.94 8.02 -2.28	100.24 5.94 0.00	91.42 4.57 -11.89
RAVENSWOOD_GT_4 24252	108.30 6.03 -0.01	99.86 5.12 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.50 6.62 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.65 7.16 -75.14	145.84 6.39 -59.55	137.57 8.46 -19.18	124.83 7.91 -2.28	100.24 5.94 0.00	91.34 4.50 -11.89
RAVENSWOOD_GT_5 24254	108.30 6.03 -0.01	99.86 5.12 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.50 6.62 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.65 7.16 -75.14	145.84 6.39 -59.55	137.57 8.46 -19.18	124.83 7.91 -2.28	100.24 5.94 0.00	91.34 4.50 -11.89
RAVENSWOOD_GT_6 24253	108.30 6.03 -0.01	99.86 5.12 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.50 6.62 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.65 7.16 -75.14	145.84 6.39 -59.55	137.57 8.46 -19.18	124.83 7.91 -2.28	100.24 5.94 0.00	91.34 4.50 -11.89
RAVENSWOOD_GT_7 24255	108.30 6.03 -0.01	99.86 5.12 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.50 6.62 -12.79	95.81 6.72 -1.83	82.73 5.69 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.65 7.16 -75.14	145.84 6.39 -59.55	137.57 8.46 -19.18	124.83 7.91 -2.28	100.24 5.94 0.00	91.34 4.50 -11.89
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	108.41 6.14 -0.01	99.96 5.21 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.74 7.25 -75.14	145.92 6.47 -59.55	137.57 8.46 -19.18	124.94 8.02 -2.28	100.24 5.94 0.00	91.42 4.57 -11.89

RAVENSWOOD_GT_9 24257	108.41 6.14 -0.01	99.96 5.21 0.00	96.79 4.78 0.00	98.74 4.79 0.00	105.28 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.66 -49.65	139.50 6.92 -44.95	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.74 7.25 -75.14	145.92 6.47 -59.55	137.57 8.46 -19.18	124.94 8.02 -2.28	100.24 5.94 0.00	91.42 4.57 -11.89
RAVENSWOOD___1 23533	108.61 6.34 -0.01	100.05 5.30 0.00	96.97 4.96 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.99 6.19 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.58 7.76 -49.65	139.67 7.09 -44.95	106.85 6.97 -12.79	96.08 6.98 -1.83	82.97 5.93 -1.13	76.95 5.57 0.00	89.79 5.12 -18.14	76.87 5.70 0.00	143.20 6.30 -58.21	152.22 7.33 -57.62	169.91 7.42 -75.14	146.07 6.63 -59.55	137.90 8.80 -19.18	125.06 8.14 -2.28	100.52 6.22 0.00	91.79 4.95 -11.89
RAVENSWOOD___2 23534	108.61 6.34 -0.01	100.05 5.30 0.00	96.97 4.96 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.99 6.19 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.58 7.76 -49.65	139.67 7.09 -44.95	106.85 6.97 -12.79	96.08 6.98 -1.83	82.97 5.93 -1.13	76.95 5.57 0.00	89.79 5.12 -18.14	76.87 5.70 0.00	143.20 6.30 -58.21	152.22 7.33 -57.62	169.91 7.42 -75.14	146.07 6.63 -59.55	137.90 8.80 -19.18	125.06 8.14 -2.28	100.52 6.22 0.00	91.79 4.95 -11.89
RAVENSWOOD___3 23535	108.40 6.14 -0.01	99.95 5.21 0.00	96.78 4.78 0.00	98.64 4.70 0.00	105.27 5.39 -0.01	106.89 6.09 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.49 7.67 -49.65	139.59 7.01 -44.95	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.73 5.36 0.00	89.59 4.92 -18.14	76.66 5.48 0.00	142.96 6.06 -58.21	151.95 7.07 -57.62	169.73 7.25 -75.14	145.92 6.47 -59.55	137.68 8.58 -19.18	124.82 7.90 -2.28	100.24 5.94 0.00	91.42 4.57 -11.89
RAVENSWOOD___4 23820	108.61 6.34 -0.01	100.05 5.30 0.00	96.97 4.96 0.00	98.74 4.79 0.00	105.37 5.49 -0.01	106.99 6.19 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.58 7.76 -49.65	139.67 7.09 -44.95	106.85 6.97 -12.79	96.08 6.98 -1.83	82.97 5.93 -1.13	76.95 5.57 0.00	89.79 5.12 -18.14	76.87 5.70 0.00	143.20 6.30 -58.21	152.22 7.33 -57.62	169.91 7.42 -75.14	146.07 6.63 -59.55	137.90 8.80 -19.18	125.06 8.14 -2.28	100.52 6.22 0.00	91.79 4.95 -11.89
RCPL_TRUST___DRP 24196	108.51 6.24 -0.01	100.05 5.31 0.00	96.97 4.97 0.00	98.93 4.98 0.00	105.48 5.59 -0.01	107.08 6.28 -4.21	159.59 5.00 -85.14	198.45 6.53 -103.68	159.78 7.97 -49.64	139.75 7.19 -44.94	106.84 6.97 -12.79	96.07 6.98 -1.83	82.96 5.92 -1.13	76.94 5.57 0.00	89.78 5.12 -18.14	76.87 5.69 0.00	143.18 6.30 -58.19	152.20 7.33 -57.61	169.90 7.42 -75.12	146.07 6.63 -59.54	137.78 8.68 -19.18	125.17 8.25 -2.28	100.43 6.13 0.00	91.49 4.65 -11.89
RED___ROCHESTER 323720	97.05 -5.21 0.00	89.92 -4.83 0.00	87.77 -4.23 0.00	89.91 -4.04 0.00	95.18 -4.69 0.00	93.61 -3.09 -0.12	78.00 -1.81 -10.35	90.97 -3.70 -6.43	99.45 -5.72 -2.99	86.31 -4.12 -2.80	82.47 -5.40 -0.78	82.48 -4.88 -0.10	71.49 -4.48 -0.06	67.31 -4.07 0.00	63.93 -3.72 -1.14	67.32 -3.84 0.01	76.69 -5.59 -3.58	85.02 -5.76 -3.52	86.21 -5.59 -4.45	79.92 -5.03 -5.06	90.44 -8.02 11.46	84.77 -8.48 21.39	76.24 -7.26 10.80	69.58 -5.77 -0.40
REGAN___SOLAR 323812	110.63 8.28 -0.09	102.14 7.39 0.00	99.18 7.18 0.00	101.47 7.52 0.00	108.25 8.29 -0.09	141.23 8.40 -36.24	191.26 6.60 -115.20	236.65 8.11 -140.29	178.54 9.20 -67.17	154.48 6.04 -60.81	109.53 5.14 -17.30	94.45 4.71 -2.48	81.31 3.87 -1.52	75.09 3.71 0.00	94.92 3.86 -24.55	75.87 4.70 0.00	164.12 6.69 -78.74	173.42 8.20 -77.95	197.47 8.47 -101.65	168.06 7.59 -80.57	145.77 9.90 -25.95	134.58 10.09 -9.86	102.12 7.82 0.00	146.46 5.77 -65.73
RENSSELAER___COGEN 23796	105.98 3.68 -0.04	98.06 3.31 0.00	95.13 3.13 0.00	97.14 3.20 0.00	103.41 3.49 -0.04	117.50 3.38 -17.53	175.45 2.16 -103.84	217.16 2.47 -126.45	165.89 3.17 -60.54	145.16 2.72 -54.81	105.91 3.22 -15.60	92.81 3.32 -2.23	80.10 2.81 -1.37	74.02 2.64 0.00	91.11 2.46 -22.12	73.52 2.35 0.00	151.72 2.04 -70.98	159.62 2.09 -70.27	180.99 2.01 -91.63	154.35 1.84 -72.62	135.94 2.63 -23.39	123.00 2.75 -5.62	97.03 2.74 0.00	112.22 2.62 -34.65
REPUBLIC_115KV_BARTNBRK 55605	115.75 13.40 -0.09	106.59 11.84 0.00	103.69 11.68 0.00	106.07 12.12 0.00	113.25 13.28 -0.09	146.04 13.23 -36.22	185.60 8.68 -107.47	230.05 10.94 -130.87	177.81 12.98 -62.66	153.82 9.46 -56.72	112.29 9.06 -16.14	98.12 8.55 -2.31	84.17 6.83 -1.42	77.87 6.50 0.00	95.81 6.39 -22.90	78.65 7.47 0.00	161.67 9.52 -73.46	171.33 11.34 -72.72	193.62 11.44 -94.83	165.12 10.07 -75.16	147.43 13.30 -24.21	140.65 16.05 -9.96	106.75 12.45 0.00	149.63 9.44 -65.23
REVERE_CP RP_DRP 24186	106.35 4.09 0.00	98.53 3.79 0.00	95.59 3.59 0.00	97.61 3.66 0.00	104.27 4.39 0.00	101.27 4.64 -0.05	77.33 3.75 -4.12	98.03 4.77 -5.02	109.99 5.42 -2.40	93.83 4.03 -2.18	91.54 3.83 -0.62	90.93 3.58 -0.09	78.70 2.73 -0.05	73.95 2.57 0.00	69.86 2.46 -0.88	74.17 2.99 0.00	84.90 3.38 -2.82	94.24 4.19 -2.79	95.35 4.37 -3.64	86.45 3.68 -2.88	115.36 4.51 -0.93	118.76 4.13 0.00	97.32 3.02 0.00	77.52 2.25 -0.32
REYNOLDS_115KV_TB3 80639	107.02 4.70 -0.06	98.91 4.17 0.00	95.96 3.96 0.00	97.99 4.04 0.00	104.43 4.49 -0.06	123.79 4.64 -22.56	176.77 3.26 -104.05	218.83 3.88 -126.70	167.74 4.90 -60.67	146.93 4.38 -54.92	107.16 4.44 -15.63	93.95 4.45 -2.24	81.09 3.80 -1.38	75.02 3.64 0.00	92.02 3.33 -22.17	74.74 3.56 0.00	153.36 3.54 -71.12	161.60 3.93 -70.41	183.00 3.84 -91.81	156.26 3.60 -72.77	138.19 4.84 -23.44	126.46 5.04 -6.78	98.45 4.15 0.00	121.16 3.37 -42.83
RIVERBAY____ 323610	109.73 7.47 -0.01	101.00 6.25 0.00	97.71 5.70 0.00	99.58 5.64 0.00	106.18 6.29 -0.01	107.56 6.76 -4.21	159.61 5.00 -85.16	198.38 6.44 -103.70	159.79 7.97 -49.65	139.76 7.19 -44.95	106.93 7.05 -12.79	96.25 7.16 -1.83	83.04 6.00 -1.13	76.94 5.57 0.00	89.85 5.19 -18.14	76.94 5.77 0.00	143.27 6.37 -58.21	152.30 7.42 -57.62	170.09 7.60 -75.14	146.16 6.71 -59.55	138.12 9.01 -19.18	125.17 8.25 -2.28	101.09 6.79 0.00	92.47 5.62 -11.89
RIVERSIDE_115KV_TB3 55908	106.50 4.19 -0.05	98.44 3.70 0.00	95.59 3.59 0.00	97.61 3.66 0.00	103.92 4.00 -0.05	121.14 3.96 -20.59	176.36 2.64 -104.27	218.39 3.18 -126.97	166.95 3.98 -60.79	146.17 3.51 -55.04	106.58 3.83 -15.66	93.34 3.84 -2.24	80.63 3.34 -1.38	74.52 3.14 0.00	91.60 2.86 -22.22	74.10 2.92 0.00	152.64 2.68 -71.27	160.70 2.88 -70.55	182.15 2.80 -92.00	155.37 2.56 -72.92	137.03 3.63 -23.49	124.75 3.78 -6.33	97.69 3.39 0.00	117.53 2.92 -39.65
