

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/10/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	76.35	75.14	74.88	75.21	76.95	86.62	116.43	174.77	163.92	137.17	122.53	107.68	109.98	107.61	111.60	127.19	160.58	173.76	189.03	173.33	165.90	143.12	125.21	118.50
24138	4.60	4.30	4.15	4.30	4.54	5.02	7.66	10.06	11.59	8.34	8.53	7.93	7.02	6.52	6.24	6.30	7.91	8.23	8.24	8.03	7.94	6.93	7.40	5.52
	-0.91	-0.37	-0.40	-0.36	-1.48	-2.02	-2.38	-30.65	-5.52	-30.65	-17.05	-8.60	-22.26	-26.11	-34.52	-49.37	-56.20	-68.69	-83.75	-68.56	-61.11	-50.60	-23.03	-32.91
74TH STREET_GT_1	76.21	74.93	74.60	75.00	76.66	86.38	116.10	174.37	163.92	137.08	122.24	107.40	109.75	107.39	111.33	126.99	160.31	173.49	188.77	173.16	165.91	143.14	125.30	118.59
24260	4.46	4.09	3.87	4.09	4.26	4.78	7.34	9.65	11.60	8.25	8.24	7.66	6.78	6.30	5.95	6.08	7.62	7.94	7.96	7.84	7.94	6.93	7.49	5.61
	-0.91	-0.37	-0.40	-0.36	-1.48	-2.02	-2.38	-30.66	-5.52	-30.65	-17.06	-8.59	-22.27	-26.12	-34.53	-49.38	-56.21	-68.71	-83.77	-68.58	-61.13	-50.61	-23.03	-32.91
74TH STREET_GT_2	76.21	74.93	74.60	75.00	76.66	86.38	116.10	174.37	163.92	137.08	122.24	107.40	109.75	107.39	111.33	126.99	160.31	173.49	188.77	173.16	165.91	143.14	125.30	118.59
24261	4.46	4.09	3.87	4.09	4.26	4.78	7.34	9.65	11.60	8.25	8.24	7.66	6.78	6.30	5.95	6.08	7.62	7.94	7.96	7.84	7.94	6.93	7.49	5.61
	-0.91	-0.37	-0.40	-0.36	-1.48	-2.02	-2.38	-30.66	-5.52	-30.65	-17.06	-8.59	-22.27	-26.12	-34.53	-49.38	-56.21	-68.71	-83.77	-68.58	-61.13	-50.61	-23.03	-32.91
ADK HUDSON___FALLS	86.50	80.35	80.47	80.40	92.53	107.57	116.80	181.34	181.08	143.35	124.94	104.41	113.60	112.18	118.23	137.50	172.86	189.25	208.27	189.52	179.49	154.37	129.90	127.91
24011	6.16	5.99	5.98	6.07	6.17	7.00	7.45	8.98	10.42	6.87	6.69	5.83	5.08	4.57	4.25	4.29	6.17	6.59	6.60	6.68	6.29	5.56	6.35	6.73
	-9.50	-3.89	-4.16	-3.79	-15.44	-20.97	-2.97	-38.29	-23.85	-38.29	-21.31	-7.42	-27.82	-32.63	-43.13	-61.68	-70.22	-85.82	-104.63	-86.10	-76.36	-63.22	-28.77	-41.11
ADK RESOURCE___RCVRY	86.77	80.65	80.77	80.71	92.97	107.93	117.12	181.63	181.62	143.57	125.05	104.50	113.71	112.28	118.26	137.62	173.10	189.50	208.64	189.78	179.74	154.59	130.02	128.26
23798	6.38	6.27	6.26	6.35	6.52	7.24	7.76	9.24	10.86	7.07	6.78	5.92	5.17	4.65	4.25	4.36	6.37	6.78	6.89	6.87	6.49	5.74	6.45	7.05
	-9.55	-3.91	-4.19	-3.81	-15.53	-21.10	-2.97	-38.32	-23.96	-38.32	-21.32	-7.42	-27.83	-32.65	-43.16	-61.73	-70.27	-85.89	-104.71	-86.16	-76.41	-63.27	-28.79	-41.14
ADK S GLENS___FALLS	86.50	80.35	80.47	80.40	92.53	107.57	116.80	181.34	181.08	143.35	124.94	104.41	113.60	112.18	118.23	137.50	172.86	189.25	208.27	189.52	179.49	154.37	129.90	127.91
24028	6.16	5.99	5.98	6.07	6.17	7.00	7.45	8.98	10.42	6.87	6.69	5.83	5.08	4.57	4.25	4.29	6.17	6.59	6.60	6.68	6.29	5.56	6.35	6.73
	-9.50	-3.89	-4.16	-3.79	-15.44	-20.97	-2.97	-38.29	-23.85	-38.29	-21.31	-7.42	-27.82	-32.63	-43.13	-61.68	-70.22	-85.82	-104.63	-86.10	-76.36	-63.22	-28.77	-41.11
ADK_NYS___DAM	82.51	77.99	77.95	78.00	86.76	100.00	117.24	180.84	176.27	143.03	125.18	105.53	113.70	112.19	117.89	136.55	171.54	187.30	205.69	187.24	177.87	153.25	129.77	125.63
23527	5.03	4.79	4.71	4.80	5.04	5.73	7.98	9.78	11.30	7.86	7.66	7.02	6.13	5.70	5.38	5.43	7.24	7.56	7.57	7.45	7.27	6.59	7.20	5.84
	-6.64	-2.72	-2.91	-2.65	-10.80	-14.67	-2.87	-36.99	-18.16	-36.99	-20.58	-7.36	-26.87	-31.52	-41.66	-59.58	-67.83	-82.90	-101.07	-83.05	-73.76	-61.07	-27.79	-39.71
AIR_PRODUCTS___DRP	78.40	75.04	74.96	75.07	81.49	93.21	113.30	174.87	164.56	138.67	121.05	101.84	110.53	109.32	115.06	133.58	167.60	182.99	201.40	182.80	173.73	149.33	125.94	122.50
24190	2.76	2.61	2.53	2.61	2.77	3.02	4.04	3.75	4.70	3.44	3.49	3.46	2.91	2.77	2.48	2.36	3.18	3.10	3.11	3.00	3.00	2.57	3.32	2.64
	-4.80	-1.97	-2.10	-1.91	-7.80	-10.60	-2.87	-37.06	-13.06	-37.05	-20.62	-7.23	-26.92	-31.57	-41.74	-59.69	-67.94	-83.05	-101.25	-83.06	-73.89	-61.18	-27.84	-39.78
AKWESSNE_115KV_BK	70.27	70.33	70.26	70.34	70.43	78.88	105.32	133.39	145.63	96.51	95.49	90.15	79.90	74.15	70.14	70.60	95.41	95.58	95.58	95.49	95.58	84.56	93.64	79.59
355683	-0.57	-0.14	-0.07	-0.21	-0.50	-0.72	-1.06	-0.67	-1.17	-1.67	-1.45	-1.00	-0.81	-0.82	-0.71	-0.93	-1.06	-1.26	-1.46	-1.26	-1.26	-1.03	-1.14	-0.48
	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	79.93	77.19	77.15	77.23	82.50	93.90	116.74	177.63	165.94	139.45	121.86	102.70	110.94	109.53	115.01	133.27	168.20	183.48	201.51	183.35	174.47	150.10	127.95	124.08
323833	5.24	5.14	5.13	5.15	5.32	5.81	7.55	7.50	8.22	5.20	4.85	4.65	4.03	3.82	3.54	3.65	5.59	5.81	5.92	5.80	5.71	4.96	6.07	5.28
	-3.85	-1.58	-1.69	-1.53	-6.26	-8.50	-2.80	-36.07	-10.92	-36.06	-20.07	-6.90	-26.20	-30.73	-40.62	-58.10	-66.13	-80.83	-98.55	-80.80	-71.92	-59.54	-27.10	-38.72
ALBANY_2_SOLAR	79.93	77.19	77.08	77.23	82.50	93.90	116.63	177.64	165.94	139.45	121.86	102.70	110.94	109.53	115.01	133.27	168.20	183.49	201.42	183.35	174.47	150.10	127.95	124.08
323834	5.24	5.14	5.07	5.15	5.32	5.81	7.44	7.50	8.22	5.20	4.85	4.65	4.03	3.82	3.54	3.65	5.59	5.81	5.82	5.80	5.71	4.96	6.07	5.28
	-3.85	-1.58	-1.69	-1.53	-6.26	-8.50	-2.80	-36.07	-10.92	-36.06	-20.07	-6.90	-26.20	-30.73	-40.62	-58.10	-66.13	-80.84	-98.55	-80.80	-71.92	-59.55	-27.10	-38.72
ALBANY___1	78.40	75.04	74.96	75.07	81.49	93.21	113.30	174.87	164.56	138.67	121.05	101.84	110.53	109.32	115.06	133.58	167.60	182.99	201.40	182.80	173.73	149.33	125.94	122.50
23571	2.76	2.61	2.53	2.61	2.77	3.02	4.04	3.75	4.70	3.44	3.49	3.46	2.91	2.77	2.48	2.36	3.18	3.10	3.11	3.00	3.00	2.57	3.32	2.64
	-4.80	-1.97	-2.10	-1.91	-7.80	-10.60	-2.87	-37.06	-13.06	-37.05	-20.62	-7.23	-26.92	-31.57	-41.74	-59.69	-67.94	-83.05	-101.25	-83.06	-73.89	-61.18	-27.84	-39.78

ALBANY___2 23572	78.40 2.76 -4.80	75.04 2.61 -1.97	74.96 2.53 -2.10	75.07 2.61 -1.91	81.49 2.77 -7.80	93.21 3.02 -10.60	113.30 4.04 -2.87	174.87 3.75 -37.06	164.56 4.70 -13.06	138.67 3.44 -37.05	121.05 3.49 -20.62	101.84 3.46 -7.23	110.53 2.91 -26.92	109.32 2.77 -31.57	115.06 2.48 -41.74	133.58 2.36 -59.69	167.60 3.18 -67.94	182.99 3.10 -83.05	201.40 3.11 -101.25	182.80 3.00 -83.06	173.73 3.00 -73.89	149.33 2.57 -61.18	125.94 3.32 -27.84	122.50 2.64 -39.78
ALBANY___3 23573	78.40 2.76 -4.80	75.04 2.61 -1.97	74.96 2.53 -2.10	75.07 2.61 -1.91	81.49 2.77 -7.80	93.21 3.02 -10.60	113.30 4.04 -2.87	174.87 3.75 -37.06	164.56 4.70 -13.06	138.67 3.44 -37.05	121.05 3.49 -20.62	101.84 3.46 -7.23	110.53 2.91 -26.92	109.32 2.77 -31.57	115.06 2.48 -41.74	133.58 2.36 -59.69	167.60 3.18 -67.94	182.99 3.10 -83.05	201.40 3.11 -101.25	182.80 3.00 -83.06	173.73 3.00 -73.89	149.33 2.57 -61.18	125.94 3.32 -27.84	122.50 2.64 -39.78
ALBANY___4 23574	78.40 2.76 -4.80	75.04 2.61 -1.97	74.96 2.53 -2.10	75.07 2.61 -1.91	81.49 2.77 -7.80	93.21 3.02 -10.60	113.30 4.04 -2.87	174.87 3.75 -37.06	164.56 4.70 -13.06	138.67 3.44 -37.05	121.05 3.49 -20.62	101.84 3.46 -7.23	110.53 2.91 -26.92	109.32 2.77 -31.57	115.06 2.48 -41.74	133.58 2.36 -59.69	167.60 3.18 -67.94	182.99 3.10 -83.05	201.40 3.11 -101.25	182.80 3.00 -83.06	173.73 3.00 -73.89	149.33 2.57 -61.18	125.94 3.32 -27.84	122.50 2.64 -39.78
ALBANY___LFGE 323615	80.38 3.33 -6.21	76.19 3.17 -2.55	76.22 3.17 -2.72	76.27 3.25 -2.48	84.35 3.33 -10.10	96.97 3.66 -13.72	114.29 5.00 -2.90	176.44 4.96 -37.41	169.63 6.02 -16.81	140.02 4.42 -37.41	122.13 4.37 -20.82	102.64 4.20 -7.29	111.52 3.64 -27.18	110.30 3.45 -31.88	116.10 3.11 -42.14	134.80 3.00 -60.27	169.12 4.05 -68.60	184.76 4.07 -83.85	203.25 3.98 -102.23	184.67 3.97 -83.96	175.32 3.88 -74.60	150.69 3.33 -61.77	126.96 4.07 -28.11	123.52 3.28 -40.17
ALCOA_PA_115KV_PL-6C 55860	70.55 -0.28 0.00	70.68 0.21 0.00	70.61 0.28 0.00	70.69 0.14 0.00	70.78 -0.14 0.00	79.27 -0.32 0.00	105.96 -0.43 0.00	134.20 0.13 0.00	146.36 -0.44 0.00	97.00 -1.18 0.00	95.98 -0.97 0.00	90.52 -0.64 0.00	80.38 -0.32 0.00	74.53 -0.45 0.00	70.56 -0.28 0.00	70.96 -0.57 0.00	95.80 -0.68 0.00	96.07 -0.77 0.00	96.17 -0.87 0.00	95.87 -0.87 0.00	95.97 -0.87 0.00	84.99 -0.60 0.00	94.31 -0.47 0.00	80.23 0.16 0.00
ALCOA_RYNLDS___DRP 24188	70.55 -0.28 0.00	70.68 0.21 0.00	70.61 0.28 0.00	70.69 0.14 0.00	70.78 -0.14 0.00	79.27 -0.32 0.00	105.96 -0.43 0.00	134.20 0.13 0.00	146.36 -0.44 0.00	97.00 -1.18 0.00	95.98 -0.97 0.00	90.52 -0.64 0.00	80.38 -0.32 0.00	74.53 -0.45 0.00	70.56 -0.28 0.00	70.96 -0.57 0.00	95.80 -0.68 0.00	96.07 -0.77 0.00	96.17 -0.87 0.00	95.87 -0.87 0.00	95.97 -0.87 0.00	84.99 -0.60 0.00	94.31 -0.47 0.00	80.23 0.16 0.00
ALCOA___DSASP 323711	70.55 -0.28 0.00	70.68 0.21 0.00	70.61 0.28 0.00	70.69 0.14 0.00	70.50 -0.42 0.00	79.27 -0.32 0.00	105.96 -0.42 0.00	134.20 0.13 0.00	146.37 -0.44 0.00	96.02 -2.16 0.00	95.98 -0.97 0.00	90.52 -0.63 0.00	80.38 -0.32 0.00	74.53 -0.45 0.00	70.56 -0.28 0.00	70.95 -0.57 0.00	95.90 -0.58 0.00	96.06 -0.78 0.00	96.17 -0.88 0.00	95.87 -0.87 0.00	95.97 -0.87 0.00	84.99 -0.59 0.00	94.31 -0.47 0.00	80.23 0.16 0.00
ALLEGHENY___COGEN 23514	69.49 -1.35 0.00	68.57 -1.90 0.00	68.22 -2.11 0.00	68.71 -1.83 0.00	70.00 -0.92 0.00	78.72 -0.87 0.00	104.18 -2.66 -0.45	130.47 -4.96 -1.37	140.73 -7.19 -1.12	100.62 -3.34 -5.77	95.51 -4.65 -3.21	86.63 -5.56 -1.04	80.14 -4.76 -4.19	75.70 -4.20 -4.92	73.17 -4.18 -6.50	77.33 -3.50 -9.30	96.88 -4.05 -4.46	107.07 -2.71 -12.94	110.49 -2.33 -15.78	101.55 -2.90 -7.70	101.06 -2.81 -7.03	92.21 -2.91 -9.53	96.08 -3.04 -4.34	84.35 -1.92 -6.20
ALTAMONT_115KV_TB 2 55880	77.23 2.69 -3.71	74.52 2.54 -1.52	74.42 2.46 -1.62	74.56 2.54 -1.48	79.64 2.70 -6.02	90.80 3.02 -8.18	113.40 4.15 -2.87	175.90 4.83 -37.01	163.83 5.73 -11.30	139.11 3.93 -37.00	121.41 3.88 -20.59	101.98 3.65 -7.18	110.73 3.15 -26.88	109.50 3.00 -31.53	115.29 2.76 -41.68	133.92 2.79 -59.61	168.09 3.76 -67.85	183.55 3.78 -82.93	202.03 3.88 -101.11	183.42 3.77 -82.90	174.40 3.78 -73.79	150.02 3.34 -61.09	126.37 3.79 -27.80	122.84 3.04 -39.73
ALTONA_WT_PWR 323606	70.20 -0.64 0.00	70.26 -0.21 0.00	70.12 -0.21 0.00	70.27 -0.28 0.00	70.14 -0.78 0.00	79.04 -0.55 0.00	104.68 -1.71 0.00	132.86 -1.21 0.00	145.19 -1.61 0.00	96.31 -1.87 0.00	95.79 -1.16 0.00	90.42 -0.73 0.00	80.14 -0.56 0.00	74.08 -0.90 0.00	69.79 -1.06 0.00	70.46 -1.07 0.00	95.60 -0.87 0.00	96.17 -0.67 0.00	96.26 -0.78 0.00	95.87 -0.87 0.00	95.87 -0.97 0.00	84.57 -1.02 0.00	93.45 -1.33 0.00	79.83 -0.24 0.00
AMERICAN_REF_FUEL 24010	65.52 -5.31 0.00	64.41 -6.06 0.00	64.21 -6.12 0.00	64.69 -5.85 0.00	66.10 -4.83 0.00	73.54 -6.05 0.00	95.09 -11.70 -0.41	118.73 -17.83 -2.50	127.11 -20.69 -1.00	93.70 -9.72 -5.24	89.20 -10.66 -2.92	81.52 -10.57 -0.94	74.99 -9.52 -3.81	71.05 -8.40 -4.47	68.32 -8.43 -5.91	71.53 -8.44 -8.45	89.53 -12.74 -5.79	96.29 -12.30 -11.75	99.33 -12.04 -14.33	92.35 -12.87 -8.47	91.71 -12.78 -7.66	83.55 -10.70 -8.66	87.63 -11.09 -3.94	77.94 -7.77 -5.63
ARKWRIGHT___SUMMIT_WT_PWR 323751	68.99 -1.84 0.00	67.86 -2.61 0.00	67.80 -2.53 0.00	68.29 -2.26 0.00	69.72 -1.21 0.00	78.00 -1.59 0.00	100.02 -6.81 -0.45	125.02 -11.40 -2.35	136.75 -11.16 -1.11	99.42 -4.51 -5.75	94.33 -5.81 -3.20	85.72 -6.47 -1.03	78.83 -6.05 -4.18	74.55 -5.32 -4.90	71.59 -5.74 -6.47	75.14 -5.65 -9.26	93.61 -8.68 -5.82	101.97 -7.75 -12.88	105.37 -7.38 -15.71	97.36 -8.22 -8.84	96.71 -8.13 -8.01	88.23 -6.85 -9.49	91.89 -7.21 -4.32	81.68 -4.56 -6.17
ARTHUR KILL_GT_1 23520	75.57 3.82 -0.91	74.30 3.45 -0.37	73.97 3.24 -0.40	74.30 3.39 -0.36	76.02 3.62 -1.48	85.35 3.74 -2.02	114.93 6.17 -2.38	173.17 8.45 -30.66	168.30 10.58 -10.92	139.65 7.66 -33.80	121.47 7.47 -17.06	64.70 6.92 33.38	64.65 6.13 22.18	64.54 5.70 16.13	110.83 5.46 -34.53	126.50 5.58 -49.39	159.88 7.14 -56.27	172.82 7.27 -68.71	188.29 7.47 -83.77	172.59 7.26 -68.59	165.78 7.75 -61.19	170.97 6.85 -78.53	131.16 7.01 -29.37	173.67 5.28 -88.31
ARTHUR_KILL_2 23512	75.36 3.61 -0.91	74.09 3.24 -0.37	73.75 3.02 -0.40	74.09 3.18 -0.36	75.81 3.40 -1.48	85.11 3.50 -2.02	114.61 5.85 -2.38	172.77 8.04 -30.66	167.71 9.99 -10.92	139.35 7.37 -33.80	121.18 7.17 -17.06	64.42 6.65 33.38	64.41 5.89 22.18	64.32 5.47 16.13	110.62 5.24 -34.53	126.28 5.37 -49.39	159.59 6.85 -56.27	172.53 6.98 -68.71	187.99 7.18 -83.77	172.30 6.97 -68.59	165.49 7.46 -61.19	170.71 6.59 -78.53	130.88 6.73 -29.37	173.43 5.05 -88.31
ARTHUR_KILL_3 23513	64.24 3.54 10.14	64.24 3.31 9.54	64.24 3.09 9.18	64.24 3.32 9.62	64.24 3.47 10.16	64.24 3.82 19.17	69.98 6.06 42.47	99.24 8.04 42.87	99.24 9.69 57.25	77.84 7.07 27.42	68.04 6.98 35.89	64.24 6.47 33.39	64.24 5.73 22.20	64.24 5.40 16.14	64.65 5.10 11.30	65.64 5.15 11.04	65.24 6.46 37.70	69.22 6.68 34.30	80.22 6.79 23.61	69.22 6.58 34.11	69.22 6.68 34.30	69.22 5.90 22.27	72.93 6.25 28.10	172.93 4.56 -88.30

ARTHUR_KILL_COGEN 323718	75.57 3.82 -0.91	74.30 3.45 -0.37	73.97 3.24 -0.40	74.30 3.39 -0.36	76.02 3.62 -1.48	85.35 3.74 -2.02	114.93 6.17 -2.38	173.17 8.45 -30.66	168.30 10.58 -10.92	139.65 7.66 -33.80	121.47 7.47 -17.06	64.70 6.92 33.38	64.65 6.13 22.18	64.54 5.70 16.13	110.83 5.46 -34.53	126.50 5.58 -49.39	159.88 7.14 -56.27	172.82 7.27 -68.71	188.29 7.47 -83.77	172.59 7.26 -68.59	165.78 7.75 -61.19	170.97 6.85 -78.53	131.16 7.01 -29.37	173.67 5.28 -88.31
ASHOKAN____ 23654	75.53 1.91 -2.78	73.58 1.97 -1.14	73.31 1.76 -1.22	73.56 1.91 -1.11	77.70 2.27 -4.51	88.51 2.78 -6.13	113.47 4.47 -2.62	171.44 3.62 -33.76	159.20 3.52 -8.88	134.00 2.07 -33.75	117.27 1.55 -18.78	98.50 1.28 -6.07	106.35 1.13 -24.52	105.01 1.27 -28.76	110.21 1.34 -38.02	127.55 1.65 -54.37	161.06 2.70 -61.89	175.79 3.29 -75.65	192.96 3.69 -92.23	175.81 3.48 -75.58	167.53 3.39 -67.31	143.88 2.57 -55.73	123.26 3.12 -25.36	118.47 2.16 -36.24
ASTORIA_EAST_ENERGY_CC1 323581	76.22 4.47 -0.91	74.86 4.01 -0.37	74.60 3.87 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.65	162.89 10.58 -5.51	136.49 7.66 -30.65	121.95 7.95 -17.06	107.22 7.48 -8.59	109.59 6.62 -22.27	107.25 6.15 -26.12	111.19 5.81 -34.53	126.70 5.79 -49.39	159.63 6.95 -56.21	172.61 7.07 -68.70	187.99 7.18 -83.76	172.29 6.97 -68.58	165.33 7.36 -61.13	142.97 6.76 -50.62	125.30 7.49 -23.03	118.59 5.60 -32.92
ASTORIA_EAST_ENERGY_CC2 323582	76.29 4.54 -0.91	74.93 4.09 -0.37	74.60 3.87 -0.40	74.93 4.02 -0.36	76.59 4.18 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.65	162.89 10.58 -5.51	136.49 7.66 -30.65	121.95 7.95 -17.06	107.22 7.48 -8.59	109.59 6.62 -22.27	107.25 6.15 -26.12	111.26 5.88 -34.53	126.70 5.79 -49.39	159.63 6.95 -56.21	172.61 7.07 -68.70	187.99 7.18 -83.76	172.29 6.97 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.59 -23.03	118.59 5.60 -32.92
ASTORIA_GT2_1 24094	76.28 4.53 -0.91	74.86 4.02 -0.37	74.46 3.73 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	122.05 8.05 -17.06	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	159.73 7.04 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.58 -23.03	118.75 5.77 -32.91
ASTORIA_GT2_2 24095	76.28 4.53 -0.91	74.86 4.02 -0.37	74.46 3.73 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	122.05 8.05 -17.06	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	159.73 7.04 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.58 -23.03	118.75 5.77 -32.91
ASTORIA_GT2_3 24096	76.28 4.53 -0.91	74.86 4.02 -0.37	74.46 3.73 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	122.05 8.05 -17.06	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	159.73 7.04 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.58 -23.03	118.75 5.77 -32.91
ASTORIA_GT2_4 24097	76.28 4.53 -0.91	74.86 4.02 -0.37	74.46 3.73 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	122.05 8.05 -17.06	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	159.73 7.04 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.58 -23.03	118.75 5.77 -32.91
ASTORIA_GT3_1 24098	76.28 4.53 -0.91	74.86 4.02 -0.37	74.46 3.73 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	122.05 8.05 -17.06	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	159.73 7.04 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.58 -23.03	118.75 5.77 -32.91
ASTORIA_GT3_2 24099	76.28 4.53 -0.91	74.86 4.02 -0.37	74.46 3.73 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	122.05 8.05 -17.06	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	159.73 7.04 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.58 -23.03	118.75 5.77 -32.91
ASTORIA_GT3_3 24100	76.28 4.53 -0.91	74.86 4.02 -0.37	74.46 3.73 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	122.05 8.05 -17.06	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	159.73 7.04 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.58 -23.03	118.75 5.77 -32.91
ASTORIA_GT3_4 24101	76.28 4.53 -0.91	74.86 4.02 -0.37	74.46 3.73 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	122.05 8.05 -17.06	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	159.73 7.04 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.58 -23.03	118.75 5.77 -32.91
ASTORIA_GT4_1 24102	76.28 4.53 -0.91	74.86 4.02 -0.37	74.46 3.73 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	122.05 8.05 -17.06	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	159.73 7.04 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.58 -23.03	118.75 5.77 -32.91
ASTORIA_GT4_2 24103	76.28 4.53 -0.91	74.86 4.02 -0.37	74.46 3.73 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	122.05 8.05 -17.06	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	159.73 7.04 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.58 -23.03	118.75 5.77 -32.91
ASTORIA_GT4_3 24104	76.28 4.53 -0.91	74.86 4.02 -0.37	74.46 3.73 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	122.05 8.05 -17.06	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	159.73 7.04 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.58 -23.03	118.75 5.77 -32.91

ASTORIA_GT4_4 24105	76.28 4.53 -0.91	74.86 4.02 -0.37	74.46 3.73 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	122.05 8.05 -17.06	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	159.73 7.04 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.58 -23.03	118.75 5.77 -32.91
ASTORIA_GT_1 23523	76.42 4.67 -0.91	75.07 4.23 -0.37	74.74 4.01 -0.40	75.07 4.16 -0.36	76.73 4.33 -1.48	85.74 4.14 -2.02	115.36 6.60 -2.38	173.42 8.71 -30.65	163.18 10.86 -5.51	136.78 7.95 -30.65	122.24 8.24 -17.06	107.49 7.74 -8.59	109.83 6.86 -22.27	107.47 6.37 -26.12	111.40 6.02 -34.53	126.92 6.01 -49.39	159.92 7.24 -56.21	172.81 7.27 -68.70	188.28 7.47 -83.76	172.58 7.26 -68.58	165.62 7.65 -61.13	143.23 7.02 -50.62	125.59 7.77 -23.03	118.76 5.77 -32.92
ASTORIA_GT_10 24110	76.00 4.25 -0.91	74.65 3.81 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.38 3.97 -1.48	85.83 4.22 -2.02	115.46 6.70 -2.38	173.70 8.98 -30.66	163.48 11.16 -5.52	136.79 7.95 -30.65	121.95 7.95 -17.06	107.13 7.38 -8.59	109.51 6.54 -22.27	107.17 6.07 -26.12	111.12 5.74 -34.53	126.70 5.79 -49.38	160.02 7.33 -56.21	173.10 7.55 -68.71	188.38 7.57 -83.77	172.78 7.45 -68.58	165.62 7.65 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.51 5.52 -32.91
ASTORIA_GT_11 24225	76.00 4.25 -0.91	74.65 3.81 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.38 3.97 -1.48	85.83 4.22 -2.02	115.46 6.70 -2.38	173.70 8.98 -30.66	163.48 11.16 -5.52	136.79 7.95 -30.65	121.95 7.95 -17.06	107.13 7.38 -8.59	109.51 6.54 -22.27	107.17 6.07 -26.12	111.12 5.74 -34.53	126.70 5.79 -49.38	160.02 7.33 -56.21	173.10 7.55 -68.71	188.38 7.57 -83.77	172.78 7.45 -68.58	165.62 7.65 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.51 5.52 -32.91
ASTORIA_GT_12 24226	76.00 4.25 -0.91	74.65 3.81 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.38 3.97 -1.48	85.83 4.22 -2.02	115.46 6.70 -2.38	173.70 8.98 -30.66	163.48 11.16 -5.52	136.79 7.95 -30.65	121.95 7.95 -17.06	107.13 7.38 -8.59	109.51 6.54 -22.27	107.17 6.07 -26.12	111.12 5.74 -34.53	126.70 5.79 -49.38	160.02 7.33 -56.21	173.10 7.55 -68.71	188.38 7.57 -83.77	172.78 7.45 -68.58	165.62 7.65 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.51 5.52 -32.91
ASTORIA_GT_13 24227	76.00 4.25 -0.91	74.65 3.81 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.38 3.97 -1.48	85.83 4.22 -2.02	115.46 6.70 -2.38	173.70 8.98 -30.66	163.48 11.16 -5.52	136.79 7.95 -30.65	121.95 7.95 -17.06	107.13 7.38 -8.59	109.51 6.54 -22.27	107.17 6.07 -26.12	111.12 5.74 -34.53	126.70 5.79 -49.38	160.02 7.33 -56.21	173.10 7.55 -68.71	188.38 7.57 -83.77	172.78 7.45 -68.58	165.62 7.65 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.51 5.52 -32.91
ASTORIA_GT_5 24106	76.43 4.68 -0.91	75.00 4.16 -0.37	74.60 3.87 -0.40	74.93 4.02 -0.36	76.66 4.26 -1.48	85.75 4.14 -2.02	115.36 6.60 -2.38	173.44 8.71 -30.66	163.33 11.01 -5.52	136.79 7.95 -30.65	122.24 8.24 -17.06	107.49 7.75 -8.59	109.83 6.86 -22.27	107.47 6.37 -26.12	111.40 6.02 -34.53	126.92 6.01 -49.38	159.92 7.24 -56.21	172.81 7.26 -68.71	188.28 7.47 -83.77	172.58 7.26 -68.58	165.62 7.65 -61.13	143.23 7.02 -50.62	125.59 7.77 -23.03	118.91 5.93 -32.91
ASTORIA_GT_7 24107	76.43 4.68 -0.91	75.00 4.16 -0.37	74.60 3.87 -0.40	74.93 4.02 -0.36	76.66 4.26 -1.48	85.75 4.14 -2.02	115.36 6.60 -2.38	173.44 8.71 -30.66	163.33 11.01 -5.52	136.79 7.95 -30.65	122.24 8.24 -17.06	107.49 7.75 -8.59	109.83 6.86 -22.27	107.47 6.37 -26.12	111.40 6.02 -34.53	126.92 6.01 -49.38	159.92 7.24 -56.21	172.81 7.26 -68.71	188.28 7.47 -83.77	172.58 7.26 -68.58	165.62 7.65 -61.13	143.23 7.02 -50.62	125.59 7.77 -23.03	118.91 5.93 -32.91
ASTORIA_GT_8 24108	76.43 4.68 -0.91	75.00 4.16 -0.37	74.60 3.87 -0.40	74.93 4.02 -0.36	76.66 4.26 -1.48	85.75 4.14 -2.02	115.36 6.60 -2.38	173.44 8.71 -30.66	163.33 11.01 -5.52	136.79 7.95 -30.65	122.24 8.24 -17.06	107.49 7.75 -8.59	109.83 6.86 -22.27	107.47 6.37 -26.12	111.40 6.02 -34.53	126.92 6.01 -49.38	159.92 7.24 -56.21	172.81 7.26 -68.71	188.28 7.47 -83.77	172.58 7.26 -68.58	165.62 7.65 -61.13	143.23 7.02 -50.62	125.59 7.77 -23.03	118.91 5.93 -32.91
ASTORIA___2 24149	76.29 4.54 -0.91	74.93 4.09 -0.37	74.60 3.87 -0.40	74.93 4.02 -0.36	76.59 4.18 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.65	162.89 10.58 -5.51	136.58 7.75 -30.65	122.04 8.04 -17.06	107.31 7.56 -8.59	109.67 6.69 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.39	159.63 6.95 -56.21	172.61 7.07 -68.70	188.09 7.28 -83.76	172.38 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.40 7.59 -23.03	118.59 5.60 -32.92
ASTORIA___3 23516	76.00 4.25 -0.91	74.72 3.87 -0.37	74.38 3.65 -0.40	74.79 3.88 -0.36	76.45 4.04 -1.48	85.82 4.22 -2.02	115.47 6.71 -2.38	173.71 8.98 -30.66	163.34 11.02 -5.52	136.89 8.05 -30.66	121.95 7.95 -17.06	107.12 7.38 -8.59	109.51 6.53 -22.27	107.17 6.07 -26.12	111.19 5.81 -34.53	126.70 5.79 -49.39	160.02 7.33 -56.22	173.11 7.56 -68.71	188.39 7.57 -83.77	172.78 7.45 -68.59	165.62 7.65 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.35 5.37 -32.92
ASTORIA___4 23517	76.00 4.25 -0.91	74.65 3.81 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.38 3.97 -1.48	85.83 4.22 -2.02	115.46 6.70 -2.38	173.70 8.98 -30.66	163.48 11.16 -5.52	136.79 7.95 -30.65	121.95 7.95 -17.06	107.13 7.38 -8.59	109.51 6.54 -22.27	107.17 6.07 -26.12	111.12 5.74 -34.53	126.70 5.79 -49.38	160.02 7.33 -56.21	173.10 7.55 -68.71	188.38 7.57 -83.77	172.78 7.45 -68.58	165.62 7.65 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.51 5.52 -32.91
ASTORIA___5 23518	76.00 4.25 -0.91	74.72 3.87 -0.37	74.38 3.65 -0.40	74.79 3.88 -0.36	76.45 4.04 -1.48	85.82 4.22 -2.02	115.47 6.71 -2.38	173.71 8.98 -30.66	163.34 11.02 -5.52	136.89 8.05 -30.66	121.95 7.95 -17.06	107.12 7.38 -8.59	109.51 6.53 -22.27	107.17 6.07 -26.12	111.19 5.81 -34.53	126.70 5.79 -49.39	160.02 7.33 -56.22	173.11 7.56 -68.71	188.39 7.57 -83.77	172.78 7.45 -68.59	165.62 7.65 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.35 5.37 -32.92
AST_ENERGY_2_CC3 323677	75.64 3.89 -0.91	74.51 3.66 -0.37	74.18 3.45 -0.40	74.58 3.67 -0.36	76.23 3.83 -1.48	85.74 4.14 -2.02	115.36 6.60 -2.38	173.31 8.59 -30.66	162.60 10.27 -5.52	136.29 7.46 -30.65	121.47 7.47 -17.06	106.67 6.92 -8.59	109.10 6.13 -22.27	106.79 5.70 -26.12	110.76 5.38 -34.53	126.34 5.43 -49.38	159.42 6.75 -56.19	166.51 6.98 -62.69	177.51 7.08 -73.39	166.51 6.87 -62.90	164.93 6.98 -61.12	142.37 6.17 -50.61	124.44 6.63 -23.02	117.78 4.80 -32.90
AST_ENERGY_2_CC4 323678	75.64 3.89 -0.91	74.51 3.66 -0.37	74.18 3.45 -0.40	74.58 3.67 -0.36	76.23 3.83 -1.48	85.74 4.14 -2.02	115.36 6.60 -2.38	173.31 8.59 -30.66	162.60 10.27 -5.52	136.29 7.46 -30.65	121.47 7.47 -17.06	106.67 6.92 -8.59	109.10 6.13 -22.27	106.79 5.70 -26.12	110.76 5.38 -34.53	126.34 5.43 -49.38	159.42 6.75 -56.19	166.51 6.98 -62.69	177.51 7.08 -73.39	166.51 6.87 -62.90	164.93 6.98 -61.12	142.37 6.17 -50.61	124.44 6.63 -23.02	117.78 4.80 -32.90

ATHENS_STG_1 23668	74.36 2.84 -0.68	73.43 2.68 -0.28	73.23 2.60 -0.30	73.50 2.68 -0.27	74.88 2.84 -1.11	84.29 3.19 -1.51	113.54 4.57 -2.58	172.84 5.50 -33.27	158.77 6.61 -5.35	136.26 4.81 -33.27	120.11 4.65 -18.51	102.02 4.29 -6.59	108.67 3.79 -24.17	106.85 3.52 -28.35	111.65 3.33 -37.48	128.48 3.36 -53.59	161.82 4.35 -61.01	175.87 4.46 -74.57	192.52 4.56 -90.91	175.61 4.45 -74.41	167.64 4.46 -66.34	144.46 3.94 -54.93	124.14 4.36 -25.00	119.16 3.36 -35.72
ATHENS_STG_2 23670	74.36 2.84 -0.68	73.43 2.68 -0.28	73.23 2.60 -0.30	73.50 2.68 -0.27	74.88 2.84 -1.11	84.29 3.19 -1.51	113.54 4.57 -2.58	172.84 5.50 -33.27	158.77 6.61 -5.35	136.26 4.81 -33.27	120.11 4.65 -18.51	102.02 4.29 -6.59	108.67 3.79 -24.17	106.85 3.52 -28.35	111.65 3.33 -37.48	128.48 3.36 -53.59	161.82 4.35 -61.01	175.87 4.46 -74.57	192.52 4.56 -90.91	175.61 4.45 -74.41	167.64 4.46 -66.34	144.46 3.94 -54.93	124.14 4.36 -25.00	119.16 3.36 -35.72
ATHENS_STG_3 23677	74.36 2.84 -0.68	73.43 2.68 -0.28	73.23 2.60 -0.30	73.50 2.68 -0.27	74.88 2.84 -1.11	84.29 3.19 -1.51	113.54 4.57 -2.58	172.84 5.50 -33.27	158.77 6.61 -5.35	136.26 4.81 -33.27	120.11 4.65 -18.51	102.02 4.29 -6.59	108.67 3.79 -24.17	106.85 3.52 -28.35	111.65 3.33 -37.48	128.48 3.36 -53.59	161.82 4.35 -61.01	175.87 4.46 -74.57	192.52 4.56 -90.91	175.61 4.45 -74.41	167.64 4.46 -66.34	144.46 3.94 -54.93	124.14 4.36 -25.00	119.16 3.36 -35.72
AUBURN____LFGE 323710	70.41 -0.43 0.00	69.62 -0.85 0.00	69.42 -0.91 0.00	69.77 -0.78 0.00	70.50 -0.43 0.00	79.35 -0.24 0.00	106.09 -0.64 -0.34	138.51 -1.07 -5.52	146.20 -1.47 -0.86	102.50 -0.10 -4.42	99.01 -0.39 -2.46	91.04 -0.91 -0.79	83.11 -0.81 -3.21	78.06 -0.67 -3.76	75.11 -0.71 -4.97	78.14 -0.50 -7.11	105.42 -0.68 -9.63	106.35 -0.39 -9.90	109.11 0.00 -12.07	107.64 -0.29 -11.18	106.47 -0.29 -9.92	92.28 -0.60 -7.29	97.34 -0.76 -3.32	84.09 -0.72 -4.74
BABYLON_RES_REC 323704	106.57 6.02 -29.72	100.10 5.64 -23.99	91.24 5.49 -15.42	92.93 5.65 -16.74	91.16 5.88 -14.35	97.04 6.60 -10.84	146.27 9.78 -30.10	176.91 12.20 -30.64	165.98 13.66 -5.52	138.45 9.63 -30.64	123.50 9.51 -17.05	108.42 8.66 -8.61	110.63 7.67 -22.25	108.35 7.27 -26.10	112.30 6.95 -34.51	137.61 7.37 -58.72	161.92 9.26 -56.18	209.02 9.78 -102.40	207.58 9.80 -100.75	197.98 9.58 -91.66	171.97 9.68 -65.44	152.59 8.56 -58.45	140.10 9.29 -36.03	136.68 7.21 -49.39
BABYLON__69_KV_BK2 356345	107.50 6.94 -29.72	100.94 6.48 -23.99	92.01 6.26 -15.42	93.71 6.42 -16.74	91.94 6.67 -14.35	98.08 7.64 -10.84	147.76 11.28 -30.10	178.52 13.81 -30.65	168.19 15.85 -5.53	139.71 10.90 -30.63	124.56 10.57 -17.05	109.42 9.66 -8.61	111.51 8.55 -22.25	109.18 8.10 -26.10	113.15 7.79 -34.51	138.54 8.30 -58.72	163.18 10.52 -56.19	212.96 11.04 -105.08	211.21 11.06 -103.10	200.83 10.84 -93.25	178.15 11.04 -70.27	153.71 9.67 -58.45	141.33 10.52 -36.03	137.79 8.33 -49.39
BALL_HILL_WT_PWR 323825	68.15 -2.69 0.00	67.09 -3.38 0.00	66.96 -3.37 0.00	67.37 -3.17 0.00	68.80 -2.13 0.00	76.80 -2.79 0.00	98.52 -8.30 -0.43	123.06 -13.41 -2.40	134.23 -13.65 -1.07	97.57 -6.18 -5.57	92.67 -7.37 -3.10	84.41 -7.75 -1.00	77.73 -7.02 -4.04	73.65 -6.07 -4.74	70.74 -6.38 -6.27	74.20 -6.29 -8.97	92.62 -9.65 -5.80	100.41 -8.91 -12.48	103.71 -8.54 -15.21	96.06 -9.38 -8.70	95.42 -9.30 -7.88	86.99 -7.79 -9.19	90.81 -8.15 -4.18	80.60 -5.45 -5.98
BARON_WINDS__WT_PWR 323822	69.26 -1.84 -0.27	68.18 -2.40 -0.11	68.05 -2.39 -0.12	68.54 -2.11 -0.11	70.00 -1.35 -0.43	78.43 -1.75 -0.59	101.73 -5.21 -0.55	127.69 -8.04 -1.67	139.85 -8.36 -1.41	101.12 -4.22 -7.16	95.69 -5.24 -3.98	86.79 -5.65 -1.29	80.90 -5.00 -5.20	76.58 -4.50 -6.10	74.31 -4.60 -8.06	78.62 -4.43 -11.53	95.88 -6.07 -5.49	107.56 -5.33 -16.04	111.66 -4.95 -19.56	100.75 -5.51 -9.51	100.11 -5.42 -8.69	92.62 -4.79 -11.82	95.04 -5.12 -5.38	84.08 -3.68 -7.69
BARRETT_IC_1 23704	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39
BARRETT_IC_10 23701	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39
BARRETT_IC_11 23702	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39
BARRETT_IC_12 23703	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39
BARRETT_IC_2 23705	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39
BARRETT_IC_3 23706	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39
BARRETT_IC_4 23707	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39

BARRETT_IC_5 23708	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39
BARRETT_IC_6 23709	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39
BARRETT_IC_7 23710	105.44 4.89 -29.72	99.04 4.58 -23.99	90.25 4.50 -15.42	91.94 4.66 -16.74	90.17 4.89 -14.35	95.85 5.41 -10.84	144.25 7.77 -30.10	174.62 9.92 -30.64	163.62 11.30 -5.52	136.87 8.05 -30.63	122.04 8.05 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.04 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.04 -63.18	151.13 7.10 -58.44	138.39 7.58 -36.03	135.31 5.85 -49.39
BARRETT_IC_8 23711	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39
BARRETT_IC_9 23700	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39
BARRETT___1 23545	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39
BARRETT___2 23546	105.44 4.88 -29.72	99.11 4.65 -23.99	90.32 4.57 -15.42	92.02 4.73 -16.74	90.24 4.96 -14.35	95.77 5.33 -10.84	144.25 7.76 -30.10	174.62 9.92 -30.64	163.47 11.15 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.74 6.78 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.25 6.01 -58.72	160.27 7.62 -56.18	206.02 8.03 -101.14	204.83 8.15 -99.64	195.59 7.93 -90.91	168.06 8.03 -63.18	151.13 7.10 -58.44	138.39 7.59 -36.03	135.23 5.77 -49.39
BATAVIA__115KV_TB1 55881	68.43 -2.41 0.00	67.37 -3.10 0.00	67.09 -3.24 0.00	67.58 -2.96 0.00	68.37 -2.55 0.00	77.04 -2.55 0.00	100.81 -5.96 -0.38	126.39 -10.19 -2.52	135.26 -12.48 -0.93	97.38 -5.69 -4.89	93.85 -5.82 -2.72	85.74 -6.29 -0.88	78.61 -5.65 -3.55	74.27 -4.87 -4.17	71.26 -5.10 -5.51	74.55 -4.86 -7.88	94.89 -7.24 -5.65	101.22 -6.59 -10.97	104.20 -6.21 -13.37	97.71 -7.16 -8.12	97.10 -7.07 -7.33	87.68 -5.99 -8.08	92.30 -6.16 -3.68	81.40 -3.92 -5.25
BAYONEEC___CTG1 323682	70.69 3.96 4.11	69.99 3.66 4.14	69.82 3.45 3.96	70.03 3.67 4.18	70.94 3.83 3.81	76.18 4.22 7.62	94.96 6.60 18.03	139.85 8.59 2.80	131.64 10.42 25.59	108.49 7.56 -2.75	97.48 7.57 7.03	87.57 6.92 10.51	88.87 6.13 -2.04	87.64 5.77 -6.89	89.98 5.46 -13.68	98.92 5.51 -21.89	87.39 6.85 15.93	90.28 7.07 13.62	103.79 7.18 0.43	90.11 6.97 13.60	86.20 7.07 17.71	96.08 6.24 -4.25	98.29 6.73 3.22	117.01 4.97 -31.97
BAYONEEC___CTG10 323750	70.69 3.96 4.11	69.99 3.66 4.14	69.82 3.45 3.96	70.03 3.67 4.18	70.94 3.83 3.81	76.18 4.22 7.62	94.96 6.60 18.03	139.85 8.59 2.80	131.64 10.42 25.59	108.49 7.56 -2.75	97.48 7.57 7.03	87.57 6.92 10.51	88.87 6.13 -2.04	87.64 5.77 -6.89	89.98 5.46 -13.68	98.92 5.51 -21.89	87.39 6.85 15.93	90.28 7.07 13.62	103.79 7.18 0.43	90.11 6.97 13.60	86.20 7.07 17.71	96.08 6.24 -4.25	98.29 6.73 3.22	117.01 4.97 -31.97
BAYONEEC___CTG2 323683	70.69 3.96 4.11	69.99 3.66 4.14	69.82 3.45 3.96	70.03 3.67 4.18	70.94 3.83 3.81	76.18 4.22 7.62	94.96 6.60 18.03	139.85 8.59 2.80	131.64 10.42 25.59	108.49 7.56 -2.75	97.48 7.57 7.03	87.57 6.92 10.51	88.87 6.13 -2.04	87.64 5.77 -6.89	89.98 5.46 -13.68	98.92 5.51 -21.89	87.39 6.85 15.93	90.28 7.07 13.62	103.79 7.18 0.43	90.11 6.97 13.60	86.20 7.07 17.71	96.08 6.24 -4.25	98.29 6.73 3.22	117.01 4.97 -31.97
BAYONEEC___CTG3 323684	70.69 3.96 4.11	69.99 3.66 4.14	69.82 3.45 3.96	70.03 3.67 4.18	70.94 3.83 3.81	76.18 4.22 7.62	94.96 6.60 18.03	139.85 8.59 2.80	131.64 10.42 25.59	108.49 7.56 -2.75	97.48 7.57 7.03	87.57 6.92 10.51	88.87 6.13 -2.04	87.64 5.77 -6.89	89.98 5.46 -13.68	98.92 5.51 -21.89	87.39 6.85 15.93	90.28 7.07 13.62	103.79 7.18 0.43	90.11 6.97 13.60	86.20 7.07 17.71	96.08 6.24 -4.25	98.29 6.73 3.22	117.01 4.97 -31.97
BAYONEEC___CTG4 323685	70.69 3.96 4.11	69.99 3.66 4.14	69.82 3.45 3.96	70.03 3.67 4.18	70.94 3.83 3.81	76.18 4.22 7.62	94.96 6.60 18.03	139.85 8.59 2.80	131.64 10.42 25.59	108.49 7.56 -2.75	97.48 7.57 7.03	87.57 6.92 10.51	88.87 6.13 -2.04	87.64 5.77 -6.89	89.98 5.46 -13.68	98.92 5.51 -21.89	87.39 6.85 15.93	90.28 7.07 13.62	103.79 7.18 0.43	90.11 6.97 13.60	86.20 7.07 17.71	96.08 6.24 -4.25	98.29 6.73 3.22	117.01 4.97 -31.97
BAYONEEC___CTG5 323686	70.69 3.96 4.11	69.99 3.66 4.14	69.82 3.45 3.96	70.03 3.67 4.18	70.94 3.83 3.81	76.18 4.22 7.62	94.96 6.60 18.03	139.85 8.59 2.80	131.64 10.42 25.59	108.49 7.56 -2.75	97.48 7.57 7.03	87.57 6.92 10.51	88.87 6.13 -2.04	87.64 5.77 -6.89	89.98 5.46 -13.68	98.92 5.51 -21.89	87.39 6.85 15.93	90.28 7.07 13.62	103.79 7.18 0.43	90.11 6.97 13.60	86.20 7.07 17.71	96.08 6.24 -4.25	98.29 6.73 3.22	117.01 4.97 -31.97
BAYONEEC___CTG6 323687	70.69 3.96 4.11	69.99 3.66 4.14	69.82 3.45 3.96	70.03 3.67 4.18	70.94 3.83 3.81	76.18 4.22 7.62	94.96 6.60 18.03	139.85 8.59 2.80	131.64 10.42 25.59	108.49 7.56 -2.75	97.48 7.57 7.03	87.57 6.92 10.51	88.87 6.13 -2.04	87.64 5.77 -6.89	89.98 5.46 -13.68	98.92 5.51 -21.89	87.39 6.85 15.93	90.28 7.07 13.62	103.79 7.18 0.43	90.11 6.97 13.60	86.20 7.07 17.71	96.08 6.24 -4.25	98.29 6.73 3.22	117.01 4.97 -31.97

BAYONEEC___CTG7 323688	70.69 3.96 4.11	69.99 3.66 4.14	69.82 3.45 3.96	70.03 3.67 4.18	70.94 3.83 3.81	76.18 4.22 7.62	94.96 6.60 18.03	139.85 8.59 2.80	131.64 10.42 25.59	108.49 7.56 -2.75	97.48 7.57 7.03	87.57 6.92 10.51	88.87 6.13 -2.04	87.64 5.77 -6.89	89.98 5.46 -13.68	98.92 5.51 -21.89	87.39 6.85 15.93	90.28 7.07 13.62	103.79 7.18 0.43	90.11 6.97 13.60	86.20 7.07 17.71	96.08 6.24 -4.25	98.29 6.73 3.22	117.01 4.97 -31.97
BAYONEEC___CTG8 323689	70.69 3.96 4.11	69.99 3.66 4.14	69.82 3.45 3.96	70.03 3.67 4.18	70.94 3.83 3.81	76.18 4.22 7.62	94.96 6.60 18.03	139.85 8.59 2.80	131.64 10.42 25.59	108.49 7.56 -2.75	97.48 7.57 7.03	87.57 6.92 10.51	88.87 6.13 -2.04	87.64 5.77 -6.89	89.98 5.46 -13.68	98.92 5.51 -21.89	87.39 6.85 15.93	90.28 7.07 13.62	103.79 7.18 0.43	90.11 6.97 13.60	86.20 7.07 17.71	96.08 6.24 -4.25	98.29 6.73 3.22	117.01 4.97 -31.97
BAYONEEC___CTG9 323749	70.69 3.96 4.11	69.99 3.66 4.14	69.82 3.45 3.96	70.03 3.67 4.18	70.94 3.83 3.81	76.18 4.22 7.62	94.96 6.60 18.03	139.85 8.59 2.80	131.64 10.42 25.59	108.49 7.56 -2.75	97.48 7.57 7.03	87.57 6.92 10.51	88.87 6.13 -2.04	87.64 5.77 -6.89	89.98 5.46 -13.68	98.92 5.51 -21.89	87.39 6.85 15.93	90.28 7.07 13.62	103.79 7.18 0.43	90.11 6.97 13.60	86.20 7.07 17.71	96.08 6.24 -4.25	98.29 6.73 3.22	117.01 4.97 -31.97
BEACON___LESR 323632	79.80 4.04 -4.92	76.36 3.87 -2.02	76.28 3.80 -2.16	76.39 3.88 -1.96	82.97 4.04 -8.00	94.92 4.45 -10.87	115.32 6.06 -2.87	177.13 6.04 -37.03	166.66 7.19 -12.66	140.21 5.00 -37.02	122.49 4.94 -20.60	103.12 4.74 -7.23	111.63 4.03 -26.90	110.35 3.82 -31.55	116.02 3.47 -41.71	134.60 3.43 -59.64	169.09 4.73 -67.89	184.67 4.84 -82.99	203.06 4.85 -101.17	184.47 4.74 -82.99	175.32 4.65 -73.83	150.74 4.02 -61.13	127.43 4.83 -27.82	123.83 4.00 -39.75
BEAVER RIVER___HYD 24048	72.53 1.70 0.00	72.02 1.55 0.00	71.95 1.62 0.00	72.17 1.62 0.00	72.62 1.70 0.00	82.06 2.47 0.00	110.53 4.04 -0.11	140.66 5.22 -1.37	152.08 5.28 0.00	102.40 2.85 -1.37	100.42 2.71 -0.76	93.68 2.28 -0.25	83.72 2.02 -0.99	77.87 1.73 -1.17	74.09 1.70 -1.54	75.52 1.79 -2.20	101.87 2.89 -2.51	103.39 3.48 -3.07	104.47 3.69 -3.74	102.99 3.19 -3.06	102.96 3.39 -2.73	90.67 2.82 -2.26	99.03 3.22 -1.03	84.58 3.04 -1.47
BEEBEE_GT_13 23619	68.50 -2.34 0.00	67.58 -2.89 0.00	67.31 -3.02 0.00	67.72 -2.82 0.00	68.51 -2.41 0.00	77.20 -2.39 0.00	102.46 -4.26 -0.33	129.12 -9.54 -2.57	138.08 -3.83 -0.81	98.66 -3.78 -4.31	95.56 -3.78 -2.40	87.64 -4.28 -0.78	80.12 -3.71 -3.13	75.43 -3.22 -3.67	72.37 -3.33 -4.86	75.33 -3.15 -6.95	97.12 -4.82 -5.48	102.15 -4.36 -9.66	104.75 -4.08 -11.78	99.58 -4.74 -7.58	99.01 -4.65 -6.82	88.69 -4.02 -7.12	93.85 -4.17 -3.24	81.90 -2.80 -4.63
BENSHRST_27_KV_BENSHRST_1 355998	76.43 4.68 -0.91	75.07 4.23 -0.37	74.67 3.94 -0.40	75.07 4.16 -0.36	76.73 4.33 -1.48	86.30 4.70 -2.02	116.21 7.45 -2.38	174.64 9.92 -30.66	169.91 12.18 -10.92	140.82 8.84 -33.80	122.73 8.73 -17.06	107.86 8.11 -8.59	110.16 7.18 -22.27	107.77 6.67 -26.12	111.75 6.38 -34.53	127.35 6.44 -49.38	161.04 8.30 -56.27	173.88 8.33 -68.71	189.35 8.54 -83.77	173.65 8.32 -68.58	166.84 8.81 -61.19	171.91 7.79 -78.53	132.20 8.06 -29.37	174.63 6.25 -88.31
BETHLEHEM___GRP 23843	78.40 2.76 -4.80	75.04 2.61 -1.97	74.96 2.53 -2.10	75.07 2.61 -1.91	81.49 2.77 -7.80	93.21 3.02 -10.60	113.30 4.04 -2.87	174.87 3.75 -37.06	164.56 4.70 -13.06	138.67 3.44 -37.05	121.05 3.49 -20.62	101.84 3.46 -7.23	110.53 2.91 -26.92	109.32 2.77 -31.57	115.06 2.48 -41.74	133.58 2.36 -59.69	167.60 3.18 -67.94	182.99 3.10 -83.05	201.40 3.11 -101.25	182.80 3.00 -83.06	173.73 3.00 -73.89	149.33 2.57 -61.18	125.94 3.32 -27.84	122.50 2.64 -39.78
BETHLEHEM___GS1 323560	78.40 2.76 -4.80	75.04 2.61 -1.97	74.96 2.53 -2.10	75.14 2.68 -1.91	81.49 2.76 -7.80	93.21 3.02 -10.60	113.30 4.04 -2.87	174.87 3.75 -37.06	164.56 4.70 -13.06	138.67 3.43 -37.05	121.05 3.48 -20.62	101.84 3.46 -7.23	110.52 2.90 -26.92	109.32 2.78 -31.57	115.06 2.48 -41.74	133.58 2.36 -59.69	167.60 3.18 -67.95	182.99 3.10 -83.05	201.40 3.10 -101.25	182.81 3.00 -83.06	173.73 3.01 -73.89	149.33 2.57 -61.18	125.94 3.32 -27.84	122.58 2.72 -39.78
BETHLEHEM___GS2 323561	78.40 2.76 -4.80	75.04 2.61 -1.97	74.96 2.53 -2.10	75.14 2.68 -1.91	81.49 2.76 -7.80	93.21 3.02 -10.60	113.30 4.04 -2.87	174.87 3.75 -37.06	164.56 4.70 -13.06	138.67 3.43 -37.05	121.05 3.48 -20.62	101.84 3.46 -7.23	110.52 2.90 -26.92	109.32 2.78 -31.57	115.06 2.48 -41.74	133.58 2.36 -59.69	167.60 3.18 -67.95	182.99 3.10 -83.05	201.40 3.10 -101.25	182.81 3.00 -83.06	173.73 3.01 -73.89	149.33 2.57 -61.18	125.94 3.32 -27.84	122.58 2.72 -39.78
BETHLEHEM___GS3 323562	78.40 2.76 -4.80	75.04 2.61 -1.97	74.96 2.53 -2.10	75.14 2.68 -1.91	81.49 2.76 -7.80	93.21 3.02 -10.60	113.30 4.04 -2.87	174.87 3.75 -37.06	164.56 4.70 -13.06	138.67 3.43 -37.05	121.05 3.48 -20.62	101.84 3.46 -7.23	110.52 2.90 -26.92	109.32 2.78 -31.57	115.06 2.48 -41.74	133.58 2.36 -59.69	167.60 3.18 -67.95	182.99 3.10 -83.05	201.40 3.10 -101.25	182.81 3.00 -83.06	173.73 3.01 -73.89	149.33 2.57 -61.18	125.94 3.32 -27.84	122.58 2.72 -39.78
BETHLEHEM___STEEL 23779	67.93 -2.90 0.00	66.73 -3.73 0.00	66.60 -3.73 0.00	67.09 -3.46 0.00	67.94 -2.98 0.00	76.33 -3.26 0.00	97.77 -9.04 -0.43	122.14 -14.34 -2.42	133.05 -14.83 -1.07	95.78 -7.95 -5.55	92.08 -7.95 -3.09	83.86 -8.29 -1.00	77.31 -7.42 -4.03	73.26 -6.45 -4.73	70.37 -6.73 -6.25	73.82 -6.65 -8.94	92.26 -10.03 -5.82	99.79 -9.49 -12.44	102.99 -9.22 -15.16	95.39 -10.06 -8.71	94.85 -9.88 -7.88	86.45 -8.30 -9.16	90.23 -8.72 -4.17	80.11 -5.93 -5.96
BETHLHEM_115KV_TB1 79974	78.14 2.76 -4.54	74.94 2.61 -1.86	74.85 2.53 -1.99	74.97 2.61 -1.81	80.99 2.70 -7.38	92.56 2.94 -10.02	113.30 4.04 -2.87	174.98 3.89 -37.02	164.24 4.84 -12.59	138.74 3.53 -37.02	121.03 3.49 -20.60	101.83 3.46 -7.22	110.58 2.99 -26.89	109.29 2.77 -31.54	115.03 2.48 -41.70	133.60 2.43 -59.64	167.64 3.28 -67.89	183.01 3.20 -82.98	201.41 3.20 -101.16	182.82 3.10 -82.98	173.76 3.10 -73.82	149.45 2.74 -61.12	126.01 3.41 -27.82	122.46 2.64 -39.75
BETHPAGE_CC_5 323564	105.59 5.03 -29.72	99.25 4.79 -23.99	90.39 4.64 -15.42	92.09 4.80 -16.74	90.31 5.04 -14.35	96.01 5.57 -10.84	144.68 8.19 -30.10	175.17 10.46 -30.64	164.07 11.75 -5.52	137.07 8.25 -30.64	122.23 8.24 -17.05	107.50 7.74 -8.61	109.74 6.78 -22.25	107.53 6.45 -26.10	111.52 6.16 -34.51	136.61 6.36 -58.72	160.56 7.91 -56.18	206.40 8.42 -101.14	205.22 8.54 -99.64	195.98 8.32 -90.91	168.44 8.42 -63.18	151.39 7.36 -58.44	138.77 7.96 -36.03	135.55 6.08 -49.39
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	68.15 -2.69 0.00	67.02 -3.45 0.00	66.88 -3.45 0.00	67.30 -3.25 0.00	68.16 -2.77 0.00	76.65 -2.94 0.00	97.78 -9.04 -0.44	122.28 -14.21 -2.42	133.80 -14.09 -1.08	95.85 -7.95 -5.62	92.02 -8.05 -3.12	83.87 -8.29 -1.01	77.28 -7.51 -4.08	73.24 -6.52 -4.79	70.37 -6.80 -6.33	73.85 -6.72 -9.05	92.20 -10.13 -5.86	99.94 -9.49 -12.59	103.17 -9.22 -15.35	95.56 -9.96 -8.79	94.92 -9.88 -7.95	86.56 -8.30 -9.27	90.28 -8.72 -4.22	80.10 -6.01 -6.03

BINGHAMTON___COGEN 23790	71.25 0.00 -0.41	70.29 -0.35 -0.17	70.09 -0.42 -0.18	70.43 -0.28 -0.16	71.59 0.00 -0.67	80.66 0.16 -0.91	106.32 -0.85 -0.78	141.08 -1.61 -8.62	147.58 -1.32 -2.10	107.88 -0.39 -10.09	101.88 -0.68 -5.61	91.96 -1.00 -1.81	87.06 -0.97 -7.33	82.82 -0.75 -8.59	81.36 -0.85 -11.36	87.06 -0.72 -16.25	111.96 -0.96 -16.45	118.77 -0.68 -22.61	124.21 -0.39 -27.56	116.81 -0.77 -20.83	114.78 -0.68 -18.62	101.47 -0.77 -16.65	101.51 -0.85 -7.58	90.18 -0.72 -10.83
BIXINCNT_115KV_LOAD 355685	68.50 -2.55 -0.22	67.39 -3.17 -0.09	67.33 -3.09 -0.10	67.74 -2.89 -0.09	69.01 -2.27 -0.35	77.84 -2.23 -0.48	98.12 -8.72 -0.46	123.44 -13.00 -2.38	136.35 -11.60 -1.15	96.15 -7.95 -5.92	91.71 -8.53 -3.29	83.19 -9.02 -1.06	76.37 -8.64 -4.30	72.30 -7.72 -5.04	69.72 -7.79 -6.67	73.41 -7.65 -9.53	91.51 -10.90 -5.94	100.03 -10.07 -13.27	103.51 -9.70 -16.17	95.45 -10.35 -9.06	94.98 -10.07 -8.21	86.63 -8.73 -9.77	90.13 -9.10 -4.45	80.02 -6.41 -6.35
BLACK RIVER___HYD 24047	73.04 2.20 0.00	72.44 1.97 0.00	72.37 2.04 0.00	72.59 2.05 0.00	73.12 2.20 0.00	82.69 3.10 0.00	111.43 4.90 -0.15	142.54 6.57 -1.91	153.42 6.61 0.00	104.12 4.03 -1.91	101.49 3.48 -1.06	94.23 2.73 -0.34	84.43 2.34 -1.39	78.63 2.03 -1.63	74.98 1.98 -2.15	76.96 2.36 -3.08	104.03 4.05 -3.50	105.96 4.84 -4.28	107.40 5.14 -5.22	105.56 4.55 -4.26	105.30 4.65 -3.81	92.51 3.76 -3.15	100.29 4.07 -1.44	85.81 3.69 -2.05
BLACKRVR_115KV_TB2 79977	73.03 2.20 0.00	72.44 1.97 0.00	72.37 2.04 0.00	72.59 2.05 0.00	73.05 2.13 0.00	82.70 3.10 0.00	111.43 4.89 -0.15	142.54 6.57 -1.90	153.41 6.61 0.00	104.11 4.03 -1.90	101.49 3.49 -1.06	94.23 2.73 -0.34	84.43 2.34 -1.38	78.62 2.02 -1.62	74.97 1.98 -2.14	76.95 2.36 -3.07	104.01 4.05 -3.49	105.95 4.84 -4.27	107.38 5.14 -5.20	105.54 4.55 -4.25	105.28 4.65 -3.79	92.50 3.77 -3.14	100.29 4.08 -1.43	85.80 3.68 -2.04
BLISS_WT_PWR 323608	68.36 -2.69 -0.22	67.32 -3.24 -0.09	67.19 -3.23 -0.10	67.60 -3.03 -0.09	69.36 -1.91 -0.35	77.76 -2.31 -0.48	98.12 -8.72 -0.46	123.46 -13.00 -2.40	136.35 -11.60 -1.15	96.95 -7.16 -5.93	91.52 -8.72 -3.30	82.83 -9.39 -1.07	76.05 -8.96 -4.31	71.93 -8.10 -5.05	69.38 -8.14 -6.68	73.07 -8.01 -9.55	91.04 -11.38 -5.96	99.77 -10.36 -13.29	103.25 -9.99 -16.20	95.28 -10.54 -9.08	94.71 -10.36 -8.23	86.39 -8.99 -9.79	90.04 -9.19 -4.46	79.96 -6.48 -6.37
BLUESTONE___WT_PWR 323821	75.41 3.82 -0.75	74.23 3.45 -0.31	74.24 3.58 -0.33	74.58 3.74 -0.30	76.19 4.04 -1.22	86.27 5.02 -1.66	113.82 6.60 -0.84	154.93 8.45 -12.41	159.39 9.54 -3.05	115.77 6.77 -10.82	108.59 5.62 -6.02	97.66 4.56 -1.95	92.44 3.87 -7.86	87.65 3.45 -9.22	86.15 3.11 -12.19	92.61 3.65 -17.43	124.03 5.50 -22.06	127.39 6.29 -24.26	133.30 6.69 -29.57	128.87 6.00 -26.13	126.24 6.20 -23.20	108.51 5.05 -17.87	108.31 5.40 -8.13	96.42 4.72 -11.62
BLUE_CIRC_CHEM_DRP 24182	79.71 5.03 -3.84	76.98 4.93 -1.57	76.87 4.85 -1.68	77.02 4.94 -1.53	82.21 5.04 -6.25	93.65 5.57 -8.49	116.31 7.13 -2.80	177.42 7.24 -36.11	165.65 7.93 -10.92	139.30 5.01 -36.11	121.88 4.85 -20.09	102.72 4.65 -6.92	110.89 3.95 -26.23	109.57 3.82 -30.77	114.99 3.47 -40.68	133.28 3.58 -58.17	168.09 5.40 -66.22	183.30 5.52 -80.94	201.35 5.63 -98.68	183.26 5.61 -80.90	174.37 5.52 -72.01	150.00 4.79 -59.62	127.69 5.78 -27.13	123.81 4.96 -38.77
BOC_GAS_DRP 24189	76.34 2.41 -3.09	73.99 2.26 -1.27	73.87 2.18 -1.36	74.04 2.26 -1.23	78.29 2.34 -5.03	89.05 2.63 -6.83	112.97 3.72 -2.86	174.93 4.02 -36.85	161.66 4.84 -10.01	138.56 3.53 -36.84	120.94 3.49 -20.50	101.59 3.28 -7.16	110.37 2.91 -26.76	109.07 2.70 -31.39	114.83 2.48 -41.50	133.38 2.50 -59.35	167.31 3.28 -67.56	182.71 3.29 -82.58	201.02 3.30 -100.68	182.55 3.29 -82.52	173.60 3.29 -73.47	149.33 2.91 -60.83	125.78 3.32 -27.68	122.27 2.64 -39.56
BOONVILLE_115KV_TB1 79983	73.17 2.34 0.00	72.65 2.18 0.00	72.58 2.25 0.00	72.80 2.26 0.00	73.26 2.34 0.00	82.70 3.10 0.00	111.05 4.57 -0.09	140.96 5.76 -1.13	153.12 6.31 0.00	103.44 4.12 -1.13	101.26 3.68 -0.63	94.55 3.19 -0.20	84.27 2.74 -0.82	78.34 2.40 -0.96	74.39 2.27 -1.27	75.78 2.43 -1.82	102.21 3.67 -2.07	103.44 4.07 -2.53	104.30 4.17 -3.09	103.14 3.87 -2.52	103.06 3.97 -2.25	90.79 3.34 -1.87	99.23 3.60 -0.85	84.49 3.20 -1.21
BORALEX_4TH_BRANCH 23824	82.51 5.03 -6.64	77.98 4.79 -2.72	77.95 4.71 -2.91	77.99 4.80 -2.65	86.69 4.96 -10.80	100.00 5.73 -14.67	117.23 7.98 -2.87	180.84 9.79 -36.99	176.27 11.30 -18.16	142.93 7.76 -36.99	125.18 7.66 -20.58	105.53 7.02 -7.36	113.71 6.13 -26.87	112.19 5.70 -31.51	117.82 5.31 -41.66	136.55 5.44 -59.58	171.53 7.24 -67.82	187.29 7.55 -82.90	205.68 7.57 -101.07	187.24 7.45 -83.04	177.86 7.26 -73.76	153.25 6.59 -61.07	129.78 7.20 -27.79	125.63 5.85 -39.71
BOWLINE___1 23526	74.67 2.97 -0.85	73.64 2.82 -0.35	73.38 2.67 -0.37	73.64 2.75 -0.34	75.29 2.98 -1.39	84.82 3.34 -1.89	113.76 5.11 -2.27	169.80 6.43 -29.30	159.82 7.78 -5.24	133.07 5.59 -29.30	118.77 5.52 -16.30	96.92 5.10 -0.66	106.50 4.52 -21.28	104.14 4.20 -24.96	107.89 4.04 -33.00	122.80 4.07 -47.20	155.40 5.21 -53.73	167.93 5.42 -65.67	182.63 5.53 -80.06	167.71 5.41 -65.55	160.69 5.42 -58.43	138.75 4.79 -48.37	121.91 5.11 -22.01	115.29 3.76 -31.46
BOWLINE___2 23595	74.81 3.11 -0.86	73.71 2.89 -0.35	73.44 2.74 -0.37	73.78 2.89 -0.34	75.36 3.05 -1.39	84.90 3.42 -1.89	113.97 5.32 -2.27	170.07 6.70 -29.31	159.97 7.92 -5.24	133.28 5.79 -29.30	118.87 5.62 -16.30	97.01 5.19 -0.66	106.59 4.60 -21.29	104.29 4.35 -24.97	107.96 4.11 -33.01	122.95 4.22 -47.20	155.60 5.40 -53.73	168.13 5.61 -65.68	182.84 5.72 -80.07	167.81 5.51 -65.56	160.89 5.61 -58.43	138.85 4.88 -48.38	122.10 5.30 -22.02	115.38 3.84 -31.46
BRADY___115KV_TB2 356060	71.33 0.50 0.00	71.46 0.99 0.00	71.46 1.13 0.00	71.53 0.99 0.00	71.56 0.64 0.00	80.23 0.64 0.00	107.56 1.17 0.00	136.21 2.15 0.00	148.27 1.47 0.00	97.99 -0.20 0.00	97.04 0.10 0.00	91.34 0.18 0.00	81.11 0.40 0.00	75.28 0.30 0.00	71.27 0.43 0.00	71.67 0.14 0.00	96.86 0.39 0.00	97.32 0.48 0.00	97.33 0.29 0.00	97.03 0.29 0.00	97.13 0.29 0.00	85.93 0.34 0.00	95.54 0.76 0.00	81.43 1.36 0.00
BRANSCOMB___SOLAR 323811	84.96 5.10 -9.02	79.17 5.00 -3.69	79.20 4.92 -3.95	79.15 5.01 -3.59	90.75 5.17 -14.66	105.24 5.73 -19.91	116.25 6.91 -2.95	180.59 8.45 -38.07	179.44 9.69 -22.95	142.73 6.48 -38.07	124.34 6.21 -21.18	104.12 5.56 -7.40	113.20 4.84 -27.66	111.91 4.50 -32.44	117.91 4.18 -42.88	137.15 4.29 -61.33	172.37 6.08 -69.81	188.56 6.39 -85.33	207.48 6.40 -104.03	188.72 6.38 -85.59	178.86 6.10 -75.92	153.84 5.40 -62.86	129.46 6.07 -28.61	126.63 5.69 -40.88
BRENTWOD_69_KV_W. BRTWOOD 56703	107.36 6.80 -29.72	100.80 6.34 -23.99	91.94 6.19 -15.42	93.64 6.35 -16.74	91.80 6.52 -14.35	98.00 7.56 -10.84	147.66 11.17 -30.10	177.99 13.27 -30.65	167.89 15.56 -5.53	139.62 10.80 -30.63	124.46 10.47 -17.05	109.33 9.57 -8.61	111.43 8.47 -22.25	109.10 8.02 -26.10	113.08 7.72 -34.51	138.47 8.23 -58.72	162.79 10.13 -56.19	212.50 10.56 -105.11	210.56 10.38 -103.13	200.17 10.16 -93.27	177.62 10.46 -70.32	153.28 9.24 -58.45	141.23 10.43 -36.03	137.71 8.25 -49.39

BRISTLHL_115KV_TB1 79998	68.85 -1.98 0.00	68.14 -2.33 0.00	68.01 -2.32 0.00	68.29 -2.26 0.00	68.87 -2.06 0.00	77.44 -2.15 0.00	103.53 -3.09 -0.23	132.77 -4.29 -3.00	141.81 -4.99 0.00	98.62 -2.55 -2.99	95.90 -2.71 -1.67	88.78 -2.92 -0.54	80.38 -2.50 -2.18	75.28 -2.25 -2.55	72.02 -2.20 -3.37	74.28 -2.07 -4.82	99.17 -2.80 -5.49	101.03 -2.52 -6.71	102.89 -2.33 -8.18	100.92 -2.52 -6.69	100.29 -2.52 -5.97	88.14 -2.40 -4.94	94.28 -2.75 -2.25	80.89 -2.40 -3.22
BROOKHAVEN___DRP 24191	107.14 6.59 -29.72	100.59 6.13 -23.99	91.73 5.98 -15.42	93.43 6.14 -16.74	91.59 6.31 -14.35	97.76 7.32 -10.84	147.44 10.96 -30.10	178.17 13.41 -30.70	167.65 15.27 -5.57	139.22 10.41 -30.63	123.98 9.99 -17.05	108.87 9.12 -8.61	111.03 8.07 -22.25	108.73 7.65 -26.10	112.65 7.30 -34.51	138.18 7.94 -58.72	162.74 10.03 -56.23	227.30 10.36 -120.09	223.56 10.19 -116.33	209.08 10.16 -102.18	204.51 10.36 -97.31	153.24 9.16 -58.50	140.85 10.05 -36.03	137.47 8.01 -49.39
BROOKLYN_NAVY_YARD 23515	75.71 3.96 -0.91	74.51 3.66 -0.37	74.18 3.45 -0.40	74.58 3.67 -0.36	76.23 3.83 -1.48	85.90 4.30 -2.02	115.58 6.81 -2.38	173.57 8.85 -30.66	163.04 10.71 -5.52	136.59 7.75 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.37 -22.27	107.02 5.92 -26.12	110.97 5.60 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	173.00 7.46 -68.71	188.28 7.47 -83.76	172.67 7.35 -68.58	165.42 7.46 -61.13	142.70 6.50 -50.61	124.73 6.92 -23.03	118.03 5.05 -32.91
BROOKLYN___ARMY_DRP 323595	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
BROOKVLE_69_KV_TB1 55790	106.01 5.45 -29.72	99.67 5.21 -23.99	90.81 5.06 -15.42	92.51 5.22 -16.74	90.67 5.39 -14.35	96.41 5.97 -10.84	145.32 8.83 -30.10	176.10 11.40 -30.64	165.24 12.92 -5.52	137.85 9.03 -30.63	122.81 8.82 -17.05	108.15 8.39 -8.61	110.38 7.42 -22.25	108.05 6.97 -26.10	112.01 6.66 -34.51	136.97 6.72 -58.72	161.23 8.59 -56.18	207.08 9.10 -101.14	205.99 9.32 -99.64	196.75 9.09 -90.91	169.12 9.10 -63.18	151.99 7.96 -58.44	139.24 8.44 -36.03	136.03 6.57 -49.39
BROOME_2_LFGE 323671	71.25 0.00 -0.41	70.29 -0.35 -0.17	70.09 -0.42 -0.18	70.43 -0.28 -0.16	71.73 0.14 -0.67	80.66 0.16 -0.91	106.31 -0.85 -0.78	141.09 -1.60 -8.63	147.58 -1.32 -2.10	108.18 -0.10 -10.09	101.89 -0.67 -5.62	91.97 -1.00 -1.82	87.07 -0.96 -7.33	82.83 -0.75 -8.60	81.37 -0.85 -11.37	87.07 -0.72 -16.26	111.98 -0.96 -16.47	118.79 -0.67 -22.63	124.24 -0.39 -27.59	116.82 -0.78 -20.85	114.81 -0.67 -18.64	101.49 -0.77 -16.67	101.51 -0.85 -7.59	90.19 -0.72 -10.84
BROOME___LFGE 323600	71.25 0.00 -0.41	70.29 -0.35 -0.17	70.09 -0.42 -0.18	70.43 -0.28 -0.16	71.73 0.14 -0.67	80.66 0.16 -0.91	106.31 -0.85 -0.78	141.09 -1.60 -8.63	147.58 -1.32 -2.10	108.18 -0.10 -10.09	101.89 -0.67 -5.62	91.97 -1.00 -1.82	87.07 -0.96 -7.33	82.83 -0.75 -8.60	81.37 -0.85 -11.37	87.07 -0.72 -16.26	111.98 -0.96 -16.47	118.79 -0.67 -22.63	124.24 -0.39 -27.59	116.82 -0.78 -20.85	114.81 -0.67 -18.64	101.49 -0.77 -16.67	101.51 -0.85 -7.59	90.19 -0.72 -10.84
BROWNFLS_115KV_TB_3_5 80003	71.55 0.71 0.00	71.32 0.85 0.00	71.31 0.98 0.00	71.46 0.92 0.00	71.70 0.78 0.00	80.71 1.11 0.00	108.91 2.45 -0.07	138.09 3.08 -0.95	149.59 2.79 0.00	100.31 1.18 -0.95	98.73 1.26 -0.53	92.33 1.00 -0.17	82.44 1.05 -0.69	76.61 0.82 -0.81	72.83 0.92 -1.07	73.70 0.64 -1.52	99.36 1.16 -1.74	100.51 1.55 -2.12	101.28 1.65 -2.59	100.12 1.26 -2.11	100.08 1.36 -1.89	88.44 1.28 -1.56	97.39 1.90 -0.71	83.25 2.16 -1.02
BROWNSV1_27_KV_LOAD 356125	76.35 4.60 -0.91	75.07 4.23 -0.37	74.74 4.01 -0.40	75.07 4.16 -0.36	76.80 4.40 -1.48	86.54 4.93 -2.02	116.32 7.55 -2.38	174.64 9.92 -30.65	164.22 11.89 -5.52	137.38 8.54 -30.65	122.43 8.43 -17.06	107.59 7.84 -8.59	109.91 6.94 -22.27	107.62 6.52 -26.12	111.54 6.16 -34.53	127.13 6.22 -49.38	160.49 7.81 -56.21	173.68 8.13 -68.70	189.05 8.25 -83.76	173.45 8.13 -68.58	166.19 8.23 -61.12	143.39 7.19 -50.61	125.58 7.77 -23.03	118.83 5.85 -32.91
BURROWS___LYONSDAL 23803	73.03 2.20 0.00	72.51 2.04 0.00	72.44 2.11 0.00	72.73 2.19 0.00	73.19 2.27 0.00	82.62 3.02 0.00	110.95 4.47 -0.09	141.00 5.76 -1.17	152.97 6.17 0.00	103.28 3.93 -1.17	101.18 3.59 -0.65	94.37 3.01 -0.21	84.22 2.66 -0.85	78.30 2.32 -1.00	74.36 2.20 -1.32	75.78 2.36 -1.89	102.19 3.57 -2.15	103.44 3.97 -2.63	104.42 4.17 -3.21	103.14 3.77 -2.62	103.15 3.97 -2.34	90.78 3.25 -1.94	99.26 3.60 -0.88	84.53 3.20 -1.26
CAITHNESS_CC_1 323624	106.93 6.38 -29.72	100.45 5.99 -23.99	91.52 5.77 -15.42	93.28 5.99 -16.74	91.52 6.24 -14.35	97.52 7.08 -10.84	147.12 10.64 -30.10	177.63 12.87 -30.70	166.91 14.54 -5.57	138.84 10.02 -30.64	123.78 9.79 -17.05	108.70 8.94 -8.61	110.87 7.91 -22.25	108.58 7.50 -26.10	112.51 7.15 -34.51	137.97 7.73 -58.72	162.45 9.74 -56.24	226.89 10.07 -119.98	223.17 9.90 -116.23	208.73 9.87 -102.11	204.01 10.07 -97.10	152.99 8.90 -58.50	140.57 9.76 -36.03	137.23 7.76 -49.39
CALPINE BETH_PAGE_GT4 24209	105.44 4.89 -29.72	98.97 4.51 -23.99	90.11 4.36 -15.42	91.80 4.51 -16.74	90.03 4.75 -14.35	95.77 5.33 -10.84	144.46 7.98 -30.10	174.89 10.19 -30.64	163.77 11.45 -5.52	136.97 8.15 -30.63	121.94 7.95 -17.05	107.14 7.38 -8.61	109.50 6.54 -22.25	107.30 6.22 -26.10	111.31 5.95 -34.51	136.39 6.15 -58.72	160.37 7.72 -56.18	206.21 8.23 -101.14	205.02 8.35 -99.64	195.78 8.13 -90.91	168.25 8.23 -63.18	151.22 7.19 -58.44	138.58 7.77 -36.03	135.39 5.93 -49.39
CALPINE_BETH_PAGE_GT_4 323586	105.44 4.88 -29.72	99.04 4.58 -23.99	90.18 4.43 -15.42	91.87 4.58 -16.74	90.10 4.83 -14.35	95.77 5.33 -10.84	144.47 7.98 -30.10	174.89 10.18 -30.64	163.63 11.30 -5.52	136.87 8.05 -30.64	121.94 7.95 -17.05	107.24 7.48 -8.61	109.49 6.53 -22.25	107.30 6.22 -26.10	111.31 5.95 -34.51	136.40 6.15 -58.72	160.37 7.72 -56.18	206.21 8.23 -101.14	205.03 8.35 -99.64	195.78 8.13 -90.91	168.25 8.23 -63.18	151.22 7.19 -58.44	138.48 7.67 -36.03	135.39 5.93 -49.39
CALPINE_BP_GT1 23823	105.44 4.88 -29.72	99.04 4.58 -23.99	90.18 4.43 -15.42	91.87 4.58 -16.74	90.10 4.83 -14.35	95.77 5.33 -10.84	144.47 7.98 -30.10	174.89 10.18 -30.64	163.63 11.30 -5.52	136.87 8.05 -30.64	121.94 7.95 -17.05	107.24 7.48 -8.61	109.49 6.53 -22.25	107.30 6.22 -26.10	111.31 5.95 -34.51	136.40 6.15 -58.72	160.37 7.72 -56.18	206.21 8.23 -101.14	205.03 8.35 -99.64	195.78 8.13 -90.91	168.25 8.23 -63.18	151.22 7.19 -58.44	138.48 7.67 -36.03	135.39 5.93 -49.39
CALSPAN___DRP 24200	67.93 -2.90 0.00	66.73 -3.73 0.00	66.60 -3.73 0.00	67.09 -3.46 0.00	67.94 -2.98 0.00	76.33 -3.26 0.00	97.77 -9.04 -0.43	122.14 -14.34 -2.42	133.05 -14.83 -1.07	95.78 -7.95 -5.55	92.08 -7.95 -3.09	83.86 -8.29 -1.00	77.31 -7.42 -4.03	73.26 -6.45 -4.73	70.37 -6.73 -6.25	73.82 -6.65 -8.94	92.26 -10.03 -5.82	99.79 -9.49 -12.44	102.99 -9.22 -15.16	95.39 -10.06 -8.71	94.85 -9.88 -7.88	86.45 -8.30 -9.16	90.23 -8.72 -4.17	80.11 -5.93 -5.96