ROARING___BROOK_WT_PWR 323790	100.93 -1.33 0.00	93.80 -0.95 0.00	91.26 -0.74 0.00	93.19 -0.75 0.00	99.07 -0.80 0.00	95.53 -1.06 0.00	68.55 -0.90 0.00	87.28 -0.97 0.00	101.05 -1.12 0.00	86.66 -0.96 0.00	86.39 -0.70 0.00	86.48 -0.79 0.00	75.15 -0.76 0.00	70.59 -0.78 0.00	65.92 -0.60 0.00	70.54 -0.64 0.00	78.15 -0.55 0.00	86.39 -0.87 0.00	86.21 -1.14 0.00	78.61 -1.28 0.00	108.05 -1.87 0.00	112.58 -2.06 0.00	92.69 -1.60 0.00	73.75 -1.20 0.00

ROCHESRG_115KV_T4 355643	96.13 -6.14 0.00	89.06 -5.68 0.00	86.85 -5.15 0.00	88.78 -5.17 0.00	94.28 -5.59 0.00	92.65 -4.06 -0.11	77.09 -2.64 -10.28	89.73 -4.94 -6.43	98.10 -7.05 -2.98	85.25 -5.17 -2.80	81.43 -6.44 -0.78	81.43 -5.93 -0.10	70.51 -5.47 -0.06	66.52 -4.85 0.00	63.07 -4.59 -1.14	66.33 -4.84 0.01	75.75 -6.53 -3.58	83.72 -7.07 -3.52	83.27 -6.81 -2.74	77.34 -6.15 -3.60	87.68 -9.34 12.90	82.67 -9.86 22.11	75.45 -8.20 10.64	68.61 -6.75 -0.40
ROCHESTER_9_IC 23652	96.64 -5.62 0.00	89.53 -5.21 0.00	87.31 -4.69 0.00	89.25 -4.70 0.00	94.78 -5.09 0.00	93.23 -3.48 -0.12	77.59 -2.22 -10.35	90.35 -4.32 -6.43	98.83 -6.33 -2.99	85.78 -4.64 -2.80	81.95 -5.92 -0.78	81.96 -5.41 -0.10	70.96 -5.01 -0.06	66.95 -4.43 0.00	63.47 -4.19 -1.14	66.83 -4.34 0.01	76.30 -5.98 -3.58	84.33 -6.46 -3.52	85.60 -6.20 -4.45	79.36 -5.59 -5.06	89.78 -8.68 11.46	84.08 -9.17 21.38	75.76 -7.73 10.80	69.06 -6.30 -0.40
ROCKVIEW_13_KV_LD 356306	108.61 6.34 -0.01	100.14 5.40 0.00	97.06 5.06 0.00	99.02 5.07 0.00	105.58 5.69 -0.01	107.18 6.38 -4.21	159.61 5.00 -85.15	198.38 6.44 -103.69	159.58 7.77 -49.65	139.58 7.01 -44.95	106.59 6.71 -12.79	95.90 6.81 -1.83	82.81 5.77 -1.13	76.73 5.35 0.00	89.59 4.92 -18.14	76.73 5.55 0.00	143.03 6.14 -58.20	152.04 7.16 -57.62	169.82 7.34 -75.13	145.99 6.55 -59.55	137.78 8.68 -19.18	125.17 8.25 -2.28	100.52 6.22 0.00	91.49 4.65 -11.89
ROME____115KV_TB2 80656	106.35 4.09 0.00	98.53 3.79 0.00	95.59 3.59 0.00	97.61 3.66 0.00	104.27 4.39 0.00	101.27 4.64 -0.05	77.33 3.75 -4.12	98.03 4.77 -5.02	109.99 5.42 -2.40	93.83 4.03 -2.18	91.54 3.83 -0.62	90.93 3.58 -0.09	78.70 2.73 -0.05	73.95 2.57 0.00	69.86 2.46 -0.88	74.17 2.99 0.00	84.90 3.38 -2.82	94.24 4.19 -2.79	95.35 4.37 -3.64	86.45 3.68 -2.88	115.36 4.51 -0.93	118.76 4.13 0.00	97.32 3.02 0.00	77.52 2.25 -0.32
ROSETON___1 23587	107.48 5.21 -0.01	99.20 4.45 0.00	96.24 4.23 0.00	98.18 4.23 0.00	104.68 4.79 -0.01	106.01 5.31 -4.11	158.66 4.10 -85.11	197.18 5.29 -103.64	158.13 6.34 -49.62	138.24 5.69 -44.92	105.27 5.40 -12.78	94.59 5.50 -1.83	81.67 4.63 -1.13	75.73 4.35 0.00	88.65 3.99 -18.13	75.59 4.41 0.00	141.83 4.96 -58.18	150.61 5.76 -57.59	168.30 5.85 -75.10	144.69 5.27 -59.52	136.02 6.93 -19.17	123.54 6.65 -2.26	99.29 4.99 0.00	90.50 3.82 -11.72
ROSETON___2 23588	107.48 5.21 -0.01	99.20 4.45 0.00	96.24 4.23 0.00	98.18 4.23 0.00	104.68 4.79 -0.01	106.01 5.31 -4.11	158.66 4.10 -85.11	197.18 5.29 -103.64	158.13 6.34 -49.62	138.24 5.69 -44.92	105.27 5.40 -12.78	94.59 5.50 -1.83	81.67 4.63 -1.13	75.73 4.35 0.00	88.65 3.99 -18.13	75.59 4.41 0.00	141.83 4.96 -58.18	150.61 5.76 -57.59	168.30 5.85 -75.10	144.69 5.27 -59.52	136.02 6.93 -19.17	123.54 6.65 -2.26	99.29 4.99 0.00	90.50 3.82 -11.72
ROTRDAM_115KV_TB3 80664	106.35 3.99 -0.10	98.25 3.51 0.00	95.41 3.40 0.00	97.42 3.48 0.00	103.87 3.90 -0.10	140.20 4.06 -39.55	181.13 2.92 -108.76	224.31 3.62 -132.44	169.88 4.29 -63.41	148.45 3.42 -57.41	106.56 3.14 -16.34	92.74 3.14 -2.34	80.01 2.66 -1.44	73.87 2.50 0.00	92.09 2.39 -23.17	73.88 2.70 0.00	156.26 3.23 -74.34	164.61 3.75 -73.60	187.07 3.76 -95.97	159.39 3.44 -76.06	138.93 4.51 -24.50	130.19 4.81 -10.74	97.98 3.68 0.00	148.46 2.77 -70.73
RUSSELL___1 23602	97.05 -5.22 0.00	89.82 -4.93 0.00	87.77 -4.23 0.00	89.63 -4.32 0.00	95.18 -4.69 0.00	93.62 -3.09 -0.12	78.00 -1.81 -10.35	90.88 -3.79 -6.43	99.34 -5.82 -2.99	86.30 -4.12 -2.80	82.47 -5.40 -0.78	82.48 -4.89 -0.10	71.42 -4.55 -0.06	67.38 -4.00 0.00	63.87 -3.79 -1.14	67.25 -3.91 0.01	76.77 -5.51 -3.58	84.94 -5.85 -3.52	86.21 -5.59 -4.45	79.84 -5.11 -5.06	90.33 -8.13 11.46	84.77 -8.48 21.39	76.33 -7.17 10.80	69.36 -6.00 -0.40
RUSSELL___2 23532	97.05 -5.22 0.00	89.82 -4.93 0.00	87.77 -4.23 0.00	89.63 -4.32 0.00	95.18 -4.69 0.00	93.62 -3.09 -0.12	78.00 -1.81 -10.35	90.88 -3.79 -6.43	99.34 -5.82 -2.99	86.30 -4.12 -2.80	82.47 -5.40 -0.78	82.48 -4.89 -0.10	71.42 -4.55 -0.06	67.38 -4.00 0.00	63.87 -3.79 -1.14	67.25 -3.91 0.01	76.77 -5.51 -3.58	84.94 -5.85 -3.52	86.21 -5.59 -4.45	79.84 -5.11 -5.06	90.33 -8.13 11.46	84.77 -8.48 21.39	76.33 -7.17 10.80	69.36 -6.00 -0.40
RUSSELL___3 23549	97.05 -5.22 0.00	89.82 -4.93 0.00	87.77 -4.23 0.00	89.63 -4.32 0.00	95.18 -4.69 0.00	93.62 -3.09 -0.12	78.00 -1.81 -10.35	90.88 -3.79 -6.43	99.34 -5.82 -2.99	86.30 -4.12 -2.80	82.47 -5.40 -0.78	82.48 -4.89 -0.10	71.42 -4.55 -0.06	67.38 -4.00 0.00	63.87 -3.79 -1.14	67.25 -3.91 0.01	76.77 -5.51 -3.58	84.94 -5.85 -3.52	86.21 -5.59 -4.45	79.84 -5.11 -5.06	90.33 -8.13 11.46	84.77 -8.48 21.39	76.33 -7.17 10.80	69.36 -6.00 -0.40
RUSSELL___4 23556	97.05 -5.22 0.00	89.82 -4.93 0.00	87.77 -4.23 0.00	89.63 -4.32 0.00	95.18 -4.69 0.00	93.62 -3.09 -0.12	78.00 -1.81 -10.35	90.88 -3.79 -6.43	99.34 -5.82 -2.99	86.30 -4.12 -2.80	82.47 -5.40 -0.78	82.48 -4.89 -0.10	71.42 -4.55 -0.06	67.38 -4.00 0.00	63.87 -3.79 -1.14	67.25 -3.91 0.01	76.77 -5.51 -3.58	84.94 -5.85 -3.52	86.21 -5.59 -4.45	79.84 -5.11 -5.06	90.33 -8.13 11.46	84.77 -8.48 21.39	76.33 -7.17 10.80	69.36 -6.00 -0.40
RUSSELL___STATION 23914	97.05 -5.22 0.00	89.82 -4.93 0.00	87.77 -4.23 0.00	89.63 -4.32 0.00	95.18 -4.69 0.00	93.62 -3.09 -0.12	78.00 -1.81 -10.35	90.88 -3.79 -6.43	99.34 -5.82 -2.99	86.30 -4.12 -2.80	82.47 -5.40 -0.78	82.48 -4.89 -0.10	71.42 -4.55 -0.06	67.38 -4.00 0.00	63.87 -3.79 -1.14	67.25 -3.91 0.01	76.77 -5.51 -3.58	84.94 -5.85 -3.52	86.21 -5.59 -4.45	79.84 -5.11 -5.06	90.33 -8.13 11.46	84.77 -8.48 21.39	76.33 -7.17 10.80	69.36 -6.00 -0.40
S SALMON___HYD 24043	100.83 -1.43 0.00	93.33 -1.42 0.00	90.35 -1.65 0.00	92.35 -1.60 0.00	98.18 -1.70 0.00	95.50 -1.15 -0.07	75.19 -0.28 -6.01	95.04 -0.53 -7.32	104.66 -1.02 -3.50	89.75 -1.05 -3.17	86.51 -1.48 -0.90	85.82 -1.57 -0.13	74.48 -1.52 -0.08	70.02 -1.36 0.00	66.61 -1.20 -1.28	70.04 -1.14 0.00	81.46 -1.34 -4.11	90.29 -1.04 -4.07	91.78 -0.87 -5.30	83.06 -1.04 -4.20	109.41 -1.87 -1.35	112.22 -2.41 0.00	92.13 -2.17 0.00	73.62 -1.80 -0.47
S.PERRY___115KV_TB1 80734	96.13 -6.14 0.00	88.78 -5.97 0.00	86.67 -5.34 0.00	88.78 -5.17 0.00	94.38 -5.49 0.00	92.79 -3.96 -0.16	82.17 -1.94 -14.66	86.81 -3.53 -2.10	96.90 -5.93 -0.66	83.75 -4.82 -0.94	80.88 -6.44 -0.24	80.99 -6.28 -0.01	70.22 -5.69 0.00	66.24 -5.14 0.00	62.20 -4.72 -0.40	66.60 -4.56 0.03	74.40 -5.43 -1.14	82.75 -5.50 -0.98	126.72 -5.59 -44.96	116.15 -5.27 -41.53	111.57 -8.35 -10.01	78.32 -9.17 27.14	58.92 -7.92 27.46	68.25 -6.82 -0.11
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	92.65 -9.61 0.00	85.84 -8.91 0.00	84.09 -7.91 0.00	85.96 -7.99 0.00	91.39 -8.49 0.00	89.30 -7.44 -0.15	77.21 -5.70 -13.45	84.93 -9.27 -5.95	92.98 -11.75 -2.56	81.03 -9.20 -2.60	77.36 -10.45 -0.72	77.49 -9.86 -0.09	67.16 -8.81 -0.05	63.38 -7.99 0.00	59.94 -7.65 -1.07	63.12 -8.04 0.02	71.80 -10.23 -3.34	79.45 -11.08 -3.27	68.89 -10.66 7.80	66.05 -9.59 4.26	64.97 -14.40 30.56	56.53 -14.79 43.31	64.26 -11.88 18.16	65.73 -9.59 -0.36

SAWYER___23_KV_LOAD 55526	92.65 -9.61 0.00	85.84 -8.91 0.00	84.09 -7.91 0.00	85.96 -7.99 0.00	91.39 -8.49 0.00	89.30 -7.44 -0.15	77.21 -5.70 -13.45	84.93 -9.27 -5.95	92.98 -11.75 -2.56	81.03 -9.20 -2.60	77.36 -10.45 -0.72	77.49 -9.86 -0.09	67.16 -8.81 -0.05	63.38 -7.99 0.00	59.94 -7.65 -1.07	63.12 -8.04 0.02	71.80 -10.23 -3.34	79.45 -11.08 -3.27	68.89 -10.66 7.80	66.05 -9.59 4.26	64.97 -14.40 30.56	56.53 -14.79 43.31	64.26 -11.88 18.16	65.73 -9.59 -0.36
SELKIRK___I 23801	106.28 3.98 -0.03	98.44 3.69 0.00	95.59 3.58 0.00	97.52 3.57 0.00	103.70 3.79 -0.03	113.30 3.76 -12.94	174.37 2.57 -102.35	215.88 3.00 -124.63	165.42 3.57 -59.67	144.54 2.89 -54.02	105.51 3.05 -15.37	92.60 3.14 -2.20	79.92 2.66 -1.35	73.94 2.57 0.00	90.72 2.39 -21.81	73.74 2.56 0.00	151.24 2.59 -69.96	159.39 2.88 -69.25	180.45 2.79 -90.31	154.03 2.56 -71.58	136.60 3.62 -23.05	122.85 3.67 -4.55	97.69 3.39 0.00	104.83 2.77 -27.10
SELKIRK___II 23799	105.87 3.58 -0.03	97.97 3.22 0.00	95.03 3.03 0.00	97.04 3.10 0.00	103.20 3.29 -0.03	113.82 3.38 -13.85	175.08 2.29 -103.33	216.82 2.74 -125.83	165.79 3.37 -60.25	145.15 2.98 -54.54	105.74 3.13 -15.52	92.71 3.23 -2.22	80.01 2.73 -1.37	74.02 2.64 0.00	90.93 2.39 -22.02	73.67 2.49 0.00	151.68 2.36 -70.63	159.72 2.53 -69.92	181.06 2.53 -91.18	154.48 2.32 -72.27	136.39 3.19 -23.28	122.61 3.21 -4.77	97.22 2.93 0.00	106.07 2.47 -28.64
SENECA OSWGO___HYD 24041	99.51 -2.76 0.00	91.99 -2.75 0.00	89.33 -2.67 0.00	91.32 -2.63 0.00	96.98 -2.90 0.00	94.35 -2.32 -0.08	75.02 -1.18 -6.75	94.52 -1.94 -8.22	103.56 -2.55 -3.93	89.09 -2.10 -3.56	85.49 -2.61 -1.01	84.87 -2.53 -0.15	73.65 -2.35 -0.09	69.24 -2.14 0.00	66.03 -1.93 -1.44	69.18 -1.99 0.00	80.95 -2.36 -4.61	89.48 -2.35 -4.57	91.03 -2.27 -5.95	82.53 -2.08 -4.72	108.15 -3.29 -1.52	110.96 -3.67 0.00	90.99 -3.30 0.00	72.71 -2.77 -0.52
SENECA___115KV_TB3 355854	93.88 -8.39 0.00	86.88 -7.86 0.00	85.19 -6.81 0.00	87.09 -6.86 0.00	92.69 -7.19 0.00	90.08 -6.66 -0.16	78.29 -5.21 -14.04	85.73 -8.38 -5.87	94.62 -10.12 -2.56	81.95 -8.24 -2.56	78.74 -9.06 -0.71	78.62 -8.73 -0.09	68.29 -7.67 -0.05	64.38 -6.99 0.00	60.79 -6.79 -1.05	64.11 -7.05 0.02	73.24 -8.74 -3.28	81.22 -9.25 -3.21	69.62 -8.91 8.82	66.96 -8.07 4.87	64.13 -12.42 33.37	55.56 -12.84 46.24	64.43 -10.37 19.49	66.99 -8.32 -0.36
SENECA___ENERGY 23797	99.29 -2.97 0.00	91.99 -2.75 0.00	89.43 -2.58 0.00	91.60 -2.35 0.00	97.08 -2.80 0.00	94.87 -1.84 -0.12	79.63 -0.76 -10.94	97.79 -1.59 -11.13	105.00 -2.45 -5.28	90.44 -2.01 -4.83	85.67 -2.79 -1.37	84.75 -2.71 -0.19	73.45 -2.58 -0.12	69.09 -2.29 0.00	66.34 -2.13 -1.95	69.11 -2.07 0.00	82.50 -2.44 -6.24	91.21 -2.27 -6.21	96.13 -2.27 -11.05	87.20 -2.08 -9.38	106.82 -3.52 -0.42	105.18 -4.02 5.44	86.80 -3.68 3.82	72.44 -3.22 -0.70
SHOEMAKER___GT 23640	106.87 4.61 -0.01	98.63 3.89 0.00	95.69 3.68 0.00	97.61 3.66 0.00	104.08 4.19 -0.01	105.14 4.73 -3.82	150.94 3.68 -77.81	187.67 4.67 -94.75	153.05 5.51 -45.37	133.60 4.90 -41.07	103.30 4.53 -11.69	93.56 4.62 -1.67	80.81 3.87 -1.03	75.01 3.64 0.00	86.49 3.39 -16.58	75.02 3.84 0.00	136.13 4.25 -53.19	144.97 5.06 -52.65	161.16 5.15 -68.66	138.94 4.63 -54.42	133.60 6.15 -17.53	122.45 5.73 -2.08	98.64 4.34 0.00	89.07 3.29 -10.82
SHOEMAKR_138KV_BK 111 55601	106.77 4.50 -0.01	98.63 3.88 0.00	95.59 3.59 0.00	97.61 3.66 0.00	104.08 4.19 -0.01	105.12 4.73 -3.79	150.35 3.61 -77.29	186.95 4.59 -94.12	152.75 5.52 -45.06	133.33 4.91 -40.80	103.23 4.53 -11.61	93.55 4.62 -1.66	80.88 3.95 -1.02	75.02 3.64 0.00	86.38 3.39 -16.47	75.02 3.84 0.00	135.77 4.25 -52.83	144.53 4.97 -52.30	160.70 5.15 -68.20	138.50 4.55 -54.05	133.38 6.05 -17.41	122.43 5.73 -2.07	98.54 4.24 0.00	88.93 3.22 -10.75
SHOREHAM_IC_1 23715	112.89 10.23 -0.40	103.65 8.90 0.00	101.71 8.74 -0.96	102.31 8.36 0.00	109.47 9.59 -0.01	129.62 10.44 -22.59	162.63 8.05 -85.12	202.49 10.58 -103.66	163.65 11.85 -49.63	143.07 10.51 -44.93	109.10 9.23 -12.79	98.17 9.07 -1.83	85.60 7.75 -1.94	81.36 7.35 -2.63	96.62 6.98 -23.12	118.69 8.11 -39.40	144.99 8.11 -58.18	181.13 10.12 -83.75	189.55 9.61 -92.59	156.19 9.10 -67.19	150.00 11.32 -28.76	133.40 10.66 -8.11	110.06 8.96 -6.80	100.69 7.12 -18.61
SHOREHAM_IC_2 23716	112.89 10.23 -0.40	103.65 8.90 0.00	101.71 8.74 -0.96	102.31 8.36 0.00	109.47 9.59 -0.01	129.62 10.44 -22.59	162.63 8.05 -85.12	202.49 10.58 -103.66	163.65 11.85 -49.63	143.07 10.51 -44.93	109.10 9.23 -12.79	98.17 9.07 -1.83	85.60 7.75 -1.94	81.36 7.35 -2.63	96.62 6.98 -23.12	118.69 8.11 -39.40	144.99 8.11 -58.18	181.13 10.12 -83.75	189.55 9.61 -92.59	156.19 9.10 -67.19	150.00 11.32 -28.76	133.40 10.66 -8.11	110.06 8.96 -6.80	100.69 7.12 -18.61
SISSONVILLE____ 23735	102.16 -0.10 0.00	95.03 0.28 0.00	92.56 0.55 0.00	94.14 0.19 0.00	99.68 -0.20 0.00	95.14 -1.45 0.00	68.48 -0.97 0.00	87.63 -0.62 0.00	101.25 -0.92 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.83 -0.44 0.00	75.84 -0.08 0.00	71.16 -0.21 0.00	66.46 -0.07 0.00	70.47 -0.71 0.00	78.22 -0.47 0.00	86.48 -0.79 0.00	86.39 -0.96 0.00	78.93 -0.96 0.00	108.60 -1.32 0.00	113.83 -0.80 0.00	94.68 0.38 0.00	76.30 1.35 0.00
SITHE_IND_GS1 24169	97.97 -4.29 0.00	90.77 -3.98 0.00	88.14 -3.86 0.00	90.09 -3.86 0.00	95.69 -4.19 0.00	92.98 -3.67 -0.06	72.38 -2.36 -5.29	91.33 -3.35 -6.44	101.06 -4.19 -3.08	86.91 -3.51 -2.79	84.05 -3.83 -0.79	83.63 -3.75 -0.11	72.64 -3.34 -0.07	68.31 -3.07 0.00	64.79 -2.86 -1.13	68.19 -2.99 0.00	78.85 -3.46 -3.61	87.09 -3.75 -3.58	88.35 -3.67 -4.66	80.24 -3.35 -3.70	106.17 -4.94 -1.19	109.36 -5.27 0.00	89.77 -4.52 0.00	71.69 -3.67 -0.41
SITHE_IND_GS2 24170	97.97 -4.29 0.00	90.77 -3.98 0.00	88.14 -3.86 0.00	90.09 -3.86 0.00	95.69 -4.19 0.00	92.98 -3.67 -0.06	72.38 -2.36 -5.29	91.33 -3.35 -6.44	101.06 -4.19 -3.08	86.91 -3.51 -2.79	84.05 -3.83 -0.79	83.63 -3.75 -0.11	72.64 -3.34 -0.07	68.31 -3.07 0.00	64.79 -2.86 -1.13	68.19 -2.99 0.00	78.85 -3.46 -3.61	87.09 -3.75 -3.58	88.35 -3.67 -4.66	80.24 -3.35 -3.70	106.17 -4.94 -1.19	109.36 -5.27 0.00	89.77 -4.52 0.00	71.69 -3.67 -0.41
SITHE_IND_GS3 24171	97.97 -4.29 0.00	90.77 -3.98 0.00	88.14 -3.86 0.00	90.09 -3.86 0.00	95.69 -4.19 0.00	92.98 -3.67 -0.06	72.38 -2.36 -5.29	91.33 -3.35 -6.44	101.06 -4.19 -3.08	86.91 -3.51 -2.79	84.05 -3.83 -0.79	83.63 -3.75 -0.11	72.64 -3.34 -0.07	68.31 -3.07 0.00	64.79 -2.86 -1.13	68.19 -2.99 0.00	78.85 -3.46 -3.61	87.09 -3.75 -3.58	88.35 -3.67 -4.66	80.24 -3.35 -3.70	106.17 -4.94 -1.19	109.36 -5.27 0.00	89.77 -4.52 0.00	71.69 -3.67 -0.41
SITHE_IND_GS4 24172	97.97 -4.29 0.00	90.77 -3.98 0.00	88.14 -3.86 0.00	90.09 -3.86 0.00	95.69 -4.19 0.00	92.98 -3.67 -0.06	72.38 -2.36 -5.29	91.33 -3.35 -6.44	101.06 -4.19 -3.08	86.91 -3.51 -2.79	84.05 -3.83 -0.79	83.63 -3.75 -0.11	72.64 -3.34 -0.07	68.31 -3.07 0.00	64.79 -2.86 -1.13	68.19 -2.99 0.00	78.85 -3.46 -3.61	87.09 -3.75 -3.58	88.35 -3.67 -4.66	80.24 -3.35 -3.70	106.17 -4.94 -1.19	109.36 -5.27 0.00	89.77 -4.52 0.00	71.69 -3.67 -0.41

SITHE___BATAVIA 24024	95.41 -6.85 0.00	88.49 -6.26 0.00	86.57 -5.43 0.00	88.97 -4.98 0.00	94.08 -5.80 0.00	92.38 -4.34 -0.13	78.21 -3.19 -11.94	88.92 -5.65 -6.33	97.27 -8.18 -3.27	84.32 -6.05 -2.74	80.10 -7.75 -0.76	80.03 -7.33 -0.10	69.44 -6.53 -0.05	65.45 -5.92 0.00	62.04 -5.59 -1.11	65.40 -5.76 0.01	74.69 -7.48 -3.48	82.91 -7.77 -3.42	77.53 -7.42 2.39	73.09 -6.63 0.18	77.57 -10.44 21.91	71.61 -10.89 32.13	70.90 -9.05 14.34	68.00 -7.34 -0.38
SITHE___INDEPEND 23800	97.97 -4.29 0.00	90.77 -3.98 0.00	88.14 -3.86 0.00	90.00 -3.95 0.00	95.68 -4.19 0.00	92.98 -3.67 -0.06	72.38 -2.36 -5.29	91.33 -3.35 -6.44	101.07 -4.19 -3.08	86.91 -3.51 -2.79	84.05 -3.83 -0.79	83.62 -3.75 -0.11	72.64 -3.34 -0.07	68.31 -3.07 0.00	64.79 -2.86 -1.13	68.19 -2.99 0.00	78.84 -3.46 -3.61	87.09 -3.75 -3.58	88.34 -3.67 -4.66	80.23 -3.36 -3.70	106.16 -4.95 -1.19	109.36 -5.27 0.00	89.77 -4.53 0.00	71.69 -3.67 -0.41
SITHE___MASSENA 23902	102.16 -0.10 0.00	94.93 0.19 0.00	92.47 0.46 0.00	94.04 0.09 0.00	99.78 -0.10 0.00	95.63 -0.97 0.00	68.69 -0.76 0.00	87.81 -0.44 0.00	101.46 -0.71 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.91 -0.35 0.00	75.91 0.00 0.00	71.23 -0.14 0.00	66.46 -0.07 0.00	70.89 -0.28 0.00	78.69 0.00 0.00	87.00 -0.26 0.00	86.83 -0.52 0.00	79.34 -0.56 0.00	109.48 -0.44 0.00	114.52 -0.11 0.00	94.87 0.57 0.00	76.00 1.05 0.00