CALVERTON___SOLAR 323806	107.36 6.80 -29.72	100.87 6.41 -23.99	91.94 6.19 -15.42	93.71 6.42 -16.74	91.87 6.60 -14.35	98.00 7.57 -10.84	147.87 11.39 -30.10	178.57 13.81 -30.70	167.79 15.41 -5.57	139.33 10.51 -30.64	124.17 10.18 -17.05	109.06 9.30 -8.61	111.20 8.24 -22.25	108.80 7.72 -26.10	112.79 7.44 -34.51	138.33 8.08 -58.72	162.93 10.22 -56.24	227.54 10.56 -120.15	223.90 10.48 -116.38	209.41 10.45 -102.21	204.89 10.65 -97.40	153.50 9.41 -58.50	141.05 10.24 -36.03	137.64 8.17 -49.39	
CANDIGU_WT_PWR 323617	69.26 -1.84 -0.27	68.18 -2.40 -0.11	68.05 -2.39 -0.12	68.54 -2.11 -0.11	70.00 -1.35 -0.43	78.43 -1.75 -0.59	101.73 -5.21 -0.55	127.69 -8.04 -1.67	139.85 -8.36 -1.41	101.12 -4.22 -7.16	95.69 -5.24 -3.98	86.79 -5.65 -1.29	80.90 -5.00 -5.20	76.58 -4.50 -6.10	74.31 -4.60 -8.06	78.62 -4.43 -11.53	95.88 -6.07 -5.49	107.56 -5.33 -16.04	111.66 -4.95 -19.56	100.75 -5.51 -9.51	100.11 -5.42 -8.69	92.62 -4.79 -11.82	95.04 -5.12 -5.38	84.08 -3.68 -7.69	
CARR STREET_E_SYR 24060	69.21 -1.63 0.00	68.50 -1.97 0.00	68.29 -2.04 0.00	68.65 -1.90 0.00	69.36 -1.56 0.00	77.84 -1.75 0.00	103.99 -2.66 -0.26	133.91 -3.49 -3.34	142.85 -3.96 0.00	99.85 -1.67 -3.34	96.76 -2.04 -1.86	89.48 -2.28 -0.60	81.11 -2.01 -2.42	76.02 -1.80 -2.84	72.84 -1.77 -3.76	75.26 -1.64 -5.37	100.08 -2.51 -6.12	102.09 -2.22 -7.48	104.11 -2.04 -9.11	101.87 -2.32 -7.45	101.27 -2.22 -6.65	88.96 -2.14 -5.51	94.82 -2.46 -2.51	81.57 -2.08 -3.58	
CARTHAGE___PAPER 23857	72.68 1.84 0.00	72.16 1.69 0.00	72.16 1.83 0.00	72.31 1.76 0.00	72.76 1.84 0.00	82.30 2.71 0.00	110.99 4.47 -0.13	141.80 6.04 -1.70	152.83 6.02 0.00	103.22 3.34 -1.70	100.99 3.10 -0.95	93.92 2.46 -0.31	84.12 2.18 -1.24	78.22 1.80 -1.45	74.53 1.77 -1.92	76.27 2.00 -2.74	103.06 3.47 -3.12	104.81 4.16 -3.81	106.06 4.37 -4.65	104.42 3.87 -3.80	104.30 4.07 -3.39	91.65 3.25 -2.81	99.66 3.60 -1.28	85.18 3.28 -1.83	
CASSADAGA_WT_PWR 323784	69.63 -1.20 0.00	68.50 -1.97 0.00	68.43 -1.90 0.00	68.93 -1.62 0.00	70.35 -0.57 0.00	78.80 -0.80 0.00	100.88 -5.96 -0.45	126.35 -10.06 -2.34	138.68 -9.24 -1.12	100.24 -3.73 -5.79	95.03 -5.14 -3.22	86.45 -5.74 -1.04	79.42 -5.49 -4.21	75.11 -4.80 -4.93	72.13 -5.24 -6.52	75.70 -5.15 -9.33	94.38 -7.91 -5.82	102.84 -6.97 -12.98	106.26 -6.60 -15.82	98.16 -7.45 -8.87	97.51 -7.36 -8.04	88.99 -6.16 -9.56	92.49 -6.64 -4.35	82.21 -4.08 -6.22	
CE_DUNWOOD___DRP 24194	75.64 3.90 -0.91	74.44 3.59 -0.37	74.17 3.45 -0.40	74.51 3.60 -0.36	76.15 3.76 -1.47	85.89 4.30 -2.00	115.24 6.49 -2.36	172.88 8.31 -30.50	162.13 9.84 -5.49	135.75 7.07 -30.50	120.90 6.98 -16.97	106.33 6.47 -8.71	108.59 5.73 -22.15	106.29 5.32 -25.99	110.30 5.10 -34.35	125.81 5.15 -49.13	158.96 6.56 -55.93	172.08 6.88 -68.36	187.37 6.77 -83.34	171.75 6.77 -68.23	164.53 6.88 -60.82	141.94 5.99 -50.36	124.14 6.45 -22.92	117.70 4.88 -32.75	
CE_MILLWOOD___DRP 24193	75.50 3.75 -0.91	74.23 3.38 -0.37	73.96 3.24 -0.40	74.30 3.39 -0.36	76.02 3.62 -1.48	85.66 4.06 -2.01	114.91 6.17 -2.35	172.17 7.78 -30.33	161.65 9.40 -5.45	135.18 6.68 -30.32	120.41 6.59 -16.87	105.93 6.11 -8.67	108.14 5.41 -22.03	105.84 5.02 -25.84	109.82 4.82 -34.16	125.24 4.86 -48.85	158.35 6.27 -55.61	171.30 6.49 -67.97	186.51 6.60 -82.87	170.97 6.39 -67.84	163.80 6.49 -60.47	141.31 5.65 -50.07	123.73 6.16 -22.79	117.28 4.64 -32.56	
CE_NYC2_DRP 24202	76.00 4.25 -0.91	74.65 3.81 -0.37	74.32 3.59 -0.40	74.72 3.81 -0.36	76.38 3.97 -1.48	85.91 4.30 -2.02	115.57 6.81 -2.38	173.70 8.98 -30.66	163.48 11.16 -5.52	136.89 8.05 -30.65	121.95 7.95 -17.06	107.13 7.38 -8.59	109.51 6.54 -22.27	107.17 5.32 -26.12	111.19 5.81 -34.53	126.78 5.87 -49.38	160.02 7.33 -56.21	173.10 7.55 -68.71	188.48 7.67 -83.77	172.78 7.45 -68.58	165.72 7.75 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.51 5.52 -32.91	
CE_NYC_DRP 24195	75.86 4.11 -0.91	74.58 3.73 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.68 6.92 -2.38	173.70 8.98 -30.65	163.19 10.86 -5.52	136.69 7.85 -30.65	121.76 7.76 -17.05	106.95 7.20 -8.59	109.35 6.38 -22.27	107.09 6.00 -26.12	111.04 5.67 -34.53	126.63 5.72 -49.38	178.08 7.14 -74.47	194.33 7.36 -90.13	209.42 7.47 -104.90	194.16 7.26 -90.16	187.31 7.36 -83.11	142.62 6.42 -50.61	124.73 6.92 -23.03	118.19 5.20 -32.91	
CHAFFEE___LFGE 323603	68.15 -2.69 0.00	67.02 -3.45 0.00	66.89 -3.44 0.00	67.37 -3.17 0.00	68.72 -2.20 0.00	76.65 -2.94 0.00	98.00 -8.83 -0.45	122.53 -13.95 -2.41	133.96 -13.95 -1.11	97.15 -6.77 -5.74	92.29 -7.85 -3.20	84.07 -8.11 -1.03	77.53 -7.34 -4.17	73.50 -6.37 -4.89	70.73 -6.59 -6.47	74.27 -6.51 -9.25	92.33 -10.04 -5.90	100.42 -9.30 -12.88	103.72 -9.02 -15.70	95.88 -9.77 -8.90	95.22 -9.68 -8.06	86.94 -8.13 -9.48	90.57 -8.53 -4.32	80.47 -5.77 -6.17	
CHATEAUG_35_KV_LOAD 355732	69.92 -0.92 0.00	70.05 -0.42 0.00	69.91 -0.42 0.00	69.98 -0.56 0.00	70.07 -0.85 0.00	78.64 -0.96 0.00	104.47 -1.91 0.00	132.59 -1.47 0.00	144.75 -2.06 0.00	96.32 -1.87 0.00	95.39 -1.55 0.00	90.06 -1.09 0.00	79.82 -0.89 0.00	73.85 -1.12 0.00	69.64 -1.20 0.00	70.24 -1.29 0.00	95.31 -1.16 0.00	95.77 -1.07 0.00	95.88 -1.16 0.00	95.58 -1.16 0.00	95.48 -1.16 0.00	95.48 -1.36 0.00	84.31 -1.28 0.00	93.17 -1.61 0.00	79.27 -0.80 0.00
CHATEAUG_WT_PWR 323614	69.78 -1.06 0.00	69.83 -0.64 0.00	69.70 -0.63 0.00	69.77 -0.77 0.00	69.57 -1.35 0.00	78.40 -1.19 0.00	104.04 -2.34 0.00	132.06 -2.01 0.00	144.31 -2.50 0.00	95.73 -2.45 0.00	95.39 -1.55 0.00	90.06 -1.09 0.00	79.82 -0.89 0.00	73.70 -1.28 0.00	69.36 -1.49 0.00	70.10 -1.43 0.00	95.12 -1.35 0.00	95.78 -1.06 0.00	95.78 -1.26 0.00	95.48 -1.26 0.00	95.39 -1.45 0.00	84.13 -1.46 0.00	92.98 -1.80 0.00	79.19 -0.88 0.00	
CHAT_HIGH_FALL_HYD 323578	69.92 -0.92 0.00	70.05 -0.42 0.00	69.91 -0.42 0.00	69.98 -0.56 0.00	70.07 -0.85 0.00	78.64 -0.96 0.00	104.47 -1.91 0.00	132.59 -1.47 0.00	144.75 -2.06 0.00	96.32 -1.87 0.00	95.39 -1.55 0.00	90.06 -1.09 0.00	79.82 -0.89 0.00	73.85 -1.12 0.00	69.64 -1.20 0.00	70.24 -1.29 0.00	95.31 -1.16 0.00	95.77 -1.07 0.00	95.88 -1.16 0.00	95.58 -1.16 0.00	95.48 -1.36 0.00	84.31 -1.28 0.00	93.17 -1.61 0.00	79.27 -0.80 0.00	
CHAUTAUQUA___LFGE 323629	68.85 -1.98 0.00	67.72 -2.75 0.00	67.66 -2.67 0.00	68.08 -2.47 0.00	69.57 -1.35 0.00	77.68 -1.91 0.00	99.80 -7.02 -0.44	124.78 -11.66 -2.38	136.15 -11.75 -1.09	98.93 -4.91 -5.65	93.99 -6.10 -3.15	85.52 -6.65 -1.02	78.67 -6.14 -4.11	74.47 -5.32 -4.82	71.48 -5.74 -6.37	74.98 -5.65 -9.11	93.60 -8.68 -5.81	101.67 -7.84 -12.67	105.02 -7.47 -15.45	97.20 -8.32 -8.77	96.55 -8.23 -7.94	88.07 -6.85 -9.34	91.73 -7.30 -4.25	81.50 -4.65 -6.07	
CHERRYST_13_KV_LD 356241	76.00 4.25 -0.91	74.72 3.88 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	86.22 4.62 -2.02	115.89 7.13 -2.38	174.10 9.38 -30.65	163.63 11.30 -5.52	136.98 8.15 -30.65	122.14 8.14 -17.05	107.31 7.57 -8.59	109.67 6.70 -22.27	107.32 6.22 -26.12	111.32 5.95 -34.53	126.91 6.01 -49.38	160.11 7.43 -56.21	172.69 7.75 -68.11	187.75 7.76 -82.95	172.42 7.55 -68.13	165.61 7.65 -61.12	142.87 6.68 -50.61	125.01 7.20 -23.03	118.43 5.44 -32.91	

CHESTROR_138KV_BK263 355645	74.33 2.69 -0.80	73.26 2.47 -0.33	73.07 2.39 -0.35	73.33 2.47 -0.32	74.91 2.70 -1.29	84.46 3.10 -1.76	113.22 4.68 -2.15	167.59 5.76 -27.76	158.49 6.75 -4.93	130.75 4.81 -27.75	117.14 4.75 -15.44	97.03 4.28 -1.59	104.66 3.79 -20.16	102.22 3.60 -23.65	105.58 3.47 -31.26	119.81 3.58 -44.71	152.00 4.63 -50.89	163.89 4.84 -62.21	177.83 4.95 -75.84	163.58 4.74 -62.09	157.03 4.84 -55.35	135.61 4.19 -45.82	120.18 4.55 -20.85	113.23 3.36 -29.80
CH_MIDHUDSON___DRP 24192	75.83 4.04 -0.96	74.67 3.81 -0.39	74.41 3.66 -0.42	74.67 3.74 -0.38	76.45 3.97 -1.56	86.25 4.54 -2.12	115.50 6.70 -2.41	173.31 8.18 -31.07	161.99 9.54 -5.65	136.02 6.77 -31.07	120.92 6.69 -17.29	103.54 6.11 -6.28	108.76 5.49 -22.57	106.55 5.10 -26.47	110.73 4.89 -35.00	126.58 5.01 -50.05	159.91 6.46 -56.97	173.16 6.68 -69.63	188.83 6.89 -84.90	172.93 6.68 -69.51	165.48 6.68 -61.95	142.79 5.91 -51.30	124.57 6.45 -23.34	118.31 4.88 -33.36
CH_MISC_IPPS 23765	75.95 4.18 -0.93	74.87 4.01 -0.38	74.53 3.80 -0.41	74.87 3.95 -0.37	76.70 4.26 -1.52	86.43 4.78 -2.06	115.77 7.02 -2.36	172.97 8.45 -30.46	162.16 9.84 -5.52	135.61 6.97 -30.46	120.58 6.68 -16.95	102.83 6.20 -5.48	108.32 5.49 -22.12	106.10 5.17 -25.95	110.11 4.96 -34.31	125.67 5.08 -49.06	158.97 6.65 -55.85	172.08 6.98 -68.26	187.44 7.18 -83.22	171.85 6.97 -68.14	164.64 7.07 -60.73	141.95 6.08 -50.28	124.30 6.63 -22.88	117.82 5.05 -32.70
CH_RES_BVR_FALLS 23983	69.85 -0.99 0.00	69.83 -0.64 0.00	69.84 -0.49 0.00	69.98 -0.57 0.00	70.14 -0.78 0.00	78.80 -0.80 0.00	105.32 -1.06 0.00	133.13 -0.93 0.00	145.62 -1.18 0.00	96.61 -1.57 0.00	95.79 -1.16 0.00	90.15 -1.00 0.00	79.74 -0.96 0.00	73.93 -1.05 0.00	69.86 -0.99 0.00	70.53 -1.00 0.00	95.32 -1.15 0.00	95.68 -1.16 0.00	95.68 -1.36 0.00	95.48 -1.26 0.00	95.48 -1.36 0.00	84.39 -1.20 0.00	93.45 -1.33 0.00	79.11 -0.96 0.00
CH_RES_NIAGARA 23895	65.81 -5.03 0.00	64.69 -5.78 0.00	64.56 -5.77 0.00	65.04 -5.50 0.00	65.82 -5.11 0.00	73.70 -5.89 0.00	95.30 -11.49 -0.40	118.19 -18.37 -2.49	126.95 -20.85 -1.00	92.87 -10.51 -5.19	89.46 -10.37 -2.89	81.70 -10.39 -0.93	75.27 -9.20 -3.77	71.30 -8.10 -4.42	68.48 -8.22 -5.85	71.66 -8.23 -8.36	89.79 -12.44 -5.77	96.37 -12.10 -11.63	99.38 -11.84 -14.18	92.49 -12.67 -8.42	91.86 -12.59 -7.61	83.72 -10.44 -8.57	87.88 -10.80 -3.90	78.12 -7.53 -5.57
CH_RES_SYRACUSE 23985	69.85 -0.99 0.00	69.13 -1.34 0.00	68.99 -1.34 0.00	69.28 -1.27 0.00	70.00 -0.92 0.00	78.55 -1.04 0.00	105.29 -1.39 -0.29	136.12 -1.75 -3.80	145.32 -2.20 -0.71	101.49 -0.49 -3.80	98.18 -0.87 -2.11	90.56 -1.28 -0.68	82.41 -1.05 -2.76	77.32 -0.90 -3.24	74.20 -0.92 -4.28	76.86 -0.79 -6.12	102.18 -1.26 -6.96	104.09 -1.26 -8.51	106.45 -0.97 -10.38	103.96 -1.26 -8.48	103.15 -1.26 -7.57	90.58 -1.28 -6.27	96.11 -1.52 -2.85	82.86 -1.28 -4.08
CLINTON_WT_PWR 323605	69.78 -1.06 0.00	69.83 -0.64 0.00	69.70 -0.63 0.00	69.77 -0.77 0.00	69.57 -1.35 0.00	78.40 -1.19 0.00	104.04 -2.34 0.00	132.06 -2.01 0.00	144.31 -2.50 0.00	95.73 -2.45 0.00	95.39 -1.55 0.00	90.06 -1.09 0.00	79.82 -0.89 0.00	73.70 -1.28 0.00	69.36 -1.49 0.00	70.10 -1.43 0.00	95.12 -1.35 0.00	95.78 -1.06 0.00	95.78 -1.26 0.00	95.48 -1.26 0.00	95.39 -1.45 0.00	84.13 -1.46 0.00	92.98 -1.80 0.00	79.19 -0.88 0.00
CLINTON___LFGE 323618	71.19 0.36 0.00	71.17 0.70 0.00	71.03 0.70 0.00	71.11 0.56 0.00	70.99 0.07 0.00	80.15 0.56 0.00	105.96 -0.42 0.00	134.33 0.27 0.00	146.80 0.00 0.00	97.30 -0.89 0.00	96.75 -0.19 0.00	91.15 0.00 0.00	80.95 0.24 0.00	74.83 -0.15 0.00	70.56 -0.28 0.00	71.24 -0.28 0.00	96.66 0.19 0.00	97.42 0.58 0.00	97.53 0.49 0.00	96.94 0.19 0.00	96.94 0.10 0.00	85.50 -0.09 0.00	94.40 -0.38 0.00	80.87 0.80 0.00
COBBLENY_34_KV_TB1 80064	68.15 -2.69 0.00	67.02 -3.45 0.00	66.88 -3.45 0.00	67.30 -3.25 0.00	68.16 -2.77 0.00	76.65 -2.94 0.00	98.00 -8.83 -0.44	122.52 -13.94 -2.40	133.82 -14.09 -1.11	96.16 -7.76 -5.73	92.38 -7.76 -3.19	84.07 -8.11 -1.03	77.53 -7.34 -4.17	73.49 -6.37 -4.89	70.72 -6.59 -6.46	74.26 -6.51 -9.24	92.51 -9.84 -5.88	100.39 -9.30 -12.85	103.68 -9.02 -15.67	95.85 -9.77 -8.88	95.20 -9.68 -8.04	86.93 -8.13 -9.47	90.46 -8.63 -4.31	80.38 -5.85 -6.16
COFFEEN___115KV_TB3 355620	73.53 2.69 0.00	72.87 2.40 0.00	72.86 2.53 0.00	73.09 2.54 0.00	73.55 2.62 0.00	83.33 3.74 0.00	112.28 5.74 -0.15	143.65 7.64 -1.94	154.44 7.63 0.00	104.84 4.71 -1.94	102.10 4.07 -1.08	94.69 3.19 -0.35	84.86 2.74 -1.41	79.03 2.40 -1.65	75.37 2.34 -2.19	77.44 2.79 -3.13	104.76 4.73 -3.56	106.81 5.62 -4.35	108.26 5.92 -5.30	106.40 5.32 -4.33	106.23 5.52 -3.87	93.25 4.45 -3.20	100.98 4.74 -1.46	86.40 4.24 -2.08
COLDSPRG_115KV_BK1 355956	70.21 -0.85 -0.22	69.01 -1.55 -0.09	68.95 -1.48 -0.10	69.36 -1.27 -0.09	70.57 -0.71 -0.36	79.68 -0.40 -0.49	100.36 -6.49 -0.46	126.28 -10.05 -2.27	139.89 -8.07 -1.16	99.17 -5.01 -5.99	94.85 -5.43 -3.33	86.31 -5.92 -1.08	79.49 -5.57 -4.35	75.21 -4.87 -5.11	72.28 -5.31 -6.75	75.96 -5.22 -9.65	94.46 -7.81 -5.80	103.20 -7.07 -13.43	106.72 -6.70 -16.37	98.19 -7.55 -8.99	97.54 -7.46 -8.16	89.15 -6.33 -9.89	92.36 -6.92 -4.50	81.94 -4.56 -6.43
COLONIE_LFGE___ 323577	82.74 4.11 -7.79	77.61 3.94 -3.19	77.61 3.87 -3.41	77.60 3.95 -3.11	87.70 4.11 -12.67	101.41 4.61 -17.21	115.47 6.17 -2.91	179.16 7.50 -37.60	176.25 8.81 -20.64	141.86 6.09 -37.59	123.78 5.91 -20.92	103.98 5.47 -7.36	112.77 4.76 -27.31	111.43 4.42 -32.03	117.30 4.11 -42.35	136.31 4.22 -60.56	171.10 5.69 -68.94	187.01 5.91 -84.26	205.69 5.92 -102.73	187.01 5.80 -84.46	177.42 5.61 -74.97	152.71 5.05 -62.07	128.62 5.59 -28.25	125.16 4.72 -40.36
COOPERNY_115KV_TB1 80082	73.48 1.98 -0.66	72.50 1.76 -0.27	72.31 1.69 -0.29	72.57 1.76 -0.26	73.90 1.91 -1.07	83.27 2.23 -1.45	111.54 3.40 -1.75	160.76 4.16 -22.54	155.82 4.99 -4.03	124.35 3.63 -22.54	112.98 3.49 -12.54	96.41 3.10 -2.16	99.82 2.74 -16.37	96.73 2.55 -19.20	98.72 2.48 -25.39	110.41 2.58 -36.31	141.08 3.28 -41.33	150.85 3.49 -50.52	162.22 3.59 -61.59	150.65 3.48 -50.43	145.37 3.58 -44.95	125.89 3.08 -37.21	115.03 3.32 -16.94	106.76 2.48 -24.20
COPENHAGEN_WT_PWR 323753	72.68 1.84 0.00	72.02 1.55 0.00	71.95 1.62 0.00	72.17 1.62 0.00	72.70 1.77 0.00	82.21 2.62 0.00	110.69 4.14 -0.16	141.58 5.50 -2.01	152.24 5.43 0.00	103.54 3.34 -2.01	100.97 2.91 -1.12	93.70 2.18 -0.36	84.02 1.86 -1.46	78.27 1.58 -1.72	74.67 1.56 -2.27	76.70 1.93 -3.24	103.54 3.37 -3.69	105.42 4.07 -4.51	106.91 4.37 -5.50	105.01 3.77 -4.49	104.83 3.97 -4.01	92.08 3.17 -3.32	99.70 3.41 -1.51	85.35 3.12 -2.16
CORNELL_____ 23752	72.19 1.06 -0.29	71.30 0.70 -0.12	71.09 0.63 -0.13	71.44 0.78 -0.12	72.46 1.06 -0.48	81.75 1.51 -0.65	108.43 1.49 -0.56	157.42 1.74 -21.61	150.06 1.76 -1.49	107.06 1.67 -7.21	102.12 1.16 -4.01	93.00 0.55 -1.30	86.34 0.40 -5.24	81.57 0.45 -6.14	79.32 0.35 -8.12	83.85 0.72 -11.61	130.98 1.25 -33.25	114.64 1.65 -16.16	118.87 2.13 -19.70	131.58 1.64 -33.19	127.60 1.74 -29.02	98.69 1.20 -11.90	101.33 1.14 -5.42	88.69 0.88 -7.74

CORONA__69_KV_TB1 355595	105.80 5.24 -29.72	99.32 4.86 -23.99	90.53 4.78 -15.42	92.16 4.87 -16.74	90.38 5.11 -14.35	96.17 5.73 -10.84	144.78 8.30 -30.10	175.29 10.59 -30.64	164.51 12.18 -5.52	137.46 8.64 -30.63	122.62 8.63 -17.05	107.78 8.02 -8.61	110.06 7.10 -22.25	107.75 6.67 -26.10	111.73 6.38 -34.51	136.68 6.44 -58.72	160.75 8.10 -56.18	206.60 8.62 -101.14	205.51 8.83 -99.64	196.26 8.61 -90.91	168.64 8.62 -63.18	151.56 7.53 -58.44	139.05 8.25 -36.03	135.79 6.33 -49.39
CORTLAND__115KV_TB3 80093	71.55 0.50 -0.22	70.70 0.14 -0.09	70.57 0.14 -0.10	70.85 0.21 -0.09	71.78 0.50 -0.36	80.88 0.80 -0.49	107.48 0.64 -0.46	144.38 0.54 -9.78	148.55 0.59 -1.16	104.98 0.88 -5.92	100.82 0.58 -3.29	92.22 0.00 -1.06	85.00 0.00 -4.30	80.09 0.07 -5.04	77.51 0.00 -6.66	81.27 0.21 -9.53	113.08 0.39 -16.22	110.78 0.68 -13.26	114.28 1.07 -16.17	115.23 0.68 -17.81	113.34 0.77 -15.72	95.79 0.43 -9.77	99.61 0.38 -4.45	86.66 0.24 -6.35
COXSACKIE__GT 23611	80.12 5.81 -3.47	77.81 5.92 -1.42	77.54 5.69 -1.52	77.72 5.79 -1.38	82.73 6.17 -5.64	94.33 7.08 -7.66	118.48 9.36 -2.73	178.25 8.98 -35.20	166.25 9.25 -10.19	139.08 5.69 -35.20	121.67 5.13 -19.59	102.22 4.74 -6.33	110.39 4.11 -25.57	109.02 4.05 -29.99	114.32 3.82 -39.65	132.45 4.22 -56.71	167.49 6.46 -64.55	182.80 7.07 -78.90	200.51 7.28 -96.19	182.65 7.06 -78.85	173.91 6.88 -70.20	149.36 5.65 -58.12	128.15 6.92 -26.45	123.79 5.93 -37.80
CPV_VALLEY__CC1 323721	73.69 2.12 -0.73	72.74 1.97 -0.30	72.47 1.83 -0.32	72.81 1.97 -0.29	74.23 2.13 -1.18	83.58 2.39 -1.60	112.10 3.72 -1.99	164.33 4.56 -25.70	156.79 5.43 -4.55	127.91 4.03 -25.70	115.13 3.88 -14.30	96.66 3.55 -1.95	102.52 3.14 -18.67	99.88 3.00 -21.90	102.64 2.84 -28.95	115.87 2.93 -41.40	147.36 3.76 -47.13	158.42 3.97 -57.61	171.35 4.07 -70.24	158.12 3.87 -57.50	152.07 3.97 -51.25	131.45 3.43 -42.44	117.79 3.69 -19.31	110.31 2.64 -27.60
CPV_VALLEY__CC2 323722	73.69 2.12 -0.73	72.74 1.97 -0.30	72.47 1.83 -0.32	72.81 1.97 -0.29	74.23 2.13 -1.18	83.58 2.39 -1.60	112.10 3.72 -1.99	164.33 4.56 -25.70	156.79 5.43 -4.55	127.91 4.03 -25.70	115.13 3.88 -14.30	96.66 3.55 -1.95	102.52 3.14 -18.67	99.88 3.00 -21.90	102.64 2.84 -28.95	115.87 2.93 -41.40	147.36 3.76 -47.13	158.42 3.97 -57.61	171.35 4.07 -70.24	158.12 3.87 -57.50	152.07 3.97 -51.25	131.45 3.43 -42.44	117.79 3.69 -19.31	110.31 2.64 -27.60
CRESCENT__HYD 24018	82.74 4.11 -7.79	77.61 3.94 -3.19	77.61 3.87 -3.41	77.60 3.95 -3.11	87.70 4.11 -12.67	101.41 4.61 -17.21	115.47 6.17 -2.91	179.16 7.50 -37.60	176.25 8.81 -20.64	141.86 6.09 -37.59	123.78 5.91 -20.92	103.98 5.47 -7.36	112.77 4.76 -27.31	111.43 4.42 -32.03	117.30 4.11 -42.35	136.31 4.22 -60.56	171.10 5.69 -68.94	187.01 5.91 -84.26	205.69 5.92 -102.73	187.01 5.80 -84.46	177.42 5.61 -74.97	152.71 5.05 -62.07	128.62 5.59 -28.25	125.16 4.72 -40.36
CRICKET__VALLEY_CC1 323756	75.78 3.82 -1.12	74.52 3.59 -0.46	74.27 3.45 -0.49	74.59 3.60 -0.45	76.57 3.83 -1.82	86.28 4.22 -2.47	115.06 6.17 -2.51	174.09 7.64 -32.39	162.07 9.11 -6.16	137.14 6.58 -32.38	121.46 6.50 -18.02	104.76 6.01 -7.59	109.55 5.33 -23.52	107.52 4.95 -27.59	112.00 4.67 -36.48	128.49 4.79 -52.17	161.94 6.08 -59.38	175.63 6.20 -72.58	191.84 6.30 -88.49	175.30 6.10 -72.46	167.52 6.10 -64.58	144.62 5.56 -53.47	125.18 6.07 -24.33	119.48 4.64 -34.77
CRICKET__VALLEY_CC2 323757	75.78 3.82 -1.12	74.52 3.59 -0.46	74.27 3.45 -0.49	74.59 3.60 -0.45	76.57 3.83 -1.82	86.28 4.22 -2.47	115.06 6.17 -2.51	174.09 7.64 -32.39	162.07 9.11 -6.16	137.14 6.58 -32.38	121.46 6.50 -18.02	104.76 6.01 -7.59	109.55 5.33 -23.52	107.52 4.95 -27.59	112.00 4.67 -36.48	128.49 4.79 -52.17	161.94 6.08 -59.38	175.63 6.20 -72.58	191.84 6.30 -88.49	175.30 6.10 -72.46	167.52 6.10 -64.58	144.62 5.56 -53.47	125.18 6.07 -24.33	119.48 4.64 -34.77
CRICKET__VALLEY_CC3 323758	75.78 3.82 -1.12	74.52 3.59 -0.46	74.27 3.45 -0.49	74.59 3.60 -0.45	76.57 3.83 -1.82	86.28 4.22 -2.47	115.06 6.17 -2.51	174.09 7.64 -32.39	162.07 9.11 -6.16	137.14 6.58 -32.38	121.46 6.50 -18.02	104.76 6.01 -7.59	109.55 5.33 -23.52	107.52 4.95 -27.59	112.00 4.67 -36.48	128.49 4.79 -52.17	161.94 6.08 -59.38	175.63 6.20 -72.58	191.84 6.30 -88.49	175.30 6.10 -72.46	167.52 6.10 -64.58	144.62 5.56 -53.47	125.18 6.07 -24.33	119.48 4.64 -34.77
CRUCIBLE__METL_DRP 24180	69.85 -0.99 0.00	69.13 -1.34 0.00	68.99 -1.34 0.00	69.28 -1.27 0.00	69.86 -1.06 0.00	78.56 -1.03 0.00	105.29 -1.38 -0.28	135.99 -1.74 -3.67	145.32 -2.20 -0.71	101.16 -0.69 -3.67	98.11 -0.87 -2.04	90.54 -1.28 -0.66	82.32 -1.05 -2.67	77.20 -0.90 -3.13	74.06 -0.92 -4.13	76.65 -0.79 -5.91	101.94 -1.25 -6.73	103.80 -1.26 -8.22	106.10 -0.97 -10.03	103.70 -1.26 -8.21	102.90 -1.26 -7.32	90.36 -1.28 -6.06	96.02 -1.52 -2.76	82.73 -1.28 -3.94
DAHOWA__HYDRO 323763	85.57 5.53 -9.20	79.59 5.35 -3.77	79.70 5.34 -4.03	79.65 5.43 -3.67	91.48 5.60 -14.95	106.12 6.21 -20.32	116.58 7.24 -2.96	181.07 8.85 -38.16	180.22 10.12 -23.29	143.11 6.77 -38.15	124.67 6.50 -21.23	104.31 5.75 -7.41	113.51 5.09 -27.72	112.14 4.65 -32.51	118.15 4.32 -42.98	137.43 4.44 -61.46	172.71 6.27 -69.97	188.95 6.59 -85.52	207.91 6.60 -104.26	189.11 6.58 -85.78	179.32 6.39 -76.09	154.23 5.65 -63.00	129.70 6.25 -28.67	127.21 6.17 -40.97
DANC__LFGE 323619	71.19 0.36 0.00	70.54 0.07 0.00	70.47 0.14 0.00	70.69 0.14 0.00	71.28 0.36 0.00	80.39 0.80 0.00	107.85 1.28 -0.18	138.05 1.61 -2.37	148.12 1.32 0.00	101.54 0.98 -2.37	98.95 0.68 -1.32	91.67 0.09 -0.43	82.51 0.08 -1.72	77.00 0.00 -2.02	73.52 0.00 -2.67	75.64 0.29 -3.82	101.79 0.96 -4.35	103.62 1.45 -5.32	105.28 1.75 -6.49	103.30 1.25 -5.30	102.93 1.36 -4.73	90.54 1.03 -3.92	97.61 1.04 -1.78	83.66 1.04 -2.55
DANSKAMMER__1 23586	75.95 4.18 -0.93	74.87 4.01 -0.38	74.53 3.80 -0.41	74.87 3.95 -0.37	76.70 4.26 -1.52	86.43 4.78 -2.06	115.77 7.02 -2.36	172.97 8.45 -30.46	162.16 9.84 -5.52	135.61 6.97 -30.46	120.58 6.68 -16.95	102.83 6.20 -5.48	108.32 5.49 -22.12	106.10 5.17 -25.95	110.11 4.96 -34.31	125.67 5.08 -49.06	158.97 6.65 -55.85	172.08 6.98 -68.26	187.44 7.18 -83.22	171.85 6.97 -68.14	164.64 7.07 -60.73	141.95 6.08 -50.28	124.30 6.63 -22.88	117.82 5.05 -32.70
DANSKAMMER__2 23589	75.95 4.18 -0.93	74.87 4.01 -0.38	74.53 3.80 -0.41	74.87 3.95 -0.37	76.70 4.26 -1.52	86.43 4.78 -2.06	115.77 7.02 -2.36	172.97 8.45 -30.46	162.16 9.84 -5.52	135.61 6.97 -30.46	120.58 6.68 -16.95	102.83 6.20 -5.48	108.32 5.49 -22.12	106.10 5.17 -25.95	110.11 4.96 -34.31	125.67 5.08 -49.06	158.97 6.65 -55.85	172.08 6.98 -68.26	187.44 7.18 -83.22	171.85 6.97 -68.14	164.64 7.07 -60.73	141.95 6.08 -50.28	124.30 6.63 -22.88	117.82 5.05 -32.70
DANSKAMMER__3 23590	75.95 4.18 -0.93	74.87 4.01 -0.38	74.53 3.80 -0.41	74.87 3.95 -0.37	76.70 4.26 -1.52	86.43 4.78 -2.06	115.77 7.02 -2.36	172.97 8.45 -30.46	162.16 9.84 -5.52	135.61 6.97 -30.46	120.58 6.68 -16.95	102.83 6.20 -5.48	108.32 5.49 -22.12	106.10 5.17 -25.95	110.11 4.96 -34.31	125.67 5.08 -49.06	158.97 6.65 -55.85	172.08 6.98 -68.26	187.44 7.18 -83.22	171.85 6.97 -68.14	164.64 7.07 -60.73	141.95 6.08 -50.28	124.30 6.63 -22.88	117.82 5.05 -32.70