SITHE___OGDNSBRG 24021	103.90 1.64 0.00	96.73 1.99 0.00	94.21 2.21 0.00	95.83 1.88 0.00	101.57 1.70 0.00	97.07 0.48 0.00	69.80 0.35 0.00	89.39 1.15 0.00	103.30 1.12 0.00	88.15 0.53 0.00	88.22 1.13 0.00	87.96 0.70 0.00	76.75 0.84 0.00	72.09 0.71 0.00	67.32 0.80 0.00	71.75 0.57 0.00	79.87 1.18 0.00	88.48 1.22 0.00	88.40 1.05 0.00	80.69 0.80 0.00	111.13 1.21 0.00	116.24 1.60 0.00	96.37 2.07 0.00	77.50 2.55 0.00
SITHE___STERLING 23777	105.23 2.97 0.00	97.49 2.75 0.00	94.58 2.57 0.00	96.67 2.73 0.00	103.07 3.20 0.00	100.22 3.58 -0.05	77.29 2.98 -4.85	97.77 3.62 -5.91	109.09 4.09 -2.83	93.25 3.07 -2.56	90.60 2.79 -0.73	89.98 2.62 -0.10	77.88 1.90 -0.06	73.23 1.85 -1.03	69.35 1.80 -1.03	73.39 2.21 0.00	84.45 2.44 -3.32	93.60 3.05 -3.28	94.77 3.14 -4.28	85.92 2.63 -3.39	114.20 3.19 -1.09	117.50 2.87 0.00	96.28 1.98 0.00	76.83 1.50 -0.38
SLEIGHT__34_KV_TB1 80719	98.07 -4.19 0.00	90.86 -3.88 0.00	88.42 -3.59 0.00	90.38 -3.57 0.00	95.98 -3.90 0.00	94.10 -2.61 -0.11	78.23 -1.32 -10.10	94.50 -2.74 -8.99	102.22 -4.19 -4.23	88.38 -3.15 -3.90	84.01 -4.18 -1.11	83.58 -3.84 -0.15	72.36 -3.64 -0.09	68.16 -3.21 0.00	65.11 -2.99 -1.58	68.11 -3.06 0.01	79.56 -4.17 -5.04	87.99 -4.28 -5.01	89.69 -4.11 -6.45	82.03 -3.75 -5.89	98.89 -5.94 5.09	96.69 -6.53 11.41	82.88 -5.66 5.76	70.73 -4.80 -0.57
SOUTH CAIRO___GT 23612	108.84 6.54 -0.03	101.66 6.92 0.00	98.72 6.72 0.00	100.99 7.05 0.00	106.50 6.59 -0.03	115.94 6.86 -12.49	173.33 4.65 -99.22	214.80 5.74 -120.82	166.46 6.44 -57.85	144.64 4.64 -52.37	106.43 4.44 -14.90	94.72 5.32 -2.13	80.95 3.72 -1.31	75.30 3.93 0.00	91.05 3.39 -21.14	75.66 4.48 0.00	151.08 4.56 -67.82	159.72 5.32 -67.14	180.40 5.50 -87.55	154.08 4.79 -69.39	138.87 6.60 -22.35	125.56 6.53 -4.40	100.90 6.60 0.00	105.93 4.80 -26.18
SOUTH HAMPTN___IC 23720	112.69 10.03 -0.40	103.56 8.81 0.00	101.71 8.74 -0.96	102.22 8.27 0.00	109.38 9.49 -0.01	129.52 10.34 -22.59	162.63 8.05 -85.12	202.49 10.58 -103.66	163.65 11.85 -49.63	143.07 10.51 -44.93	108.93 9.06 -12.79	98.00 8.91 -1.83	85.44 7.59 -1.94	81.14 7.14 -2.63	96.43 6.79 -23.12	118.55 7.97 -39.40	145.06 8.18 -58.18	181.30 10.29 -83.75	190.06 10.13 -92.59	156.59 9.50 -67.19	150.56 11.88 -28.76	133.86 11.12 -8.11	110.15 9.05 -6.80	100.84 7.27 -18.61
SOUTHDOW_115KV_TB1 355954	97.46 -4.81 0.00	90.20 -4.55 0.00	88.42 -3.59 0.00	90.38 -3.57 0.00	96.38 -3.50 0.00	93.19 -3.57 -0.17	81.60 -2.99 -15.14	88.70 -4.94 -5.39	99.15 -5.31 -2.29	85.26 -4.73 -2.36	82.69 -5.05 -0.65	82.36 -4.97 -0.07	71.55 -4.40 -0.04	67.31 -4.07 0.00	63.30 -4.19 -0.97	66.81 -4.34 0.02	76.50 -5.19 -3.00	85.04 -5.15 -2.92	78.64 -5.07 3.64	75.13 -4.71 0.05	69.84 -8.13 31.95	56.84 -8.71 49.08	64.35 -7.26 22.68	69.51 -5.77 -0.32
SOUTHOLD_69_KV_BK 2 55809	112.58 9.92 -0.40	103.56 8.81 0.00	101.62 8.65 -0.96	102.40 8.46 0.00	109.27 9.39 -0.01	129.52 10.34 -22.59	162.71 8.13 -85.12	202.67 10.77 -103.66	163.76 11.95 -49.63	142.64 10.08 -44.93	108.50 8.62 -12.79	97.56 8.46 -1.83	84.99 7.14 -1.94	80.64 6.64 -2.63	95.96 6.32 -23.12	118.26 7.69 -39.40	144.91 8.03 -58.18	181.39 10.38 -83.75	190.59 10.66 -92.59	157.07 9.99 -67.19	151.10 12.42 -28.76	134.09 11.35 -8.11	110.15 9.05 -6.80	100.91 7.35 -18.61
SOUTHOLD___IC 23719	112.58 9.92 -0.40	103.46 8.71 0.00	101.61 8.65 -0.96	102.12 8.17 0.00	109.27 9.39 -0.01	129.52 10.34 -22.59	162.70 8.12 -85.12	202.67 10.76 -103.66	163.75 11.95 -49.63	142.98 10.42 -44.93	108.50 8.62 -12.79	97.47 8.38 -1.83	84.92 7.06 -1.94	80.71 6.71 -2.63	96.03 6.39 -23.12	118.27 7.69 -39.40	144.99 8.11 -58.18	181.39 10.38 -83.75	190.59 10.65 -92.59	157.07 9.99 -67.19	151.10 12.42 -28.76	134.09 11.35 -8.11	110.15 9.05 -6.80	100.99 7.42 -18.61
SOUTH_FORK_WT_PWR 323839	111.56 8.89 -0.40	102.52 7.77 0.00	100.70 7.73 -0.96	101.18 7.23 0.00	108.37 8.48 -0.01	128.55 9.37 -22.59	162.08 7.50 -85.12	201.87 9.97 -103.66	162.84 11.04 -49.63	142.11 9.55 -44.93	107.45 7.57 -12.79	96.42 7.33 -1.83	84.00 6.15 -1.94	79.78 5.78 -2.63	95.23 5.59 -23.12	117.41 6.83 -39.40	144.11 7.24 -58.18	180.44 9.43 -83.75	189.72 9.78 -92.59	156.43 9.34 -67.19	150.11 11.43 -28.76	132.94 10.20 -8.11	109.11 8.01 -6.80	100.32 6.75 -18.61
SPIERFLS_115KV_TB 1 80737	110.84 8.49 -0.09	102.23 7.48 0.00	99.36 7.36 0.00	101.56 7.61 0.00	108.36 8.39 -0.09	141.81 8.50 -36.72	181.77 4.65 -107.66	225.09 5.74 -131.11	171.79 6.85 -62.77	149.45 4.99 -56.83	108.05 4.79 -16.17	93.94 4.36 -2.31	80.91 3.57 -1.43	74.73 3.35 0.00	92.72 3.26 -22.94	75.02 3.84 0.00	157.09 4.80 -73.59	165.96 5.85 -72.85	188.29 5.94 -95.00	160.38 5.19 -75.30	141.10 6.92 -24.25	134.81 10.09 -10.08	102.22 7.92 0.00	146.94 5.92 -66.07
ST LAWRENCE____ 23600	101.14 -1.12 0.00	94.09 -0.66 0.00	91.45 -0.55 0.00	93.19 -0.75 0.00	98.98 -0.90 0.00	94.86 -1.74 0.00	67.99 -1.46 0.00	86.92 -1.32 0.00	100.53 -1.64 0.00	86.14 -1.49 0.00	86.13 -0.96 0.00	86.13 -1.14 0.00	75.23 -0.68 0.00	70.59 -0.78 0.00	65.86 -0.67 0.00	70.25 -0.93 0.00	77.98 -0.71 0.00	86.22 -1.04 0.00	86.13 -1.22 0.00	78.77 -1.12 0.00	108.71 -1.21 0.00	113.84 -0.80 0.00	94.11 -0.19 0.00	75.18 0.23 0.00
STATE_CA_115KV_115_LB 55624	106.61 4.29 -0.06	98.53 3.79 0.00	95.68 3.68 0.00	97.61 3.66 0.00	103.93 4.00 -0.06	124.35 3.96 -23.80	177.09 2.64 -104.99	219.28 3.18 -127.85	167.48 4.09 -61.22	146.46 3.42 -55.42	106.69 3.83 -15.77	93.45 3.93 -2.26	80.64 3.34 -1.39	74.52 3.14 0.00	91.82 2.93 -22.37	74.10 2.92 0.00	153.14 2.68 -71.77	161.19 2.88 -71.05	182.79 2.80 -92.64	155.80 2.48 -73.43	137.09 3.52 -23.65	125.38 3.67 -7.08	97.69 3.39 0.00	122.86 3.00 -44.90

STATE_ST_34_KV_LOAD 55959	101.03 -1.23 0.00	93.42 -1.33 0.00	90.72 -1.29 0.00	92.63 -1.32 0.00	98.48 -1.40 0.00	96.13 -0.58 -0.12	80.38 0.14 -10.79	105.03 -0.26 -17.05	109.61 -0.82 -8.25	94.31 -0.70 -7.38	87.80 -1.39 -2.11	86.35 -1.22 -0.31	74.81 -1.29 -0.19	70.23 -1.14 0.00	68.43 -1.06 -2.97	70.26 -0.93 -0.01	87.17 -1.10 -9.58	96.13 -0.79 -9.65	99.31 -0.70 -12.66	88.09 -0.72 -8.92	119.61 -1.43 -11.11	126.49 -1.95 -13.81	99.14 -1.98 -6.82	74.10 -1.95 -1.09
STATION_5_MISC_HYD 23604	96.64 -5.62 0.00	89.53 -5.21 0.00	87.31 -4.69 0.00	89.63 -4.32 0.00	94.89 -4.99 0.00	93.13 -3.57 -0.12	77.58 -2.23 -10.35	90.44 -4.23 -6.43	98.93 -6.24 -2.99	85.78 -4.65 -2.80	81.95 -5.93 -0.78	81.96 -5.41 -0.10	71.04 -4.93 -0.06	66.95 -4.43 0.00	63.53 -4.12 -1.14	66.90 -4.27 0.01	76.22 -6.06 -3.58	84.42 -6.37 -3.52	85.69 -6.12 -4.45	79.35 -5.59 -5.06	89.78 -8.69 11.46	84.19 -9.06 21.38	75.76 -7.73 10.80	69.21 -6.14 -0.40
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	98.89 -3.37 0.00	91.62 -3.13 0.00	89.24 -2.76 0.00	91.22 -2.72 0.00	96.98 -2.90 0.00	95.06 -1.64 -0.12	79.12 -0.69 -10.36	92.87 -1.85 -6.47	101.87 -3.27 -2.96	87.99 -2.45 -2.82	84.40 -3.48 -0.79	84.23 -3.14 -0.10	72.94 -3.04 -0.06	68.66 -2.71 0.00	65.14 -2.53 -1.15	68.68 -2.49 0.01	78.85 -3.46 -3.62	87.31 -3.49 -3.54	88.53 -3.32 -4.50	81.87 -3.12 -5.09	93.55 -5.06 11.32	87.79 -5.62 21.23	78.67 -4.90 10.72	71.09 -4.27 -0.40
STA_56_34_KV_BUS2_REV_LBMP_B 345033	96.43 -5.83 0.00	89.34 -5.40 0.00	87.13 -4.88 0.00	89.06 -4.89 0.00	94.58 -5.29 0.00	92.94 -3.77 -0.11	77.29 -2.43 -10.27	90.29 -4.41 -6.46	98.74 -6.44 -3.01	85.70 -4.73 -2.81	81.96 -5.92 -0.79	81.87 -5.50 -0.10	70.89 -5.09 -0.06	66.88 -4.50 0.00	63.41 -4.26 -1.14	66.75 -4.41 0.01	76.24 -6.06 -3.60	84.34 -6.46 -3.54	85.63 -6.20 -4.48	79.26 -5.67 -5.04	90.07 -8.68 11.17	84.43 -9.29 20.92	75.91 -7.83 10.57	68.99 -6.37 -0.40
STA_56___34_KV_BUS2 355983	96.43 -5.83 0.00	89.34 -5.40 0.00	87.13 -4.88 0.00	89.06 -4.89 0.00	94.58 -5.29 0.00	92.94 -3.77 -0.11	77.29 -2.43 -10.27	90.29 -4.41 -6.46	98.74 -6.44 -3.01	85.70 -4.73 -2.81	81.96 -5.92 -0.79	81.87 -5.50 -0.10	70.89 -5.09 -0.06	66.88 -4.50 0.00	63.41 -4.26 -1.14	66.75 -4.41 0.01	76.24 -6.06 -3.60	84.34 -6.46 -3.54	85.63 -6.20 -4.48	79.26 -5.67 -5.04	90.07 -8.68 11.17	84.43 -9.29 20.92	75.91 -7.83 10.57	68.99 -6.37 -0.40
STA_67___115KV_BK2 355882	96.43 -5.83 0.00	89.34 -5.40 0.00	87.13 -4.88 0.00	89.06 -4.89 0.00	94.58 -5.29 0.00	92.94 -3.77 -0.12	77.44 -2.36 -10.34	90.17 -4.50 -6.43	98.52 -6.64 -2.99	85.60 -4.82 -2.80	81.78 -6.10 -0.78	81.78 -5.58 -0.10	70.81 -5.16 -0.06	66.74 -4.64 0.00	63.33 -4.32 -1.14	66.61 -4.56 0.01	76.06 -6.22 -3.58	84.15 -6.63 -3.52	85.34 -6.46 -4.45	79.11 -5.83 -5.05	89.47 -9.01 11.43	83.90 -9.40 21.34	75.60 -7.92 10.78	68.91 -6.45 -0.40
STA_7___115KV_9TRANS 80674	97.05 -5.22 0.00	89.82 -4.93 0.00	87.77 -4.23 0.00	89.63 -4.32 0.00	95.18 -4.69 0.00	93.62 -3.09 -0.12	78.00 -1.81 -10.35	90.88 -3.79 -6.43	99.34 -5.82 -2.99	86.30 -4.12 -2.80	82.47 -5.40 -0.78	82.48 -4.89 -0.10	71.42 -4.55 -0.06	67.38 -4.00 0.00	63.87 -3.79 -1.14	67.25 -3.91 0.01	76.77 -5.51 -3.58	84.94 -5.85 -3.52	86.21 -5.59 -4.45	79.84 -5.11 -5.06	90.33 -8.13 11.46	84.77 -8.48 21.39	76.33 -7.17 10.80	69.36 -6.00 -0.40
STA_82___115KV_TB1 80780	96.43 -5.83 0.00	89.34 -5.40 0.00	87.22 -4.78 0.00	89.06 -4.89 0.00	94.68 -5.19 0.00	93.04 -3.67 -0.12	77.50 -2.36 -10.40	90.18 -4.50 -6.43	98.63 -6.54 -3.00	85.60 -4.82 -2.80	81.78 -6.10 -0.78	81.78 -5.58 -0.10	70.81 -5.16 -0.06	66.81 -4.57 0.00	63.33 -4.32 -1.14	66.68 -4.48 0.01	76.06 -6.22 -3.58	84.15 -6.63 -3.52	85.44 -6.38 -4.46	79.14 -5.83 -5.08	89.46 -8.90 11.55	83.70 -9.40 21.54	75.49 -7.92 10.89	68.91 -6.45 -0.40
STEEL___WIND 323596	93.67 -8.59 0.00	86.79 -7.96 0.00	85.01 -7.00 0.00	87.47 -6.48 0.00	92.59 -7.29 0.00	89.89 -6.86 -0.16	78.15 -5.35 -14.04	85.56 -8.56 -5.87	94.21 -10.52 -2.56	81.78 -8.41 -2.56	78.57 -9.23 -0.71	78.45 -8.90 -0.09	68.06 -7.90 -0.05	64.24 -7.14 0.00	60.59 -6.98 -1.05	63.83 -7.33 0.02	73.16 -8.81 -3.28	81.22 -9.25 -3.21	69.45 -9.09 8.82	66.96 -8.07 4.87	64.01 -12.53 33.37	55.56 -12.84 46.24	64.33 -10.47 19.49	67.14 -8.17 -0.36
STEPHTWN_115KV_BK_2 55603	107.42 5.11 -0.04	99.29 4.55 0.00	96.33 4.32 0.00	98.46 4.51 0.00	104.81 4.89 -0.04	118.95 4.83 -17.53	176.56 3.26 -103.84	218.67 3.97 -126.45	167.62 4.90 -60.54	146.47 4.03 -54.81	107.13 4.44 -15.60	94.03 4.54 -2.23	81.08 3.80 -1.37	74.95 3.57 0.00	91.97 3.33 -22.12	74.52 3.35 0.00	152.98 3.31 -70.98	161.19 3.67 -70.27	182.56 3.58 -91.63	155.71 3.20 -72.62	137.82 4.51 -23.39	124.84 4.59 -5.62	98.45 4.15 0.00	113.20 3.60 -34.65
STEUBEN_REC_LFGE 323667	95.31 -6.95 0.00	88.59 -6.16 0.00	86.48 -5.52 0.00	88.97 -4.98 0.00	95.19 -4.69 0.00	94.03 -3.67 -1.11	86.27 -1.67 -18.48	71.85 -2.91 13.49	90.93 -3.98 7.25	78.08 -3.77 5.78	80.77 -4.62 1.71	82.52 -4.45 0.29	71.61 -4.10 0.20	67.74 -3.64 0.00	60.85 -3.39 2.28	67.92 -3.20 0.06	67.49 -3.54 7.67	75.70 -3.40 8.16	100.96 -3.76 -17.36	100.31 -3.91 -24.33	55.06 -6.38 48.49	0.46 -7.91 106.26	24.36 -7.17 62.77	69.30 -6.22 -0.56
STILLWATER___SOLAR 323814	109.31 6.96 -0.09	100.90 6.15 0.00	97.98 5.98 0.00	100.05 6.10 0.00	106.76 6.80 -0.09	138.59 6.86 -35.14	181.16 4.65 -107.05	224.34 5.73 -130.36	171.43 6.85 -62.42	149.39 5.26 -56.50	108.22 5.05 -16.08	94.45 4.88 -2.30	81.35 4.02 -1.42	75.23 3.85 0.00	93.05 3.72 -22.81	75.38 4.20 0.00	156.98 5.11 -73.17	165.64 5.94 -72.44	187.83 6.02 -94.46	160.19 5.44 -74.87	141.17 7.14 -24.11	132.61 8.26 -9.71	100.71 6.42 0.00	143.36 4.95 -63.46
STONY___BROOK 24151	112.07 9.40 -0.40	102.98 8.24 0.00	101.07 8.10 -0.96	101.65 7.71 0.00	108.77 8.89 -0.01	128.84 9.66 -22.59	161.87 7.29 -85.12	201.44 9.53 -103.66	162.74 10.94 -49.63	142.46 9.90 -44.93	108.85 8.97 -12.79	98.08 8.99 -1.83	85.60 7.75 -1.94	81.29 7.28 -2.63	96.49 6.85 -23.12	118.41 7.83 -39.40	145.22 8.34 -58.18	180.78 9.77 -83.75	189.80 9.87 -92.59	156.27 9.18 -67.19	150.77 12.09 -28.76	134.44 11.70 -8.11	110.15 9.05 -6.80	100.61 7.04 -18.61
STURGEON_POOL_HYD 23609	107.18 4.91 -0.01	99.39 4.64 0.00	96.42 4.42 0.00	98.36 4.42 0.00	104.38 4.49 -0.01	107.66 5.31 -5.75	160.91 4.17 -87.29	199.92 5.38 -106.29	159.40 6.33 -50.89	139.39 5.70 -46.07	105.43 5.23 -13.11	94.81 5.67 -1.88	81.62 4.55 -1.16	75.80 4.43 0.00	89.04 3.92 -18.60	75.80 4.63 0.00	143.31 4.96 -59.66	152.17 5.85 -59.06	170.39 6.03 -77.02	146.37 5.43 -61.04	136.73 7.14 -19.66	123.95 6.65 -2.67	99.58 5.28 0.00	93.16 3.67 -14.53
ST_LAW_115_BK7_LBMP 345037	101.14 -1.12 0.00	94.09 -0.66 0.00	91.45 -0.55 0.00	93.19 -0.75 0.00	98.98 -0.90 0.00	94.86 -1.74 0.00	67.93 -1.53 0.00	86.83 -1.42 0.00	100.53 -1.64 0.00	86.05 -1.57 0.00	86.13 -0.96 0.00	86.13 -1.14 0.00	75.15 -0.76 0.00	70.59 -0.78 0.00	65.86 -0.67 0.00	70.25 -0.93 0.00	77.98 -0.71 0.00	86.13 -1.14 0.00	86.04 -1.31 0.00	78.70 -1.20 0.00	108.71 -1.21 0.00	113.84 -0.80 0.00	94.11 -0.19 0.00	75.26 0.30 0.00

ST_LAW_115_BK8_LBMP 345038	101.14 -1.12 0.00	94.09 -0.66 0.00	91.45 -0.55 0.00	93.19 -0.75 0.00	98.98 -0.90 0.00	94.86 -1.74 0.00	67.93 -1.53 0.00	86.83 -1.42 0.00	100.53 -1.64 0.00	86.05 -1.57 0.00	86.13 -0.96 0.00	86.13 -1.14 0.00	75.15 -0.76 0.00	70.59 -0.78 0.00	65.86 -0.67 0.00	70.25 -0.93 0.00	77.98 -0.71 0.00	86.13 -1.14 0.00	86.04 -1.31 0.00	78.70 -1.20 0.00	108.71 -1.21 0.00	113.84 -0.80 0.00	94.11 -0.19 0.00	75.26 0.30 0.00
ST_LAW_230_BK5_LBMP 345035	101.14 -1.12 0.00	94.09 -0.66 0.00	91.45 -0.55 0.00	93.19 -0.75 0.00	98.98 -0.90 0.00	94.86 -1.74 0.00	67.99 -1.46 0.00	86.92 -1.32 0.00	100.53 -1.64 0.00	86.14 -1.49 0.00	86.13 -0.96 0.00	86.13 -1.14 0.00	75.23 -0.68 0.00	70.59 -0.78 0.00	65.86 -0.67 0.00	70.25 -0.93 0.00	77.98 -0.71 0.00	86.22 -1.04 0.00	86.13 -1.22 0.00	78.77 -1.12 0.00	108.71 -1.21 0.00	113.84 -0.80 0.00	94.11 -0.19 0.00	75.18 0.23 0.00
ST_LAW_230_BK6_LBMP 345036	101.14 -1.12 0.00	94.09 -0.66 0.00	91.45 -0.55 0.00	93.19 -0.75 0.00	98.98 -0.90 0.00	94.86 -1.74 0.00	67.99 -1.46 0.00	86.92 -1.32 0.00	100.53 -1.64 0.00	86.14 -1.49 0.00	86.13 -0.96 0.00	86.13 -1.14 0.00	75.23 -0.68 0.00	70.59 -0.78 0.00	65.86 -0.67 0.00	70.25 -0.93 0.00	77.98 -0.71 0.00	86.22 -1.04 0.00	86.13 -1.22 0.00	78.77 -1.12 0.00	108.71 -1.21 0.00	113.84 -0.80 0.00	94.11 -0.19 0.00	75.18 0.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	107.28 5.01 -0.01	99.01 4.26 0.00	96.05 4.05 0.00	97.99 4.04 0.00	104.48 4.59 -0.01	105.72 5.22 -3.91	153.04 4.03 -79.55	190.24 5.12 -96.88	154.69 6.13 -46.38	135.05 5.43 -41.99	104.18 5.14 -11.95	94.21 5.24 -1.71	81.37 4.40 -1.05	75.44 4.07 0.00	87.26 3.79 -16.95	75.45 4.27 0.00	137.79 4.72 -54.38	146.68 5.58 -53.83	163.31 5.77 -70.20	140.64 5.11 -55.64	134.55 6.71 -17.92	123.07 6.30 -2.13	99.01 4.71 0.00	89.63 3.60 -11.08
SWANROAD_115KV_TB1 355699	90.60 -11.66 0.00	83.94 -10.80 0.00	82.25 -9.75 0.00	84.08 -9.86 0.00	89.39 -10.49 0.00	87.66 -9.08 -0.14	75.53 -6.88 -12.95	83.30 -11.12 -6.18	90.97 -14.20 -3.00	79.79 -10.52 -2.68	75.38 -12.45 -0.74	75.57 -11.78 -0.09	65.41 -10.55 -0.05	61.88 -9.49 0.00	58.57 -9.05 -1.09	61.62 -9.54 0.02	70.08 -12.04 -3.43	77.37 -13.26 -3.37	69.10 -12.75 5.49	66.07 -11.34 2.48	65.75 -16.93 27.25	59.53 -17.20 37.91	64.34 -13.58 16.38	64.16 -11.17 -0.37
SYNERGY___BIOGAS 323694	95.41 -6.85 0.00	88.49 -6.26 0.00	86.57 -5.43 0.00	88.97 -4.98 0.00	94.08 -5.80 0.00	92.38 -4.34 -0.13	78.21 -3.19 -11.94	88.92 -5.65 -6.33	97.27 -8.18 -3.27	84.32 -6.05 -2.74	80.10 -7.75 -0.76	80.03 -7.33 -0.10	69.44 -6.53 -0.05	65.45 -5.92 0.00	62.04 -5.59 -1.11	65.40 -5.76 0.01	74.69 -7.48 -3.48	82.91 -7.77 -3.42	77.53 -7.42 2.39	73.09 -6.63 0.18	77.57 -10.44 21.91	71.61 -10.89 32.13	70.90 -9.05 14.34	68.00 -7.34 -0.38
SYRACUSE___ENERGY_ST1 323597	100.63 -1.64 0.00	93.13 -1.61 0.00	90.35 -1.66 0.00	91.88 -2.07 0.00	97.48 -2.40 0.00	94.95 -1.74 -0.10	77.33 -0.76 -8.64	97.35 -1.41 -10.52	105.17 -2.04 -5.04	90.61 -1.58 -4.56	86.21 -2.18 -1.30	85.44 -2.01 -0.19	74.05 -1.97 -0.11	69.66 -1.71 0.00	66.77 -1.60 -1.84	69.61 -1.57 0.00	82.71 -1.89 -5.91	91.28 -1.83 -5.85	93.23 -1.75 -7.62	84.26 -1.68 -6.04	109.23 -2.64 -1.95	111.54 -3.10 0.00	91.47 -2.83 0.00	73.23 -2.40 -0.67