DANSKAMMER___4 23591	75.95 4.18 -0.93	74.87 4.01 -0.38	74.53 3.80 -0.41	74.87 3.95 -0.37	76.70 4.26 -1.52	86.43 4.78 -2.06	115.77 7.02 -2.36	172.97 8.45 -30.46	162.16 9.84 -5.52	135.61 6.97 -30.46	120.58 6.68 -16.95	102.83 6.20 -5.48	108.32 5.49 -22.12	106.10 5.17 -25.95	110.11 4.96 -34.31	125.67 5.08 -49.06	158.97 6.65 -55.85	172.08 6.98 -68.26	187.44 7.18 -83.22	171.85 6.97 -68.14	164.64 7.07 -60.73	141.95 6.08 -50.28	124.30 6.63 -22.88	117.82 5.05 -32.70
DANSKAMMER___DIESEL 23592	75.95 4.18 -0.93	74.80 3.95 -0.38	74.54 3.80 -0.41	74.80 3.88 -0.37	76.62 4.18 -1.52	86.43 4.78 -2.06	115.77 7.02 -2.36	172.97 8.45 -30.46	162.16 9.84 -5.52	135.51 6.87 -30.45	120.58 6.69 -16.95	102.83 6.20 -5.48	108.31 5.49 -22.12	106.10 5.17 -25.95	110.11 4.96 -34.30	125.67 5.08 -49.06	158.97 6.66 -55.84	172.07 6.97 -68.26	187.44 7.18 -83.22	171.84 6.97 -68.13	164.64 7.07 -60.73	141.95 6.08 -50.28	124.30 6.63 -22.88	117.89 5.12 -32.70
DARBY___SOLAR 323810	85.03 5.17 -9.03	79.17 5.00 -3.70	79.28 4.99 -3.96	79.23 5.08 -3.60	90.77 5.17 -14.67	105.33 5.81 -19.93	116.25 6.91 -2.95	180.46 8.31 -38.08	179.45 9.69 -22.96	142.64 6.38 -38.07	124.34 6.21 -21.19	104.02 5.47 -7.40	113.20 4.84 -27.66	111.84 4.42 -32.44	117.84 4.11 -42.89	137.08 4.22 -61.34	172.27 5.98 -69.82	188.47 6.29 -85.34	207.39 6.30 -104.05	188.63 6.28 -85.60	178.87 6.10 -75.93	153.85 5.40 -62.86	129.46 6.07 -28.61	126.72 5.77 -40.88
DASHVILLE___HYD 23610	74.68 2.41 -1.43	73.31 2.26 -0.59	73.07 2.11 -0.63	73.30 2.19 -0.57	75.66 2.41 -2.33	85.62 2.87 -3.16	113.36 4.57 -2.40	170.37 5.36 -30.94	159.47 6.31 -6.35	133.54 4.42 -30.94	118.33 4.17 -17.22	100.18 3.83 -5.20	106.57 3.39 -22.47	104.64 3.30 -26.36	108.89 3.19 -34.85	124.66 3.29 -49.84	157.55 4.34 -56.73	170.83 4.65 -69.35	186.44 4.85 -84.55	170.63 4.64 -69.24	163.28 4.75 -61.70	140.70 4.02 -51.08	122.39 4.36 -23.25	116.49 3.20 -33.22
DEERFIELD_69_KV_DEERFIELD LD 355887	107.85 7.30 -29.72	101.37 6.91 -23.99	92.50 6.75 -15.42	94.34 7.05 -16.74	92.51 7.23 -14.35	98.87 8.44 -10.84	148.93 12.45 -30.10	180.04 15.28 -30.70	169.26 16.88 -5.57	140.11 11.29 -30.63	124.46 10.47 -17.05	109.42 9.66 -8.61	111.51 8.55 -22.25	109.10 8.02 -26.10	113.01 7.65 -34.51	138.61 8.37 -58.72	163.41 10.71 -56.23	227.80 10.75 -120.21	223.76 10.29 -116.43	209.83 10.84 -102.25	205.40 11.04 -97.52	153.76 9.67 -58.50	141.33 10.52 -36.03	138.35 8.89 -49.39
DELAWARE___LFGE 323621	74.56 2.41 -1.32	73.12 2.11 -0.54	73.02 2.11 -0.58	73.26 2.19 -0.52	75.40 2.34 -2.14	85.37 2.87 -2.91	111.35 3.94 -1.02	152.11 4.83 -13.22	157.29 5.73 -4.76	115.43 4.03 -13.22	107.98 3.68 -7.35	96.42 3.19 -2.08	93.13 2.82 -9.60	88.79 2.55 -11.26	88.15 2.41 -14.89	95.32 2.50 -21.29	124.18 3.47 -24.24	130.15 3.68 -29.63	136.95 3.78 -36.12	129.96 3.58 -29.63	126.98 3.78 -26.36	110.58 3.17 -21.82	108.12 3.41 -9.93	97.07 2.80 -14.19
DERFIELD_115KV_TB7 355931	71.62 0.78 0.00	71.17 0.70 0.00	71.03 0.70 0.00	71.25 0.71 0.00	71.70 0.78 0.00	80.55 0.96 0.00	107.66 1.28 0.00	135.67 1.61 0.00	148.71 1.91 0.00	99.56 1.37 0.00	98.21 1.26 0.00	92.25 1.09 0.00	81.67 0.97 0.00	75.88 0.90 0.00	71.70 0.85 0.00	72.39 0.86 0.00	97.63 1.16 0.00	98.10 1.26 0.00	98.30 1.26 0.00	97.91 1.16 0.00	98.10 1.26 0.00	86.62 1.03 0.00	95.92 1.14 0.00	80.95 0.88 0.00
DOGLEVILLE___HYD 23807	74.59 3.75 0.00	74.13 3.66 0.00	73.98 3.65 0.00	74.35 3.81 0.00	75.03 4.11 0.00	84.84 5.25 0.00	113.94 7.55 0.00	143.72 9.66 0.00	157.82 11.02 0.00	105.74 7.56 0.00	103.83 6.88 0.00	97.26 6.11 0.00	85.63 4.92 0.00	79.10 4.12 0.00	74.60 3.75 0.00	75.53 4.00 0.00	102.45 5.98 0.00	103.52 6.68 0.00	103.83 6.79 0.00	103.23 6.48 0.00	103.04 6.20 0.00	91.15 5.56 0.00	100.94 6.16 0.00	85.52 5.45 0.00
DUNKIRK___115KV_TB_200 55889	68.71 -2.13 0.00	67.58 -2.89 0.00	67.52 -2.81 0.00	67.94 -2.61 0.00	68.87 -2.06 0.00	77.52 -2.07 0.00	99.59 -7.23 -0.44	124.50 -11.93 -2.37	135.56 -12.33 -1.09	97.73 -6.09 -5.63	93.78 -6.30 -3.13	85.33 -6.84 -1.01	78.58 -6.21 -4.09	74.30 -5.47 -4.80	71.38 -5.81 -6.34	74.88 -5.72 -9.07	93.58 -8.68 -5.79	101.52 -7.94 -12.62	104.76 -7.67 -15.39	97.07 -8.42 -8.74	96.43 -8.33 -7.91	87.87 -7.02 -9.30	91.62 -7.39 -4.23	81.31 -4.80 -6.05
DUNKIRK___1 23563	68.71 -2.13 0.00	67.58 -2.89 0.00	67.52 -2.81 0.00	67.94 -2.61 0.00	68.87 -2.06 0.00	77.52 -2.07 0.00	99.59 -7.23 -0.44	124.50 -11.93 -2.37	135.56 -12.33 -1.09	97.73 -6.09 -5.63	93.78 -6.30 -3.13	85.33 -6.84 -1.01	78.58 -6.21 -4.09	74.30 -5.47 -4.80	71.38 -5.81 -6.34	74.88 -5.72 -9.07	93.58 -8.68 -5.79	101.52 -7.94 -12.62	104.76 -7.67 -15.39	97.07 -8.42 -8.74	96.43 -8.33 -7.91	87.87 -7.02 -9.30	91.62 -7.39 -4.23	81.31 -4.80 -6.05
DUNKIRK___2 23564	68.71 -2.13 0.00	67.58 -2.89 0.00	67.52 -2.81 0.00	67.94 -2.61 0.00	68.87 -2.06 0.00	77.52 -2.07 0.00	99.59 -7.23 -0.44	124.50 -11.93 -2.37	135.56 -12.33 -1.09	97.73 -6.09 -5.63	93.78 -6.30 -3.13	85.33 -6.84 -1.01	78.58 -6.21 -4.09	74.30 -5.47 -4.80	71.38 -5.81 -6.34	74.88 -5.72 -9.07	93.58 -8.68 -5.79	101.52 -7.94 -12.62	104.76 -7.67 -15.39	97.07 -8.42 -8.74	96.43 -8.33 -7.91	87.87 -7.02 -9.30	91.62 -7.39 -4.23	81.31 -4.80 -6.05
DUNKIRK___3 23565	68.36 -2.48 0.00	67.23 -3.24 0.00	67.17 -3.16 0.00	67.58 -2.96 0.00	68.44 -2.48 0.00	77.04 -2.55 0.00	98.84 -7.98 -0.43	123.58 -12.87 -2.38	134.67 -13.21 -1.08	96.88 -6.87 -5.57	93.07 -6.98 -3.10	84.77 -7.38 -1.00	77.97 -6.78 -4.05	73.80 -5.92 -4.75	70.89 -6.23 -6.28	74.35 -6.15 -8.98	92.99 -9.26 -5.78	100.71 -8.62 -12.49	104.02 -8.25 -15.23	96.34 -9.09 -8.69	95.70 -9.01 -7.87	87.26 -7.53 -9.20	91.01 -7.96 -4.19	80.77 -5.28 -5.98
DUNKIRK___4 23566	68.36 -2.48 0.00	67.23 -3.24 0.00	67.17 -3.16 0.00	67.58 -2.96 0.00	68.44 -2.48 0.00	77.04 -2.55 0.00	98.84 -7.98 -0.43	123.58 -12.87 -2.38	134.67 -13.21 -1.08	96.88 -6.87 -5.57	93.07 -6.98 -3.10	84.77 -7.38 -1.00	77.97 -6.78 -4.05	73.80 -5.92 -4.75	70.89 -6.23 -6.28	74.35 -6.15 -8.98	92.99 -9.26 -5.78	100.71 -8.62 -12.49	104.02 -8.25 -15.23	96.34 -9.09 -8.69	95.70 -9.01 -7.87	87.26 -7.53 -9.20	91.01 -7.96 -4.19	80.77 -5.28 -5.98
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	75.86 4.11 -0.91	74.58 3.73 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.38 3.97 -1.48	86.07 4.46 -2.02	115.57 6.81 -2.38	173.43 8.71 -30.65	162.75 10.42 -5.52	136.20 7.36 -30.65	121.37 7.37 -17.06	106.58 6.84 -8.59	109.02 6.05 -22.27	106.72 5.62 -26.12	110.69 5.31 -34.53	126.34 5.44 -49.38	159.62 6.95 -56.21	172.71 7.17 -68.70	188.08 7.28 -83.76	172.38 7.06 -68.58	165.13 7.17 -61.12	142.45 6.25 -50.61	124.54 6.73 -23.03	118.11 5.12 -32.91
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	74.98 3.26 -0.88	73.86 3.03 -0.36	73.60 2.88 -0.39	73.93 3.03 -0.35	75.55 3.19 -1.43	85.28 3.74 -1.94	114.28 5.64 -2.26	170.05 6.84 -29.15	159.98 7.93 -5.25	132.93 5.60 -29.15	118.59 5.43 -16.22	100.16 5.01 -4.00	106.32 4.44 -21.17	104.01 4.20 -24.84	107.72 4.04 -32.83	122.63 4.15 -46.96	155.32 5.40 -53.45	167.89 5.71 -65.33	182.52 5.82 -79.65	167.57 5.61 -65.21	160.68 5.71 -58.13	138.68 4.96 -48.13	122.08 5.40 -21.90	115.37 4.00 -31.30

E179THST_138_KV_TB4_REV_LBMP_J 345001	76.00 4.25 -0.91	74.65 3.81 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.51 3.90 -2.02	115.04 6.28 -2.38	173.03 8.31 -30.66	162.89 10.57 -5.52	136.40 7.56 -30.65	121.66 7.66 -17.06	106.95 7.20 -8.59	109.35 6.38 -22.27	107.02 5.92 -26.12	111.05 5.67 -34.53	126.56 5.65 -49.38	159.63 6.95 -56.21	172.62 7.07 -68.71	188.09 7.28 -83.77	172.39 7.06 -68.58	165.33 7.36 -61.13	142.80 6.59 -50.62	125.11 7.30 -23.03	118.51 5.52 -32.91
E179THST_13_KV_LOAD 356214	76.28 4.53 -0.91	74.86 4.02 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.83 4.22 -2.02	115.57 6.81 -2.38	173.70 8.98 -30.66	163.48 11.16 -5.52	136.89 8.05 -30.65	122.15 8.14 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.92 6.01 -49.38	160.11 7.43 -56.21	173.20 7.65 -68.71	188.57 7.76 -83.77	172.87 7.55 -68.58	165.81 7.84 -61.13	143.32 7.10 -50.62	125.59 7.77 -23.03	118.83 5.85 -32.91
EAST HAMPTON___GT 23717	107.64 7.08 -29.72	101.29 6.83 -23.99	92.50 6.75 -15.42	94.41 7.12 -16.74	92.58 7.31 -14.35	98.79 8.35 -10.84	149.03 12.55 -30.10	180.04 15.28 -30.70	168.82 16.44 -5.57	139.62 10.80 -30.64	123.68 9.69 -17.05	108.87 9.11 -8.61	111.20 8.24 -22.25	108.73 7.65 -26.10	112.51 7.15 -34.51	138.11 7.87 -58.72	162.84 10.13 -56.24	226.45 9.39 -120.22	222.22 8.74 -116.44	208.87 9.87 -102.25	204.44 10.07 -97.53	152.99 8.90 -58.50	140.48 9.67 -36.03	138.04 8.57 -49.39
EAST RIVER___6 23660	75.57 3.82 -0.91	74.37 3.52 -0.37	74.11 3.38 -0.40	74.51 3.60 -0.36	76.16 3.76 -1.48	85.74 4.14 -2.02	115.36 6.60 -2.38	173.57 8.85 -30.66	163.03 10.71 -5.52	136.59 7.75 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.37 -22.27	107.02 5.92 -26.12	111.04 5.67 -34.53	126.56 5.65 -49.38	159.53 6.85 -56.21	172.02 7.07 -68.11	186.99 6.99 -82.96	171.75 6.87 -68.14	165.03 7.07 -61.13	142.44 6.24 -50.61	124.54 6.73 -23.03	117.95 4.97 -32.91
EAST RIVER___7 23524	75.57 3.82 -0.91	74.37 3.52 -0.37	74.11 3.38 -0.40	74.51 3.60 -0.36	76.16 3.76 -1.48	85.74 4.14 -2.02	115.36 6.60 -2.38	173.57 8.85 -30.66	163.03 10.71 -5.52	136.59 7.75 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.37 -22.27	107.02 5.92 -26.12	111.04 5.67 -34.53	126.56 5.65 -49.38	159.53 6.85 -56.21	172.02 7.07 -68.11	186.99 6.99 -82.96	171.75 6.87 -68.14	165.03 7.07 -61.13	142.44 6.24 -50.61	124.54 6.73 -23.03	117.95 4.97 -32.91
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	75.64 3.90 -0.91	74.44 3.59 -0.37	74.17 3.45 -0.40	74.51 3.60 -0.36	76.15 3.76 -1.47	85.89 4.30 -2.00	115.24 6.49 -2.36	172.88 8.31 -30.50	162.13 10.71 -5.49	135.75 7.07 -30.50	120.90 6.98 -16.97	106.33 6.47 -8.71	108.59 5.73 -22.15	106.29 5.32 -25.99	110.30 5.10 -34.35	125.81 5.15 -49.13	158.96 6.56 -55.93	172.08 6.88 -68.36	187.37 6.99 -83.34	171.75 6.77 -68.23	164.53 6.88 -60.82	141.94 5.99 -50.36	124.14 6.45 -22.92	117.70 4.88 -32.75
EAST_HAMPTON___DIESEL 23722	107.50 6.95 -29.72	101.16 6.70 -23.99	92.44 6.68 -15.42	94.34 7.05 -16.74	92.52 7.24 -14.35	98.71 8.28 -10.84	148.93 12.44 -30.10	179.91 15.14 -30.70	168.53 16.15 -5.57	139.52 10.70 -30.64	123.50 9.51 -17.05	108.79 9.03 -8.61	111.03 8.07 -22.25	108.58 7.50 -26.10	112.37 7.02 -34.51	137.97 7.73 -58.72	162.65 9.94 -56.24	226.36 9.30 -120.22	221.92 8.44 -116.44	208.67 9.67 -102.25	204.25 9.88 -97.53	152.82 8.73 -58.50	140.29 9.48 -36.03	137.87 8.41 -49.39
EAST_POINT___SOLAR 323840	86.42 6.30 -9.28	80.40 6.13 -3.80	80.51 6.12 -4.07	80.46 6.21 -3.70	92.40 6.39 -15.09	107.49 7.40 -20.50	119.94 10.32 -3.24	188.57 12.74 -41.76	183.99 14.24 -22.95	147.50 7.56 -41.75	125.51 5.33 -23.23	103.51 4.47 -7.89	116.77 5.73 -30.33	115.88 5.32 -35.58	122.84 4.96 -47.03	144.01 5.22 -67.26	181.62 8.58 -76.57	200.02 9.59 -93.59	220.66 9.52 -114.10	200.04 9.49 -93.81	189.31 9.20 -83.27	162.24 7.71 -68.94	134.50 8.34 -31.37	131.79 6.89 -44.83
EAST_PULASKI___ESR 323781	69.70 -1.14 0.00	69.06 -1.41 0.00	68.85 -1.48 0.00	69.20 -1.34 0.00	69.86 -1.06 0.00	78.55 -1.04 0.00	105.00 -1.59 -0.21	134.51 -2.28 -2.72	144.01 -2.79 0.00	99.63 -1.28 -2.72	96.91 -1.55 -1.52	89.82 -1.82 -0.49	80.98 -1.70 -1.98	75.80 -1.50 -2.32	72.42 -1.49 -3.07	74.63 -1.29 -4.39	100.02 -1.44 -4.99	101.79 -1.16 -6.11	103.51 -0.97 -7.44	101.57 -1.26 -6.08	101.01 -1.26 -5.43	88.97 -1.12 -4.50	95.50 -1.33 -2.05	81.88 -1.12 -2.92
EAST_RIVER___1 323558	75.86 4.11 -0.91	74.65 3.80 -0.37	74.31 3.58 -0.40	74.72 3.81 -0.36	76.38 3.97 -1.48	85.98 4.37 -2.02	115.67 6.91 -2.38	173.70 8.98 -30.66	163.19 10.86 -5.52	136.69 7.86 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.37 -22.27	107.09 6.00 -26.12	111.04 5.67 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	172.31 7.36 -68.11	187.47 7.47 -82.96	172.14 7.26 -68.14	165.32 7.36 -61.13	142.62 6.42 -50.61	124.73 6.92 -23.03	118.11 5.13 -32.91
EAST_RIVER___2 323559	75.57 3.82 -0.91	74.37 3.52 -0.37	74.11 3.38 -0.40	74.51 3.60 -0.36	76.16 3.76 -1.48	85.74 4.14 -2.02	115.36 6.60 -2.38	173.57 8.85 -30.66	163.03 10.71 -5.52	136.59 7.75 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.37 -22.27	107.02 5.92 -26.12	111.04 5.67 -34.53	126.56 5.65 -49.38	159.53 6.85 -56.21	172.02 7.07 -68.11	186.99 6.99 -82.96	171.75 6.87 -68.14	165.03 7.07 -61.13	142.44 6.24 -50.61	124.54 6.73 -23.03	117.95 4.97 -32.91
EAST___DELAWARE_HYD 23607	75.04 3.26 -0.94	74.03 3.17 -0.39	73.70 2.95 -0.41	74.02 3.10 -0.38	75.79 3.33 -1.53	85.65 3.98 -2.08	114.46 5.95 -2.12	168.30 6.83 -27.41	159.99 8.07 -5.12	131.18 5.59 -27.40	117.33 5.13 -15.25	99.63 4.65 -3.83	104.72 4.11 -19.91	102.30 3.97 -23.35	105.54 3.82 -30.87	119.75 4.07 -44.14	152.22 5.50 -50.25	164.17 5.91 -61.42	178.14 6.22 -74.88	164.06 6.00 -61.31	157.59 6.10 -54.64	135.97 5.14 -45.24	121.06 5.69 -20.59	113.74 4.24 -29.42
EIGHT_POINT___WT_PWR 323820	69.53 -1.56 -0.25	68.60 -1.97 -0.10	68.61 -1.83 -0.11	69.16 -1.48 -0.10	70.76 -0.57 -0.41	79.43 -0.72 -0.56	102.97 -3.93 -0.52	127.12 -6.30 0.65	141.53 -6.60 -1.32	101.97 -2.94 -6.73	96.43 -4.26 -3.75	87.53 -4.83 -1.21	81.24 -4.36 -4.89	76.89 -3.82 -5.74	74.40 -4.04 -7.59	78.65 -3.72 -10.85	93.74 -4.82 -2.08	107.87 -4.06 -15.09	112.04 -3.40 -18.40	99.01 -4.06 -6.33	98.79 -3.97 -5.92	93.12 -3.59 -11.12	95.95 -3.89 -5.06	84.66 -2.64 -7.23
ELBRIDGE_115KV_TB2 80188	69.49 -1.35 0.00	68.85 -1.62 0.00	68.64 -1.69 0.00	68.92 -1.62 0.00	69.58 -1.35 0.00	78.24 -1.35 0.00	104.56 -2.13 -0.30	134.97 -2.95 -3.85	144.17 -3.38 -0.74	100.46 -1.57 -3.85	97.44 -1.65 -2.14	89.84 -2.01 -0.69	81.81 -1.69 -2.80	76.76 -1.50 -3.28	73.70 -1.49 -4.34	76.37 -1.36 -6.20	101.60 -1.93 -7.06	103.63 -1.84 -8.63	106.01 -1.55 -10.52	103.52 -1.84 -8.62	102.68 -1.84 -7.68	90.15 -1.80 -6.36	95.68 -1.99 -2.89	82.52 -1.68 -4.13
ELEC_TRO_TEK 24086	105.51 4.96 -29.72	99.11 4.65 -23.99	90.25 4.50 -15.42	91.94 4.66 -16.74	90.17 4.89 -14.35	95.93 5.49 -10.84	144.57 8.09 -30.10	175.03 10.32 -30.64	164.21 11.89 -5.52	137.16 8.35 -30.63	122.23 8.24 -17.05	107.51 7.75 -8.61	109.82 6.86 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.54 6.29 -58.72	160.56 7.91 -56.18	206.31 8.33 -101.14	205.12 8.44 -99.64	195.88 8.22 -90.91	168.35 8.33 -63.18	151.30 7.28 -58.44	138.67 7.87 -36.03	135.55 6.09 -49.39

ELLENBURG_WT_PWR 323604	69.78 -1.06 0.00	69.83 -0.64 0.00	69.70 -0.63 0.00	69.77 -0.77 0.00	69.57 -1.35 0.00	78.40 -1.19 0.00	104.04 -2.34 0.00	132.06 -2.01 0.00	144.31 -2.50 0.00	95.73 -2.45 0.00	95.39 -1.55 0.00	90.06 -1.09 0.00	79.82 -0.89 0.00	73.70 -1.28 0.00	69.36 -1.49 0.00	70.10 -1.43 0.00	95.12 -1.35 0.00	95.78 -1.06 0.00	95.78 -1.26 0.00	95.48 -1.26 0.00	95.39 -1.45 0.00	84.13 -1.46 0.00	92.98 -1.80 0.00	79.19 -0.88 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	67.51 -3.33 0.00	66.31 -4.16 0.00	66.18 -4.15 0.00	66.67 -3.88 0.00	67.52 -3.40 0.00	75.85 -3.74 0.00	97.55 -9.26 -0.42	121.74 -14.75 -2.42	132.00 -15.85 -1.05	95.47 -8.15 -5.44	91.83 -8.14 -3.02	83.65 -8.48 -0.98	77.07 -7.59 -3.95	73.01 -6.60 -4.63	70.17 -6.80 -6.12	73.56 -6.72 -8.76	91.92 -10.32 -5.77	99.24 -9.78 -12.18	102.38 -9.51 -14.85	95.08 -10.25 -8.59	94.44 -10.17 -7.77	86.09 -8.47 -8.97	89.96 -8.91 -4.08	79.90 -6.01 -5.84
EMPIRE_CC_1 323656	76.73 3.40 -2.49	74.73 3.24 -1.02	74.59 3.17 -1.09	74.79 3.25 -0.99	78.38 3.40 -4.05	88.84 3.74 -5.50	114.38 5.21 -2.78	176.10 6.17 -35.86	163.86 7.48 -9.57	139.44 5.40 -35.86	122.13 5.23 -19.95	103.24 4.83 -7.25	111.03 4.27 -26.05	109.50 3.97 -30.55	114.99 3.75 -40.39	133.08 3.79 -57.77	167.24 5.01 -65.76	182.25 5.03 -80.37	200.17 5.14 -97.99	182.08 5.03 -80.30	173.28 4.94 -71.51	149.24 4.45 -59.21	126.65 4.93 -26.94	122.50 3.92 -38.50
EMPIRE_CC_2 323658	76.73 3.40 -2.49	74.73 3.24 -1.02	74.59 3.17 -1.09	74.79 3.25 -0.99	78.38 3.40 -4.05	88.84 3.74 -5.50	114.38 5.21 -2.78	176.10 6.17 -35.86	163.86 7.48 -9.57	139.44 5.40 -35.86	122.13 5.23 -19.95	103.24 4.83 -7.25	111.03 4.27 -26.05	109.50 3.97 -30.55	114.99 3.75 -40.39	133.08 3.79 -57.77	167.24 5.01 -65.76	182.25 5.03 -80.37	200.17 5.14 -97.99	182.08 5.03 -80.30	173.28 4.94 -71.51	149.24 4.45 -59.21	126.65 4.93 -26.94	122.50 3.92 -38.50
ENORWICH_115KV_TB1 80156	76.76 5.31 -0.61	75.58 4.86 -0.25	75.73 5.13 -0.27	76.15 5.36 -0.24	77.52 5.60 -0.99	88.18 7.24 -1.35	116.92 9.79 -0.75	160.88 12.47 -14.35	162.73 13.36 -2.57	116.71 8.84 -9.69	110.00 7.66 -5.39	99.19 6.29 -1.74	93.07 5.33 -7.04	87.96 4.72 -8.26	86.16 4.39 -10.92	92.22 5.08 -15.61	128.63 7.91 -24.25	127.37 8.81 -21.72	132.84 9.32 -26.48	132.48 8.51 -27.22	129.62 8.72 -24.06	108.61 7.02 -16.00	109.64 7.58 -7.28	96.96 6.49 -10.41
ERIE_ST__34_KV_TB1-2 80199	68.43 -2.41 0.00	67.30 -3.17 0.00	67.17 -3.16 0.00	67.58 -2.96 0.00	68.44 -2.48 0.00	77.04 -2.55 0.00	97.03 -9.79 -0.44	122.04 -14.48 -2.46	134.83 -13.07 -1.09	95.46 -8.35 -5.63	91.54 -8.53 -3.13	83.41 -8.75 -1.01	76.96 -7.83 -4.09	72.87 -6.90 -4.79	70.10 -7.08 -6.34	73.58 -7.01 -9.06	91.96 -10.42 -5.91	99.57 -9.88 -12.61	102.90 -9.51 -15.37	95.23 -10.35 -8.84	94.57 -10.27 -8.00	86.15 -8.73 -9.29	89.72 -9.29 -4.23	79.55 -6.57 -6.04
ERIE_WT_PWR 323693	67.93 -2.91 0.00	66.80 -3.67 0.00	66.67 -3.66 0.00	67.09 -3.46 0.00	68.51 -2.41 0.00	76.41 -3.19 0.00	97.88 -8.94 -0.43	122.28 -14.21 -2.43	133.34 -14.54 -1.07	96.87 -6.88 -5.56	92.09 -7.95 -3.09	83.86 -8.29 -1.00	77.32 -7.42 -4.04	73.27 -6.45 -4.74	70.38 -6.73 -6.26	73.84 -6.65 -8.96	92.09 -10.23 -5.84	99.82 -9.49 -12.46	103.01 -9.22 -15.19	95.52 -9.96 -8.73	94.87 -9.88 -7.90	86.47 -8.30 -9.18	90.33 -8.62 -4.18	80.28 -5.77 -5.97
ESPRGFLD_115KV_TB1 80157	80.96 3.47 -6.65	76.44 3.24 -2.72	76.48 3.24 -2.91	76.51 3.32 -2.65	85.21 3.48 -10.81	98.58 4.30 -14.69	112.56 6.17 0.00	141.84 7.78 0.00	172.42 8.66 -16.95	103.48 5.30 0.00	101.40 4.46 0.00	94.80 3.65 0.00	84.26 3.55 0.00	78.20 3.22 0.00	73.82 2.98 0.00	74.82 3.29 0.00	101.68 5.21 0.00	102.55 5.71 0.00	102.86 5.82 0.00	102.79 5.61 -0.44	102.46 5.62 0.00	90.13 4.54 0.00	99.61 4.83 0.00	84.00 3.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	72.12 0.99 -0.30	71.15 0.56 -0.12	71.02 0.56 -0.13	71.37 0.71 -0.12	72.40 0.99 -0.48	81.60 1.35 -0.65	108.33 1.38 -0.56	154.25 1.47 -18.71	149.76 1.47 -1.49	106.93 1.57 -7.18	102.01 1.07 -4.00	92.90 0.46 -1.29	86.24 0.32 -5.22	81.47 0.37 -6.12	79.22 0.28 -8.09	83.74 0.64 -11.57	126.83 1.16 -29.20	114.48 1.55 -16.09	118.60 1.94 -19.62	128.01 1.55 -29.72	124.43 1.55 -26.04	98.47 1.03 -11.86	101.22 1.04 -5.40	88.58 0.80 -7.71
ETNA____115KV_TB2 80207	72.12 0.99 -0.30	71.15 0.56 -0.12	71.02 0.56 -0.13	71.37 0.71 -0.12	72.40 0.99 -0.48	81.60 1.35 -0.65	108.33 1.38 -0.56	154.25 1.47 -18.71	149.76 1.47 -1.49	106.93 1.57 -7.18	102.01 1.07 -4.00	92.90 0.46 -1.29	86.24 0.32 -5.22	81.47 0.37 -6.12	79.22 0.28 -8.09	83.74 0.64 -11.57	126.83 1.16 -29.20	114.48 1.55 -16.09	118.60 1.94 -19.62	128.01 1.55 -29.72	124.43 1.55 -26.04	98.47 1.03 -11.86	101.22 1.04 -5.40	88.58 0.80 -7.71
EUCLID____115KV_TB2 356179	68.92 -1.91 0.00	68.29 -2.18 0.00	68.08 -2.25 0.00	68.43 -2.12 0.00	69.01 -1.91 0.00	77.60 -1.99 0.00	103.65 -2.98 -0.25	134.70 -2.55 -3.18	143.87 -2.94 0.00	100.09 -1.28 -3.18	97.36 -1.36 -1.77	89.99 -1.73 -0.57	81.48 -1.53 -2.31	76.34 -1.35 -2.71	73.09 -1.35 -3.59	75.51 -1.14 -5.13	99.51 -2.80 -5.84	101.36 -2.61 -7.14	103.41 -2.33 -8.70	101.24 -2.61 -7.11	100.58 -2.61 -6.35	88.37 -2.48 -5.26	94.42 -2.75 -2.39	81.17 -2.32 -3.42
E_CANADA_CAP_HY 24051	84.21 4.75 -8.63	78.58 4.58 -3.53	78.68 4.57 -3.78	78.64 4.65 -3.44	89.77 4.83 -14.02	104.29 5.65 -19.05	117.73 7.98 -3.36	187.22 9.78 -43.37	179.13 10.86 -21.46	147.93 6.38 -43.37	126.21 5.13 -24.13	103.66 4.38 -8.13	116.73 4.52 -31.51	116.05 4.12 -36.95	123.52 3.82 -48.85	145.54 4.15 -69.87	182.65 6.65 -79.53	201.41 7.36 -97.21	222.93 7.37 -118.52	201.47 7.35 -97.38	190.49 7.17 -86.49	163.10 5.90 -71.61	133.82 6.45 -32.59	131.84 5.20 -46.57
E_CANADA_MHWK_HY 24050	74.59 3.75 0.00	74.13 3.66 0.00	73.98 3.65 0.00	74.35 3.81 0.00	75.03 4.11 0.00	84.84 5.25 0.00	113.94 7.55 0.00	143.72 9.66 0.00	157.82 11.02 0.00	105.74 7.56 0.00	103.83 6.88 0.00	97.26 6.11 0.00	85.63 4.92 0.00	79.10 4.12 0.00	74.60 3.75 0.00	75.53 4.00 0.00	102.45 5.98 0.00	103.52 6.68 0.00	103.83 6.79 0.00	103.23 6.48 0.00	103.04 6.20 0.00	91.15 5.56 0.00	100.94 6.16 0.00	85.52 5.45 0.00
E_FISHKILL____LBMP 23776	75.55 3.75 -0.96	74.39 3.52 -0.39	74.13 3.38 -0.42	74.39 3.46 -0.38	76.18 3.69 -1.56	85.86 4.14 -2.13	115.13 6.28 -2.47	173.65 7.78 -31.81	161.96 9.40 -5.76	136.66 6.68 -31.81	121.23 6.59 -17.70	105.01 6.11 -7.75	109.22 5.41 -23.10	107.10 5.02 -27.10	111.49 4.82 -35.83	127.63 4.86 -51.24	161.07 6.27 -58.32	174.52 6.39 -71.29	190.46 6.50 -86.91	174.29 6.39 -71.16	166.66 6.39 -63.42	143.75 5.65 -52.51	124.84 6.16 -23.90	118.87 4.64 -34.15
FALCON____SEABRD_CC1 323796	70.84 0.00 0.00	70.82 0.35 0.00	70.68 0.35 0.00	70.83 0.28 0.00	70.64 -0.28 0.00	79.67 0.08 0.00	105.11 -1.27 0.00	133.40 -0.67 0.00	145.78 -1.02 0.00	96.61 -1.57 0.00	96.17 -0.78 0.00	90.70 -0.45 0.00	80.38 -0.32 0.00	74.37 -0.60 0.00	70.07 -0.78 0.00	70.74 -0.79 0.00	95.99 -0.48 0.00	96.65 -0.19 0.00	96.75 -0.29 0.00	96.26 -0.48 0.00	96.26 -0.58 0.00	84.90 -0.69 0.00	93.74 -1.04 0.00	80.56 0.48 0.00

FALCON___SEABRD_CC2 323797	70.84 0.00 0.00	70.82 0.35 0.00	70.68 0.35 0.00	70.83 0.28 0.00	70.64 -0.28 0.00	79.67 0.08 0.00	105.11 -1.27 0.00	133.40 -0.67 0.00	145.78 -1.02 0.00	96.61 -1.57 0.00	96.17 -0.78 0.00	90.70 -0.45 0.00	80.38 -0.32 0.00	74.37 -0.60 0.00	70.07 -0.78 0.00	70.74 -0.79 0.00	95.99 -0.48 0.00	96.65 -0.19 0.00	96.75 -0.29 0.00	96.26 -0.48 0.00	96.26 -0.58 0.00	84.90 -0.69 0.00	93.74 -1.04 0.00	80.56 0.48 0.00
FAR ROCKAWAY___4 23548	106.44 5.88 -29.72	99.96 5.50 -23.99	91.10 5.35 -15.42	92.79 5.50 -16.74	90.95 5.67 -14.35	96.88 6.45 -10.84	145.42 8.94 -30.10	176.23 11.53 -30.64	165.39 13.07 -5.52	138.34 9.52 -30.63	123.39 9.40 -17.05	108.51 8.75 -8.61	110.71 7.75 -22.25	108.35 7.27 -26.10	112.30 6.94 -34.51	137.04 6.80 -58.72	161.33 8.68 -56.18	207.28 9.30 -101.14	206.19 9.51 -99.64	196.94 9.29 -90.91	169.41 9.39 -63.18	152.16 8.13 -58.44	139.91 9.10 -36.03	136.51 7.05 -49.39
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	75.86 4.11 -0.91	74.58 3.73 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.38 3.97 -1.48	86.07 4.46 -2.02	115.68 6.92 -2.38	173.70 8.98 -30.65	163.19 10.86 -5.52	136.69 7.85 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.38 -22.27	107.02 5.92 -26.12	111.04 5.67 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	173.00 7.46 -68.70	188.27 7.47 -83.76	172.67 7.35 -68.58	165.32 7.36 -61.12	142.70 6.50 -50.61	124.83 7.01 -23.03	118.27 5.28 -32.91
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	75.86 4.11 -0.91	74.65 3.81 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.38 3.97 -1.48	86.07 4.46 -2.02	115.68 6.92 -2.38	173.70 8.98 -30.65	163.19 10.86 -5.52	136.69 7.85 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.38 -22.27	107.02 5.92 -26.12	111.04 5.67 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	173.00 7.46 -68.70	188.27 7.47 -83.76	172.67 7.35 -68.58	165.42 7.46 -61.12	142.70 6.50 -50.61	124.83 7.01 -23.03	118.27 5.28 -32.91
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	75.86 4.11 -0.91	74.58 3.73 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.70 8.98 -30.65	163.04 10.72 -5.52	136.59 7.76 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.38 -22.27	107.02 5.92 -26.12	110.97 5.60 -34.53	126.63 5.72 -49.38	159.72 7.04 -56.21	172.90 7.36 -68.70	188.27 7.47 -83.76	172.58 7.26 -68.58	165.32 7.36 -61.12	142.62 6.42 -50.61	124.73 6.92 -23.03	118.19 5.20 -32.91
FARRAGUT___LBMP 323566	75.79 4.04 -0.91	74.51 3.66 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.91 4.30 -2.02	115.57 6.81 -2.38	173.57 10.72 -30.65	163.04 10.72 -5.52	136.49 7.66 -30.65	121.66 7.66 -17.06	106.86 7.11 -8.59	109.27 6.29 -22.27	106.94 5.85 -26.12	110.90 5.53 -34.53	126.56 5.65 -49.38	159.72 7.04 -56.21	172.81 7.26 -68.70	188.18 7.38 -83.76	172.48 7.16 -68.58	165.23 7.26 -61.12	142.62 6.42 -50.61	124.73 6.92 -23.03	118.11 5.12 -32.91
FENNER___WINDPWR 24204	72.33 1.49 0.00	71.74 1.27 0.00	71.60 1.27 0.00	71.96 1.41 0.00	72.56 1.63 0.00	81.66 2.07 0.00	109.46 2.76 -0.31	143.75 3.48 -6.21	151.37 3.81 -0.75	105.04 2.85 -4.01	101.50 2.32 -2.23	93.70 1.82 -0.72	85.15 1.53 -2.91	79.82 1.42 -3.42	76.64 1.28 -4.52	79.49 1.50 -6.46	109.10 2.22 -10.41	108.25 2.42 -8.99	110.71 2.71 -10.96	110.64 2.32 -11.57	109.49 2.42 -10.23	94.09 1.88 -6.62	99.79 1.99 -3.01	86.14 1.76 -4.31
FIBERTEK___ENERGY 23856	69.85 -0.99 0.00	69.13 -1.34 0.00	68.99 -1.34 0.00	69.28 -1.27 0.00	69.86 -1.06 0.00	78.56 -1.03 0.00	105.29 -1.38 -0.28	135.99 -1.74 -3.67	145.32 -2.20 -0.71	101.16 -0.69 -3.67	98.11 -0.87 -2.04	90.54 -1.28 -0.66	82.32 -1.05 -2.67	77.20 -0.90 -3.13	74.06 -0.92 -4.13	76.65 -0.79 -5.91	101.94 -1.25 -6.73	103.80 -1.26 -8.22	106.10 -0.97 -10.03	103.70 -1.26 -8.21	102.90 -1.26 -7.32	90.36 -1.28 -6.06	96.02 -1.52 -2.76	82.73 -1.28 -3.94
FITZPATRICK___ 23598	68.07 -2.76 0.00	67.51 -2.96 0.00	67.31 -3.02 0.00	67.65 -2.90 0.00	68.23 -2.69 0.00	76.57 -3.02 0.00	102.31 -4.26 -0.18	130.67 -5.76 -2.36	140.20 -6.60 0.00	96.92 -3.63 -2.36	94.38 -3.88 -1.32	87.75 -3.82 -0.43	79.04 -3.39 -1.72	73.91 -3.08 -2.01	70.54 -2.97 -2.66	72.40 -2.94 -3.81	96.76 -4.05 -4.33	98.26 -3.88 -5.30	99.81 -3.69 -6.46	98.15 -3.87 -5.28	97.68 -3.88 -4.71	85.98 -3.51 -3.90	92.67 -3.89 -1.78	79.40 -3.21 -2.54
FLOWRFLD_69_KV_BK1 356044	107.36 6.80 -29.72	100.73 6.27 -23.99	91.87 6.12 -15.42	93.57 6.28 -16.74	91.73 6.45 -14.35	97.92 7.48 -10.84	147.55 11.06 -30.10	178.59 13.81 -30.72	167.81 15.41 -5.59	139.52 10.70 -30.63	124.36 10.37 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.95 7.87 -26.10	112.94 7.58 -34.51	138.40 8.15 -58.72	163.05 10.32 -56.25	234.40 10.75 -126.82	230.06 10.77 -122.25	213.46 10.55 -106.17	216.90 10.65 -109.41	153.69 9.59 -58.52	141.14 10.33 -36.03	137.71 8.25 -49.39
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	76.10 4.32 -0.94	75.01 4.16 -0.38	74.68 3.94 -0.41	75.01 4.09 -0.37	76.78 4.33 -1.53	86.68 5.01 -2.07	116.10 7.34 -2.38	173.59 8.85 -30.67	162.64 10.28 -5.56	136.02 7.17 -30.67	120.99 6.98 -17.07	103.53 6.38 -6.00	108.71 5.73 -22.28	106.51 5.40 -26.13	110.50 5.10 -34.55	126.23 5.29 -49.41	159.66 6.95 -56.24	172.85 7.26 -68.75	188.33 7.47 -83.81	172.62 7.47 -68.62	165.26 7.26 -61.16	142.56 6.33 -50.64	124.75 6.92 -23.05	118.29 5.28 -32.93
FORT ORANGE___ 23900	78.99 3.40 -4.76	75.73 3.31 -1.95	75.65 3.24 -2.08	75.76 3.32 -1.90	82.13 3.47 -7.73	93.92 3.82 -10.51	113.71 4.47 -2.86	174.80 3.89 -36.84	163.74 4.56 -12.38	138.26 3.24 -36.84	120.74 3.30 -20.50	101.51 3.19 -7.16	110.13 2.66 -26.76	108.99 2.62 -31.39	114.68 2.33 -41.50	133.16 2.29 -59.35	167.12 3.09 -67.56	182.61 3.19 -82.58	200.91 3.20 -100.67	182.41 3.10 -82.57	173.31 3.01 -73.47	148.98 2.57 -60.83	125.87 3.41 -27.68	122.99 3.36 -39.56
FORT_DRUM_COGEN 23780	72.96 2.13 0.00	72.30 1.83 0.00	72.30 1.97 0.00	72.52 1.98 0.00	72.98 2.06 0.00	82.62 3.02 0.00	111.32 4.79 -0.14	142.36 6.44 -1.86	153.41 6.61 0.00	104.07 4.03 -1.86	101.37 3.39 -1.04	94.22 2.73 -0.34	84.40 2.34 -1.35	78.59 2.02 -1.59	74.93 1.98 -2.10	76.89 2.36 -3.00	103.84 3.96 -3.42	105.76 4.75 -4.18	107.08 4.95 -5.09	105.35 4.45 -4.16	105.11 4.55 -3.72	92.35 3.68 -3.08	100.16 3.98 -1.40	85.68 3.60 -2.00
FOX_HILLS___ESR 323835	75.86 4.11 -0.91	74.44 3.59 -0.37	74.11 3.38 -0.40	74.44 3.53 -0.36	76.17 3.76 -1.48	85.59 3.98 -2.02	115.25 6.49 -2.38	173.57 8.85 -30.66	168.73 11.01 -10.92	139.94 7.95 -33.80	121.85 7.85 -17.06	107.04 7.29 -8.59	109.43 6.46 -22.27	107.09 6.00 -26.12	111.12 5.74 -34.53	126.70 5.79 -49.38	160.17 7.43 -56.27	173.10 7.55 -68.71	188.48 7.67 -83.77	172.87 7.55 -68.58	165.97 7.94 -61.19	171.14 7.02 -78.53	131.45 7.30 -29.37	174.07 5.69 -88.31
FPL FAR_ROCK_GT1 24212	106.43 5.88 -29.72	100.03 5.57 -23.99	91.17 5.42 -15.42	92.86 5.57 -16.74	91.09 5.82 -14.35	96.81 6.37 -10.84	145.42 8.94 -30.10	176.23 11.53 -30.64	165.24 12.92 -5.52	138.34 9.52 -30.64	123.39 9.40 -17.05	108.51 8.75 -8.61	110.71 7.75 -22.25	108.35 7.27 -26.10	112.30 6.95 -34.51	137.04 6.80 -58.72	161.34 8.69 -56.18	207.28 9.30 -101.14	206.20 9.52 -99.64	196.95 9.29 -90.91	169.41 9.39 -63.18	152.17 8.14 -58.44	139.91 9.10 -36.03	136.51 7.05 -49.39

FPL FAR_ROCK_GT2 23815	106.43 5.88 -29.72	100.03 5.57 -23.99	91.17 5.42 -15.42	92.86 5.57 -16.74	91.09 5.82 -14.35	96.81 6.37 -10.84	145.42 8.94 -30.10	176.23 11.53 -30.64	165.24 12.92 -5.52	138.34 9.52 -30.64	123.39 9.40 -17.05	108.51 8.75 -8.61	110.71 7.75 -22.25	108.35 7.27 -26.10	112.30 6.95 -34.51	137.04 6.80 -58.72	161.34 8.69 -56.18	207.28 9.30 -101.14	206.20 9.52 -99.64	196.95 9.29 -90.91	169.41 9.39 -63.18	152.17 8.14 -58.44	139.91 9.10 -36.03	136.51 7.05 -49.39
FRANKLIN_FALL_HYD 24054	71.19 0.35 0.00	71.32 0.85 0.00	71.17 0.84 0.00	71.32 0.78 0.00	71.35 0.43 0.00	80.23 0.64 0.00	115.54 9.15 0.00	145.73 11.66 0.00	158.40 11.60 0.00	104.96 6.77 0.00	103.83 6.88 0.00	96.90 5.74 0.00	86.92 6.21 0.00	80.68 5.70 0.00	76.59 5.74 0.00	76.75 5.22 0.00	103.32 6.85 0.00	104.78 7.94 0.00	105.19 8.15 0.00	103.13 6.39 0.00	103.62 6.78 0.00	91.50 5.91 0.00	102.17 7.39 0.00	88.16 8.09 0.00
FREEPORT_EQUUS_GT1 23764	105.94 5.38 -29.72	99.60 5.14 -23.99	90.67 4.92 -15.42	92.44 5.15 -16.74	90.60 5.32 -14.35	96.41 5.97 -10.84	144.89 8.40 -30.10	175.43 10.73 -30.64	164.36 12.04 -5.52	137.26 8.44 -30.64	122.33 8.34 -17.05	107.60 7.84 -8.61	109.90 6.94 -22.25	107.60 6.52 -26.10	111.59 6.24 -34.51	136.69 6.44 -58.72	160.85 8.20 -56.18	206.40 8.42 -101.14	205.22 8.54 -99.64	195.98 8.32 -90.91	168.44 8.42 -63.18	151.65 7.61 -58.44	138.96 8.15 -36.03	135.72 6.25 -49.39
FREEPORT___CT2 23818	105.94 5.38 -29.72	99.60 5.14 -23.99	90.67 4.92 -15.42	92.44 5.15 -16.74	90.60 5.32 -14.35	96.41 5.97 -10.84	144.89 8.40 -30.10	175.43 10.73 -30.64	164.36 12.04 -5.52	137.26 8.44 -30.64	122.33 8.34 -17.05	107.60 7.84 -8.61	109.90 6.94 -22.25	107.60 6.52 -26.10	111.59 6.24 -34.51	136.69 6.44 -58.72	160.85 8.20 -56.18	206.40 8.42 -101.14	205.22 8.54 -99.64	195.98 8.32 -90.91	168.44 8.42 -63.18	151.65 7.61 -58.44	138.96 8.15 -36.03	135.72 6.25 -49.39
FRESHKLS_33_KV_LOAD 356253	75.58 3.83 -0.91	74.23 3.38 -0.37	73.82 3.09 -0.40	74.23 3.32 -0.36	75.95 3.55 -1.48	85.35 3.74 -2.02	114.93 6.17 -2.38	173.17 8.45 -30.66	168.29 10.57 -10.92	139.64 7.66 -33.80	121.47 7.46 -17.06	64.70 6.93 33.38	64.65 6.13 22.19	64.55 5.70 16.13	110.83 5.46 -34.53	126.49 5.58 -49.38	159.88 7.14 -56.27	172.81 7.26 -68.71	188.28 7.47 -83.77	172.58 7.26 -68.58	165.77 7.75 -61.19	170.97 6.85 -78.53	131.16 7.01 -29.37	173.99 5.61 -88.31
FULTON COGEN____ 23766	68.85 -1.98 0.00	68.14 -2.33 0.00	68.01 -2.32 0.00	68.29 -2.26 0.00	68.87 -2.06 0.00	77.44 -2.15 0.00	103.53 -3.09 -0.23	132.77 -4.29 -3.00	141.81 -4.99 0.00	98.62 -2.55 -2.99	95.90 -2.71 -1.67	88.78 -2.92 -0.54	80.38 -2.50 -2.18	75.28 -2.25 -2.55	72.02 -2.20 -3.37	74.28 -2.07 -4.82	99.17 -2.80 -5.49	101.03 -2.52 -6.71	102.89 -2.33 -8.18	100.92 -2.52 -6.69	100.29 -2.52 -5.97	88.14 -2.40 -4.94	94.28 -2.75 -2.25	80.89 -2.40 -3.22
FULTON___LFGE 323630	85.88 5.59 -9.45	79.77 5.43 -3.87	79.89 5.42 -4.14	79.82 5.51 -3.77	91.95 5.68 -15.35	106.98 6.53 -20.86	118.63 9.04 -3.21	186.41 11.00 -41.35	182.47 12.33 -23.33	146.99 7.46 -41.35	126.45 6.50 -23.01	104.64 5.65 -7.84	116.23 5.49 -30.04	115.23 5.02 -35.23	122.10 4.67 -46.58	143.14 5.01 -66.61	179.91 7.62 -75.82	197.85 8.33 -92.68	218.38 8.35 -112.99	197.98 8.32 -92.92	187.43 8.14 -82.45	160.71 6.85 -68.27	133.34 7.49 -31.07	130.63 6.17 -44.40
G.F.CEMENT___DRP 24184	86.50 6.16 -9.50	80.35 5.99 -3.89	80.47 5.98 -4.16	80.40 6.07 -3.79	92.53 6.17 -15.44	107.57 7.00 -20.97	116.80 7.45 -2.97	181.34 8.98 -38.29	181.08 10.42 -23.85	143.35 6.87 -38.29	124.94 6.69 -21.31	104.41 5.83 -7.42	113.60 5.08 -27.82	112.18 4.57 -32.63	118.23 4.25 -43.13	137.50 4.29 -61.68	172.86 6.17 -70.22	189.25 6.59 -85.82	208.27 6.60 -104.63	189.52 6.68 -86.10	179.49 6.29 -76.36	154.37 5.56 -63.22	129.90 6.35 -28.77	127.91 6.73 -41.11
GARDENVILLE___LBMP 24039	67.72 -3.12 0.00	66.59 -3.88 0.00	66.46 -3.87 0.00	66.88 -3.67 0.00	67.73 -3.19 0.00	76.17 -3.42 0.00	97.66 -9.15 -0.43	121.97 -14.48 -2.39	132.75 -15.12 -1.07	95.65 -8.05 -5.52	91.97 -8.05 -3.07	83.76 -8.39 -0.99	77.21 -7.51 -4.01	73.08 -6.60 -4.71	70.27 -6.80 -6.22	73.70 -6.72 -8.90	92.11 -10.13 -5.77	99.63 -9.59 -12.38	102.82 -9.32 -15.09	95.33 -10.06 -8.65	94.69 -9.97 -7.83	86.32 -8.39 -9.12	90.12 -8.81 -4.15	80.00 -6.01 -5.93
GARDNVLA_35_KV_LD 355827	68.00 -2.83 0.00	66.88 -3.59 0.00	66.74 -3.59 0.00	67.16 -3.39 0.00	68.01 -2.91 0.00	76.49 -3.10 0.00	97.99 -8.83 -0.43	122.42 -14.08 -2.43	133.20 -14.68 -1.07	95.99 -7.76 -5.56	92.28 -7.76 -3.09	84.04 -8.11 -1.00	77.48 -7.26 -4.04	73.34 -6.37 -4.74	70.52 -6.59 -6.26	73.98 -6.51 -8.96	92.38 -9.94 -5.84	100.01 -9.30 -12.46	103.21 -9.02 -15.19	95.61 -9.87 -8.73	95.06 -9.68 -7.90	86.64 -8.13 -9.18	90.43 -8.53 -4.18	80.28 -5.77 -5.97
GELCKHM___115KV_LOAD 80723	69.28 -1.56 0.00	68.64 -1.83 0.00	68.43 -1.90 0.00	68.71 -1.83 0.00	69.36 -1.56 0.00	77.92 -1.67 0.00	105.37 -1.28 -0.26	135.82 -1.61 -3.37	145.61 -1.91 -0.71	100.96 -0.59 -3.37	98.04 -0.78 -1.87	90.57 -1.18 -0.61	82.18 -0.97 -2.45	77.02 -0.82 -2.87	73.79 -0.85 -3.79	76.24 -0.72 -5.42	101.58 -1.06 -6.17	102.35 -2.03 -7.55	104.40 -1.84 -9.20	102.15 -2.13 -7.53	101.52 -2.03 -6.71	89.18 -1.97 -5.56	95.04 -2.27 -2.53	81.76 -1.92 -3.61
GENERAL___MILLS 23808	67.93 -2.90 0.00	66.73 -3.73 0.00	66.60 -3.73 0.00	67.09 -3.46 0.00	67.94 -2.98 0.00	76.33 -3.26 0.00	97.77 -9.04 -0.43	122.14 -14.34 -2.42	133.05 -14.83 -1.07	95.78 -7.95 -5.55	92.08 -7.95 -3.09	83.86 -8.29 -1.00	77.31 -7.42 -4.03	73.26 -6.45 -4.73	70.37 -6.73 -6.25	73.82 -6.65 -8.94	92.26 -10.03 -5.82	99.79 -9.49 -12.44	102.99 -9.22 -15.16	95.39 -10.06 -8.71	94.85 -9.88 -7.88	86.45 -8.30 -9.16	90.23 -8.72 -4.17	80.11 -5.93 -5.96
GE_PLASTICS___DRP 24183	77.44 2.83 -3.77	74.69 2.68 -1.55	74.58 2.60 -1.65	74.73 2.68 -1.50	79.82 2.77 -6.13	91.02 3.10 -8.33	113.50 4.26 -2.85	175.18 4.29 -36.83	162.91 5.14 -10.97	138.64 3.63 -36.82	121.12 3.68 -20.49	101.77 3.46 -7.15	110.44 2.99 -26.75	109.20 2.85 -31.37	114.95 2.62 -41.48	133.42 2.58 -59.32	167.47 3.47 -67.52	182.86 3.49 -82.53	201.15 3.49 -100.62	182.62 3.39 -82.49	173.66 3.39 -73.43	149.38 3.00 -60.80	126.05 3.60 -27.67	122.49 2.88 -39.54
GILBOA___1 23756	73.67 2.27 -0.56	72.81 2.11 -0.23	72.62 2.04 -0.25	72.89 2.11 -0.22	74.10 2.27 -0.91	83.38 2.55 -1.24	112.27 3.62 -2.27	167.58 4.29 -29.23	156.57 5.14 -4.63	131.14 3.73 -29.23	116.80 3.59 -16.26	99.69 3.28 -5.26	104.84 2.90 -21.23	102.58 2.70 -24.90	106.32 2.55 -32.92	121.18 2.57 -47.08	153.44 3.37 -53.60	165.64 3.29 -65.51	180.30 3.39 -79.87	165.30 3.19 -65.37	158.60 3.48 -58.28	136.92 3.08 -48.26	120.06 3.32 -21.96	114.09 2.64 -31.38
GILBOA___2 23757	73.67 2.27 -0.56	72.81 2.11 -0.23	72.62 2.04 -0.25	72.89 2.11 -0.22	74.10 2.27 -0.91	83.38 2.55 -1.24	112.27 3.62 -2.27	167.58 4.29 -29.23	156.57 5.14 -4.63	131.14 3.73 -29.23	116.80 3.59 -16.26	99.69 3.28 -5.26	104.84 2.90 -21.23	102.58 2.70 -24.90	106.32 2.55 -32.92	121.18 2.57 -47.08	153.44 3.37 -53.60	165.64 3.29 -65.51	180.30 3.39 -79.87	165.30 3.19 -65.37	158.60 3.48 -58.28	136.92 3.08 -48.26	120.06 3.32 -21.96	114.09 2.64 -31.38

GILBOA___3 23758	73.67 2.27 -0.56	72.81 2.11 -0.23	72.62 2.04 -0.25	72.89 2.11 -0.22	74.10 2.27 -0.91	83.38 2.55 -1.24	112.27 3.62 -2.27	167.58 4.29 -29.23	156.57 5.14 -4.63	131.14 3.73 -29.23	116.80 3.59 -16.26	99.69 3.28 -5.26	104.84 2.90 -21.23	102.58 2.70 -24.90	106.32 2.55 -32.92	121.18 2.57 -47.08	153.44 3.37 -53.60	165.64 3.29 -65.51	180.30 3.39 -79.87	165.30 3.19 -65.37	158.60 3.48 -58.28	136.92 3.08 -48.26	120.06 3.32 -21.96	114.09 2.64 -31.38
GILBOA___4 23759	73.67 2.27 -0.56	72.81 2.11 -0.23	72.62 2.04 -0.25	72.89 2.11 -0.22	74.10 2.27 -0.91	83.38 2.55 -1.24	112.27 3.62 -2.27	167.58 4.29 -29.23	156.57 5.14 -4.63	131.14 3.73 -29.23	116.80 3.59 -16.26	99.69 3.28 -5.26	104.84 2.90 -21.23	102.58 2.70 -24.90	106.32 2.55 -32.92	121.18 2.57 -47.08	153.44 3.37 -53.60	165.64 3.29 -65.51	180.30 3.39 -79.87	165.30 3.19 -65.37	158.60 3.48 -58.28	136.92 3.08 -48.26	120.06 3.32 -21.96	114.09 2.64 -31.38
GILBOA___ 23599	73.67 2.27 -0.56	72.74 2.04 -0.23	72.62 2.04 -0.25	72.89 2.12 -0.22	74.11 2.27 -0.91	83.38 2.55 -1.24	112.27 3.62 -2.27	167.58 4.29 -29.23	156.57 5.14 -4.63	131.14 3.73 -29.22	116.79 3.59 -16.26	99.69 3.28 -5.26	104.84 2.91 -21.23	102.58 2.70 -24.90	106.32 2.55 -32.92	121.18 2.58 -47.08	153.44 3.38 -53.59	165.64 3.29 -65.51	180.30 3.40 -79.86	165.30 3.19 -65.37	158.61 3.49 -58.28	136.92 3.08 -48.25	120.06 3.32 -21.96	114.09 2.64 -31.38
GINNA___ 23603	65.74 -5.10 0.00	64.97 -5.50 0.00	64.64 -5.69 0.00	65.04 -5.50 0.00	66.10 -4.83 0.00	74.18 -5.41 0.00	98.84 -7.87 -0.33	125.15 -11.53 -2.62	133.79 -13.81 -0.79	95.71 -6.68 -4.21	92.12 -7.17 -2.34	84.44 -7.47 -0.76	77.30 -6.46 -3.06	72.72 -5.85 -3.59	69.78 -5.81 -4.74	72.66 -5.65 -6.79	94.07 -7.91 -5.51	98.83 -7.45 -9.44	101.27 -7.28 -11.51	96.45 -7.83 -7.54	95.87 -7.75 -6.78	85.61 -6.93 -6.95	90.65 -7.30 -3.16	78.91 -5.68 -4.52
GLEN PARK___ 23778	73.38 2.55 0.00	72.72 2.25 0.00	72.72 2.39 0.00	72.95 2.40 0.00	73.40 2.48 0.00	83.18 3.58 0.00	112.06 5.53 -0.15	143.37 7.37 -1.94	154.29 7.48 0.00	104.64 4.52 -1.94	101.90 3.88 -1.08	94.60 3.10 -0.35	84.77 2.66 -1.41	78.87 2.25 -1.65	75.23 2.20 -2.18	77.30 2.65 -3.12	104.56 4.54 -3.55	106.60 5.42 -4.34	108.06 5.72 -5.29	106.19 5.12 -4.33	105.93 5.23 -3.86	93.07 4.28 -3.20	100.79 4.55 -1.46	86.23 4.08 -2.08
GLENDALE_27_KV_LOAD 356172	76.28 4.53 -0.91	74.93 4.09 -0.37	74.60 3.87 -0.40	74.93 4.02 -0.36	76.66 4.26 -1.48	86.22 4.62 -2.02	116.00 7.23 -2.38	174.37 9.65 -30.66	164.22 11.89 -5.52	137.38 8.54 -30.65	122.44 8.43 -17.06	107.58 7.84 -8.59	109.91 6.94 -22.27	107.54 6.45 -26.12	111.54 6.16 -34.53	127.06 6.15 -49.38	160.50 7.81 -56.21	173.59 8.04 -68.71	188.96 8.15 -83.77	173.36 8.03 -68.58	166.20 8.23 -61.13	143.49 7.28 -50.62	125.59 7.77 -23.03	118.91 5.93 -32.91
GLENWOOD_IC_1_G5 23712	105.66 5.10 -29.72	99.46 5.00 -23.99	90.60 4.85 -15.42	92.30 5.01 -16.74	90.45 5.18 -14.35	96.01 5.57 -10.84	144.78 8.30 -30.10	175.29 10.59 -30.64	164.51 12.18 -5.52	137.36 8.54 -30.63	122.42 8.43 -17.05	107.87 8.11 -8.61	110.14 7.18 -22.25	107.90 6.82 -26.10	111.80 6.45 -34.51	136.68 6.44 -58.72	160.75 8.10 -56.18	206.60 8.62 -101.14	205.51 8.83 -99.64	196.17 8.51 -90.91	168.64 8.62 -63.18	151.56 7.53 -58.44	138.86 8.06 -36.03	135.63 6.17 -49.39
GLENWOOD_IC_2_G1 23688	105.66 5.10 -29.72	99.39 4.93 -23.99	90.46 4.71 -15.42	92.22 4.94 -16.74	90.39 5.11 -14.35	96.17 5.73 -10.84	144.79 8.30 -30.10	175.43 10.73 -30.64	164.36 12.04 -5.52	137.36 8.54 -30.64	122.42 8.43 -17.05	107.69 7.93 -8.61	109.98 7.02 -22.25	107.68 6.60 -26.10	111.66 6.30 -34.51	136.69 6.44 -58.72	160.76 8.10 -56.18	206.60 8.62 -101.14	205.42 8.74 -99.64	196.17 8.52 -90.91	168.64 8.62 -63.18	151.56 7.53 -58.44	138.86 8.05 -36.03	135.63 6.17 -49.39
GLENWOOD_IC_3_G1 23689	105.66 5.10 -29.72	99.39 4.93 -23.99	90.46 4.71 -15.42	92.22 4.94 -16.74	90.39 5.11 -14.35	96.17 5.73 -10.84	144.79 8.30 -30.10	175.43 10.73 -30.64	164.36 12.04 -5.52	137.36 8.54 -30.64	122.42 8.43 -17.05	107.69 7.93 -8.61	109.98 7.02 -22.25	107.68 6.60 -26.10	111.66 6.30 -34.51	136.69 6.44 -58.72	160.76 8.10 -56.18	206.60 8.62 -101.14	205.42 8.74 -99.64	196.17 8.52 -90.91	168.64 8.62 -63.18	151.56 7.53 -58.44	138.86 8.05 -36.03	135.63 6.17 -49.39
GLENWOOD___4 23550	105.73 5.17 -29.72	99.46 5.00 -23.99	90.60 4.85 -15.42	92.30 5.01 -16.74	90.45 5.18 -14.35	96.09 5.65 -10.84	144.89 8.40 -30.10	175.56 10.86 -30.64	164.65 12.33 -5.52	137.46 8.64 -30.63	122.52 8.53 -17.05	107.87 8.11 -8.61	110.14 7.18 -22.25	107.90 6.82 -26.10	111.80 6.45 -34.51	136.75 6.51 -58.72	160.85 8.20 -56.18	206.79 8.81 -101.14	205.61 8.93 -99.64	196.36 8.71 -90.91	168.74 8.72 -63.18	151.65 7.62 -58.44	138.96 8.15 -36.03	135.79 6.33 -49.39
GLENWOOD___5 23614	105.73 5.17 -29.72	99.46 5.00 -23.99	90.60 4.85 -15.42	92.30 5.01 -16.74	90.45 5.18 -14.35	96.09 5.65 -10.84	144.89 8.40 -30.10	175.56 10.86 -30.64	164.65 12.33 -5.52	137.46 8.64 -30.63	122.52 8.53 -17.05	107.87 8.11 -8.61	110.14 7.18 -22.25	107.90 6.82 -26.10	111.80 6.45 -34.51	136.75 6.51 -58.72	160.85 8.20 -56.18	206.79 8.81 -101.14	205.61 8.93 -99.64	196.36 8.71 -90.91	168.74 8.72 -63.18	151.65 7.62 -58.44	138.96 8.15 -36.03	135.79 6.33 -49.39
GLOBAL GREEN_PORT_GT1 23814	108.06 7.51 -29.72	101.65 7.19 -23.99	92.85 7.10 -15.42	94.69 7.41 -16.74	92.87 7.59 -14.35	99.11 8.68 -10.84	149.57 13.08 -30.10	180.71 15.95 -30.70	169.69 17.31 -5.57	140.20 11.38 -30.64	124.46 10.47 -17.05	109.52 9.76 -8.61	111.68 8.72 -22.25	109.18 8.10 -26.10	113.01 7.65 -34.51	138.68 8.44 -58.72	163.61 10.90 -56.24	226.27 9.20 -120.23	222.22 8.74 -116.45	209.93 10.93 -102.26	205.42 11.04 -97.54	153.84 9.75 -58.50	141.33 10.52 -36.03	138.51 9.05 -49.39
GLOBE___DSASP 323697	65.74 -5.10 0.00	64.62 -5.85 0.00	64.49 -5.84 0.00	64.90 -5.64 0.00	65.67 -5.25 0.00	73.62 -5.97 0.00	95.19 -11.60 -0.40	118.06 -18.50 -2.50	126.66 -21.14 -0.99	92.66 -10.70 -5.18	89.36 -10.47 -2.88	81.60 -10.48 -0.93	75.11 -9.36 -3.77	71.15 -8.25 -4.42	68.40 -8.29 -5.84	71.58 -8.30 -8.35	89.70 -12.54 -5.77	96.16 -12.30 -11.62	99.17 -12.03 -14.17	92.29 -12.87 -8.42	91.66 -12.78 -7.60	83.54 -10.61 -8.56	87.68 -10.99 -3.90	77.95 -7.69 -5.57
GOETHSLN___LBMP 323567	64.24 3.54 10.14	64.10 3.17 9.54	64.17 3.02 9.18	64.10 3.17 9.62	64.17 3.40 10.16	64.24 3.82 19.17	69.98 6.06 42.47	99.24 8.04 42.87	93.64 9.69 62.85	74.57 7.07 30.68	68.04 6.98 35.89	64.24 6.47 33.39	64.24 5.73 22.20	64.16 5.32 16.14	64.65 5.10 11.30	65.63 5.15 11.04	41.11 6.46 61.82	40.19 6.68 63.33	51.29 6.79 52.54	40.18 6.58 63.14	40.19 6.68 63.33	40.27 5.91 51.23	66.36 6.26 34.67	115.55 4.64 -30.84
GOLAH___69_KV_TB 1_2 80279	68.29 -2.55 0.00	67.37 -3.10 0.00	67.09 -3.24 0.00	67.51 -3.03 0.00	68.44 -2.48 0.00	76.97 -2.63 0.00	101.72 -5.00 -0.34	127.92 -8.71 -2.57	136.77 -10.86 -0.82	97.74 -4.81 -4.36	94.33 -5.04 -2.43	86.56 -5.38 -0.79	79.19 -4.68 -3.17	74.50 -4.20 -3.72	71.51 -4.25 -4.92	74.41 -4.15 -7.03	95.80 -6.17 -5.50	101.10 -5.52 -9.78	103.83 -5.14 -11.93	98.38 -6.00 -7.63	97.61 -6.10 -6.87	87.58 -5.22 -7.21	92.75 -5.31 -3.28	81.16 -3.60 -4.69

GOODYEAR_LAKE_HYD 323669	76.65 2.90 -2.91	74.34 2.68 -1.19	74.28 2.67 -1.27	74.46 2.75 -1.16	78.56 2.91 -4.73	89.60 3.58 -6.42	112.23 5.11 -0.74	149.85 6.30 -9.49	162.55 7.34 -8.41	112.58 4.91 -9.49	106.59 4.36 -5.28	96.60 3.74 -1.71	90.99 3.39 -6.89	86.06 3.00 -8.08	84.37 2.83 -10.69	89.89 3.08 -15.28	118.21 4.34 -17.40	122.85 4.75 -21.26	127.82 4.85 -25.93	122.69 4.55 -21.40	120.41 4.65 -18.92	105.11 3.85 -15.66	106.08 4.17 -7.13	93.62 3.36 -10.19
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	71.32 0.07 -0.41	70.28 -0.35 -0.17	70.16 -0.35 -0.18	70.43 -0.28 -0.16	71.59 0.00 -0.66	80.65 0.16 -0.90	106.21 -0.96 -0.78	140.87 -1.61 -8.41	147.57 -1.32 -2.09	107.82 -0.39 -10.03	101.85 -0.68 -5.58	91.86 -1.09 -1.80	87.02 -0.97 -7.29	82.70 -0.82 -8.55	81.22 -0.92 -11.30	86.97 -0.72 -16.16	111.56 -1.06 -16.15	118.55 -0.77 -22.48	123.96 -0.49 -27.41	116.41 -0.87 -20.53	114.42 -0.77 -18.36	101.38 -0.77 -16.56	101.37 -0.95 -7.54	90.12 -0.72 -10.77
GOUDEY___7 23579	71.32 0.07 -0.41	70.28 -0.35 -0.17	70.16 -0.35 -0.18	70.43 -0.28 -0.16	71.59 0.00 -0.66	80.65 0.16 -0.90	106.21 -0.96 -0.78	140.87 -1.61 -8.41	147.57 -1.32 -2.09	107.82 -0.39 -10.03	101.85 -0.68 -5.58	91.86 -1.09 -1.80	87.02 -0.97 -7.29	82.70 -0.82 -8.55	81.22 -0.92 -11.30	86.97 -0.72 -16.16	111.56 -1.06 -16.15	118.55 -0.77 -22.48	123.96 -0.49 -27.41	116.41 -0.87 -20.53	114.42 -0.77 -18.36	101.38 -0.77 -16.56	101.37 -0.95 -7.54	90.12 -0.72 -10.77
GOUDEY___8 23580	71.32 0.07 -0.41	70.28 -0.35 -0.17	70.16 -0.35 -0.18	70.43 -0.28 -0.16	71.59 0.00 -0.66	80.65 0.16 -0.90	106.21 -0.96 -0.78	140.87 -1.61 -8.41	147.57 -1.32 -2.09	107.82 -0.39 -10.03	101.85 -0.68 -5.58	91.86 -1.09 -1.80	87.02 -0.97 -7.29	82.70 -0.82 -8.55	81.22 -0.92 -11.30	86.97 -0.72 -16.16	111.56 -1.06 -16.15	118.55 -0.77 -22.48	123.96 -0.49 -27.41	116.41 -0.87 -20.53	114.42 -0.77 -18.36	101.38 -0.77 -16.56	101.37 -0.95 -7.54	90.12 -0.72 -10.77
GOWANUS_GT1_1 24077	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT1_2 24078	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT1_3 24079	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT1_4 24080	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT1_5 24084	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT1_6 24111	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT1_7 24112	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT1_8 24113	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT2_1 24114	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT2_2 24115	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT2_3 24116	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31

GOWANUS_GT2_4 24117	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT2_5 24118	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT2_6 24119	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT2_7 24120	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT2_8 24121	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT3_1 24122	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT3_2 24123	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT3_3 24124	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT3_4 24125	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT3_5 24126	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT3_6 24127	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT3_7 24128	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT3_8 24129	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
GOWANUS_GT4_1 24130	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT4_2 24131	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31

GOWANUS_GT4_3 24132	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT4_4 24133	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT4_5 24134	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT4_6 24135	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT4_7 24136	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GOWANUS_GT4_8 24137	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GREENBSH_115KV_TB3 55895	78.74 2.98 -4.92	75.31 2.82 -2.02	75.23 2.74 -2.16	75.33 2.82 -1.96	81.90 2.98 -8.00	93.73 3.26 -10.87	113.62 4.36 -2.87	175.11 4.02 -37.03	164.31 4.84 -12.66	138.64 3.44 -37.02	121.04 3.49 -20.60	101.84 3.46 -7.23	110.59 2.99 -26.89	109.37 2.85 -31.55	115.03 2.48 -41.70	133.60 2.43 -59.64	167.64 3.28 -67.89	183.12 3.29 -82.98	201.41 3.20 -101.17	182.92 3.19 -82.98	173.77 3.10 -73.83	149.46 2.74 -61.13	126.01 3.41 -27.82	122.63 2.80 -39.75
GREENIDGE_115KV_TB5 80291	70.30 -0.78 -0.24	69.23 -1.34 -0.10	69.10 -1.34 -0.11	69.44 -1.20 -0.10	70.61 -0.71 -0.39	79.65 -0.48 -0.54	103.48 -3.40 -0.50	127.51 -4.16 2.40	142.21 -5.87 -1.28	102.67 -1.96 -6.45	97.72 -2.81 -3.59	89.31 -3.01 -1.16	82.97 -2.42 -4.69	78.38 -2.10 -5.50	75.92 -2.20 -7.27	80.07 -1.86 -10.40	93.00 -2.99 0.48	108.21 -3.10 -14.47	112.16 -2.52 -17.64	98.28 -2.42 -3.96	98.19 -2.52 -3.87	93.76 -2.48 -10.66	97.17 -2.46 -4.85	85.40 -1.60 -6.93
GREENIDGE___3 23582	70.30 -0.78 -0.24	69.23 -1.34 -0.10	69.10 -1.34 -0.11	69.44 -1.20 -0.10	70.61 -0.71 -0.39	79.65 -0.48 -0.54	103.48 -3.40 -0.50	127.51 -4.16 2.40	142.21 -5.87 -1.28	102.67 -1.96 -6.45	97.72 -2.81 -3.59	89.31 -3.01 -1.16	82.97 -2.42 -4.69	78.38 -2.10 -5.50	75.92 -2.20 -7.27	80.07 -1.86 -10.40	93.00 -2.99 0.48	108.21 -3.10 -14.47	112.16 -2.52 -17.64	98.28 -2.42 -3.96	98.19 -2.52 -3.87	93.76 -2.48 -10.66	97.17 -2.46 -4.85	85.40 -1.60 -6.93
GREENIDGE___4 23583	70.30 -0.78 -0.24	69.30 -1.27 -0.10	69.10 -1.34 -0.11	69.51 -1.13 -0.10	70.89 -0.42 -0.39	79.65 -0.47 -0.54	103.48 -3.41 -0.50	127.53 -4.16 2.38	142.35 -5.73 -1.28	103.19 -1.47 -6.47	97.73 -2.81 -3.60	89.31 -3.01 -1.16	82.99 -2.42 -4.70	78.39 -2.10 -5.52	75.94 -2.20 -7.29	80.10 -1.86 -10.43	93.23 -2.80 0.44	108.25 -3.10 -14.51	112.21 -2.52 -17.69	98.23 -2.52 -4.00	98.23 -2.52 -3.91	93.79 -2.48 -10.69	97.18 -2.46 -4.86	85.42 -1.60 -6.95
GREENLWN_69_KV_BK 3 55738	105.73 5.17 -29.72	99.25 4.79 -23.99	90.32 4.57 -15.42	92.01 4.73 -16.74	90.24 4.96 -14.35	96.09 5.65 -10.84	144.57 8.09 -30.10	176.22 11.53 -30.62	163.46 11.16 -5.50	137.36 8.54 -30.63	122.42 8.43 -17.05	107.51 7.75 -8.61	109.82 6.86 -22.25	107.60 6.52 -26.10	111.59 6.23 -34.51	136.68 6.44 -58.72	160.55 7.91 -56.16	202.64 9.01 -96.79	202.45 9.61 -95.81	194.45 9.38 -88.32	161.19 9.01 -55.35	151.98 7.96 -58.43	138.86 8.06 -36.03	135.79 6.33 -49.39
GREENWD_138_KV_38B11_REV_LBMP_J 345004	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31
GRISSOM___SOLAR 323813	85.82 5.38 -9.60	79.69 5.29 -3.93	79.74 5.20 -4.21	79.67 5.29 -3.83	91.98 5.46 -15.60	107.07 6.29 -21.19	118.18 8.61 -3.18	185.63 10.59 -40.98	182.36 11.89 -23.67	146.42 7.27 -40.98	126.14 6.40 -22.80	104.59 5.65 -7.78	115.88 5.41 -29.77	114.84 4.95 -34.91	121.61 4.60 -46.16	142.41 4.87 -66.01	179.04 7.43 -75.14	196.72 8.03 -91.85	216.98 7.96 -111.98	196.77 7.93 -92.09	186.30 7.75 -81.71	159.84 6.59 -67.66	132.77 7.20 -30.79	129.99 5.93 -44.00
GROVEVILLE___HYD 323602	76.10 4.32 -0.94	75.01 4.16 -0.38	74.68 3.94 -0.41	75.01 4.09 -0.37	76.78 4.33 -1.53	86.68 5.01 -2.07	116.10 7.34 -2.38	173.59 8.85 -30.67	162.64 10.28 -5.56	136.02 7.17 -30.67	120.99 6.98 -17.07	103.53 6.38 -6.00	108.71 5.73 -22.28	106.51 5.40 -26.13	110.50 5.10 -34.55	126.23 5.29 -49.41	159.66 6.95 -56.24	172.85 7.26 -68.75	188.33 7.47 -83.81	172.62 7.26 -68.62	165.26 7.26 -61.16	142.56 6.33 -50.64	124.75 6.92 -23.05	118.29 5.28 -32.93
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	69.85 -0.99 0.00	69.13 -1.34 0.00	68.99 -1.34 0.00	69.28 -1.27 0.00	69.86 -1.06 0.00	78.56 -1.03 0.00	105.29 -1.38 -0.28	135.99 -1.74 -3.67	145.32 -2.20 -0.71	101.16 -0.69 -3.67	98.11 -0.87 -2.04	90.54 -1.28 -0.66	82.32 -1.05 -2.67	77.20 -0.90 -3.13	74.06 -0.92 -4.13	76.65 -0.79 -5.91	101.94 -1.25 -6.73	103.80 -1.26 -8.22	106.10 -0.97 -10.03	103.70 -1.26 -8.21	102.90 -1.26 -7.32	90.36 -1.28 -6.06	96.02 -1.52 -2.76	82.73 -1.28 -3.94

HAMLTNNY_34_KV_TB 80303	69.99 -0.85 0.00	69.27 -1.20 0.00	69.06 -1.27 0.00	69.35 -1.20 0.00	70.00 -0.92 0.00	78.72 -0.88 0.00	105.30 -1.38 -0.30	135.92 -2.01 -3.87	145.05 -2.50 -0.74	101.17 -0.88 -3.87	98.13 -0.97 -2.15	90.48 -1.37 -0.70	82.30 -1.21 -2.81	77.22 -1.05 -3.29	74.14 -1.06 -4.36	76.90 -0.86 -6.23	102.31 -1.25 -7.09	104.34 -1.16 -8.67	106.83 -0.78 -10.57	104.24 -1.16 -8.65	103.49 -1.07 -7.71	90.78 -1.20 -6.38	96.26 -1.42 -2.91	83.02 -1.20 -4.15
HAMPSHIRE___PAPER_HYD 323593	71.55 0.71 0.00	71.32 0.85 0.00	71.24 0.91 0.00	71.40 0.85 0.00	71.56 0.64 0.00	80.71 1.11 0.00	108.91 2.45 -0.08	138.14 3.09 -0.99	149.59 2.78 0.00	99.66 0.49 -0.99	98.75 1.26 -0.55	92.34 1.00 -0.18	82.47 1.05 -0.72	76.64 0.83 -0.84	72.81 0.85 -1.11	73.76 0.64 -1.59	99.44 1.16 -1.81	100.59 1.54 -2.21	101.38 1.65 -2.69	100.20 1.25 -2.20	100.16 1.36 -1.97	88.50 1.29 -1.63	97.42 1.89 -0.74	83.29 2.16 -1.06
HARDSCRABBLE_WT_PWR 323673	73.53 2.69 0.00	73.08 2.61 0.00	72.93 2.60 0.00	73.30 2.75 0.00	73.97 3.05 0.00	83.57 3.98 0.00	112.23 5.85 0.00	141.70 7.64 0.00	155.76 8.96 0.00	104.27 6.09 0.00	102.47 5.52 0.00	95.98 4.83 0.00	84.50 3.79 0.00	78.05 3.08 0.00	73.61 2.76 0.00	74.53 3.00 0.00	101.10 4.63 0.00	102.16 5.32 0.00	102.47 5.43 0.00	101.77 5.03 0.00	101.58 4.74 0.00	89.87 4.28 0.00	99.61 4.83 0.00	84.23 4.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	74.91 3.26 -0.81	73.83 3.03 -0.33	73.57 2.88 -0.36	73.90 3.03 -0.32	75.50 3.26 -1.32	85.12 3.74 -1.79	114.21 5.64 -2.18	169.04 6.84 -28.14	159.89 8.07 -5.01	132.01 5.69 -28.14	118.13 5.53 -15.66	97.63 5.10 -1.38	105.66 4.52 -20.44	103.23 4.27 -23.98	106.65 4.11 -31.70	121.08 4.22 -45.33	153.57 5.50 -51.60	165.72 5.81 -63.07	179.85 5.92 -76.89	165.40 5.71 -62.95	158.76 5.81 -56.11	137.01 4.96 -46.46	121.33 5.40 -21.14	114.37 4.08 -30.21
HARSNRAD_115KV_TB1 81005	66.23 -4.60 0.00	65.04 -5.43 0.00	64.91 -5.42 0.00	65.33 -5.22 0.00	65.96 -4.96 0.00	74.10 -5.49 0.00	95.72 -11.06 -0.40	119.33 -17.16 -2.43	128.11 -19.67 -0.98	93.18 -10.11 -5.11	89.80 -9.99 -2.84	82.05 -10.03 -0.92	75.46 -8.96 -3.71	71.46 -7.87 -4.35	68.60 -8.01 -5.76	71.82 -7.94 -8.23	90.22 -11.96 -5.71	96.77 -11.52 -11.45	99.75 -11.26 -13.96	92.97 -12.09 -8.32	92.35 -12.01 -7.51	84.01 -10.01 -8.44	88.10 -10.52 -3.84	78.27 -7.29 -5.49
HARZA MOOSE___RIVER 24016	73.03 2.20 0.00	72.51 2.04 0.00	72.44 2.11 0.00	72.73 2.19 0.00	73.19 2.27 0.00	82.62 3.02 0.00	110.95 4.47 -0.09	141.00 5.76 -1.17	152.97 6.17 0.00	103.28 3.93 -1.17	101.18 3.59 -0.65	94.37 3.01 -0.21	84.22 2.66 -0.85	78.30 2.32 -1.00	74.36 2.20 -1.32	75.78 2.36 -1.89	102.19 3.57 -2.15	103.44 3.97 -2.63	104.42 4.17 -3.21	103.14 3.77 -2.62	103.15 3.97 -2.34	90.78 3.25 -1.94	99.26 3.60 -0.88	84.53 3.20 -1.26
HDSNBRDG_115KV_BRDG_TB1 355580	69.28 -1.56 0.00	68.57 -1.90 0.00	68.36 -1.97 0.00	68.71 -1.83 0.00	69.29 -1.63 0.00	77.92 -1.67 0.00	104.09 -2.55 -0.26	133.95 -3.49 -3.38	142.84 -3.96 0.00	99.69 -1.87 -3.38	96.79 -2.04 -1.88	89.48 -2.28 -0.61	81.14 -2.02 -2.45	76.13 -1.72 -2.88	72.95 -1.70 -3.80	75.39 -1.57 -5.44	100.25 -2.41 -6.19	102.27 -2.13 -7.57	104.32 -1.94 -9.22	102.05 -2.23 -7.54	101.44 -2.13 -6.73	89.11 -2.05 -5.57	94.95 -2.37 -2.54	81.69 -2.00 -3.62
HELLGATE_13_KV_LD 55870	76.00 4.25 -0.91	74.65 3.81 -0.37	74.32 3.59 -0.40	74.72 3.81 -0.36	76.38 3.97 -1.48	85.83 4.22 -2.02	115.46 6.70 -2.38	173.70 8.98 -30.66	163.48 11.16 -5.52	136.79 7.95 -30.65	121.95 7.95 -17.06	107.13 7.38 -8.59	109.51 6.54 -22.27	107.17 6.07 -26.12	111.19 5.81 -34.53	126.78 5.87 -49.38	160.02 7.33 -56.21	173.10 7.55 -68.71	188.48 7.67 -83.77	172.78 7.45 -68.58	165.72 7.75 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.51 5.52 -32.91
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	76.00 4.25 -0.91	74.65 3.81 -0.37	74.32 3.59 -0.40	74.72 3.81 -0.36	76.38 3.97 -1.48	85.83 4.22 -2.02	115.46 6.70 -2.38	173.70 8.98 -30.66	163.48 11.16 -5.52	136.79 7.95 -30.65	121.95 7.95 -17.06	107.13 7.38 -8.59	109.51 6.54 -22.27	107.17 6.07 -26.12	111.19 5.81 -34.53	126.78 5.87 -49.38	160.02 7.33 -56.21	173.10 7.55 -68.71	188.48 7.67 -83.77	172.78 7.45 -68.58	165.72 7.75 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.51 5.52 -32.91
HEMPSTEAD____ 23647	105.44 4.88 -29.72	99.18 4.72 -23.99	90.26 4.51 -15.42	92.02 4.73 -16.74	90.17 4.89 -14.35	95.92 5.49 -10.84	144.47 7.98 -30.10	174.89 10.18 -30.64	163.78 11.46 -5.52	136.96 8.14 -30.64	122.03 8.04 -17.05	107.42 7.66 -8.61	109.65 6.69 -22.25	107.38 6.30 -26.10	111.37 6.02 -34.51	136.47 6.22 -58.72	160.46 7.81 -56.18	206.21 8.23 -101.14	205.12 8.44 -99.64	195.88 8.22 -90.91	168.25 8.23 -63.18	151.30 7.27 -58.44	138.58 7.77 -36.03	135.39 5.93 -49.39
HEWLETT_69_KV_BK3 55828	106.08 5.53 -29.72	99.60 5.14 -23.99	90.74 4.99 -15.42	92.44 5.15 -16.74	90.67 5.39 -14.35	96.49 6.05 -10.84	145.10 8.62 -30.10	175.70 10.99 -30.64	164.95 12.63 -5.52	137.85 9.03 -30.63	123.01 9.02 -17.05	108.15 8.39 -8.61	110.38 7.42 -22.25	108.05 6.97 -26.10	111.94 6.59 -34.51	136.82 6.58 -58.72	161.04 8.39 -56.18	206.99 9.01 -101.14	205.80 9.12 -99.64	196.55 8.90 -90.91	169.03 9.01 -63.18	151.82 7.79 -58.44	139.43 8.63 -36.03	136.11 6.65 -49.39
HICKLING___1 23621	70.50 -0.64 -0.30	69.40 -1.20 -0.12	69.27 -1.20 -0.13	69.61 -1.06 -0.12	70.85 -0.57 -0.49	79.79 -0.48 -0.67	103.82 -3.19 -0.62	129.09 -4.83 0.15	143.71 -4.70 -1.60	103.78 -2.45 -8.05	98.52 -2.91 -4.48	89.14 -3.46 -1.45	83.49 -3.07 -5.85	79.21 -2.62 -6.86	77.15 -2.76 -9.07	81.92 -2.58 -12.97	96.36 -3.47 -3.36	111.78 -3.10 -18.04	116.42 -2.62 -22.00	101.95 -3.10 -8.30	101.55 -3.00 -7.72	96.06 -2.82 -13.29	97.80 -3.03 -6.05	86.39 -2.32 -8.64
HICKLING___2 23622	70.50 -0.64 -0.30	69.40 -1.20 -0.12	69.27 -1.20 -0.13	69.61 -1.06 -0.12	70.85 -0.57 -0.49	79.79 -0.48 -0.67	103.82 -3.19 -0.62	129.09 -4.83 0.15	143.71 -4.70 -1.60	103.78 -2.45 -8.05	98.52 -2.91 -4.48	89.14 -3.46 -1.45	83.49 -3.07 -5.85	79.21 -2.62 -6.86	77.15 -2.76 -9.07	81.92 -2.58 -12.97	96.36 -3.47 -3.36	111.78 -3.10 -18.04	116.42 -2.62 -22.00	101.95 -3.10 -8.30	101.55 -3.00 -7.72	96.06 -2.82 -13.29	97.80 -3.03 -6.05	86.39 -2.32 -8.64
HIGH FALLS___HY 23754	75.85 3.75 -1.26	74.58 3.59 -0.52	74.33 3.45 -0.55	74.58 3.53 -0.50	76.80 3.83 -2.05	86.91 4.54 -2.79	115.63 6.92 -2.33	172.30 8.18 -30.06	162.17 9.40 -5.97	134.72 6.48 -30.06	119.78 6.11 -16.72	101.47 5.47 -4.85	107.46 4.92 -21.83	105.23 4.65 -25.61	109.24 4.53 -33.86	124.74 4.79 -48.42	157.95 6.37 -55.12	170.99 6.78 -67.37	186.26 7.08 -82.13	170.87 6.87 -67.26	163.75 6.97 -59.94	141.21 5.99 -49.63	123.90 6.54 -22.58	117.23 4.88 -32.27
HIGH_RIVER___SOLAR 323847	84.80 3.82 -10.14	78.29 3.66 -4.15	78.43 3.65 -4.44	78.25 3.67 -4.04	91.23 3.83 -16.48	106.36 4.37 -22.39	115.41 5.95 -3.07	180.81 7.10 -39.64	179.78 8.07 -24.91	142.73 4.91 -39.64	123.46 4.46 -22.06	102.48 3.74 -7.59	113.29 3.79 -28.80	112.28 3.52 -33.78	118.76 3.26 -44.65	138.89 3.50 -63.86	174.27 5.11 -72.69	191.21 5.52 -88.85	210.89 5.53 -108.32	191.30 5.41 -89.14	181.21 5.32 -79.05	155.66 4.62 -65.45	129.59 5.02 -29.79	126.88 4.24 -42.56