SYRACUSE___ENERGY_ST2 323598	100.63 -1.64 0.00	93.13 -1.61 0.00	90.35 -1.66 0.00	91.88 -2.07 0.00	97.48 -2.40 0.00	94.95 -1.74 -0.10	77.33 -0.76 -8.64	97.35 -1.41 -10.52	105.17 -2.04 -5.04	90.61 -1.58 -4.56	86.21 -2.18 -1.30	85.44 -2.01 -0.19	74.05 -1.97 -0.11	69.66 -1.71 0.00	66.77 -1.60 -1.84	69.61 -1.57 0.00	82.71 -1.89 -5.91	91.28 -1.83 -5.85	93.23 -1.75 -7.62	84.26 -1.68 -6.04	109.23 -2.64 -1.95	111.54 -3.10 0.00	91.47 -2.83 0.00	73.23 -2.40 -0.67
SYRACUSE___POWER 24017	100.63 -1.64 0.00	93.04 -1.71 0.00	90.35 -1.66 0.00	92.16 -1.79 0.00	97.98 -1.90 0.00	95.44 -1.26 -0.10	77.98 -0.49 -9.01	100.91 -0.97 -13.64	107.33 -1.43 -6.59	92.39 -1.14 -5.91	87.12 -1.65 -1.69	85.94 -1.57 -0.24	74.47 -1.59 -0.15	70.02 -1.36 0.00	67.64 -1.26 -2.38	69.97 -1.21 0.00	84.86 -1.50 -7.66	93.53 -1.40 -7.66	96.09 -1.31 -10.05	85.85 -1.28 -7.23	115.78 -2.09 -7.94	121.31 -2.52 -9.20	96.59 -2.36 -4.65	73.73 -2.10 -0.87
TALLMAN___138KV_BK151 55660	107.69 5.42 -0.01	99.39 4.64 0.00	96.33 4.32 0.00	98.27 4.32 0.00	104.78 4.89 -0.01	106.21 5.60 -4.02	155.51 4.38 -81.67	193.26 5.56 -99.46	156.43 6.64 -47.62	136.61 5.87 -43.11	105.02 5.66 -12.27	94.69 5.67 -1.75	81.85 4.86 -1.08	75.87 4.50 0.00	88.11 4.19 -17.40	75.80 4.63 0.00	139.64 5.12 -55.83	148.55 6.02 -55.27	165.62 6.20 -72.07	142.53 5.51 -57.12	135.57 7.25 -18.40	123.70 6.88 -2.19	99.39 5.09 0.00	90.16 3.82 -11.38
TEALLAVE_115KV_TB7 355573	100.01 -2.25 0.00	92.57 -2.18 0.00	89.89 -2.12 0.00	91.79 -2.16 0.00	97.58 -2.30 0.00	95.03 -1.64 -0.08	76.21 -0.76 -7.52	95.98 -1.41 -9.15	104.61 -1.94 -4.38	90.02 -1.58 -3.97	86.22 -2.00 -1.13	85.50 -1.92 -0.16	74.19 -1.82 -0.10	69.73 -1.64 0.00	66.59 -1.53 -1.60	69.61 -1.57 0.00	81.94 -1.89 -5.14	90.52 -1.83 -5.09	92.15 -1.83 -6.63	83.47 -1.68 -5.26	108.98 -2.64 -1.69	111.54 -3.10 0.00	91.47 -2.83 0.00	73.14 -2.40 -0.58
TELGRAPH_34_KV_EAST 80808	93.16 -9.10 0.00	86.41 -8.34 0.00	84.55 -7.45 0.00	86.43 -7.52 0.00	91.89 -7.99 0.00	90.16 -6.57 -0.14	76.91 -4.86 -12.32	86.34 -8.21 -6.30	94.58 -10.93 -3.33	82.20 -8.15 -2.72	78.00 -9.84 -0.75	78.11 -9.25 -0.10	67.62 -8.35 -0.05	63.88 -7.49 0.00	60.50 -7.12 -1.10	63.69 -7.47 0.01	72.70 -9.44 -3.45	80.35 -10.30 -3.39	73.72 -9.87 3.75	69.99 -8.71 1.20	72.48 -13.30 24.14	66.29 -13.76 34.59	67.99 -11.13 15.18	66.19 -9.14 -0.38
TEMPLE___115KV_TB 2 55572	100.11 -2.15 0.00	92.57 -2.18 0.00	89.89 -2.12 0.00	91.79 -2.16 0.00	97.58 -2.30 0.00	95.03 -1.64 -0.08	76.31 -0.76 -7.62	96.20 -1.32 -9.28	104.78 -1.84 -4.44	90.16 -1.49 -4.02	86.23 -2.00 -1.14	85.59 -1.83 -0.16	74.19 -1.82 -0.10	69.73 -1.64 0.00	66.62 -1.53 -1.62	69.68 -1.49 0.00	82.09 -1.81 -5.21	90.59 -1.83 -5.16	92.33 -1.75 -6.72	83.62 -1.60 -5.33	109.00 -2.64 -1.72	111.65 -2.98 0.00	91.56 -2.73 0.00	73.15 -2.40 -0.59
TIANA____69_KV_BK 1 55817	112.79 10.12 -0.40	103.65 8.91 0.00	101.71 8.74 -0.96	102.50 8.55 0.00	109.37 9.49 -0.01	129.52 10.34 -22.59	162.57 7.99 -85.12	202.49 10.59 -103.66	163.66 11.85 -49.63	142.72 10.16 -44.93	109.02 9.14 -12.79	98.08 8.99 -1.83	85.52 7.67 -1.94	81.21 7.21 -2.63	96.43 6.79 -23.12	118.62 8.04 -39.40	145.06 8.18 -58.18	181.31 10.30 -83.75	190.07 10.13 -92.59	156.59 9.51 -67.19	150.55 11.87 -28.76	133.98 11.23 -8.11	110.25 9.15 -6.80	100.76 7.20 -18.61
TILDEN___115KV_TB1 80814	100.63 -1.64 0.00	93.04 -1.71 0.00	90.35 -1.66 0.00	92.16 -1.79 0.00	97.98 -1.90 0.00	95.44 -1.26 -0.10	77.98 -0.49 -9.01	100.91 -0.97 -13.64	107.33 -1.43 -6.59	92.39 -1.14 -5.91	87.12 -1.65 -1.69	85.94 -1.57 -0.24	74.47 -1.59 -0.15	70.02 -1.36 0.00	67.64 -1.26 -2.38	69.97 -1.21 0.00	84.86 -1.50 -7.66	93.53 -1.40 -7.66	96.09 -1.31 -10.05	85.85 -1.28 -7.23	115.78 -2.09 -7.94	121.31 -2.52 -9.20	96.59 -2.36 -4.65	73.73 -2.10 -0.87

TRIGEN___CC 323695	109.82 7.16 -0.40	101.00 6.25 0.00	98.86 5.89 -0.96	99.77 5.82 0.00	106.48 6.59 -0.01	126.43 7.24 -22.59	160.07 5.49 -85.12	199.05 7.15 -103.66	160.28 8.48 -49.63	140.09 7.54 -44.93	107.10 7.23 -12.79	96.51 7.42 -1.83	84.23 6.38 -1.94	80.00 6.00 -2.63	95.16 5.52 -23.12	116.70 6.12 -39.40	143.49 6.61 -58.18	178.86 7.85 -83.75	187.97 8.04 -92.59	154.28 7.19 -67.19	148.24 9.56 -28.76	131.91 9.17 -8.11	108.08 6.98 -6.80	98.89 5.32 -18.61
TRINITY___115KV___4 BK 55933	106.29 3.99 -0.05	98.25 3.51 0.00	95.41 3.40 0.00	97.42 3.48 0.00	103.72 3.80 -0.05	118.98 3.67 -18.72	175.94 2.43 -104.06	217.87 2.91 -126.71	166.52 3.68 -60.67	145.71 3.15 -54.93	106.29 3.57 -15.63	93.16 3.67 -2.24	80.40 3.11 -1.38	74.30 2.93 0.00	91.42 2.73 -22.17	73.81 2.63 0.00	152.26 2.44 -71.13	160.21 2.53 -70.41	181.61 2.45 -91.82	154.90 2.24 -72.77	136.55 3.19 -23.44	123.86 3.32 -5.90	97.41 3.11 0.00	114.32 2.77 -36.59
UNION___PROCESSING_DRP 323587	96.53 -5.73 0.00	89.44 -5.31 0.00	87.22 -4.78 0.00	89.16 -4.79 0.00	94.68 -5.19 0.00	93.04 -3.67 -0.12	77.51 -2.36 -10.41	90.28 -4.41 -6.45	98.65 -6.54 -3.01	85.61 -4.82 -2.80	81.78 -6.10 -0.79	81.78 -5.58 -0.10	70.81 -5.16 -0.06	66.81 -4.57 0.00	63.34 -4.32 -1.14	66.68 -4.48 0.01	76.07 -6.22 -3.59	84.16 -6.63 -3.53	85.47 -6.38 -4.49	79.16 -5.83 -5.10	89.51 -8.90 11.51	83.72 -9.40 21.52	75.59 -7.83 10.88	68.91 -6.45 -0.40
UPPER HUDSON___HYD 24058	110.84 8.48 -0.09	102.33 7.58 0.00	99.37 7.36 0.00	101.55 7.61 0.00	108.36 8.39 -0.09	141.82 8.50 -36.72	181.77 4.65 -107.66	225.08 5.73 -131.11	171.79 6.85 -62.77	149.45 4.99 -56.83	108.05 4.79 -16.17	93.94 4.36 -2.31	80.83 3.49 -1.43	74.73 3.36 0.00	92.72 3.26 -22.94	75.02 3.84 0.00	157.09 4.80 -73.59	165.96 5.85 -72.85	188.29 5.94 -95.00	160.38 5.19 -75.30	141.10 6.93 -24.25	134.92 10.20 -10.08	102.22 7.92 0.00	147.02 6.00 -66.07
UPPER RAQUET___HYD 24056	102.16 -0.10 0.00	95.03 0.29 0.00	92.56 0.56 0.00	94.04 0.09 0.00	99.68 -0.20 0.00	95.14 -1.45 0.00	68.48 -0.97 0.00	87.63 -0.61 0.00	101.25 -0.92 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.83 -0.43 0.00	75.84 -0.08 0.00	71.16 -0.21 0.00	66.46 -0.07 0.00	70.54 -0.64 0.00	78.22 -0.47 0.00	86.48 -0.79 0.00	86.39 -0.96 0.00	78.85 -1.04 0.00	108.61 -1.31 0.00	113.84 -0.80 0.00	94.68 0.38 0.00	76.15 1.20 0.00
VALLEY44_115KV_TB2 355964	95.21 -7.06 0.00	88.11 -6.63 0.00	86.21 -5.80 0.00	88.22 -5.73 0.00	93.98 -5.89 0.00	89.62 -7.15 -0.18	79.21 -6.04 -15.80	85.66 -8.21 -5.62	96.70 -7.87 -2.39	82.38 -7.71 -2.46	80.89 -6.88 -0.68	79.92 -7.42 -0.08	69.73 -6.22 -0.04	65.38 -6.00 0.00	61.75 -5.79 -1.01	65.39 -5.77 0.02	76.15 -5.67 -3.13	84.99 -5.32 -3.05	80.97 -5.07 1.32	77.20 -4.71 -2.03	71.13 -7.69 31.10	56.93 -8.02 49.68	64.11 -6.51 23.69	70.20 -5.10 -0.34
VALLEY___115KV_TB 1-4 80826	104.61 2.35 0.00	96.92 2.18 0.00	94.21 2.21 0.00	96.30 2.35 0.00	102.77 2.90 0.00	99.68 3.09 0.00	71.89 2.43 0.00	91.51 3.27 0.00	106.26 4.09 0.00	91.31 3.68 0.00	91.10 4.01 0.00	91.36 4.10 0.00	79.41 3.49 0.00	74.66 3.28 0.00	69.58 3.06 0.00	74.88 3.70 0.00	82.94 4.25 0.00	92.15 4.89 0.00	92.15 4.80 0.00	83.97 4.07 0.00	114.87 4.95 0.00	119.34 4.70 0.00	98.26 3.96 0.00	77.95 3.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	109.23 6.95 -0.01	101.09 6.35 0.00	98.08 6.07 0.00	100.15 6.20 0.00	106.88 6.99 -0.01	108.94 7.15 -5.20	111.69 5.42 -36.82	140.05 6.97 -44.83	131.91 8.28 -21.47	113.63 6.57 -19.43	98.89 6.27 -5.53	94.07 6.02 -0.79	81.26 4.86 -0.49	75.94 4.57 0.00	78.69 4.32 -7.84	76.16 4.98 0.00	109.53 5.67 -25.17	118.89 6.72 -24.91	126.84 6.99 -32.51	111.81 6.15 -25.76	126.28 8.02 -8.33	124.30 7.68 -1.98	100.24 5.94 0.00	90.09 4.50 -10.64