HILLBURN___GT 23639	74.86 3.19 -0.83	73.77 2.96 -0.34	73.51 2.82 -0.36	73.84 2.96 -0.33	75.46 3.19 -1.35	85.01 3.58 -1.83	114.03 5.42 -2.22	169.52 6.83 -28.62	160.12 8.22 -5.10	132.69 5.89 -28.62	118.69 5.82 -15.92	97.52 5.28 -1.08	106.26 4.76 -20.79	103.79 4.42 -24.39	107.34 4.25 -32.24	121.92 4.29 -46.11	154.45 5.50 -52.48	166.80 5.81 -64.15	181.17 5.92 -78.21	166.48 5.71 -64.03	159.72 5.81 -57.07	137.89 5.05 -47.25	121.69 5.40 -21.50	114.80 4.00 -30.73
HILLSIDE_115KV_TB1 80332	69.73 -1.42 -0.31	68.63 -1.97 -0.13	68.50 -1.97 -0.14	68.84 -1.83 -0.13	70.02 -1.42 -0.51	78.85 -1.43 -0.69	102.67 -4.36 -0.65	128.52 -6.17 -0.62	142.45 -6.02 -1.66	103.07 -3.44 -8.32	97.70 -3.88 -4.63	88.46 -4.19 -1.50	83.04 -3.71 -6.05	78.77 -3.30 -7.09	76.89 -3.33 -9.37	81.79 -3.15 -13.41	96.58 -4.44 -4.55	111.43 -4.07 -18.65	116.09 -3.69 -22.74	102.08 -4.16 -9.50	101.53 -4.07 -8.76	95.65 -3.68 -13.74	96.96 -4.08 -6.25	85.80 -3.20 -8.94
HISHELDN_WT_PWR 323625	68.01 -3.04 -0.22	66.75 -3.81 -0.09	66.63 -3.80 -0.10	67.11 -3.53 -0.09	68.73 -2.55 -0.35	76.73 -3.34 -0.48	98.55 -8.30 -0.46	123.16 -13.00 -2.10	134.00 -13.95 -1.15	97.42 -6.68 -5.92	92.48 -7.76 -3.29	84.10 -8.11 -1.06	77.74 -7.26 -4.30	73.57 -6.45 -5.04	70.93 -6.59 -6.67	74.55 -6.51 -9.53	92.46 -9.55 -5.54	101.29 -8.81 -13.27	104.77 -8.44 -16.17	96.27 -9.19 -8.72	95.76 -9.00 -7.92	87.66 -7.70 -9.77	91.17 -8.06 -4.45	80.90 -5.52 -6.35
HOLTSVILLE_IC_1 23690	107.00 6.45 -29.72	100.52 6.06 -23.99	91.59 5.83 -15.42	93.36 6.07 -16.74	91.52 6.24 -14.35	97.52 7.08 -10.84	147.12 10.64 -30.10	177.63 12.87 -30.70	166.91 14.54 -5.57	138.93 10.11 -30.64	123.88 9.89 -17.05	108.79 9.03 -8.61	110.95 7.99 -22.25	108.65 7.57 -26.10	112.59 7.23 -34.51	138.04 7.80 -58.72	162.45 9.74 -56.24	226.72 10.07 -119.81	223.02 9.90 -116.08	208.52 9.77 -102.01	203.61 9.98 -96.79	152.99 8.90 -58.50	140.67 9.86 -36.03	137.23 7.76 -49.39
HOLTSVILLE_IC_10 23699	107.36 6.80 -29.72	100.87 6.41 -23.99	91.94 6.19 -15.42	93.71 6.42 -16.74	91.87 6.60 -14.35	97.92 7.48 -10.84	147.76 11.27 -30.10	178.58 13.81 -30.70	167.94 15.55 -5.58	139.52 10.70 -30.64	124.37 10.38 -17.05	109.24 9.48 -8.61	111.35 8.39 -22.25	109.02 7.94 -26.10	113.01 7.65 -34.51	138.47 8.22 -58.72	163.04 10.33 -56.24	228.96 10.75 -121.37	225.17 10.67 -117.45	210.23 10.55 -102.94	207.19 10.75 -99.60	153.59 9.50 -58.50	141.23 10.43 -36.03	137.72 8.25 -49.39
HOLTSVILLE_IC_2 23691	107.00 6.45 -29.72	100.52 6.06 -23.99	91.59 5.83 -15.42	93.36 6.07 -16.74	91.52 6.24 -14.35	97.52 7.08 -10.84	147.12 10.64 -30.10	177.63 12.87 -30.70	166.91 14.54 -5.57	138.93 10.11 -30.64	123.88 9.89 -17.05	108.79 9.03 -8.61	110.95 7.99 -22.25	108.65 7.57 -26.10	112.59 7.23 -34.51	138.04 7.80 -58.72	162.45 9.74 -56.24	226.72 10.07 -119.81	223.02 9.90 -116.08	208.52 9.77 -102.01	203.61 9.98 -96.79	152.99 8.90 -58.50	140.67 9.86 -36.03	137.23 7.76 -49.39
HOLTSVILLE_IC_3 23692	107.00 6.45 -29.72	100.52 6.06 -23.99	91.59 5.83 -15.42	93.36 6.07 -16.74	91.52 6.24 -14.35	97.52 7.08 -10.84	147.12 10.64 -30.10	177.63 12.87 -30.70	166.91 14.54 -5.57	138.93 10.11 -30.64	123.88 9.89 -17.05	108.79 9.03 -8.61	110.95 7.99 -22.25	108.65 7.57 -26.10	112.59 7.23 -34.51	138.04 7.80 -58.72	162.45 9.74 -56.24	226.72 10.07 -119.81	223.02 9.90 -116.08	208.52 9.77 -102.01	203.61 9.98 -96.79	152.99 8.90 -58.50	140.67 9.86 -36.03	137.23 7.76 -49.39
HOLTSVILLE_IC_4 23693	107.00 6.45 -29.72	100.52 6.06 -23.99	91.59 5.83 -15.42	93.36 6.07 -16.74	91.52 6.24 -14.35	97.52 7.08 -10.84	147.12 10.64 -30.10	177.63 12.87 -30.70	166.91 14.54 -5.57	138.93 10.11 -30.64	123.88 9.89 -17.05	108.79 9.03 -8.61	110.95 7.99 -22.25	108.65 7.57 -26.10	112.59 7.23 -34.51	138.04 7.80 -58.72	162.45 9.74 -56.24	226.72 10.07 -119.81	223.02 9.90 -116.08	208.52 9.77 -102.01	203.61 9.98 -96.79	152.99 8.90 -58.50	140.67 9.86 -36.03	137.23 7.76 -49.39
HOLTSVILLE_IC_5 23694	107.00 6.45 -29.72	100.52 6.06 -23.99	91.59 5.83 -15.42	93.36 6.07 -16.74	91.52 6.24 -14.35	97.52 7.08 -10.84	147.12 10.64 -30.10	177.63 12.87 -30.70	166.91 14.54 -5.57	138.93 10.11 -30.64	123.88 9.89 -17.05	108.79 9.03 -8.61	110.95 7.99 -22.25	108.65 7.57 -26.10	112.59 7.23 -34.51	138.04 7.80 -58.72	162.45 9.74 -56.24	226.72 10.07 -119.81	223.02 9.90 -116.08	208.52 9.77 -102.01	203.61 9.98 -96.79	152.99 8.90 -58.50	140.67 9.86 -36.03	137.23 7.76 -49.39
HOLTSVILLE_IC_6 23695	107.36 6.80 -29.72	100.87 6.41 -23.99	91.94 6.19 -15.42	93.71 6.42 -16.74	91.87 6.60 -14.35	97.92 7.48 -10.84	147.76 11.27 -30.10	178.58 13.81 -30.70	167.94 15.55 -5.58	139.52 10.70 -30.64	124.37 10.38 -17.05	109.24 9.48 -8.61	111.35 8.39 -22.25	109.02 7.94 -26.10	113.01 7.65 -34.51	138.47 8.22 -58.72	163.04 10.33 -56.24	228.96 10.75 -121.37	225.17 10.67 -117.45	210.23 10.55 -102.94	207.19 10.75 -99.60	153.59 9.50 -58.50	141.23 10.43 -36.03	137.72 8.25 -49.39
HOLTSVILLE_IC_7 23696	107.36 6.80 -29.72	100.87 6.41 -23.99	91.94 6.19 -15.42	93.71 6.42 -16.74	91.87 6.60 -14.35	97.92 7.48 -10.84	147.76 11.27 -30.10	178.58 13.81 -30.70	167.94 15.55 -5.58	139.52 10.70 -30.64	124.37 10.38 -17.05	109.24 9.48 -8.61	111.35 8.39 -22.25	109.02 7.94 -26.10	113.01 7.65 -34.51	138.47 8.22 -58.72	163.04 10.33 -56.24	228.96 10.75 -121.37	225.17 10.67 -117.45	210.23 10.55 -102.94	207.19 10.75 -99.60	153.59 9.50 -58.50	141.23 10.43 -36.03	137.72 8.25 -49.39
HOLTSVILLE_IC_8 23697	107.36 6.80 -29.72	100.87 6.41 -23.99	91.94 6.19 -15.42	93.71 6.42 -16.74	91.87 6.60 -14.35	97.92 7.48 -10.84	147.76 11.27 -30.10	178.58 13.81 -30.70	167.94 15.55 -5.58	139.52 10.70 -30.64	124.37 10.38 -17.05	109.24 9.48 -8.61	111.35 8.39 -22.25	109.02 7.94 -26.10	113.01 7.65 -34.51	138.47 8.22 -58.72	163.04 10.33 -56.24	228.96 10.75 -121.37	225.17 10.67 -117.45	210.23 10.55 -102.94	207.19 10.75 -99.60	153.59 9.50 -58.50	141.23 10.43 -36.03	137.72 8.25 -49.39
HOLTSVILLE_IC_9 23698	107.36 6.80 -29.72	100.87 6.41 -23.99	91.94 6.19 -15.42	93.71 6.42 -16.74	91.87 6.60 -14.35	97.92 7.48 -10.84	147.76 11.27 -30.10	178.58 13.81 -30.70	167.94 15.55 -5.58	139.52 10.70 -30.64	124.37 10.38 -17.05	109.24 9.48 -8.61	111.35 8.39 -22.25	109.02 7.94 -26.10	113.01 7.65 -34.51	138.47 8.22 -58.72	163.04 10.33 -56.24	228.96 10.75 -121.37	225.17 10.67 -117.45	210.23 10.55 -102.94	207.19 10.75 -99.60	153.59 9.50 -58.50	141.23 10.43 -36.03	137.72 8.25 -49.39
HOMER_HL_115KV_TB2 355744	68.23 -2.83 -0.23	67.04 -3.52 -0.09	66.98 -3.45 -0.10	67.39 -3.25 -0.09	68.53 -2.77 -0.37	77.15 -2.94 -0.50	95.80 -11.06 -0.48	121.13 -15.15 -2.21	135.82 -12.18 -1.20	94.94 -9.43 -6.18	90.69 -9.69 -3.44	82.42 -9.84 -1.11	76.32 -8.88 -4.49	72.29 -7.95 -5.26	69.80 -8.01 -6.96	73.54 -7.94 -9.95	91.09 -11.19 -5.81	99.94 -10.75 -13.85	103.44 -10.48 -16.88	94.74 -11.13 -9.12	94.09 -11.04 -8.29	86.20 -9.59 -10.20	89.00 -10.43 -4.64	78.78 -7.93 -6.63
HOWARD_WT_PWR 323690	69.60 -1.49 -0.26	68.60 -1.97 -0.10	68.69 -1.76 -0.11	69.24 -1.41 -0.10	70.84 -0.49 -0.41	79.52 -0.64 -0.56	102.98 -3.93 -0.53	126.52 -6.30 1.24	141.69 -6.46 -1.34	102.15 -2.85 -6.82	96.48 -4.26 -3.80	87.55 -4.83 -1.23	81.30 -4.36 -4.96	76.97 -3.82 -5.81	74.50 -4.04 -7.68	78.80 -3.72 -10.99	92.95 -4.82 -1.30	108.16 -3.97 -15.29	112.28 -3.40 -18.64	98.40 -4.06 -5.72	98.37 -3.88 -5.41	93.18 -3.68 -11.26	96.02 -3.89 -5.13	84.76 -2.64 -7.32

HQ_GEN_CEDARS 23644	70.62 -0.21 0.00	70.75 0.28 0.00	70.68 0.35 0.00	70.76 0.21 0.00	70.78 -0.14 0.00	79.27 -0.32 0.00	106.07 -0.32 0.00	134.33 0.27 0.00	146.51 -0.29 0.00	97.00 -1.18 0.00	96.07 -0.87 0.00	90.61 -0.55 0.00	80.38 -0.32 0.00	74.60 -0.37 0.00	70.56 -0.28 0.00	70.96 -0.57 0.00	95.80 -0.68 0.00	96.16 -0.68 0.00	96.17 -0.87 0.00	95.87 -0.87 0.00	95.97 -0.87 0.00	84.99 -0.60 0.00	94.40 -0.38 0.00	80.31 0.24 0.00
HQ_GEN_CEDARS_PROXY 323590	70.63 -0.21 0.00	70.68 0.21 0.00	70.61 0.28 0.00	70.69 0.14 0.00	70.50 -0.42 0.00	79.27 -0.32 0.00	106.07 -0.32 0.00	134.33 0.27 0.00	146.51 -0.29 0.00	95.73 -2.45 0.00	96.07 -0.87 0.00	90.61 -0.54 0.00	80.38 -0.32 0.00	74.60 -0.37 0.00	70.56 -0.28 0.00	70.95 -0.57 0.00	95.90 -0.58 0.00	96.17 -0.67 0.00	96.17 -0.88 0.00	95.87 -0.87 0.00	95.97 -0.87 0.00	84.99 -0.59 0.00	94.40 -0.38 0.00	80.31 0.24 0.00
HQ_GEN_IMPORT 323601	69.99 -0.85 0.00	69.98 -0.49 0.00	69.98 -0.35 0.00	69.98 -0.57 0.00	70.00 -0.92 0.00	78.55 -1.04 0.00	105.00 -1.39 0.00	132.99 -1.08 0.00	145.19 -1.61 0.00	96.12 -2.07 0.00	95.39 -1.55 0.00	89.97 -1.19 0.00	79.74 -0.96 0.00	74.00 -0.98 0.00	70.00 -0.85 0.00	70.53 -1.00 0.00	95.21 -1.26 0.00	95.39 -1.45 0.00	95.39 -1.65 0.00	95.39 -1.35 0.00	95.39 -1.45 0.00	84.39 -1.20 0.00	93.45 -1.33 0.00	79.19 -0.88 0.00
HQ_GEN_WHEEL 23651	69.99 -0.85 0.00	69.98 -0.49 0.00	69.98 -0.35 0.00	69.98 -0.57 0.00	70.00 -0.92 0.00	78.55 -1.04 0.00	105.00 -1.39 0.00	132.99 -1.08 0.00	145.19 -1.61 0.00	96.12 -2.07 0.00	95.39 -1.55 0.00	89.97 -1.19 0.00	79.74 -0.96 0.00	74.00 -0.98 0.00	70.00 -0.85 0.00	70.53 -1.00 0.00	95.21 -1.26 0.00	95.39 -1.45 0.00	95.39 -1.65 0.00	95.39 -1.35 0.00	95.39 -1.45 0.00	84.39 -1.20 0.00	93.45 -1.33 0.00	79.19 -0.88 0.00
HUDSON_AVE_GT_3 23810	75.86 4.11 -0.91	74.58 3.73 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.38 3.97 -1.48	86.07 4.46 -2.02	115.68 6.92 -2.38	173.70 8.98 -30.65	163.19 10.86 -5.52	136.69 7.85 -30.65	121.85 7.85 -17.06	107.04 7.29 -8.59	109.35 6.38 -22.27	107.09 6.00 -26.12	111.04 5.67 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	173.00 7.46 -68.70	188.37 7.57 -83.76	172.67 7.35 -68.58	165.42 7.46 -61.12	142.70 6.50 -50.61	124.83 7.01 -23.03	118.27 5.28 -32.91
HUDSON_AVE_GT_4 23540	75.86 4.11 -0.91	74.58 3.73 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.38 3.97 -1.48	86.07 4.46 -2.02	115.68 6.92 -2.38	173.70 8.98 -30.65	163.19 10.86 -5.52	136.69 7.85 -30.65	121.85 7.85 -17.06	107.04 7.29 -8.59	109.35 6.38 -22.27	107.09 6.00 -26.12	111.04 5.67 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	173.00 7.46 -68.70	188.37 7.57 -83.76	172.67 7.35 -68.58	165.42 7.46 -61.12	142.70 6.50 -50.61	124.83 7.01 -23.03	118.27 5.28 -32.91
HUDSON_AVE_GT_5 23657	75.86 4.11 -0.91	74.58 3.73 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.38 3.97 -1.48	86.07 4.46 -2.02	115.68 6.92 -2.38	173.70 8.98 -30.65	163.19 10.86 -5.52	136.69 7.85 -30.65	121.85 7.85 -17.06	107.04 7.29 -8.59	109.35 6.38 -22.27	107.09 6.00 -26.12	111.04 5.67 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	173.00 7.46 -68.70	188.37 7.57 -83.76	172.67 7.35 -68.58	165.42 7.46 -61.12	142.70 6.50 -50.61	124.83 7.01 -23.03	118.27 5.28 -32.91
HUDSON_AVE_10 24168	75.72 3.97 -0.91	74.44 3.59 -0.37	74.18 3.45 -0.40	74.51 3.60 -0.36	76.17 3.76 -1.48	85.91 4.30 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.65	163.19 10.86 -5.52	136.59 7.76 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.38 -22.27	107.02 5.92 -26.12	110.97 5.60 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	173.00 7.46 -68.70	188.27 7.47 -83.76	172.67 7.35 -68.58	165.42 7.46 -61.12	142.70 6.50 -50.61	124.73 6.92 -23.03	118.11 5.12 -32.91
HUDSON___115KV_TB 4 355613	79.37 4.46 -4.07	76.58 4.44 -1.67	76.47 4.36 -1.78	76.61 4.44 -1.62	82.15 4.61 -6.61	93.75 5.17 -8.99	115.78 6.60 -2.80	176.45 6.30 -36.08	165.09 7.05 -11.24	138.68 4.42 -36.08	121.29 4.27 -20.08	102.07 4.01 -6.91	110.38 3.47 -26.21	109.02 3.30 -30.74	114.54 3.05 -40.64	132.80 3.15 -58.12	167.36 4.73 -66.16	182.65 4.94 -80.87	200.68 5.05 -98.59	182.52 4.93 -80.84	173.63 4.84 -71.95	149.18 4.02 -59.57	126.91 5.02 -27.11	123.22 4.40 -38.74
HUNTER MOUNT___DRP 323613	78.84 4.53 -3.47	76.40 4.51 -1.42	76.28 4.43 -1.52	76.44 4.51 -1.38	81.24 4.68 -5.64	92.59 5.33 -7.66	116.14 7.02 -2.73	175.84 6.57 -35.20	164.04 7.05 -10.19	137.70 4.32 -35.20	120.60 4.07 -19.59	101.22 3.74 -6.33	109.50 3.23 -25.57	108.12 3.15 -29.99	113.40 2.90 -39.65	131.38 3.15 -56.70	165.75 4.73 -64.55	180.87 5.13 -78.90	198.47 5.24 -96.19	180.72 5.13 -78.85	171.97 4.94 -70.19	147.82 4.11 -58.12	126.35 5.12 -26.45	122.27 4.40 -37.79
HUNTINGTON_RES_REC 323705	106.51 5.95 -29.72	100.03 5.57 -23.99	91.09 5.34 -15.42	92.79 5.51 -16.74	91.02 5.74 -14.35	96.88 6.44 -10.84	145.95 9.47 -30.10	177.26 12.60 -30.60	165.20 12.92 -5.47	138.24 9.43 -30.64	123.30 9.31 -17.05	108.24 8.48 -8.61	110.47 7.51 -22.25	108.13 7.05 -26.10	112.16 6.80 -34.51	137.47 7.22 -58.72	161.67 9.07 -56.14	193.83 9.88 -87.11	194.61 10.28 -87.28	189.28 9.97 -82.57	144.54 9.78 -37.92	152.72 8.73 -58.40	140.00 9.19 -36.03	136.68 7.21 -49.39
HUNTLEY___63 23557	67.15 -3.68 0.00	66.03 -4.44 0.00	65.90 -4.43 0.00	66.31 -4.23 0.00	67.09 -3.83 0.00	75.06 -4.54 0.00	96.69 -10.11 -0.41	120.58 -15.95 -2.47	130.05 -17.76 -1.01	94.42 -9.03 -5.27	90.96 -8.92 -2.93	82.99 -9.12 -0.95	76.38 -8.15 -3.83	72.42 -7.05 -4.49	69.48 -7.30 -5.93	72.79 -7.22 -8.48	91.14 -11.09 -5.77	98.09 -10.56 -11.80	101.15 -10.29 -14.39	93.99 -11.22 -8.47	93.46 -11.04 -7.66	85.04 -9.24 -8.70	89.07 -9.67 -3.96	79.16 -6.57 -5.65
HUNTLEY___64 23558	67.15 -3.68 0.00	66.03 -4.44 0.00	65.90 -4.43 0.00	66.31 -4.23 0.00	67.09 -3.83 0.00	75.06 -4.54 0.00	96.69 -10.11 -0.41	120.58 -15.95 -2.47	130.05 -17.76 -1.01	94.42 -9.03 -5.27	90.96 -8.92 -2.93	82.99 -9.12 -0.95	76.38 -8.15 -3.83	72.42 -7.05 -4.49	69.48 -7.30 -5.93	72.79 -7.22 -8.48	91.14 -11.09 -5.77	98.09 -10.56 -11.80	101.15 -10.29 -14.39	93.99 -11.22 -8.47	93.46 -11.04 -7.66	85.04 -9.24 -8.70	89.07 -9.67 -3.96	79.16 -6.57 -5.65
HUNTLEY___65 23559	67.15 -3.68 0.00	66.03 -4.44 0.00	65.90 -4.43 0.00	66.31 -4.23 0.00	67.09 -3.83 0.00	75.06 -4.54 0.00	96.69 -10.11 -0.41	120.58 -15.95 -2.47	130.05 -17.76 -1.01	94.42 -9.03 -5.27	90.96 -8.92 -2.93	82.99 -9.12 -0.95	76.38 -8.15 -3.83	72.42 -7.05 -4.49	69.48 -7.30 -5.93	72.79 -7.22 -8.48	91.14 -11.09 -5.77	98.09 -10.56 -11.80	101.15 -10.29 -14.39	93.99 -11.22 -8.47	93.46 -11.04 -7.66	85.04 -9.24 -8.70	89.07 -9.67 -3.96	79.16 -6.57 -5.65
HUNTLEY___66 23560	67.15 -3.68 0.00	66.03 -4.44 0.00	65.90 -4.43 0.00	66.31 -4.23 0.00	67.09 -3.83 0.00	75.06 -4.54 0.00	96.69 -10.11 -0.41	120.58 -15.95 -2.47	130.05 -17.76 -1.01	94.42 -9.03 -5.27	90.96 -8.92 -2.93	82.99 -9.12 -0.95	76.38 -8.15 -3.83	72.42 -7.05 -4.49	69.48 -7.30 -5.93	72.79 -7.22 -8.48	91.14 -11.09 -5.77	98.09 -10.56 -11.80	101.15 -10.29 -14.39	93.99 -11.22 -8.47	93.46 -11.04 -7.66	85.04 -9.24 -8.70	89.07 -9.67 -3.96	79.16 -6.57 -5.65

HUNTLEY___67 23561	67.01 -3.83 0.00	65.82 -4.65 0.00	65.69 -4.64 0.00	66.10 -4.44 0.00	66.95 -3.97 0.00	75.21 -4.38 0.00	97.01 -9.79 -0.41	120.82 -15.69 -2.44	130.66 -17.18 -1.03	94.80 -8.74 -5.35	91.30 -8.63 -2.98	83.18 -8.93 -0.96	76.68 -7.91 -3.89	72.64 -6.90 -4.56	69.79 -7.08 -6.03	73.07 -7.08 -8.62	91.44 -10.80 -5.77	98.57 -10.27 -12.00	101.67 -10.00 -14.63	94.44 -10.84 -8.53	93.81 -10.75 -7.72	85.44 -8.99 -8.84	89.51 -9.29 -4.02	79.41 -6.41 -5.75
HUNTLEY___68 23562	67.01 -3.83 0.00	65.82 -4.65 0.00	65.69 -4.64 0.00	66.10 -4.44 0.00	66.95 -3.97 0.00	75.21 -4.38 0.00	97.01 -9.79 -0.41	120.82 -15.69 -2.44	130.66 -17.18 -1.03	94.80 -8.74 -5.35	91.30 -8.63 -2.98	83.18 -8.93 -0.96	76.68 -7.91 -3.89	72.64 -6.90 -4.56	69.79 -7.08 -6.03	73.07 -7.08 -8.62	91.44 -10.80 -5.77	98.57 -10.27 -12.00	101.67 -10.00 -14.63	94.44 -10.84 -8.53	93.81 -10.75 -7.72	85.44 -8.99 -8.84	89.51 -9.29 -4.02	79.41 -6.41 -5.75
HYLAND___LFGE 323620	69.85 -0.99 0.00	68.99 -1.48 0.00	68.57 -1.76 0.00	69.06 -1.48 0.00	70.35 -0.57 0.00	79.20 -0.40 0.00	104.92 -1.91 -0.45	131.27 -4.16 -1.37	141.47 -6.46 -1.12	100.91 -3.04 -5.77	95.70 -4.46 -3.21	86.81 -5.38 -1.04	80.22 -4.68 -4.19	75.77 -4.12 -4.92	73.32 -4.04 -6.50	77.54 -3.29 -9.30	97.36 -3.57 -4.46	107.74 -2.04 -12.94	111.17 -1.65 -15.78	102.12 -2.32 -7.70	101.74 -2.13 -7.03	92.73 -2.40 -9.53	96.65 -2.46 -4.34	84.75 -1.52 -6.20
INDECK___CORINTH 23802	86.44 5.95 -9.65	80.27 5.85 -3.95	80.39 5.83 -4.23	80.32 5.93 -3.85	92.71 6.10 -15.69	107.67 6.76 -21.31	115.53 6.17 -2.97	179.67 7.23 -38.37	179.45 8.51 -24.14	142.14 5.59 -38.36	123.72 5.43 -21.35	103.23 4.65 -7.43	112.69 4.11 -27.87	111.34 3.67 -32.69	117.39 3.33 -43.21	136.69 3.36 -61.80	171.64 4.82 -70.35	188.05 5.23 -85.99	207.11 5.24 -104.83	188.23 5.22 -86.27	178.28 4.94 -76.50	153.38 4.45 -63.34	128.63 5.02 -28.83	127.83 6.57 -41.19
INDECK___ILION 23567	75.09 4.25 0.00	74.56 4.09 0.00	74.48 4.15 0.00	74.78 4.23 0.00	75.46 4.54 0.00	85.40 5.81 0.00	114.68 8.30 0.00	144.79 10.73 0.00	158.99 12.18 0.00	106.43 8.25 0.00	104.51 7.56 0.00	97.90 6.75 0.00	86.19 5.49 0.00	79.63 4.65 0.00	75.03 4.18 0.00	76.03 4.51 0.00	103.22 6.75 0.00	104.30 7.46 0.00	104.71 7.67 0.00	104.00 7.26 0.00	103.81 6.97 0.00	91.75 6.16 0.00	101.70 6.92 0.00	86.08 6.01 0.00
INDECK___OLEAN 23982	68.23 -2.84 -0.23	67.11 -3.45 -0.09	66.98 -3.44 -0.10	67.39 -3.24 -0.09	68.88 -2.41 -0.37	77.15 -2.94 -0.50	95.80 -11.07 -0.48	121.14 -15.15 -2.22	135.97 -12.03 -1.20	95.63 -8.74 -6.19	90.70 -9.69 -3.44	82.42 -9.85 -1.11	76.32 -8.88 -4.50	72.30 -7.95 -5.27	69.81 -8.01 -6.97	73.56 -7.94 -9.97	91.02 -11.29 -5.83	99.96 -10.75 -13.87	103.47 -10.48 -16.91	94.77 -11.12 -9.15	94.11 -11.04 -8.31	86.22 -9.58 -10.22	89.00 -10.43 -4.65	78.79 -7.93 -6.65
INDECK___OSWEGO 23783	68.15 -2.69 0.00	67.44 -3.03 0.00	67.24 -3.09 0.00	67.59 -2.96 0.00	68.23 -2.69 0.00	76.57 -3.02 0.00	102.35 -4.26 -0.22	131.46 -5.50 -2.90	140.50 -6.31 0.00	97.65 -3.44 -2.90	94.88 -3.68 -1.61	87.85 -3.82 -0.52	79.50 -3.31 -2.11	74.37 -3.08 -2.47	71.21 -2.91 -3.27	73.41 -2.79 -4.67	97.93 -3.86 -5.32	99.66 -3.68 -6.50	101.48 -3.49 -7.93	99.45 -3.77 -6.48	98.95 -3.68 -5.79	86.95 -3.43 -4.79	93.17 -3.79 -2.18	79.98 -3.21 -3.12
INDECK___YERKES 23781	67.23 -3.61 0.00	66.10 -4.37 0.00	65.97 -4.36 0.00	66.38 -4.16 0.00	67.80 -3.12 0.00	75.06 -4.53 0.00	96.69 -10.11 -0.41	120.46 -16.09 -2.48	130.05 -17.77 -1.01	95.51 -7.95 -5.28	90.87 -9.01 -2.94	82.99 -9.11 -0.95	76.39 -8.15 -3.83	72.35 -7.12 -4.50	69.50 -7.30 -5.94	72.73 -7.30 -8.50	90.97 -11.29 -5.79	98.02 -10.65 -11.83	101.08 -10.38 -14.42	94.02 -11.22 -8.49	93.39 -11.13 -7.68	85.06 -9.25 -8.71	89.08 -9.67 -3.97	79.26 -6.48 -5.67
INDIAN POINT_GT_1 24139	75.57 3.83 -0.91	74.08 3.24 -0.37	73.82 3.09 -0.40	74.15 3.25 -0.36	75.88 3.48 -1.48	85.50 3.90 -2.01	114.68 5.96 -2.34	171.86 7.64 -30.15	161.32 9.10 -5.42	134.81 6.48 -30.15	120.12 6.40 -16.78	105.81 5.92 -8.74	107.85 5.25 -21.90	105.54 4.87 -25.69	109.48 4.68 -33.96	124.89 4.79 -48.57	157.83 6.08 -55.28	170.71 6.29 -67.57	185.83 6.40 -82.38	170.48 6.29 -67.45	163.25 6.29 -60.12	140.93 5.56 -49.78	123.40 5.97 -22.65	116.93 4.48 -32.37
INDIAN POINT_GT_2 23659	75.57 3.83 -0.91	74.08 3.24 -0.37	73.82 3.09 -0.40	74.15 3.25 -0.36	75.88 3.48 -1.48	85.50 3.90 -2.01	114.68 5.96 -2.34	171.86 7.64 -30.15	161.32 9.10 -5.42	134.81 6.48 -30.15	120.12 6.40 -16.78	105.81 5.92 -8.74	107.85 5.25 -21.90	105.54 4.87 -25.69	109.48 4.68 -33.96	124.89 4.79 -48.57	157.83 6.08 -55.28	170.71 6.29 -67.57	185.83 6.40 -82.38	170.48 6.29 -67.45	163.25 6.29 -60.12	140.93 5.56 -49.78	123.40 5.97 -22.65	116.93 4.48 -32.37
INDIAN POINT_GT_3 24019	75.57 3.83 -0.91	74.08 3.24 -0.37	73.82 3.09 -0.40	74.15 3.25 -0.36	75.88 3.48 -1.48	85.50 3.90 -2.01	114.68 5.96 -2.34	171.86 7.64 -30.15	161.32 9.10 -5.42	134.81 6.48 -30.15	120.12 6.40 -16.78	105.81 5.92 -8.74	107.85 5.25 -21.90	105.54 4.87 -25.69	109.48 4.68 -33.96	124.89 4.79 -48.57	157.83 6.08 -55.28	170.71 6.29 -67.57	185.83 6.40 -82.38	170.48 6.29 -67.45	163.25 6.29 -60.12	140.93 5.56 -49.78	123.40 5.97 -22.65	116.93 4.48 -32.37
INDIAN POINT___2 23530	75.03 3.33 -0.87	74.00 3.17 -0.35	73.73 3.02 -0.38	74.07 3.18 -0.35	75.66 3.33 -1.41	85.25 3.74 -1.91	114.42 5.74 -2.29	170.90 7.23 -29.60	160.77 8.66 -5.30	134.07 6.29 -29.60	119.53 6.11 -16.47	106.39 5.65 -9.58	107.21 5.01 -21.50	104.92 4.73 -25.22	108.66 4.47 -33.34	123.79 4.58 -47.68	156.54 5.79 -54.28	169.19 6.01 -66.35	184.05 6.12 -80.89	168.97 6.00 -66.22	161.87 6.01 -59.03	139.77 5.31 -48.87	122.71 5.69 -22.24	116.02 4.16 -31.78
INDIAN POINT___3 23531	75.20 3.47 -0.89	74.01 3.17 -0.37	73.75 3.02 -0.39	74.08 3.17 -0.36	75.71 3.33 -1.45	85.38 3.82 -1.97	114.58 5.85 -2.34	171.61 7.37 -30.17	161.03 8.81 -5.42	134.63 6.28 -30.17	119.93 6.20 -16.78	105.71 5.74 -8.82	107.70 5.08 -21.91	105.40 4.72 -25.70	109.36 4.53 -33.98	124.77 4.65 -48.59	157.67 5.88 -55.32	170.55 6.10 -67.61	185.68 6.21 -82.43	170.33 6.09 -67.49	163.10 6.10 -60.15	140.70 5.31 -49.81	123.23 5.78 -22.67	116.78 4.32 -32.39
INGHAM_C_115KV_TB7 356103	74.59 3.75 0.00	74.06 3.59 0.00	73.99 3.66 0.00	74.36 3.81 0.00	74.97 4.04 0.00	84.84 5.25 0.00	113.94 7.55 0.00	143.72 9.65 0.00	157.81 11.01 0.00	105.64 7.46 0.00	103.83 6.88 0.00	97.26 6.11 0.00	85.63 4.92 0.00	79.10 4.12 0.00	74.60 3.75 0.00	75.53 4.01 0.00	102.45 5.98 0.00	103.52 6.68 0.00	103.83 6.79 0.00	103.23 6.48 0.00	103.04 6.20 0.00	91.15 5.56 0.00	100.94 6.16 0.00	85.52 5.44 0.00
IP CORINTH___1 23988	86.44 5.95 -9.65	80.27 5.85 -3.95	80.40 5.84 -4.23	80.32 5.93 -3.85	92.64 6.03 -15.69	107.67 6.77 -21.31	116.06 6.70 -2.97	180.34 7.91 -38.37	180.34 9.40 -24.14	142.63 6.09 -38.36	124.20 5.91 -21.35	103.68 5.10 -7.43	113.09 4.52 -27.87	111.71 4.05 -32.69	117.74 3.68 -43.21	137.05 3.72 -61.80	172.22 5.40 -70.35	188.63 5.81 -85.98	207.59 5.73 -104.83	188.82 5.80 -86.27	178.86 5.52 -76.50	153.81 4.88 -63.34	129.20 5.59 -28.82	127.83 6.57 -41.19