VISCHER___FERRY HYD 24020	108.06 5.72 -0.07	99.76 5.02 0.00	96.78 4.78 0.00	98.83 4.88 0.00	105.34 5.39 -0.07	132.49 5.70 -30.20	178.87 4.03 -105.39	221.43 4.85 -128.34	169.54 5.92 -61.45	148.25 4.99 -55.63	107.79 4.87 -15.83	94.41 4.88 -2.26	81.48 4.17 -1.40	75.30 3.92 0.00	92.63 3.66 -22.45	75.16 3.98 0.00	155.21 4.48 -72.04	163.72 5.15 -71.31	185.49 5.15 -92.99	158.31 4.71 -73.71	139.92 6.26 -23.74	129.84 6.65 -8.56	99.58 5.28 0.00	134.33 4.04 -55.33
V_A_10_SYNC_DSASP 323832	92.96 -9.30 0.00	86.12 -8.62 0.00	84.18 -7.82 0.00	86.62 -7.33 0.00	91.59 -8.29 0.00	90.06 -6.66 -0.13	76.36 -4.73 -11.63	86.43 -8.12 -6.31	93.90 -11.04 -2.76	82.05 -8.33 -2.75	77.85 -10.01 -0.77	78.03 -9.34 -0.10	67.62 -8.35 -0.06	63.88 -7.49 0.00	60.59 -7.05 -1.12	63.69 -7.47 0.01	72.07 -10.15 -3.52	79.73 -11.00 -3.47	74.43 -10.66 2.26	70.24 -9.51 0.15	74.43 -14.29 21.20	69.22 -14.56 30.86	68.68 -11.88 13.74	65.90 -9.45 -0.39
V_CMM_10_SYNC_DSASP 323787	101.65 -0.61 0.00	94.46 -0.28 0.00	91.91 -0.09 0.00	93.57 -0.37 0.00	99.38 -0.50 0.00	95.24 -1.35 0.00	68.34 -1.11 0.00	87.28 -0.97 0.00	100.95 -1.22 0.00	86.40 -1.23 0.00	86.48 -0.61 0.00	86.48 -0.79 0.00	75.54 -0.38 0.00	70.95 -0.43 0.00	66.19 -0.33 0.00	70.61 -0.57 0.00	78.38 -0.31 0.00	86.56 -0.70 0.00	86.48 -0.87 0.00	79.09 -0.80 0.00	109.16 -0.76 0.00	114.18 -0.46 0.00	94.49 0.19 0.00	75.55 0.60 0.00
V_CMP_10_SYNC_DSASP 323788	101.04 -1.22 0.00	93.89 -0.85 0.00	91.36 -0.64 0.00	92.82 -1.12 0.00	98.78 -1.10 0.00	95.14 -1.45 0.00	68.76 -0.69 0.00	87.72 -0.53 0.00	101.15 -1.02 0.00	86.66 -0.96 0.00	86.83 -0.26 0.00	87.00 -0.26 0.00	76.07 0.15 0.00	71.45 0.07 0.00	66.72 0.20 0.00	71.32 0.14 0.00	79.48 0.79 0.00	87.70 0.44 0.00	87.61 0.26 0.00	79.89 0.00 0.00	109.92 0.00 0.00	114.86 0.23 0.00	95.05 0.75 0.00	76.75 1.80 0.00
V_D_10_SYNC_DSASP 323841	102.16 -0.10 0.00	94.93 0.19 0.00	92.47 0.46 0.00	94.04 0.09 0.00	99.78 -0.10 0.00	95.63 -0.97 0.00	68.69 -0.76 0.00	87.81 -0.44 0.00	101.46 -0.71 0.00	86.84 -0.79 0.00	86.92 -0.17 0.00	86.91 -0.35 0.00	75.91 0.00 0.00	71.23 -0.14 0.00	66.46 -0.07 0.00	70.89 -0.28 0.00	78.69 0.00 0.00	87.00 -0.26 0.00	86.83 -0.52 0.00	79.34 -0.56 0.00	109.48 -0.44 0.00	114.52 -0.11 0.00	94.87 0.57 0.00	76.00 1.05 0.00
V_E_10_SYNC_DSASP 323830	109.73 7.46 -0.01	101.76 7.01 0.00	98.91 6.90 0.00	101.37 7.42 0.00	108.47 8.59 -0.01	108.44 9.37 -2.48	103.54 7.78 -26.31	147.08 10.06 -48.78	137.24 11.34 -23.73	117.15 8.41 -21.11	100.79 7.67 -6.04	95.39 7.24 -0.89	82.01 5.54 -0.56	76.58 5.21 0.00	79.94 4.92 -8.50	77.61 6.41 -0.03	113.99 7.87 -27.43	124.98 9.69 -28.03	136.29 9.78 -39.16	113.96 7.91 -26.15	164.76 9.56 -45.28	183.25 8.36 -60.25	129.56 6.04 -29.22	86.05 4.42 -6.67
V_F_30_NSYNC___DSASP 323816	109.31 6.96 -0.09	100.90 6.15 0.00	97.98 5.98 0.00	100.15 6.20 0.00	106.76 6.80 -0.09	139.36 6.96 -35.81	181.49 4.73 -107.31	224.65 5.73 -130.68	171.59 6.85 -62.57	149.62 5.35 -56.64	108.35 5.14 -16.12	94.54 4.97 -2.31	81.43 4.10 -1.42	75.30 3.92 0.00	93.18 3.79 -22.86	75.45 4.27 0.00	157.16 5.11 -73.35	165.89 6.02 -72.61	188.06 6.02 -94.69	160.38 5.44 -75.05	141.35 7.25 -24.17	132.76 8.26 -9.87	100.71 6.42 0.00	144.47 4.95 -64.57

V_F_30_SYNC_DSASP 323786	106.61 4.29 -0.06	98.53 3.79 0.00	95.68 3.68 0.00	97.71 3.76 0.00	103.93 4.00 -0.06	123.96 3.96 -23.41	177.01 2.64 -104.92	219.18 3.18 -127.76	167.43 4.09 -61.17	146.42 3.42 -55.38	106.68 3.83 -15.76	93.44 3.93 -2.25	80.64 3.34 -1.39	74.52 3.14 0.00	91.80 2.93 -22.35	74.10 2.92 0.00	153.08 2.68 -71.71	161.14 2.88 -70.99	182.72 2.80 -92.58	155.74 2.48 -73.38	137.07 3.52 -23.63	125.29 3.67 -6.99	97.69 3.39 0.00	122.22 3.00 -44.27
V_XM_10_SYNC_DSASP 323789	101.04 -1.22 0.00	93.89 -0.85 0.00	91.36 -0.64 0.00	92.82 -1.12 0.00	98.78 -1.10 0.00	95.14 -1.45 0.00	68.76 -0.69 0.00	87.72 -0.53 0.00	101.15 -1.02 0.00	86.66 -0.96 0.00	86.83 -0.26 0.00	87.00 -0.26 0.00	76.07 0.15 0.00	71.45 0.07 0.00	66.72 0.20 0.00	71.32 0.14 0.00	79.48 0.79 0.00	87.70 0.44 0.00	87.61 0.26 0.00	79.89 0.00 0.00	109.92 0.00 0.00	114.86 0.23 0.00	95.05 0.75 0.00	76.75 1.80 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	108.00 5.73 -0.01	99.67 4.93 0.00	96.60 4.60 0.00	98.55 4.60 0.00	105.08 5.19 -0.01	106.53 5.89 -4.05	156.19 4.58 -82.15	194.11 5.82 -100.04	156.92 6.85 -47.90	137.12 6.13 -43.36	105.18 5.75 -12.34	94.96 5.93 -1.77	81.94 4.93 -1.09	76.02 4.64 0.00	88.28 4.26 -17.50	75.95 4.77 0.00	140.12 5.27 -56.15	149.05 6.20 -55.59	166.21 6.38 -72.49	143.02 5.67 -57.45	136.01 7.58 -18.51	123.94 7.11 -2.20	99.58 5.28 0.00	90.38 3.97 -11.45
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	109.02 6.75 -0.01	100.52 5.78 0.00	97.43 5.43 0.00	99.30 5.35 0.00	105.98 6.09 -0.01	107.56 6.76 -4.21	159.94 5.35 -85.14	198.98 7.06 -103.68	160.40 8.58 -49.64	140.36 7.80 -44.94	107.37 7.49 -12.79	96.68 7.59 -1.83	83.49 6.45 -1.13	77.37 6.00 0.00	90.18 5.52 -18.14	77.30 6.12 0.00	143.66 6.77 -58.19	152.73 7.85 -57.61	170.42 7.95 -75.12	146.47 7.03 -59.54	138.44 9.34 -19.18	125.74 8.83 -2.28	100.90 6.60 0.00	91.87 5.02 -11.89
W50THST__13_KV_LOAD 356117	109.12 6.85 -0.01	100.62 5.87 0.00	97.52 5.52 0.00	99.40 5.45 0.00	105.98 6.09 -0.01	107.66 6.86 -4.21	160.01 5.42 -85.14	198.98 7.06 -103.68	160.50 8.68 -49.64	140.45 7.89 -44.94	107.45 7.58 -12.79	96.77 7.68 -1.83	83.49 6.45 -1.13	77.44 6.07 0.00	90.25 5.59 -18.14	77.37 6.19 0.00	143.74 6.85 -58.19	152.81 7.94 -57.61	170.42 7.95 -75.12	146.55 7.11 -59.54	138.55 9.45 -19.18	125.74 8.83 -2.28	100.99 6.70 0.00	91.87 5.02 -11.89
WADING RIVER_IC_1 23522	112.99 10.32 -0.40	103.84 9.10 0.00	101.89 8.92 -0.96	102.41 8.46 0.00	109.57 9.69 -0.01	129.71 10.53 -22.59	162.77 8.19 -85.12	202.67 10.76 -103.66	163.85 12.05 -49.63	143.24 10.69 -44.93	109.20 9.32 -12.79	98.25 9.16 -1.83	85.68 7.82 -1.94	81.36 7.35 -2.63	96.62 6.98 -23.12	118.76 8.18 -39.40	144.99 8.11 -58.18	181.13 10.12 -83.75	189.46 9.52 -92.59	156.19 9.10 -67.19	149.90 11.22 -28.76	133.17 10.43 -8.11	110.06 8.96 -6.80	100.69 7.12 -18.61
WADING RIVER_IC_2 23547	112.99 10.32 -0.40	103.84 9.10 0.00	101.89 8.92 -0.96	102.41 8.46 0.00	109.57 9.69 -0.01	129.71 10.53 -22.59	162.77 8.19 -85.12	202.67 10.76 -103.66	163.85 12.05 -49.63	143.24 10.69 -44.93	109.20 9.32 -12.79	98.25 9.16 -1.83	85.68 7.82 -1.94	81.36 7.35 -2.63	96.62 6.98 -23.12	118.76 8.18 -39.40	144.99 8.11 -58.18	181.13 10.12 -83.75	189.46 9.52 -92.59	156.19 9.10 -67.19	149.90 11.22 -28.76	133.17 10.43 -8.11	110.06 8.96 -6.80	100.69 7.12 -18.61
WADING RIVER_IC_3 23601	112.99 10.32 -0.40	103.84 9.10 0.00	101.89 8.92 -0.96	102.41 8.46 0.00	109.57 9.69 -0.01	129.71 10.53 -22.59	162.77 8.19 -85.12	202.67 10.76 -103.66	163.85 12.05 -49.63	143.24 10.69 -44.93	109.20 9.32 -12.79	98.25 9.16 -1.83	85.68 7.82 -1.94	81.36 7.35 -2.63	96.62 6.98 -23.12	118.76 8.18 -39.40	144.99 8.11 -58.18	181.13 10.12 -83.75	189.46 9.52 -92.59	156.19 9.10 -67.19	149.90 11.22 -28.76	133.17 10.43 -8.11	110.06 8.96 -6.80	100.69 7.12 -18.61
WALDENNY_12_KV_BK2 80841	93.67 -8.59 0.00	86.79 -7.96 0.00	85.01 -6.99 0.00	87.00 -6.95 0.00	92.49 -7.39 0.00	90.08 -6.66 -0.15	78.17 -5.21 -13.93	85.68 -8.47 -5.91	94.49 -10.32 -2.63	81.97 -8.24 -2.58	78.57 -9.23 -0.71	78.54 -8.81 -0.09	68.14 -7.82 -0.05	64.31 -7.07 0.00	60.73 -6.85 -1.06	63.97 -7.19 0.02	73.10 -8.89 -3.29	81.07 -9.42 -3.23	69.75 -9.17 8.43	67.08 -8.23 4.59	64.60 -12.64 32.68	56.24 -13.07 45.33	64.58 -10.56 19.15	66.84 -8.47 -0.36
WALDEN__HYDRO 24148	107.89 5.62 -0.01	99.58 4.83 0.00	96.60 4.60 0.00	98.55 4.60 0.00	105.08 5.19 -0.01	106.65 5.89 -4.17	156.43 4.51 -82.46	194.49 5.82 -100.42	157.10 6.85 -48.08	137.11 5.96 -43.53	105.05 5.57 -12.39	94.79 5.76 -1.77	81.79 4.78 -1.09	75.87 4.50 0.00	88.28 4.19 -17.57	75.87 4.70 0.00	140.33 5.27 -56.37	149.26 6.20 -55.80	166.58 6.46 -72.76	143.32 5.75 -57.67	136.08 7.58 -18.58	123.97 7.11 -2.23	99.77 5.47 0.00	90.66 4.05 -11.66
WARRENSBURG____ 23737	110.84 8.48 -0.09	102.33 7.58 0.00	99.37 7.36 0.00	101.55 7.61 0.00	108.36 8.39 -0.09	141.82 8.50 -36.72	181.77 4.65 -107.66	225.08 5.73 -131.11	171.79 6.85 -62.77	149.45 4.99 -56.83	108.05 4.79 -16.17	93.94 4.36 -2.31	80.83 3.49 -1.43	74.73 3.36 0.00	92.72 3.26 -22.94	75.02 3.84 0.00	157.09 4.80 -73.59	165.96 5.85 -72.85	188.29 5.94 -95.00	160.38 5.19 -75.30	141.10 6.93 -24.25	134.92 10.20 -10.08	102.22 7.92 0.00	147.02 6.00 -66.07
WATERSIDE____6 8 9 23538	108.61 6.34 -0.01	100.05 5.31 0.00	96.97 4.97 0.00	98.83 4.89 0.00	105.38 5.49 -0.01	106.98 6.18 -4.21	159.40 4.79 -85.16	198.21 6.27 -103.70	159.59 7.77 -49.65	139.67 7.10 -44.95	106.85 6.97 -12.79	96.07 6.98 -1.83	82.96 5.92 -1.13	76.94 5.57 0.00	89.79 5.12 -18.14	76.87 5.69 0.00	143.20 6.30 -58.21	152.21 7.33 -57.62	169.91 7.42 -75.14	146.08 6.63 -59.55	137.90 8.79 -19.18	125.06 8.14 -2.28	100.52 6.22 0.00	91.72 4.87 -11.89
WATKINRD_115KV_LN8_ILLION 55919	106.97 4.70 0.00	99.20 4.45 0.00	96.42 4.42 0.00	98.64 4.70 0.00	105.37 5.49 0.00	102.29 5.70 0.00	73.83 4.38 0.00	94.07 5.82 0.00	109.22 7.05 0.00	93.76 6.13 0.00	93.62 6.53 0.00	93.89 6.63 0.00	81.53 5.62 0.00	76.73 5.35 0.00	71.51 4.99 0.00	77.08 5.91 0.00	85.54 6.85 0.00	95.12 7.85 0.00	95.21 7.86 0.00	86.60 6.71 0.00	118.27 8.35 0.00	122.66 8.02 0.00	100.99 6.70 0.00	80.13 5.17 0.00
WATSON__69_KV_BK 1 55734	112.48 9.82 -0.40	103.46 8.72 0.00	101.34 8.37 -0.96	102.21 8.27 0.00	109.07 9.19 -0.01	129.13 9.95 -22.59	162.08 7.50 -85.12	201.70 9.80 -103.66	163.15 11.34 -49.63	142.55 9.99 -44.93	109.28 9.41 -12.79	98.52 9.42 -1.83	85.98 8.12 -1.94	81.64 7.64 -2.63	96.76 7.12 -23.12	118.76 8.19 -39.40	145.61 8.74 -58.18	181.48 10.47 -83.75	190.51 10.57 -92.59	156.67 9.59 -67.19	151.32 12.64 -28.76	135.01 12.27 -8.11	110.62 9.52 -6.80	100.91 7.35 -18.61
WDELAWARE__HYD 323627	107.69 5.42 -0.01	99.48 4.74 0.00	96.51 4.51 0.00	98.46 4.51 0.00	105.08 5.19 -0.01	106.85 5.99 -4.27	151.77 4.65 -77.66	188.73 5.91 -94.57	154.30 6.85 -45.28	134.49 5.87 -40.99	103.98 5.23 -11.66	94.34 5.41 -1.67	81.34 4.40 -1.03	75.44 4.07 0.00	86.93 3.86 -16.55	75.66 4.49 0.00	136.97 5.19 -53.08	146.10 6.29 -52.55	162.43 6.55 -68.52	139.96 5.76 -54.31	134.99 7.58 -17.49	123.93 7.11 -2.18	99.67 5.37 0.00	90.47 3.97 -11.55

WEST BABYLON___IC 23714	111.87 9.20 -0.40	102.80 8.05 0.00	100.79 7.82 -0.96	101.65 7.70 0.00	108.47 8.59 -0.01	128.45 9.27 -22.59	161.59 7.01 -85.12	201.08 9.18 -103.66	162.43 10.63 -49.63	141.93 9.38 -44.93	108.76 8.88 -12.79	98.08 8.99 -1.83	85.60 7.74 -1.94	81.28 7.28 -2.63	96.36 6.72 -23.12	118.26 7.69 -39.40	145.14 8.26 -58.18	180.87 9.86 -83.75	189.98 10.05 -92.59	156.11 9.03 -67.19	150.66 11.98 -28.76	134.43 11.69 -8.11	110.06 8.96 -6.80	100.46 6.90 -18.61
WEST CANADA___HYD 24049	102.98 0.72 0.00	95.32 0.57 0.00	92.56 0.56 0.00	94.51 0.57 0.00	100.58 0.70 0.00	97.46 0.87 0.00	70.15 0.69 0.00	89.04 0.79 0.00	103.09 0.92 0.00	88.41 0.79 0.00	87.87 0.78 0.00	88.05 0.78 0.00	76.52 0.60 0.00	71.94 0.57 0.00	67.05 0.53 0.00	71.74 0.57 0.00	79.32 0.63 0.00	88.05 0.78 0.00	88.13 0.78 0.00	80.53 0.64 0.00	110.70 0.77 0.00	115.33 0.69 0.00	94.87 0.57 0.00	75.33 0.38 0.00
WESTERN_NY_WIND 24143	95.10 -7.16 0.00	88.21 -6.54 0.00	86.30 -5.70 0.00	88.22 -5.73 0.00	93.78 -6.09 0.00	92.09 -4.64 -0.13	78.21 -3.33 -12.09	88.56 -6.00 -6.32	96.99 -8.48 -3.30	84.05 -6.31 -2.73	79.92 -7.93 -0.75	79.85 -7.50 -0.10	69.21 -6.76 -0.05	65.31 -6.07 0.00	61.84 -5.79 -1.10	65.26 -5.91 0.01	74.45 -7.71 -3.47	82.55 -8.12 -3.40	76.65 -7.77 2.92	72.37 -6.95 0.57	76.26 -10.88 22.78	70.20 -11.35 33.09	70.29 -9.34 14.67	67.62 -7.72 -0.38
WESTOVER___LESR 323668	101.24 -1.02 0.00	93.61 -1.14 0.00	90.99 -1.01 0.00	93.01 -0.94 0.00	98.98 -0.90 0.00	97.85 -0.48 -1.74	96.51 -0.14 -27.20	115.19 -0.62 -27.56	114.43 -0.82 -13.07	98.79 -0.79 -11.96	89.35 -1.13 -3.39	86.61 -1.13 -0.48	75.14 -1.06 -0.29	70.38 -1.00 0.00	70.43 -0.93 -4.83	70.39 -0.78 0.01	93.36 -0.79 -15.45	102.92 -0.61 -16.26	108.00 -0.52 -21.18	96.44 -0.56 -17.11	102.57 -1.21 6.14	94.67 -1.60 18.36	82.99 -1.60 9.70	77.61 -1.42 -4.08
WETHRSFD_WT_PWR 323626	93.67 -8.59 0.00	86.88 -7.86 0.00	85.10 -6.90 0.00	87.56 -6.39 0.00	92.79 -7.09 0.00	90.49 -6.28 -0.18	80.68 -4.51 -15.74	85.10 -7.32 -4.18	94.44 -9.40 -1.67	81.58 -7.89 -1.84	78.88 -8.71 -0.50	78.94 -8.38 -0.05	68.50 -7.44 -0.02	64.74 -6.64 0.00	60.83 -6.45 -0.76	64.46 -6.69 0.02	73.13 -7.87 -2.31	81.09 -8.38 -2.20	37.16 -8.56 41.64	40.70 -7.91 31.29	26.45 -12.20 71.26	23.27 -12.95 78.41	57.42 -10.75 26.13	66.65 -8.55 -0.24
WHAVSTOR_138KV_BK127 55557	107.59 5.32 -0.01	99.29 4.55 0.00	96.24 4.23 0.00	98.18 4.23 0.00	104.68 4.79 -0.01	106.05 5.41 -4.05	155.93 4.24 -82.23	193.77 5.38 -100.14	156.45 6.33 -47.95	136.73 5.70 -43.41	104.84 5.40 -12.35	94.53 5.50 -1.77	81.63 4.63 -1.09	75.73 4.35 0.00	88.03 3.99 -17.52	75.66 4.48 0.00	139.86 4.96 -56.21	148.67 5.76 -55.65	165.85 5.94 -72.56	142.76 5.35 -57.51	135.48 7.03 -18.52	123.37 6.53 -2.20	99.20 4.90 0.00	90.09 3.67 -11.46
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	107.59 5.32 -0.01	99.29 4.55 0.00	96.24 4.23 0.00	98.18 4.23 0.00	104.68 4.79 -0.01	106.05 5.41 -4.05	155.93 4.24 -82.23	193.77 5.38 -100.14	156.45 6.33 -47.95	136.73 5.70 -43.41	104.84 5.40 -12.35	94.53 5.50 -1.77	81.63 4.63 -1.09	75.73 4.35 0.00	88.03 3.99 -17.52	75.66 4.48 0.00	139.86 4.96 -56.21	148.67 5.76 -55.65	165.85 5.94 -72.56	142.76 5.35 -57.51	135.48 7.03 -18.52	123.37 6.53 -2.20	99.20 4.90 0.00	90.09 3.67 -11.46
WHITEHAL_115KV_TB1 80871	112.99 10.64 -0.09	104.22 9.47 0.00	101.20 9.20 0.00	103.53 9.58 0.00	110.55 10.59 -0.09	143.43 10.63 -36.22	183.52 6.60 -107.47	227.41 8.30 -130.87	174.64 9.81 -62.66	151.45 7.10 -56.72	110.02 6.79 -16.14	95.94 6.37 -2.31	82.50 5.16 -1.42	76.23 4.85 0.00	94.21 4.79 -22.90	76.80 5.62 0.00	159.23 7.08 -73.46	168.53 8.55 -72.72	190.82 8.65 -94.83	162.64 7.59 -75.16	144.24 10.11 -24.21	137.32 12.72 -9.96	104.20 9.90 0.00	147.68 7.50 -65.23
WHITEPLN_13_KV_LOAD 356215	109.02 6.75 -0.01	100.62 5.87 0.00	97.52 5.52 0.00	99.40 5.45 0.00	105.98 6.09 -0.01	107.65 6.86 -4.20	159.84 5.42 -84.97	198.69 6.97 -103.47	159.99 8.28 -49.54	139.92 7.45 -44.85	106.99 7.14 -12.76	96.24 7.16 -1.83	83.04 6.00 -1.12	77.02 5.64 0.00	89.81 5.19 -18.10	76.94 5.77 0.00	143.30 6.53 -58.08	152.44 7.68 -57.49	170.18 7.86 -74.97	146.35 7.03 -59.42	138.29 9.23 -19.14	125.74 8.83 -2.28	100.90 6.60 0.00	91.85 5.02 -11.87
WM_FLOYD_69_KV_BK2 356380	111.97 9.31 -0.40	102.99 8.24 0.00	100.97 8.00 -0.96	101.75 7.80 0.00	108.57 8.69 -0.01	128.74 9.56 -22.59	161.87 7.29 -85.12	201.43 9.53 -103.66	162.63 10.83 -49.63	141.93 9.38 -44.93	108.58 8.71 -12.79	97.73 8.64 -1.83	85.22 7.36 -1.94	81.00 6.99 -2.63	96.16 6.52 -23.12	118.19 7.62 -39.40	144.83 7.95 -58.18	180.78 9.77 -83.75	189.63 9.70 -92.59	156.03 8.95 -67.19	150.22 11.54 -28.76	133.75 11.00 -8.11	109.87 8.77 -6.80	100.39 6.82 -18.61
WOODARD__115KV_TB2 355635	99.91 -2.35 0.00	92.47 -2.27 0.00	89.80 -2.21 0.00	91.69 -2.25 0.00	97.48 -2.40 0.00	94.84 -1.84 -0.09	76.22 -0.90 -7.67	96.00 -1.59 -9.34	104.60 -2.04 -4.47	90.01 -1.66 -4.05	86.06 -2.18 -1.15	85.42 -2.01 -0.16	74.04 -1.97 -0.10	69.66 -1.71 0.00	66.56 -1.60 -1.63	69.54 -1.64 0.00	81.97 -1.97 -5.24	90.45 -2.01 -5.19	92.19 -1.92 -6.77	83.50 -1.76 -5.36	108.90 -2.75 -1.73	111.43 -3.21 0.00	91.47 -2.83 0.00	73.08 -2.47 -0.59
YORK___WARBASSE 23770	111.02 6.65 -2.11	106.99 5.59 -6.66	106.77 5.06 -9.71	106.88 4.98 -7.95	106.81 5.69 -1.24	107.08 6.28 -4.21	199.50 4.93 -125.11	279.47 6.44 -184.79	234.10 8.07 -123.86	223.28 7.27 -128.38	147.35 7.14 -53.12	131.73 7.24 -37.23	111.42 6.15 -29.36	106.11 5.71 -29.02	120.13 5.32 -48.28	113.92 5.98 -36.76	182.16 6.61 -96.86	217.16 7.68 -122.22	254.05 7.86 -158.84	208.57 7.03 -121.64	179.51 9.23 -60.35	159.40 8.48 -36.28	128.19 6.51 -27.39	93.20 5.10 -13.15