IP___TICONDEROGA 23804	88.61 8.22 -9.55	82.56 8.17 -3.91	82.68 8.16 -4.19	82.68 8.32 -3.81	94.82 8.37 -15.53	110.08 9.39 -21.10	120.10 10.74 -2.97	185.39 13.00 -38.32	185.88 15.12 -23.96	146.02 9.52 -38.32	127.38 9.11 -21.32	106.51 7.93 -7.42	115.40 6.86 -27.83	113.85 6.22 -32.65	119.82 5.81 -43.16	139.19 5.94 -61.73	175.61 8.88 -70.26	192.21 9.49 -85.88	211.16 9.41 -104.71	192.39 9.48 -86.16	182.16 8.91 -76.41	156.56 7.70 -63.26	132.29 8.72 -28.79	130.10 8.89 -41.14
ISLIP_RES_REC 323679	107.71 7.15 -29.72	101.16 6.70 -23.99	92.22 6.47 -15.42	93.99 6.71 -16.74	92.15 6.88 -14.35	98.32 7.88 -10.84	148.29 11.81 -30.10	179.24 14.48 -30.69	168.67 16.29 -5.57	139.91 11.09 -30.64	124.85 10.86 -17.05	109.61 9.85 -8.61	111.68 8.72 -22.25	109.33 8.25 -26.10	113.29 7.93 -34.51	138.83 8.58 -58.72	163.60 10.90 -56.23	227.82 11.42 -119.56	224.25 11.35 -115.86	209.73 11.12 -101.86	204.50 11.32 -96.34	154.01 9.92 -58.50	141.70 10.90 -36.03	138.04 8.57 -49.39
JAMAICA__27_KV_LOAD 355505	76.07 4.32 -0.91	74.72 3.88 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	86.30 4.70 -2.02	116.32 7.55 -2.38	174.77 10.05 -30.65	164.51 12.18 -5.52	137.57 8.74 -30.65	122.73 8.73 -17.06	107.77 8.02 -8.59	110.07 7.10 -22.27	107.77 6.67 -26.12	111.68 6.31 -34.53	127.34 6.44 -49.38	160.78 8.10 -56.21	174.06 8.52 -68.70	189.53 8.73 -83.76	173.83 8.51 -68.58	166.58 8.62 -61.12	143.73 7.53 -50.61	125.58 7.77 -23.03	118.67 5.69 -32.91
JANIS___SOLAR 323808	74.50 3.19 -0.47	73.41 2.75 -0.19	73.35 2.82 -0.21	73.70 2.96 -0.19	75.16 3.47 -0.76	84.92 4.30 -1.04	112.58 5.53 -0.66	157.36 6.97 -16.33	156.08 7.19 -2.08	111.96 5.20 -8.58	105.69 3.98 -4.77	95.61 2.92 -1.54	89.35 2.42 -6.23	84.46 2.18 -7.31	82.56 2.06 -9.66	87.99 2.65 -13.82	127.42 4.44 -26.51	121.29 5.23 -19.22	126.20 5.72 -23.44	130.25 5.12 -28.38	127.05 5.23 -24.98	103.77 4.02 -14.16	105.49 4.27 -6.44	92.89 3.61 -9.21
JARVIS____ 23743	71.62 0.78 0.00	71.17 0.70 0.00	71.03 0.70 0.00	71.25 0.71 0.00	71.70 0.78 0.00	80.55 0.96 0.00	107.67 1.28 0.00	135.68 1.61 0.00	148.71 1.90 0.00	99.56 1.37 0.00	98.20 1.26 0.00	92.25 1.10 0.00	81.68 0.97 0.00	75.88 0.90 0.00	71.70 0.85 0.00	72.39 0.86 0.00	97.63 1.16 0.00	98.10 1.26 0.00	98.30 1.26 0.00	97.91 1.17 0.00	98.10 1.26 0.00	86.62 1.03 0.00	95.92 1.14 0.00	80.95 0.88 0.00
JENNISON___1 23625	75.27 3.68 -0.75	74.02 3.24 -0.31	74.04 3.38 -0.33	74.37 3.53 -0.30	75.83 3.69 -1.22	86.03 4.78 -1.66	113.50 6.28 -0.84	154.38 7.91 -12.41	158.66 8.81 -3.05	114.98 5.99 -10.81	108.10 5.14 -6.02	97.29 4.19 -1.94	92.11 3.55 -7.85	87.34 3.15 -9.21	85.93 2.90 -12.18	92.31 3.36 -17.42	123.63 5.11 -22.04	126.89 5.81 -24.24	132.80 6.21 -29.55	128.46 5.61 -26.10	125.83 5.81 -23.18	108.15 4.71 -17.85	107.93 5.02 -8.12	96.01 4.32 -11.61
JENNISON___2 23626	75.27 3.68 -0.75	74.02 3.24 -0.31	74.04 3.38 -0.33	74.37 3.53 -0.30	75.83 3.69 -1.22	86.03 4.78 -1.66	113.50 6.28 -0.84	154.38 7.91 -12.41	158.66 8.81 -3.05	114.98 5.99 -10.81	108.10 5.14 -6.02	97.29 4.19 -1.94	92.11 3.55 -7.85	87.34 3.15 -9.21	85.93 2.90 -12.18	92.31 3.36 -17.42	123.63 5.11 -22.04	126.89 5.81 -24.24	132.80 6.21 -29.55	128.46 5.61 -26.10	125.83 5.81 -23.18	108.15 4.71 -17.85	107.93 5.02 -8.12	96.01 4.32 -11.61
JERICHO_RISE_WT_PWR 323719	69.63 -1.20 0.00	69.70 -0.77 0.00	69.63 -0.70 0.00	69.70 -0.84 0.00	69.57 -1.35 0.00	78.32 -1.28 0.00	104.15 -2.24 0.00	132.06 -2.01 0.00	144.45 -2.35 0.00	95.63 -2.55 0.00	95.20 -1.74 0.00	89.88 -1.28 0.00	79.57 -1.13 0.00	73.63 -1.35 0.00	69.43 -1.42 0.00	70.02 -1.51 0.00	95.03 -1.44 0.00	95.48 -1.36 0.00	95.48 -1.56 0.00	95.30 -1.45 0.00	95.19 -1.65 0.00	84.05 -1.54 0.00	92.89 -1.89 0.00	78.95 -1.12 0.00
KATONAH___115KV_46KV_TB4 355592	76.45 4.68 -0.94	75.22 4.37 -0.38	74.96 4.22 -0.41	75.29 4.37 -0.37	77.13 4.68 -1.52	86.99 5.33 -2.07	116.67 7.87 -2.41	177.26 12.07 -31.13	166.52 14.09 -5.62	138.93 9.62 -31.13	123.77 9.50 -17.32	107.91 8.84 -7.92	111.23 7.91 -22.61	108.70 7.20 -26.52	112.71 6.80 -35.07	128.76 7.08 -50.15	163.01 9.45 -57.09	176.49 9.88 -69.78	192.10 10.00 -85.07	176.36 9.96 -69.65	168.70 9.78 -62.08	145.46 8.47 -51.40	127.27 9.10 -23.39	120.30 6.81 -33.42
KCE_NY_1 323755	85.36 5.10 -9.42	79.33 5.00 -3.86	79.38 4.92 -4.13	79.31 5.01 -3.75	91.40 5.17 -15.31	106.12 5.73 -20.80	116.48 7.13 -2.97	180.91 8.59 -38.26	180.34 9.84 -23.70	143.12 6.68 -38.25	124.63 6.40 -21.29	104.32 5.75 -7.42	113.58 5.09 -27.79	112.22 4.65 -32.59	118.26 4.32 -43.09	137.59 4.44 -61.63	172.80 6.18 -70.15	189.07 6.49 -85.74	208.08 6.50 -104.54	189.24 6.48 -86.02	179.42 6.29 -76.29	154.23 5.48 -63.16	129.68 6.16 -28.74	126.75 5.60 -41.07
KCE_NY_6_ESR 323823	67.93 -2.91 0.00	66.80 -3.67 0.00	66.67 -3.66 0.00	67.09 -3.46 0.00	68.51 -2.41 0.00	76.41 -3.19 0.00	97.88 -8.94 -0.43	122.28 -14.21 -2.43	133.34 -14.54 -1.07	96.87 -6.88 -5.56	92.09 -7.95 -3.09	83.86 -8.29 -1.00	77.32 -7.42 -4.04	73.27 -6.45 -4.74	70.38 -6.73 -6.26	73.84 -6.65 -8.96	92.09 -10.23 -5.84	99.82 -9.49 -12.46	103.01 -9.22 -15.19	95.52 -9.96 -8.73	94.87 -9.88 -7.90	86.47 -8.30 -9.18	90.33 -8.62 -4.18	80.28 -5.77 -5.97
KEDC_PORT_JEFF_GT2 24210	107.29 6.73 -29.72	100.80 6.34 -23.99	91.87 6.12 -15.42	93.64 6.35 -16.74	91.80 6.52 -14.35	97.84 7.40 -10.84	147.55 11.06 -30.10	178.45 13.68 -30.71	167.66 15.27 -5.59	139.33 10.51 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.95 7.87 -26.10	112.86 7.51 -34.51	138.40 8.15 -58.72	162.94 10.22 -56.25	231.18 10.46 -123.88	227.09 10.39 -119.67	211.33 10.16 -104.43	211.33 10.37 -104.12	153.52 9.41 -58.51	141.14 10.33 -36.03	137.64 8.17 -49.39
KEDC_PORT_JEFF_GT3 24211	107.29 6.73 -29.72	100.80 6.34 -23.99	91.87 6.12 -15.42	93.64 6.35 -16.74	91.80 6.52 -14.35	97.84 7.40 -10.84	147.55 11.06 -30.10	178.45 13.68 -30.71	167.66 15.27 -5.59	139.33 10.51 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.95 7.87 -26.10	112.86 7.51 -34.51	138.40 8.15 -58.72	162.94 10.22 -56.25	231.18 10.46 -123.88	227.09 10.39 -119.67	211.33 10.16 -104.43	211.33 10.37 -104.12	153.52 9.41 -58.51	141.14 10.33 -36.03	137.64 8.17 -49.39
KEDC_GLWD_GT4 24219	105.66 5.10 -29.72	99.54 5.08 -23.99	90.60 4.85 -15.42	92.37 5.08 -16.74	90.53 5.25 -14.35	96.33 5.89 -10.84	144.79 8.30 -30.10	175.29 10.59 -30.64	164.36 12.04 -5.52	137.36 8.54 -30.64	122.42 8.43 -17.05	107.97 8.21 -8.61	110.14 7.18 -22.25	107.90 6.82 -26.10	111.80 6.45 -34.51	136.69 6.44 -58.72	160.76 8.10 -56.18	206.60 8.62 -101.14	205.51 8.83 -99.64	196.17 8.52 -90.91	168.64 8.62 -63.18	151.56 7.53 -58.44	138.77 7.96 -36.03	135.63 6.17 -49.39
KEDC_GLWD_GT5 24220	105.66 5.10 -29.72	99.54 5.08 -23.99	90.60 4.85 -15.42	92.37 5.08 -16.74	90.53 5.25 -14.35	96.33 5.89 -10.84	144.79 8.30 -30.10	175.29 10.59 -30.64	164.36 12.04 -5.52	137.36 8.54 -30.64	122.42 8.43 -17.05	107.97 8.21 -8.61	110.14 7.18 -22.25	107.90 6.82 -26.10	111.80 6.45 -34.51	136.69 6.44 -58.72	160.76 8.10 -56.18	206.60 8.62 -101.14	205.51 8.83 -99.64	196.17 8.52 -90.91	168.64 8.62 -63.18	151.56 7.53 -58.44	138.77 7.96 -36.03	135.63 6.17 -49.39

KENSICO____ 23655	75.64 3.90 -0.91	74.44 3.59 -0.37	74.17 3.45 -0.40	74.51 3.60 -0.36	76.15 3.76 -1.47	85.89 4.30 -2.00	115.24 6.49 -2.36	172.88 8.31 -30.50	162.13 9.84 -5.49	135.75 7.07 -30.50	120.90 6.98 -16.97	106.33 6.47 -8.71	108.59 5.73 -22.15	106.29 5.32 -25.99	110.30 5.10 -34.35	125.81 5.15 -49.13	158.96 6.56 -55.93	172.08 6.88 -68.36	187.37 6.99 -83.34	171.75 6.77 -68.23	164.53 6.88 -60.82	141.94 5.99 -50.36	124.14 6.45 -22.92	117.70 4.88 -32.75
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	75.74 3.83 -1.08	74.58 3.66 -0.44	74.32 3.52 -0.47	74.57 3.60 -0.43	76.58 3.90 -1.75	86.59 4.62 -2.38	115.54 6.92 -2.23	170.94 8.04 -28.83	161.57 9.25 -5.52	133.29 6.28 -28.83	118.90 5.91 -16.04	100.88 5.38 -4.35	106.41 4.76 -20.94	104.11 4.57 -24.56	107.71 4.39 -32.47	122.61 4.65 -46.44	155.60 6.27 -52.86	168.13 6.68 -64.61	182.80 6.99 -78.77	168.02 6.77 -64.50	161.20 6.88 -57.48	139.00 5.82 -47.59	122.88 6.45 -21.66	115.91 4.88 -30.95
KIAC_JFK_GT1 23816	75.36 3.61 -0.91	74.02 3.17 -0.37	73.75 3.02 -0.40	74.09 3.17 -0.36	75.81 3.40 -1.48	85.51 3.90 -2.02	115.25 6.49 -2.38	173.43 8.71 -30.65	163.04 10.72 -5.52	136.59 7.76 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.38 -22.27	107.02 5.92 -26.12	110.97 5.60 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	173.10 7.55 -68.70	188.47 7.67 -83.76	172.77 7.45 -68.58	165.52 7.55 -61.12	142.79 6.59 -50.61	124.64 6.82 -23.03	117.87 4.88 -32.91
KIAC_JFK_GT2 23817	75.36 3.61 -0.91	74.02 3.17 -0.37	73.75 3.02 -0.40	74.09 3.17 -0.36	75.81 3.40 -1.48	85.51 3.90 -2.02	115.25 6.49 -2.38	173.43 8.71 -30.65	163.04 10.72 -5.52	136.59 7.76 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.38 -22.27	107.02 5.92 -26.12	110.97 5.60 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	173.10 7.55 -68.70	188.47 7.67 -83.76	172.77 7.45 -68.58	165.52 7.55 -61.12	142.79 6.59 -50.61	124.64 6.82 -23.03	117.87 4.88 -32.91
KIAC_JFK____ 323774	75.36 3.61 -0.91	74.09 3.24 -0.37	73.82 3.09 -0.40	74.16 3.25 -0.36	75.88 3.47 -1.48	85.51 3.90 -2.02	115.25 6.49 -2.38	173.43 8.71 -30.66	163.04 10.71 -5.52	136.59 7.75 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.37 -22.27	107.02 5.92 -26.12	111.05 5.67 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	173.10 7.56 -68.71	188.47 7.66 -83.76	172.77 7.45 -68.58	165.52 7.56 -61.13	142.79 6.59 -50.61	124.64 6.83 -23.03	117.79 4.80 -32.91
KINTIGH____ 23543	66.73 -4.11 0.00	65.68 -4.79 0.00	65.48 -4.85 0.00	65.89 -4.66 0.00	66.74 -4.18 0.00	74.98 -4.62 0.00	98.67 -8.09 -0.37	123.20 -13.41 -2.54	131.56 -16.15 -0.90	95.66 -7.27 -4.74	92.41 -7.17 -2.64	84.53 -7.47 -0.85	77.61 -6.54 -3.44	73.32 -5.70 -4.04	70.38 -5.81 -5.34	73.44 -5.72 -7.64	93.33 -8.78 -5.64	99.04 -8.43 -10.63	101.85 -8.15 -12.96	95.85 -8.90 -8.01	95.25 -8.81 -7.22	86.06 -7.36 -7.83	90.76 -7.58 -3.56	79.96 -5.20 -5.09
KNTFSRNC_46_KV_46KV_LOAD 80397	71.19 0.35 0.00	71.25 0.78 0.00	71.03 0.70 0.00	71.18 0.63 0.00	71.28 0.35 0.00	80.15 0.56 0.00	105.96 -0.43 0.00	134.33 0.27 0.00	146.80 0.00 0.00	97.69 -0.49 0.00	96.75 -0.19 0.00	91.15 0.00 0.00	80.95 0.24 0.00	74.83 -0.15 0.00	70.56 -0.28 0.00	71.24 -0.29 0.00	96.66 0.19 0.00	97.42 0.58 0.00	97.53 0.49 0.00	96.94 0.19 0.00	96.94 0.10 0.00	85.50 -0.09 0.00	94.40 -0.38 0.00	80.87 0.80 0.00
LACHUTE____HYDRO 323717	88.60 8.21 -9.55	82.56 8.17 -3.91	82.67 8.15 -4.19	82.68 8.32 -3.81	94.89 8.44 -15.53	110.08 9.39 -21.10	120.10 10.74 -2.97	185.39 13.00 -38.32	185.88 15.12 -23.96	146.13 9.63 -38.32	127.38 9.11 -21.32	106.50 7.93 -7.42	115.40 6.86 -27.83	113.85 6.22 -32.65	119.82 5.81 -43.16	139.19 5.93 -61.73	175.61 8.87 -70.27	192.22 9.50 -85.89	211.16 9.41 -104.71	192.40 9.49 -86.16	182.15 8.90 -76.41	156.56 7.71 -63.27	132.29 8.71 -28.79	130.10 8.89 -41.14
LAWRNCV_115KV_TB1 80681	70.77 -0.07 0.00	70.89 0.42 0.00	70.82 0.49 0.00	70.90 0.35 0.00	70.92 0.00 0.00	79.59 0.00 0.00	107.13 0.74 0.00	135.27 1.21 0.00	147.24 0.44 0.00	97.40 -0.79 0.00	96.75 -0.19 0.00	91.06 -0.09 0.00	80.95 0.24 0.00	75.05 0.07 0.00	71.06 0.21 0.00	71.24 -0.29 0.00	95.99 -0.48 0.00	96.55 -0.29 0.00	96.55 -0.49 0.00	96.07 -0.68 0.00	96.26 -0.58 0.00	85.33 -0.26 0.00	95.35 0.57 0.00	81.35 1.28 0.00
LEDERLE____ 23769	75.08 3.40 -0.84	73.92 3.10 -0.35	73.65 2.95 -0.37	73.99 3.10 -0.34	75.63 3.33 -1.37	85.27 3.82 -1.86	114.49 5.85 -2.25	170.32 7.24 -29.01	160.65 8.66 -5.18	133.38 6.19 -29.01	119.19 6.11 -16.14	97.64 5.65 -0.84	106.78 5.00 -21.07	104.34 4.65 -24.72	107.99 4.46 -32.68	122.84 4.58 -46.73	155.46 5.79 -53.20	167.96 6.10 -65.02	182.52 6.21 -79.27	167.74 6.09 -64.90	160.79 6.10 -57.85	138.79 5.31 -47.90	122.27 5.69 -21.80	115.46 4.24 -31.15
LIGHTHSE_115KV_TB6 355974	70.13 -0.71 0.00	69.48 -0.99 0.00	69.35 -0.98 0.00	69.63 -0.92 0.00	70.14 -0.78 0.00	79.11 -0.48 0.00	105.64 -0.96 -0.21	135.39 -1.34 -2.66	144.90 -1.91 0.00	99.96 -0.88 -2.66	97.46 -0.97 -1.48	90.27 -1.37 -0.48	81.43 -1.21 -1.94	76.12 -1.12 -2.27	72.79 -1.06 -3.00	74.96 -0.86 -4.29	100.49 -0.87 -4.89	102.23 -0.58 -5.97	104.03 -0.29 -7.28	102.02 -0.68 -5.95	101.57 -0.58 -5.31	89.48 -0.51 -4.40	96.02 -0.76 -2.00	82.37 -0.56 -2.86
LINDEN COGEN____ 23786	54.09 3.54 20.29	54.09 3.24 19.62	54.09 3.02 19.26	54.09 3.25 19.70	54.09 3.40 20.24	54.09 3.74 29.24	69.98 6.06 42.47	94.19 7.91 47.78	89.44 9.54 66.90	66.29 6.97 38.86	62.47 6.98 41.46	60.01 6.47 37.62	56.79 5.73 29.65	54.54 5.32 25.76	54.10 5.03 21.78	55.84 5.15 20.84	41.01 6.37 61.82	40.19 6.68 63.33	51.19 6.69 52.54	40.19 6.58 63.14	40.19 6.68 63.33	40.19 5.82 51.22	66.36 6.25 34.67	57.69 4.48 26.86
LINDHRST_69_KV_BK1 356055	106.86 6.30 -29.72	100.38 5.92 -23.99	91.45 5.70 -15.42	93.14 5.86 -16.74	91.38 6.10 -14.35	97.44 7.00 -10.84	146.81 10.32 -30.10	177.44 12.74 -30.64	166.86 14.53 -5.52	138.93 10.11 -30.63	123.88 9.89 -17.05	108.78 9.02 -8.61	110.95 7.99 -22.25	108.65 7.57 -26.10	112.58 7.23 -34.51	137.90 7.65 -58.72	162.30 9.65 -56.18	209.92 10.27 -102.81	208.44 10.29 -101.11	198.71 10.06 -91.90	173.20 10.17 -66.20	152.94 8.90 -58.44	140.57 9.76 -36.03	137.15 7.69 -49.39
LIPA_MISC_IPP 23656	107.14 6.59 -29.72	100.59 6.13 -23.99	91.73 5.98 -15.42	93.43 6.14 -16.74	91.59 6.31 -14.35	97.76 7.32 -10.84	147.44 10.96 -30.10	178.17 13.41 -30.70	167.65 15.27 -5.57	139.22 10.41 -30.63	123.98 9.99 -17.05	108.87 9.12 -8.61	111.03 8.07 -22.25	108.73 7.65 -26.10	112.65 7.30 -34.51	138.18 7.94 -58.72	162.74 10.03 -56.23	227.30 10.36 -120.09	223.56 10.19 -116.33	209.08 10.16 -102.18	204.51 10.36 -97.31	153.24 9.16 -58.50	140.85 10.05 -36.03	137.47 8.01 -49.39
LISF____SOLAR 323691	107.29 6.73 -29.72	100.80 6.34 -23.99	91.87 6.12 -15.42	93.64 6.35 -16.74	91.80 6.52 -14.35	97.92 7.48 -10.84	147.76 11.27 -30.10	178.44 13.68 -30.70	167.79 15.41 -5.57	139.33 10.51 -30.64	124.17 10.18 -17.05	109.06 9.30 -8.61	111.20 8.24 -22.25	108.80 7.72 -26.10	112.79 7.44 -34.51	138.33 8.08 -58.72	162.93 10.22 -56.24	227.88 10.65 -120.39	224.11 10.48 -116.59	209.55 10.45 -102.35	205.33 10.65 -97.84	153.42 9.33 -58.50	141.05 10.24 -36.03	137.64 8.17 -49.39

LITTLE FALLS___HYD 24013	74.59 3.75 0.00	74.06 3.59 0.00	73.99 3.66 0.00	74.36 3.81 0.00	74.97 4.04 0.00	84.84 5.25 0.00	113.94 7.55 0.00	143.72 9.65 0.00	157.81 11.01 0.00	105.64 7.46 0.00	103.83 6.88 0.00	97.26 6.11 0.00	85.63 4.92 0.00	79.10 4.12 0.00	74.60 3.75 0.00	75.53 4.01 0.00	102.45 5.98 0.00	103.52 6.68 0.00	103.83 6.79 0.00	103.23 6.48 0.00	103.04 6.20 0.00	91.15 5.56 0.00	100.94 6.16 0.00	85.52 5.44 0.00
LITTLRIV_115KV_TB1 356100	71.55 0.71 0.00	71.74 1.27 0.00	71.74 1.41 0.00	71.82 1.27 0.00	71.77 0.85 0.00	80.55 0.96 0.00	108.55 2.13 -0.04	137.64 3.08 -0.49	149.30 2.50 0.00	99.06 0.39 -0.49	98.09 0.87 -0.27	92.06 0.82 -0.09	82.11 1.05 -0.35	76.22 0.82 -0.42	72.32 0.92 -0.55	72.74 0.43 -0.79	98.04 0.68 -0.89	98.80 0.87 -1.09	99.15 0.78 -1.33	98.41 0.58 -1.09	98.49 0.68 -0.97	87.17 0.77 -0.81	96.76 1.61 -0.37	82.84 2.24 -0.52
LI_NEWBRDGE___DRP 323616	105.44 4.89 -29.72	98.97 4.51 -23.99	90.11 4.36 -15.42	91.80 4.51 -16.74	90.03 4.75 -14.35	95.77 5.33 -10.84	144.46 7.98 -30.10	174.76 10.05 -30.64	163.77 11.45 -5.52	137.06 8.25 -30.63	122.13 8.14 -17.05	107.23 7.47 -8.61	109.58 6.62 -22.25	107.30 6.22 -26.10	111.31 5.95 -34.51	136.39 6.15 -58.72	160.27 7.62 -56.18	206.11 8.13 -101.14	204.93 8.25 -99.64	195.68 8.03 -90.91	168.15 8.13 -63.18	151.13 7.10 -58.44	138.58 7.77 -36.03	135.47 6.01 -49.39
LOCKPORT_115KV_TB60_63_64 80432	66.37 -4.46 0.00	65.26 -5.21 0.00	65.06 -5.27 0.00	65.47 -5.08 0.00	66.17 -4.75 0.00	74.34 -5.25 0.00	96.25 -10.53 -0.39	120.07 -16.49 -2.50	128.69 -19.08 -0.97	93.54 -9.72 -5.08	90.17 -9.60 -2.82	82.40 -9.66 -0.91	75.68 -8.72 -3.69	71.65 -7.65 -4.32	68.77 -7.79 -5.72	72.05 -7.65 -8.18	90.60 -11.58 -5.71	97.08 -11.14 -11.38	100.04 -10.87 -13.87	93.33 -11.71 -8.29	92.71 -11.62 -7.49	84.30 -9.67 -8.38	88.45 -10.14 -3.81	78.48 -7.05 -5.45
LOCKPORT___CC1 323769	66.23 -4.60 0.00	65.05 -5.42 0.00	64.92 -5.41 0.00	65.33 -5.22 0.00	66.81 -4.12 0.00	74.10 -5.49 0.00	95.83 -10.96 -0.40	119.34 -17.16 -2.44	128.26 -19.52 -0.98	94.27 -9.03 -5.12	89.81 -9.98 -2.85	82.05 -10.03 -0.92	75.46 -8.96 -3.72	71.47 -7.87 -4.36	68.61 -8.01 -5.77	71.84 -7.94 -8.25	90.14 -12.06 -5.73	96.79 -11.53 -11.48	99.78 -11.26 -13.99	92.99 -12.10 -8.34	92.36 -12.01 -7.54	84.03 -10.01 -8.46	88.10 -10.52 -3.85	78.36 -7.21 -5.50
LOCKPORT___CC2 323770	66.23 -4.60 0.00	65.05 -5.42 0.00	64.92 -5.41 0.00	65.33 -5.22 0.00	66.81 -4.12 0.00	74.10 -5.49 0.00	95.83 -10.96 -0.40	119.34 -17.16 -2.44	128.26 -19.52 -0.98	94.27 -9.03 -5.12	89.81 -9.98 -2.85	82.05 -10.03 -0.92	75.46 -8.96 -3.72	71.47 -7.87 -4.36	68.61 -8.01 -5.77	71.84 -7.94 -8.25	90.14 -12.06 -5.73	96.79 -11.53 -11.48	99.78 -11.26 -13.99	92.99 -12.10 -8.34	92.36 -12.01 -7.54	84.03 -10.01 -8.46	88.10 -10.52 -3.85	78.36 -7.21 -5.50
LOCKPORT___CC3 323771	66.23 -4.60 0.00	65.05 -5.42 0.00	64.92 -5.41 0.00	65.33 -5.22 0.00	66.81 -4.12 0.00	74.10 -5.49 0.00	95.83 -10.96 -0.40	119.34 -17.16 -2.44	128.26 -19.52 -0.98	94.27 -9.03 -5.12	89.81 -9.98 -2.85	82.05 -10.03 -0.92	75.46 -8.96 -3.72	71.47 -7.87 -4.36	68.61 -8.01 -5.77	71.84 -7.94 -8.25	90.14 -12.06 -5.73	96.79 -11.53 -11.48	99.78 -11.26 -13.99	92.99 -12.10 -8.34	92.36 -12.01 -7.54	84.03 -10.01 -8.46	88.10 -10.52 -3.85	78.36 -7.21 -5.50
LONG_LAKE_PHOENIX 24014	68.85 -1.98 0.00	68.14 -2.33 0.00	68.01 -2.32 0.00	68.29 -2.26 0.00	68.87 -2.06 0.00	77.44 -2.15 0.00	103.53 -3.09 -0.23	132.77 -4.29 -3.00	141.81 -4.99 0.00	98.62 -2.55 -2.99	95.90 -2.71 -1.67	88.78 -2.92 -0.54	80.38 -2.50 -2.18	75.28 -2.25 -2.55	72.02 -2.20 -3.37	74.28 -2.07 -4.82	99.17 -2.80 -5.49	101.03 -2.52 -6.71	102.89 -2.33 -8.18	100.92 -2.52 -6.69	100.29 -2.52 -5.97	88.14 -2.40 -4.94	94.28 -2.75 -2.25	80.89 -2.40 -3.22
LOVETT___3 23632	74.73 3.05 -0.85	73.64 2.82 -0.35	73.37 2.67 -0.37	73.71 2.82 -0.34	75.28 2.98 -1.38	84.89 3.42 -1.88	113.86 5.21 -2.26	169.92 6.70 -29.16	159.94 7.93 -5.21	133.03 5.69 -29.15	118.79 5.62 -16.22	97.10 5.20 -0.75	106.48 4.60 -21.18	104.17 4.35 -24.84	107.80 4.11 -32.84	122.71 4.22 -46.96	155.33 5.40 -53.46	167.80 5.62 -65.34	182.43 5.73 -79.67	167.48 5.51 -65.22	160.59 5.62 -58.14	138.60 4.88 -48.13	121.90 5.21 -21.91	115.30 3.92 -31.30
LOVETT___4 23642	74.73 3.05 -0.85	73.64 2.82 -0.35	73.37 2.67 -0.37	73.71 2.82 -0.34	75.28 2.98 -1.38	84.89 3.42 -1.88	113.86 5.21 -2.26	169.92 6.70 -29.16	159.94 7.93 -5.21	133.03 5.69 -29.15	118.79 5.62 -16.22	97.10 5.20 -0.75	106.48 4.60 -21.18	104.17 4.35 -24.84	107.80 4.11 -32.84	122.71 4.22 -46.96	155.33 5.40 -53.46	167.80 5.62 -65.34	182.43 5.73 -79.67	167.48 5.51 -65.22	160.59 5.62 -58.14	138.60 4.88 -48.13	121.90 5.21 -21.91	115.30 3.92 -31.30
LOVETT___5 23593	74.73 3.05 -0.85	73.64 2.82 -0.35	73.37 2.67 -0.37	73.71 2.82 -0.34	75.28 2.98 -1.38	84.89 3.42 -1.88	113.86 5.21 -2.26	169.92 6.70 -29.16	159.94 7.93 -5.21	133.03 5.69 -29.15	118.79 5.62 -16.22	97.10 5.20 -0.75	106.48 4.60 -21.18	104.17 4.35 -24.84	107.80 4.11 -32.84	122.71 4.22 -46.96	155.33 5.40 -53.46	167.80 5.62 -65.34	182.43 5.73 -79.67	167.48 5.51 -65.22	160.59 5.62 -58.14	138.60 4.88 -48.13	121.90 5.21 -21.91	115.30 3.92 -31.30
LOWER RAQUET___HYD 24057	70.84 0.00 0.00	70.90 0.43 0.00	70.89 0.56 0.00	70.90 0.35 0.00	70.71 -0.21 0.00	79.67 0.08 0.00	107.60 1.17 -0.04	136.12 1.48 -0.58	147.69 0.89 0.00	97.00 -1.76 -0.58	97.36 0.10 -0.32	91.44 0.18 -0.10	81.61 0.49 -0.42	75.77 0.30 -0.49	71.93 0.43 -0.65	72.24 -0.21 -0.93	97.24 -0.29 -1.06	97.94 -0.19 -1.29	98.33 -0.29 -1.58	97.55 -0.48 -1.29	97.61 -0.39 -1.15	86.46 -0.09 -0.95	96.07 0.85 -0.43	82.29 1.60 -0.62
LOWER___HUDSON 24059	82.74 4.11 -7.79	77.61 3.94 -3.19	77.61 3.87 -3.41	77.60 3.95 -3.11	87.70 4.11 -12.67	101.41 4.61 -17.21	115.47 6.17 -2.91	179.16 7.50 -37.60	176.25 8.81 -20.64	141.86 6.09 -37.59	123.78 5.91 -20.92	103.98 5.47 -7.36	112.77 4.76 -27.31	111.43 4.42 -32.03	117.30 4.11 -42.35	136.31 4.22 -60.56	171.10 5.69 -68.94	187.01 5.91 -84.26	205.69 5.92 -102.73	187.01 5.80 -84.46	177.42 5.61 -74.97	152.71 5.05 -62.07	128.62 5.59 -28.25	125.16 4.72 -40.36
LOWVILLE_115KV_TB2 356335	73.03 2.20 0.00	72.51 2.04 0.00	72.44 2.11 0.00	72.66 2.12 0.00	73.12 2.20 0.00	82.62 3.02 0.00	111.16 4.68 -0.10	141.36 6.03 -1.26	153.12 6.31 0.00	103.27 3.83 -1.26	101.14 3.49 -0.70	94.30 2.92 -0.23	84.12 2.50 -0.92	78.23 2.17 -1.08	74.40 2.13 -1.42	75.85 2.29 -2.04	102.36 3.57 -2.32	103.84 4.16 -2.83	104.76 4.27 -3.45	103.43 3.87 -2.82	103.43 4.07 -2.52	91.01 3.34 -2.09	99.43 3.70 -0.95	84.79 3.36 -1.36
LUTHERFT_115KV_GLOB_FND_222 355753	85.28 5.03 -9.42	79.19 4.86 -3.86	79.31 4.85 -4.13	79.24 4.94 -3.75	91.26 5.04 -15.31	106.04 5.65 -20.80	116.37 7.02 -2.97	180.77 8.45 -38.26	180.34 9.84 -23.70	142.92 6.48 -38.25	124.53 6.30 -21.29	104.31 5.74 -7.42	113.50 5.00 -27.79	112.22 4.65 -32.59	118.26 4.32 -43.09	137.51 4.36 -61.62	172.70 6.08 -70.15	188.97 6.39 -85.74	207.98 6.40 -104.53	189.14 6.39 -86.01	179.32 6.20 -76.28	154.23 5.48 -63.16	129.59 6.07 -28.74	126.67 5.52 -41.07

LUTHERNY_35_KV_BK2 355980	85.35 5.10 -9.42	79.26 4.93 -3.86	79.38 4.92 -4.13	79.31 5.01 -3.75	91.34 5.11 -15.31	106.12 5.73 -20.80	116.48 7.13 -2.97	180.90 8.58 -38.26	180.34 9.84 -23.70	143.01 6.58 -38.25	124.63 6.40 -21.29	104.31 5.74 -7.42	113.58 5.08 -27.79	112.22 4.65 -32.59	118.26 4.32 -43.09	137.59 4.43 -61.62	172.79 6.17 -70.15	189.07 6.49 -85.74	208.08 6.50 -104.53	189.24 6.48 -86.01	179.42 6.29 -76.28	154.23 5.48 -63.16	129.68 6.16 -28.74	126.75 5.61 -41.07
LWR___OSWEGATCHIE_HYD 23850	71.55 0.71 0.00	71.32 0.85 0.00	71.31 0.98 0.00	71.46 0.92 0.00	71.70 0.78 0.00	80.71 1.11 0.00	108.91 2.45 -0.07	138.09 3.08 -0.95	149.59 2.79 0.00	100.31 1.18 -0.95	98.73 1.26 -0.53	92.33 1.00 -0.17	82.44 1.05 -0.69	76.61 0.82 -0.81	72.83 0.92 -1.07	73.70 0.64 -1.52	99.36 1.16 -1.74	100.51 1.55 -2.12	101.28 1.65 -2.59	100.12 1.26 -2.11	100.08 1.36 -1.89	88.44 1.28 -1.56	97.39 1.90 -0.71	83.25 2.16 -1.02
LYONS_FALL_HYD 23570	73.04 2.20 0.00	72.51 2.04 0.00	72.44 2.11 0.00	72.74 2.19 0.00	73.19 2.27 0.00	82.62 3.02 0.00	110.94 4.47 -0.09	141.01 5.76 -1.18	152.97 6.16 0.00	103.30 3.93 -1.18	101.19 3.59 -0.66	94.37 3.00 -0.21	84.22 2.66 -0.86	78.31 2.33 -1.01	74.38 2.20 -1.33	75.79 2.36 -1.90	102.21 3.57 -2.17	103.46 3.97 -2.65	104.44 4.17 -3.23	103.15 3.77 -2.64	103.17 3.97 -2.36	90.79 3.25 -1.95	99.27 3.60 -0.89	84.55 3.21 -1.27
MADISON___COUNTY_LFGE 323628	73.03 2.20 0.00	72.51 2.04 0.00	72.37 2.04 0.00	72.66 2.12 0.00	73.19 2.27 0.00	82.62 3.02 0.00	110.69 4.15 -0.16	141.33 5.23 -2.04	152.53 5.73 0.00	104.15 3.93 -2.04	101.57 3.49 -1.13	94.35 2.83 -0.37	84.69 2.50 -1.48	78.96 2.25 -1.74	75.20 2.05 -2.30	77.17 2.36 -3.28	103.49 3.28 -3.74	104.99 3.58 -4.57	106.39 3.78 -5.57	104.68 3.39 -4.55	104.39 3.49 -4.06	91.86 2.91 -3.36	99.34 3.03 -1.53	84.90 2.64 -2.19
MALONE___115KV_TB1 356076	71.19 0.35 0.00	71.32 0.85 0.00	71.17 0.84 0.00	71.32 0.78 0.00	71.35 0.43 0.00	80.23 0.64 0.00	115.54 9.15 0.00	145.73 11.66 0.00	158.40 11.60 0.00	104.96 6.77 0.00	103.83 6.88 0.00	96.90 5.74 0.00	86.92 6.21 0.00	80.68 5.70 0.00	76.59 5.74 0.00	76.75 5.22 0.00	103.32 6.85 0.00	104.78 7.94 0.00	105.19 8.15 0.00	103.13 6.39 0.00	103.62 6.78 0.00	91.50 5.91 0.00	102.17 7.39 0.00	88.16 8.09 0.00
MAPLEWOD_115KV_TB3 80458	80.77 3.68 -6.25	76.48 3.45 -2.56	76.45 3.38 -2.74	76.50 3.46 -2.49	84.70 3.62 -10.16	97.46 4.06 -13.81	114.81 5.53 -2.90	177.87 6.44 -37.37	171.93 7.63 -17.49	140.95 5.40 -37.37	123.07 5.33 -20.79	103.46 5.01 -7.30	112.21 4.36 -27.14	110.86 4.05 -31.84	116.69 3.75 -42.09	135.44 3.72 -60.19	170.01 5.02 -68.52	185.72 5.13 -83.75	204.29 5.14 -102.11	185.65 5.03 -83.87	176.29 4.94 -74.51	151.65 4.37 -61.69	127.88 5.02 -28.08	124.19 4.00 -40.12
MAPLE_RIDGE_WT_1 323574	69.91 -0.92 0.00	69.83 -0.64 0.00	69.91 -0.42 0.00	70.13 -0.42 0.00	70.35 -0.57 0.00	79.04 -0.55 0.00	105.65 -0.74 0.00	133.53 -0.53 0.00	146.07 -0.73 0.00	97.20 -0.98 0.00	96.17 -0.78 0.00	90.42 -0.73 0.00	79.98 -0.73 0.00	74.08 -0.90 0.00	70.00 -0.85 0.00	70.67 -0.86 0.00	95.60 -0.87 0.00	95.97 -0.87 0.00	96.07 -0.97 0.00	95.78 -0.97 0.00	95.78 -1.06 0.00	84.57 -1.02 0.00	93.65 -1.13 0.00	79.19 -0.88 0.00
MAPLE_RIDGE_WT_2 323611	69.91 -0.92 0.00	69.83 -0.64 0.00	69.91 -0.42 0.00	70.13 -0.42 0.00	70.35 -0.57 0.00	79.04 -0.55 0.00	105.65 -0.74 0.00	133.53 -0.53 0.00	146.07 -0.73 0.00	97.20 -0.98 0.00	96.17 -0.78 0.00	90.42 -0.73 0.00	79.98 -0.73 0.00	74.08 -0.90 0.00	70.00 -0.85 0.00	70.67 -0.86 0.00	95.60 -0.87 0.00	95.97 -0.87 0.00	96.07 -0.97 0.00	95.78 -0.97 0.00	95.78 -1.06 0.00	84.57 -1.02 0.00	93.65 -1.13 0.00	79.19 -0.88 0.00
MARBLE_RIVER_WT_PWR 323696	69.78 -1.06 0.00	69.83 -0.64 0.00	69.70 -0.63 0.00	69.84 -0.71 0.00	69.72 -1.21 0.00	78.48 -1.11 0.00	104.26 -2.13 0.00	132.32 -1.75 0.00	144.61 -2.20 0.00	95.83 -2.36 0.00	95.39 -1.55 0.00	90.06 -1.09 0.00	79.74 -0.96 0.00	73.77 -1.20 0.00	69.50 -1.35 0.00	70.17 -1.36 0.00	95.12 -1.35 0.00	95.68 -1.16 0.00	95.78 -1.26 0.00	95.48 -1.26 0.00	95.39 -1.45 0.00	84.22 -1.37 0.00	92.98 -1.80 0.00	79.27 -0.80 0.00
MARSHVLE_115KV_TB1 80742	84.76 5.10 -8.83	79.02 4.93 -3.62	79.12 4.92 -3.87	79.07 5.01 -3.52	90.45 5.18 -14.35	105.13 6.05 -19.49	118.22 8.51 -3.32	187.40 10.46 -42.88	180.46 11.74 -21.91	147.74 6.68 -42.88	126.33 5.53 -23.86	103.86 4.65 -8.06	116.69 4.84 -31.15	116.01 4.50 -36.53	123.33 4.18 -48.30	145.11 4.51 -69.07	182.24 7.14 -78.63	200.89 7.94 -96.11	222.17 7.96 -117.17	200.87 7.84 -96.29	189.99 7.65 -85.50	162.72 6.33 -70.79	133.92 6.92 -32.22	131.71 5.61 -46.04
MARSH_HILL_WT_PWR 323713	69.53 -1.56 -0.25	68.60 -1.97 -0.10	68.61 -1.83 -0.11	69.16 -1.48 -0.10	70.76 -0.57 -0.41	79.43 -0.72 -0.56	102.97 -3.93 -0.52	127.12 -6.30 0.65	141.53 -6.60 -1.32	101.97 -2.94 -6.73	96.43 -4.26 -3.75	87.53 -4.83 -1.21	81.24 -4.36 -4.89	76.89 -3.82 -5.74	74.40 -4.04 -7.59	78.65 -3.72 -10.85	93.73 -4.82 -2.08	107.87 -4.06 -15.09	112.04 -3.40 -18.40	99.01 -4.06 -6.33	98.79 -3.97 -5.92	93.03 -3.68 -11.12	95.95 -3.89 -5.06	84.66 -2.64 -7.23
MCINTYRE_115KV_TB2 80467	71.90 1.06 0.00	72.09 1.62 0.00	72.16 1.83 0.00	72.17 1.62 0.00	72.13 1.21 0.00	80.94 1.35 0.00	108.73 2.34 0.00	137.68 3.62 0.00	149.89 3.08 0.00	98.87 0.69 0.00	97.82 0.87 0.00	92.06 0.91 0.00	81.75 1.05 0.00	75.80 0.82 0.00	71.84 0.99 0.00	72.17 0.64 0.00	97.73 1.25 0.00	98.20 1.36 0.00	98.20 1.16 0.00	97.81 1.06 0.00	98.00 1.16 0.00	86.70 1.11 0.00	96.49 1.71 0.00	82.39 2.32 0.00
MECO_____69_KV_BK1 80468	86.97 6.66 -9.47	80.83 6.48 -3.88	80.95 6.47 -4.15	80.88 6.56 -3.78	92.99 6.67 -15.40	108.23 7.72 -20.92	120.22 10.64 -3.20	188.22 12.87 -41.29	184.58 14.39 -23.39	148.10 8.64 -41.28	127.77 7.85 -22.97	105.82 6.84 -7.83	117.15 6.46 -29.99	116.15 6.00 -35.17	122.95 5.60 -46.50	143.97 5.94 -66.50	181.24 9.07 -75.70	199.25 9.88 -92.53	219.65 9.80 -112.81	199.28 9.77 -92.77	188.65 9.49 -82.32	161.80 8.05 -68.16	134.61 8.81 -31.02	131.68 7.29 -44.33
MENANDS___115KV_TB5 355628	80.21 3.40 -5.98	76.16 3.24 -2.45	76.11 3.16 -2.62	76.17 3.25 -2.38	83.97 3.33 -9.71	96.53 3.74 -13.20	114.38 5.11 -2.89	176.99 5.63 -37.29	170.48 6.90 -16.78	140.28 4.81 -37.29	122.54 4.85 -20.75	103.09 4.65 -7.29	111.75 3.95 -27.09	110.50 3.75 -31.77	116.25 3.40 -42.00	134.96 3.36 -60.07	169.38 4.53 -68.38	184.97 4.55 -83.58	203.49 4.56 -101.89	184.87 4.45 -83.68	175.55 4.36 -74.36	151.09 3.94 -61.56	127.35 4.55 -28.02	123.71 3.60 -40.04
MG INDUSTRY___DRP 24185	79.71 5.03 -3.84	76.98 4.93 -1.57	76.87 4.85 -1.68	77.02 4.94 -1.53	82.21 5.04 -6.25	93.65 5.57 -8.49	116.31 7.13 -2.80	177.42 7.24 -36.11	165.65 7.93 -10.92	139.30 5.01 -36.11	121.88 4.85 -20.09	102.72 4.65 -6.92	110.89 3.95 -26.23	109.57 3.82 -30.77	114.99 3.47 -40.68	133.28 3.58 -58.17	168.09 5.40 -66.22	183.30 5.52 -80.94	201.35 5.63 -98.68	183.26 5.61 -80.90	174.37 5.52 -72.01	150.00 4.79 -59.62	127.69 5.78 -27.13	123.81 4.96 -38.77

MID___OSWEGATCHIE_HYD 23849	71.55 0.71 0.00	71.32 0.85 0.00	71.31 0.98 0.00	71.46 0.92 0.00	71.70 0.78 0.00	80.71 1.11 0.00	108.91 2.45 -0.07	138.09 3.08 -0.95	149.59 2.79 0.00	100.31 1.18 -0.95	98.73 1.26 -0.53	92.33 1.00 -0.17	82.44 1.05 -0.69	76.61 0.82 -0.81	72.83 0.92 -1.07	73.70 0.64 -1.52	99.36 1.16 -1.74	100.51 1.55 -2.12	101.28 1.65 -2.59	100.12 1.26 -2.11	100.08 1.36 -1.89	88.44 1.28 -1.56	97.39 1.90 -0.71	83.25 2.16 -1.02
MID___RAQUETTE_HYD 23851	70.84 0.00 0.00	70.96 0.49 0.00	70.89 0.56 0.00	70.97 0.42 0.00	70.99 0.07 0.00	79.67 0.08 0.00	107.60 1.17 -0.04	136.05 1.47 -0.52	147.69 0.88 0.00	98.11 -0.59 -0.52	97.33 0.10 -0.29	91.43 0.18 -0.09	81.56 0.48 -0.37	75.72 0.30 -0.44	71.85 0.43 -0.58	72.14 -0.21 -0.83	97.13 -0.29 -0.94	97.80 -0.19 -1.15	98.16 -0.29 -1.41	97.31 -0.58 -1.15	97.48 -0.39 -1.03	86.36 -0.09 -0.85	96.02 0.85 -0.39	82.23 1.60 -0.55
MILLIKEN___1 23584	72.02 0.92 -0.27	71.14 0.56 -0.11	71.01 0.56 -0.12	71.29 0.63 -0.11	72.28 0.92 -0.43	81.53 1.35 -0.59	108.28 1.38 -0.51	151.40 1.47 -15.86	149.62 1.47 -1.35	106.31 1.57 -6.55	101.66 1.07 -3.65	92.79 0.46 -1.18	85.79 0.32 -4.76	80.94 0.37 -5.58	78.51 0.28 -7.38	82.73 0.64 -10.56	122.59 1.16 -24.96	112.98 1.45 -14.69	116.89 1.94 -17.91	123.98 1.55 -25.69	120.92 1.55 -22.53	97.44 1.03 -10.82	100.65 0.95 -4.92	87.83 0.72 -7.04
MILLIKEN___2 23585	72.02 0.92 -0.27	71.14 0.56 -0.11	71.01 0.56 -0.12	71.29 0.63 -0.11	72.28 0.92 -0.43	81.53 1.35 -0.59	108.28 1.38 -0.51	151.40 1.47 -15.86	149.62 1.47 -1.35	106.31 1.57 -6.55	101.66 1.07 -3.65	92.79 0.46 -1.18	85.79 0.32 -4.76	80.94 0.37 -5.58	78.51 0.28 -7.38	82.73 0.64 -10.56	122.59 1.16 -24.96	112.98 1.45 -14.69	116.89 1.94 -17.91	123.98 1.55 -25.69	120.92 1.55 -22.53	97.44 1.03 -10.82	100.65 0.95 -4.92	87.83 0.72 -7.04
MILLIKEN___DIESEL 23629	72.02 0.92 -0.27	71.14 0.56 -0.11	71.01 0.56 -0.12	71.29 0.63 -0.11	72.28 0.92 -0.43	81.53 1.35 -0.59	108.28 1.38 -0.51	151.40 1.47 -15.86	149.62 1.47 -1.35	106.31 1.57 -6.55	101.66 1.07 -3.65	92.79 0.46 -1.18	85.79 0.32 -4.76	80.94 0.37 -5.58	78.51 0.28 -7.38	82.73 0.64 -10.56	122.59 1.16 -24.96	112.98 1.45 -14.69	116.89 1.94 -17.91	123.98 1.55 -25.69	120.92 1.55 -22.53	97.44 1.03 -10.82	100.65 0.95 -4.92	87.83 0.72 -7.04
MILLSEAT___LFGE 323607	67.86 -2.97 0.00	66.80 -3.67 0.00	66.46 -3.87 0.00	66.95 -3.60 0.00	68.44 -2.48 0.00	76.33 -3.27 0.00	99.43 -7.34 -0.38	124.52 -12.07 -2.52	133.51 -14.24 -0.95	97.25 -5.89 -4.96	92.72 -6.98 -2.76	84.75 -7.30 -0.89	77.77 -6.53 -3.60	73.50 -5.70 -4.22	70.55 -5.88 -5.59	73.79 -5.72 -7.99	93.58 -8.59 -5.69	100.11 -7.84 -11.11	103.02 -7.57 -13.55	96.43 -8.51 -8.20	95.91 -8.33 -7.40	86.67 -7.10 -8.19	91.21 -7.30 -3.73	80.67 -4.72 -5.32
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	75.50 3.75 -0.91	74.23 3.38 -0.37	73.96 3.24 -0.40	74.30 3.39 -0.36	76.02 3.62 -1.48	85.66 4.06 -2.01	114.91 6.17 -2.35	172.17 7.78 -30.33	161.65 9.40 -5.45	135.18 6.68 -30.32	120.41 6.59 -16.87	105.93 6.11 -8.67	108.14 5.41 -22.03	105.84 5.02 -25.84	109.82 4.82 -34.16	125.24 4.86 -48.85	158.35 6.27 -55.61	171.30 6.49 -67.97	186.51 6.60 -82.87	170.97 6.39 -67.84	163.80 6.49 -60.47	141.31 5.65 -50.07	123.73 6.16 -22.79	117.28 4.64 -32.56
MILLWOOD_13_KV_LOAD 356217	75.64 3.90 -0.91	74.37 3.52 -0.37	74.10 3.38 -0.40	74.44 3.53 -0.36	76.16 3.76 -1.48	85.82 4.22 -2.01	115.12 6.38 -2.35	172.57 8.18 -30.33	161.95 9.69 -5.45	135.38 6.87 -30.32	120.60 6.79 -16.87	106.12 6.29 -8.67	108.38 5.65 -22.03	106.06 5.25 -25.84	109.96 4.96 -34.16	125.46 5.08 -48.85	158.64 6.56 -55.61	171.59 6.78 -67.97	186.80 6.89 -82.87	171.36 6.77 -67.84	164.09 6.78 -60.47	141.56 5.91 -50.07	123.92 6.35 -22.79	117.44 4.80 -32.56
MODEL_CITY_ENERGY 24167	65.74 -5.10 0.00	64.55 -5.92 0.00	64.42 -5.91 0.00	64.90 -5.65 0.00	66.31 -4.61 0.00	73.70 -5.89 0.00	95.41 -11.38 -0.40	119.01 -17.56 -2.50	127.53 -20.26 -0.99	93.93 -9.43 -5.17	89.45 -10.37 -2.88	81.69 -10.39 -0.93	75.18 -9.28 -3.76	71.21 -8.17 -4.41	68.38 -8.29 -5.82	71.56 -8.30 -8.33	89.79 -12.44 -5.76	96.42 -12.01 -11.59	99.43 -11.75 -14.13	92.57 -12.57 -8.40	91.94 -12.49 -7.59	83.68 -10.45 -8.54	87.77 -10.90 -3.89	78.02 -7.61 -5.55
MODERN_LFGE___ 323580	65.74 -5.10 0.00	64.55 -5.92 0.00	64.42 -5.91 0.00	64.90 -5.65 0.00	66.31 -4.61 0.00	73.70 -5.89 0.00	95.41 -11.38 -0.40	119.01 -17.56 -2.50	127.53 -20.26 -0.99	93.93 -9.43 -5.17	89.45 -10.37 -2.88	81.69 -10.39 -0.93	75.18 -9.28 -3.76	71.21 -8.17 -4.41	68.38 -8.29 -5.82	71.56 -8.30 -8.33	89.79 -12.44 -5.76	96.42 -12.01 -11.59	99.43 -11.75 -14.13	92.57 -12.57 -8.40	91.94 -12.49 -7.59	83.68 -10.45 -8.54	87.77 -10.90 -3.89	78.02 -7.61 -5.55
MOHAWK_PAPER___DRP 24187	80.77 3.68 -6.25	76.48 3.45 -2.56	76.45 3.38 -2.74	76.50 3.46 -2.49	84.70 3.62 -10.16	97.46 4.06 -13.81	114.81 5.53 -2.90	177.87 6.44 -37.37	171.93 7.63 -17.49	140.95 5.40 -37.37	123.07 5.33 -20.79	103.46 5.01 -7.30	112.21 4.36 -27.14	110.86 4.05 -31.84	116.69 3.75 -42.09	135.44 3.72 -60.19	170.01 5.02 -68.52	185.72 5.13 -83.75	204.29 5.14 -102.11	185.65 5.03 -83.87	176.29 4.94 -74.51	151.65 4.37 -61.69	127.88 5.02 -28.08	124.19 4.00 -40.12
MOHICAN___35_KV_115KV_LD 80490	86.50 6.16 -9.50	80.35 5.99 -3.89	80.47 5.98 -4.16	80.40 6.07 -3.79	92.53 6.17 -15.44	107.57 7.00 -20.97	116.80 7.45 -2.97	181.34 8.98 -38.29	181.08 10.42 -23.85	143.35 6.87 -38.29	124.94 6.69 -21.31	104.41 5.83 -7.42	113.60 5.08 -27.82	112.18 4.57 -32.63	118.23 4.25 -43.13	137.50 4.29 -61.68	172.86 6.17 -70.22	189.25 6.59 -85.82	208.27 6.60 -104.63	189.52 6.68 -86.10	179.49 6.29 -76.36	154.37 5.56 -63.22	129.90 6.35 -28.77	127.91 6.73 -41.11
MONGAUP___HYD 23641	75.09 3.47 -0.78	74.17 3.38 -0.32	73.91 3.24 -0.34	74.24 3.39 -0.31	75.80 3.62 -1.27	85.53 4.22 -1.72	114.77 6.28 -2.11	168.27 6.97 -27.24	159.27 7.63 -4.84	130.62 5.20 -27.24	116.94 4.85 -15.15	97.20 4.38 -1.67	104.36 3.87 -19.78	101.93 3.75 -23.21	105.14 3.61 -30.68	119.26 3.86 -43.88	151.81 5.40 -49.94	163.60 5.71 -61.05	177.49 6.02 -74.43	163.58 5.90 -60.93	157.06 5.91 -54.31	135.52 4.96 -44.97	120.74 5.50 -20.46	113.48 4.16 -29.24
MONTAUK___DIESEL 23721	107.64 7.08 -29.72	101.23 6.77 -23.99	92.50 6.75 -15.42	94.34 7.05 -16.74	92.51 7.23 -14.35	98.87 8.44 -10.84	149.04 12.55 -30.10	180.04 15.28 -30.70	168.97 16.59 -5.57	139.81 11.00 -30.63	123.69 9.69 -17.05	108.87 9.12 -8.61	111.19 8.23 -22.25	108.73 7.65 -26.10	112.51 7.16 -34.51	138.11 7.87 -58.72	162.84 10.13 -56.23	226.45 9.39 -120.22	222.02 8.54 -116.44	208.86 9.87 -102.25	204.44 10.07 -97.53	152.99 8.90 -58.50	140.48 9.67 -36.03	138.11 8.65 -49.39
MOONROAD_115KV_HARTFLD_TB1-2 355988	69.63 -1.20 0.00	68.50 -1.97 0.00	68.43 -1.90 0.00	68.92 -1.62 0.00	69.86 -1.06 0.00	78.80 -0.80 0.00	100.88 -5.96 -0.45	126.34 -10.05 -2.33	138.53 -9.40 -1.12	99.25 -4.71 -5.78	95.02 -5.14 -3.22	86.45 -5.74 -1.04	79.41 -5.49 -4.20	75.10 -4.80 -4.92	72.11 -5.24 -6.51	75.69 -5.15 -9.31	94.45 -7.81 -5.80	102.82 -6.97 -12.95	106.23 -6.60 -15.79	98.14 -7.45 -8.84	97.49 -7.36 -8.01	88.97 -6.16 -9.54	92.49 -6.63 -4.34	82.11 -4.16 -6.20

MORRIS_RIDGE___SOLAR 323848	68.74 -2.34 -0.24	67.61 -2.96 -0.10	67.55 -2.89 -0.11	68.03 -2.61 -0.10	69.54 -1.77 -0.39	77.81 -2.31 -0.53	100.51 -6.38 -0.51	125.83 -9.92 -1.68	137.51 -10.57 -1.28	99.32 -5.40 -6.53	94.09 -6.49 -3.64	85.40 -6.93 -1.18	79.31 -6.14 -4.75	75.07 -5.47 -5.57	72.54 -5.67 -7.36	76.55 -5.51 -10.53	94.18 -7.52 -5.23	104.81 -6.68 -14.65	108.59 -6.31 -17.86	98.75 -6.87 -8.87	98.15 -6.78 -8.09	90.47 -5.90 -10.79	93.53 -6.16 -4.91	82.76 -4.33 -7.02
MORTIMER_115KV_TB3 55949	68.36 -2.48 0.00	67.51 -2.96 0.00	67.17 -3.16 0.00	67.58 -2.96 0.00	68.37 -2.55 0.00	77.04 -2.55 0.00	102.25 -4.47 -0.34	128.86 -7.78 -2.57	137.79 -9.84 -0.82	98.49 -4.03 -4.33	95.38 -3.97 -2.41	87.47 -4.47 -0.78	79.98 -3.87 -3.15	75.29 -3.37 -3.69	72.25 -3.47 -4.88	75.21 -3.29 -6.98	96.95 -5.02 -5.49	102.00 -4.55 -9.71	104.61 -4.27 -11.83	99.41 -4.93 -7.60	98.84 -4.84 -6.84	88.55 -4.19 -7.15	93.67 -4.36 -3.25	81.76 -2.96 -4.65
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	75.86 4.11 -0.91	74.58 3.73 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	162.90 10.57 -5.52	136.50 7.66 -30.66	121.57 7.56 -17.06	106.76 7.02 -8.59	109.19 6.21 -22.27	106.87 5.77 -26.12	110.91 5.53 -34.53	126.49 5.58 -49.39	159.73 7.04 -56.22	172.82 7.26 -68.72	188.19 7.38 -83.78	172.49 7.16 -68.59	165.24 7.26 -61.13	142.63 6.42 -50.62	124.74 6.92 -23.04	118.19 5.20 -32.92
MUNSVILLE_WIND_PWR 323609	77.18 5.74 -0.61	76.01 5.29 -0.25	76.15 5.55 -0.27	76.64 5.85 -0.24	78.16 6.24 -0.99	88.82 7.88 -1.35	117.78 10.64 -0.75	162.11 13.68 -14.36	164.05 14.68 -2.57	117.91 10.02 -9.70	110.77 8.43 -5.40	99.92 7.02 -1.75	93.73 5.97 -7.05	88.41 5.17 -8.27	86.66 4.88 -10.93	92.74 5.58 -15.63	129.33 8.58 -24.28	128.18 9.59 -21.75	133.65 10.09 -26.52	133.28 9.29 -27.25	130.42 9.50 -24.09	109.32 7.71 -16.02	110.31 8.24 -7.29	97.61 7.12 -10.42
N SALMON___HYD 24042	71.19 0.36 0.00	71.25 0.78 0.00	71.10 0.78 0.00	71.25 0.71 0.00	71.06 0.14 0.00	80.23 0.63 0.00	115.58 9.15 -0.04	146.30 11.66 -0.58	158.40 11.59 0.00	104.35 5.59 -0.58	104.15 6.88 -0.32	97.00 5.75 -0.10	87.34 6.21 -0.42	81.16 5.70 -0.49	77.23 5.74 -0.65	77.68 5.22 -0.93	104.38 6.85 -1.06	106.08 7.94 -1.29	106.77 8.15 -1.58	104.42 6.38 -1.29	104.77 6.78 -1.15	92.44 5.90 -0.95	102.61 7.40 -0.43	88.78 8.08 -0.62
N.AKRON__115KV_KNAPP 355671	67.72 -3.12 0.00	66.59 -3.88 0.00	66.39 -3.94 0.00	66.81 -3.74 0.00	67.59 -3.33 0.00	76.09 -3.50 0.00	99.11 -7.66 -0.39	124.11 -12.47 -2.51	132.93 -14.83 -0.95	95.99 -7.17 -4.98	92.54 -7.17 -2.77	84.48 -7.57 -0.89	77.62 -6.70 -3.61	73.37 -5.85 -4.24	70.36 -6.09 -5.60	73.68 -5.87 -8.02	93.37 -8.78 -5.68	99.76 -8.23 -11.15	102.68 -7.96 -13.60	96.04 -8.90 -8.20	95.53 -8.72 -7.40	86.44 -7.36 -8.22	90.94 7.40 -3.74	80.37 -5.04 -5.34
N.BELMOR_69_KV_BK1 55787	105.87 5.31 -29.72	99.39 4.93 -23.99	90.53 4.78 -15.42	92.23 4.94 -16.74	90.45 5.18 -14.35	96.25 5.81 -10.84	144.89 8.40 -30.10	175.43 10.73 -30.64	164.51 12.18 -5.52	137.36 8.54 -30.63	122.33 8.34 -17.05	107.60 7.84 -8.61	109.82 6.86 -22.25	107.60 6.52 -26.10	111.59 6.23 -34.51	136.68 6.44 -58.72	160.75 8.10 -56.18	206.50 8.52 -101.14	205.41 8.73 -99.64	196.07 8.42 -90.91	168.54 8.52 -63.18	151.65 7.62 -58.44	138.96 8.15 -36.03	135.71 6.25 -49.39
N.E_GEN_SANDY PD 24062	143.38 4.04 -68.51	143.16 3.80 -68.89	138.83 3.72 -64.78	136.30 3.88 -61.88	142.48 4.04 -67.52	156.20 4.53 -72.07	176.30 6.38 -63.53	196.40 7.77 -54.56	171.58 9.25 -15.52	151.68 6.58 -46.92	145.37 6.50 -41.93	137.47 5.92 -40.40	133.02 5.24 -47.07	133.49 4.87 -53.64	141.71 4.60 -66.26	151.18 4.72 -74.93	166.69 6.08 -64.14	190.80 6.20 -87.76	197.33 6.30 -93.99	180.33 6.20 -77.39	171.53 6.10 -68.59	156.13 5.48 -65.06	148.53 6.07 -47.68	148.47 4.80 -63.59
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	74.87 3.19 -0.85	73.71 2.89 -0.35	73.44 2.74 -0.37	73.78 2.89 -0.34	75.42 3.12 -1.38	84.96 3.50 -1.87	114.07 5.43 -2.25	169.99 6.84 -29.08	160.22 8.22 -5.20	133.15 5.89 -29.08	118.94 5.82 -16.18	97.24 5.29 -0.80	106.51 4.68 -21.13	104.18 4.42 -24.78	107.78 4.18 -32.76	122.67 4.29 -46.85	155.30 5.50 -53.33	167.74 5.71 -65.18	182.33 5.82 -79.47	167.51 5.71 -65.06	160.55 5.71 -57.99	138.57 4.96 -48.02	122.03 5.40 -21.85	115.30 4.00 -31.22
N.QUEENS_27_KV_LOAD 356247	76.43 4.68 -0.91	75.00 4.16 -0.37	74.60 3.87 -0.40	74.93 4.02 -0.36	76.66 4.26 -1.48	85.75 4.14 -2.02	115.36 6.60 -2.38	173.44 8.71 -30.66	163.33 11.01 -5.52	136.79 7.95 -30.65	122.24 8.24 -17.06	107.49 7.75 -8.59	109.83 6.86 -22.27	107.47 6.37 -26.12	111.40 6.02 -34.53	126.92 6.01 -49.38	159.92 7.24 -56.21	172.81 7.26 -68.71	188.28 7.47 -83.77	172.58 7.26 -68.58	165.62 7.65 -61.13	143.23 7.02 -50.62	125.59 7.77 -23.03	118.91 5.93 -32.91
N.TROY___115KV_TB1 355778	82.74 4.11 -7.79	77.61 3.95 -3.19	77.61 3.87 -3.41	77.60 3.95 -3.11	87.63 4.04 -12.67	101.42 4.62 -17.21	115.47 6.17 -2.91	179.17 7.51 -37.60	176.25 8.81 -20.64	141.76 5.99 -37.59	123.78 5.91 -20.92	103.98 5.47 -7.36	112.77 4.76 -27.31	111.43 4.42 -32.03	117.30 4.11 -42.34	136.31 4.22 -60.56	171.10 5.69 -68.93	187.01 5.91 -84.26	205.68 5.92 -102.73	187.01 5.80 -84.46	177.42 5.62 -74.96	152.71 5.05 -62.07	128.62 5.59 -28.25	125.16 4.72 -40.36
NARROWS_GT1_1 24228	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT1_2 24229	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT1_3 24230	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT1_4 24231	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31

NARROWS_GT1_5 24232	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT1_6 24233	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT1_7 24234	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT1_8 24235	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT2_1 24236	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT2_2 24237	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT2_3 24238	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT2_4 24239	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT2_5 24240	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT2_6 24241	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT2_7 24242	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NARROWS_GT2_8 24243	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	78.84 4.53 -3.47	76.40 4.51 -1.42	76.28 4.43 -1.52	76.44 4.51 -1.38	81.24 4.68 -5.64	92.59 5.33 -7.66	116.14 7.02 -2.73	175.84 6.57 -35.20	164.04 7.05 -10.19	137.70 4.32 -35.20	120.60 4.07 -19.59	101.22 3.74 -6.33	109.50 3.23 -25.57	108.12 3.15 -29.99	113.40 2.90 -39.65	131.38 3.15 -56.70	165.75 4.73 -64.55	180.87 5.13 -78.90	198.47 5.24 -96.19	180.72 5.13 -78.85	171.97 4.94 -70.19	147.82 4.11 -58.12	126.35 5.12 -26.45	122.27 4.40 -37.79
NCHELSEA_115KV_TR2 355582	76.02 4.25 -0.94	74.87 4.02 -0.38	74.54 3.80 -0.41	74.87 3.95 -0.37	76.70 4.26 -1.52	86.51 4.86 -2.07	115.88 7.13 -2.37	173.17 8.58 -30.53	162.32 9.98 -5.53	135.68 6.97 -30.53	120.72 6.79 -16.99	102.93 6.29 -5.49	108.45 5.57 -22.18	106.24 5.25 -26.01	110.26 5.03 -34.39	125.85 5.15 -49.18	159.20 6.75 -55.98	172.33 7.07 -68.42	187.74 7.28 -83.42	172.10 7.06 -68.30	164.78 7.07 -60.87	142.15 6.16 -50.40	124.45 6.73 -22.94	117.97 5.12 -32.78
NEG CAPITAL___MECHNVIL 23645	84.98 5.17 -8.98	79.15 5.00 -3.68	79.26 4.99 -3.93	79.21 5.08 -3.58	90.76 5.25 -14.59	105.22 5.81 -19.82	116.78 7.44 -2.95	181.10 8.98 -38.06	180.10 10.42 -22.87	143.31 7.07 -38.05	124.90 6.78 -21.17	104.66 6.11 -7.40	113.75 5.41 -27.64	112.35 4.95 -32.42	118.31 4.60 -42.86	137.55 4.72 -61.30	172.81 6.56 -69.78	189.00 6.88 -85.29	207.91 6.89 -103.98	189.16 6.87 -85.54	179.31 6.59 -75.88	154.24 5.82 -62.83	129.82 6.45 -28.59	126.70 5.77 -40.86

NEG CENTRAL_HIGH_ACRES 23767	67.65 -3.19 0.00	66.80 -3.67 0.00	66.53 -3.80 0.00	66.95 -3.60 0.00	68.01 -2.91 0.00	76.25 -3.34 0.00	101.50 -5.21 -0.33	128.83 -8.18 -2.94	137.61 -9.99 -0.80	98.29 -4.12 -4.23	94.65 -4.65 -2.35	86.81 -5.10 -0.76	79.42 -4.36 -3.07	74.68 -3.90 -3.60	71.64 -3.97 -4.76	74.54 -3.79 -6.81	96.94 -5.49 -5.97	101.27 -5.04 -9.47	103.93 -4.66 -11.55	99.46 -5.23 -7.94	98.73 -5.23 -7.12	87.86 -4.71 -6.98	93.02 -4.93 -3.18	81.01 -3.60 -4.54
NEG CENTRAL___DRP 24199	70.06 -0.78 0.00	69.27 -1.20 0.00	69.06 -1.27 0.00	69.42 -1.13 0.00	70.21 -0.71 0.00	79.03 -0.56 0.00	104.82 -1.91 -0.35	133.91 -2.68 -2.52	144.15 -3.52 -0.87	101.53 -1.18 -4.52	97.81 -1.65 -2.52	89.96 -2.01 -0.81	82.29 -1.69 -3.28	77.33 -1.50 -3.85	74.38 -1.56 -5.09	77.52 -1.29 -7.28	100.15 -1.83 -5.51	105.23 -1.74 -10.13	108.13 -1.26 -12.36	102.95 -1.55 -7.75	102.27 -1.55 -6.98	91.43 -1.63 -7.47	96.47 -1.71 -3.40	83.65 -1.28 -4.85
NEG CENTRAL___INDECK 23768	68.71 -2.12 0.00	67.86 -2.61 0.00	67.51 -2.82 0.00	68.01 -2.54 0.00	69.29 -1.63 0.00	77.84 -1.75 0.00	102.90 -3.93 -0.45	128.73 -6.70 -1.36	139.26 -8.66 -1.12	100.13 -3.83 -5.78	95.22 -4.94 -3.22	86.45 -5.74 -1.04	79.98 -4.93 -4.20	75.55 -4.35 -4.93	72.97 -4.39 -6.51	76.91 -3.93 -9.31	95.91 -5.02 -4.45	105.92 -3.88 -12.96	109.25 -3.59 -15.80	100.29 -4.16 -7.70	99.81 -4.06 -7.03	91.20 -3.94 -9.54	95.05 -4.07 -4.34	83.47 -2.80 -6.21
NEG CENTRAL___SENECA 23627	70.27 -0.57 0.00	69.34 -1.13 0.00	69.13 -1.20 0.00	69.56 -0.99 0.00	70.43 -0.50 0.00	79.35 -0.24 0.00	104.54 -2.23 -0.38	132.01 -3.22 -1.16	143.51 -4.26 -0.96	101.86 -1.28 -4.95	97.76 -1.94 -2.76	89.67 -2.37 -0.89	82.37 -1.94 -3.60	77.55 -1.65 -4.22	74.66 -1.77 -5.58	78.08 -1.43 -7.98	98.06 -2.22 -3.81	105.91 -2.03 -11.10	109.02 -1.55 -13.54	101.60 -1.74 -6.59	101.12 -1.74 -6.02	91.89 -1.88 -8.18	96.61 -1.90 -3.72	84.11 -1.28 -5.32
NEG CENTRAL___STATE_STREET 24147	70.41 -0.43 0.00	69.62 -0.85 0.00	69.42 -0.91 0.00	69.77 -0.78 0.00	70.50 -0.43 0.00	79.35 -0.24 0.00	106.09 -0.64 -0.34	138.51 -1.07 -5.52	146.20 -1.47 -0.86	102.50 -0.10 -4.42	99.01 -0.39 -2.46	91.04 -0.91 -0.79	83.11 -0.81 -3.21	78.06 -0.67 -3.76	75.11 -0.71 -4.97	78.14 -0.50 -7.11	105.42 -0.68 -9.63	106.35 -0.39 -9.90	109.11 0.00 -12.07	107.64 -0.29 -11.18	106.47 -0.29 -9.92	92.28 -0.60 -7.29	97.34 -0.76 -3.32	84.09 -0.72 -4.74
NEG MILLWOOD___DRP 24198	76.60 -4.82 -0.94	75.37 -4.51 -0.39	75.10 -4.36 -0.41	75.44 -4.51 -0.38	77.28 -4.82 -1.53	87.17 -5.49 -2.08	116.87 -8.09 -2.40	175.53 -10.46 -31.01	164.46 -12.04 -5.62	137.54 -8.35 -31.01	122.34 -8.14 -17.25	105.67 -7.57 -6.95	110.01 -6.78 -22.53	107.70 -6.30 -26.42	111.73 -5.95 -34.93	127.63 -6.15 -49.95	161.53 -8.20 -56.86	174.86 -8.52 -69.50	190.51 -8.73 -84.73	174.73 -8.61 -69.37	167.20 -8.52 -61.83	144.15 -7.36 -51.20	126.14 -8.06 -23.30	119.45 -6.09 -33.29
NEG NORTH_FLCN_SEA 23793	70.84 0.00 0.00	70.89 0.42 0.00	70.75 0.42 0.00	70.83 0.28 0.00	70.92 0.00 0.00	79.67 0.08 0.00	105.11 -1.28 0.00	133.39 -0.67 0.00	145.78 -1.03 0.00	97.00 -1.18 0.00	96.17 -0.78 0.00	90.70 -0.46 0.00	80.38 -0.32 0.00	74.38 -0.60 0.00	70.07 -0.78 0.00	70.74 -0.79 0.00	95.99 -0.48 0.00	96.65 -0.19 0.00	96.75 -0.29 0.00	96.26 -0.48 0.00	96.26 -0.58 0.00	84.91 -0.68 0.00	93.74 -1.04 0.00	80.55 0.48 0.00
NEG NORTH_KES_CHATEGAY 23792	69.92 -0.92 0.00	70.05 -0.42 0.00	69.91 -0.42 0.00	69.98 -0.56 0.00	70.07 -0.85 0.00	78.64 -0.96 0.00	104.47 -1.91 0.00	132.59 -1.47 0.00	144.75 -2.06 0.00	96.32 -1.87 0.00	95.39 -1.55 0.00	90.06 -1.09 0.00	79.82 -0.89 0.00	73.85 -1.12 0.00	69.64 -1.20 0.00	70.24 -1.29 0.00	95.31 -1.16 0.00	95.77 -1.07 0.00	95.88 -1.16 0.00	95.58 -1.16 0.00	95.48 -1.36 0.00	84.31 -1.28 0.00	93.17 -1.61 0.00	79.27 -0.80 0.00
NEG NORTH___ALICE_FALLS 23915	71.19 0.35 0.00	71.25 0.78 0.00	71.03 0.70 0.00	71.18 0.63 0.00	71.28 0.35 0.00	80.15 0.56 0.00	105.96 -0.43 0.00	134.33 0.27 0.00	146.80 0.00 0.00	97.69 -0.49 0.00	96.75 -0.19 0.00	91.15 0.00 0.00	80.95 0.24 0.00	74.83 -0.15 0.00	70.56 -0.28 0.00	71.24 -0.29 0.00	96.66 0.19 0.00	97.42 0.58 0.00	97.53 0.49 0.00	96.94 0.19 0.00	96.94 0.10 0.00	85.50 -0.09 0.00	94.40 -0.38 0.00	80.87 0.80 0.00
NEG NORTH___LWR_SARANAC 23913	71.19 0.35 0.00	71.25 0.78 0.00	71.03 0.70 0.00	71.18 0.63 0.00	71.28 0.35 0.00	80.15 0.56 0.00	105.96 -0.43 0.00	134.33 0.27 0.00	146.80 0.00 0.00	97.69 -0.49 0.00	96.75 -0.19 0.00	91.15 0.00 0.00	80.95 0.24 0.00	74.83 -0.15 0.00	70.56 -0.28 0.00	71.24 -0.29 0.00	96.66 0.19 0.00	97.42 0.58 0.00	97.53 0.49 0.00	96.94 0.19 0.00	96.94 0.10 0.00	85.50 -0.09 0.00	94.40 -0.38 0.00	80.87 0.80 0.00
NEG NORTH___PLATTSBURG 23628	71.19 0.36 0.00	71.17 0.70 0.00	71.03 0.70 0.00	71.11 0.56 0.00	70.99 0.07 0.00	80.15 0.56 0.00	105.96 -0.42 0.00	134.33 0.27 0.00	146.80 0.00 0.00	97.30 -0.89 0.00	96.75 -0.19 0.00	91.15 0.00 0.00	80.95 0.24 0.00	74.83 -0.15 0.00	70.56 -0.28 0.00	71.24 -0.28 0.00	96.66 0.19 0.00	97.42 0.58 0.00	97.53 0.49 0.00	96.94 0.19 0.00	96.94 0.10 0.00	85.50 -0.09 0.00	94.40 -0.38 0.00	80.87 0.80 0.00
NEG WEST_LEA_LOCKPORT 23791	66.23 -4.60 0.00	65.04 -5.43 0.00	64.91 -5.42 0.00	65.33 -5.22 0.00	65.96 -4.96 0.00	74.10 -5.49 0.00	95.72 -11.06 -0.40	119.33 -17.16 -2.43	128.11 -19.67 -0.98	93.18 -10.11 -5.11	89.80 -9.99 -2.84	82.05 -10.03 -0.92	75.46 -8.96 -3.71	71.46 -7.87 -4.35	68.60 -8.01 -5.76	71.82 -7.94 -8.23	90.22 -11.96 -5.71	96.77 -11.52 -11.45	99.75 -11.26 -13.96	92.97 -12.09 -8.32	92.35 -12.01 -7.51	84.01 -10.01 -8.44	88.10 -10.52 -3.84	78.27 -7.29 -5.49
NEG WEST___LANCASTER 23811	68.29 -2.55 0.00	67.23 -3.24 0.00	67.09 -3.24 0.00	67.51 -3.03 0.00	68.37 -2.55 0.00	76.89 -2.71 0.00	95.35 -11.49 -0.45	120.34 -16.22 -2.50	134.87 -13.07 -1.13	94.02 -10.01 -5.85	90.12 -10.08 -3.26	82.00 -10.21 -1.05	75.76 -9.20 -4.25	71.79 -8.17 -4.99	69.22 -8.22 -6.59	72.80 -8.15 -9.43	90.67 -11.87 -6.06	98.63 -11.33 -13.12	101.97 -11.06 -16.00	94.06 -11.80 -9.12	93.38 -11.72 -8.26	85.24 -10.01 -9.66	88.37 -10.80 -4.40	78.35 -8.01 -6.29
NEG_PENN_ALLEGHNY 23528	71.39 0.14 -0.41	70.43 -0.21 -0.17	70.23 -0.28 -0.18	70.57 -0.14 -0.16	71.87 0.28 -0.67	80.82 0.32 -0.91	106.53 -0.63 -0.78	141.45 -1.21 -8.59	148.03 -0.88 -2.10	108.37 0.10 -10.09	102.17 -0.39 -5.61	92.15 -0.82 -1.81	87.30 -0.73 -7.33	82.97 -0.60 -8.59	81.50 -0.71 -11.36	87.28 -0.50 -16.25	112.11 -0.78 -16.42	118.96 -0.48 -22.61	124.41 -0.19 -27.56	116.97 -0.58 -20.80	114.95 -0.48 -18.59	101.65 -0.59 -16.65	101.70 -0.66 -7.58	90.34 -0.56 -10.83
NEG___GEN_MONROE 24207	68.29 -2.55 0.00	67.37 -3.10 0.00	67.09 -3.24 0.00	67.51 -3.03 0.00	68.44 -2.48 0.00	76.97 -2.63 0.00	101.72 -5.00 -0.34	127.92 -8.71 -2.57	136.77 -10.86 -0.82	97.74 -4.81 -4.36	94.33 -5.04 -2.43	86.56 -5.38 -0.79	79.19 -4.68 -3.17	74.50 -4.20 -3.72	71.51 -4.25 -4.92	74.41 -4.15 -7.03	95.80 -6.17 -5.50	101.10 -5.52 -9.78	103.83 -5.14 -11.93	98.38 -6.00 -7.63	97.61 -6.10 -6.87	87.58 -5.22 -7.21	92.75 -5.31 -3.28	81.16 -3.60 -4.69

NEPA__ENERGY 23901	68.36 -2.48 0.00	67.23 -3.24 0.00	67.17 -3.16 0.00	67.58 -2.96 0.00	68.44 -2.48 0.00	77.04 -2.55 0.00	98.84 -7.98 -0.43	123.58 -12.87 -2.38	134.67 -13.21 -1.08	96.88 -6.87 -5.57	93.07 -6.98 -3.10	84.77 -7.38 -1.00	77.97 -6.78 -4.05	73.80 -5.92 -4.75	70.89 -6.23 -6.28	74.35 -6.15 -8.98	92.99 -9.26 -5.78	100.71 -8.62 -12.49	104.02 -8.25 -15.23	96.34 -9.09 -8.69	95.70 -9.01 -7.87	87.26 -7.53 -9.20	91.01 -7.96 -4.19	80.77 -5.28 -5.98
NEVERSINK__HYD 23608	75.17 3.40 -0.93	74.23 3.38 -0.38	73.91 3.17 -0.41	74.24 3.32 -0.37	75.98 3.54 -1.52	85.79 4.14 -2.06	114.77 6.28 -2.11	168.41 7.10 -27.25	160.25 8.36 -5.08	131.22 5.79 -27.25	117.43 5.33 -15.16	99.75 4.83 -3.77	104.77 4.27 -19.79	102.24 4.05 -23.21	105.43 3.89 -30.69	119.57 4.15 -43.89	152.12 5.69 -49.96	164.01 6.10 -61.07	177.90 6.40 -74.45	163.90 6.20 -60.96	157.46 6.29 -54.33	135.88 5.31 -44.99	121.13 5.88 -20.47	113.73 4.40 -29.25
NEWKRMKL_115KV_TB1 55635	79.74 3.19 -5.71	75.84 3.03 -2.34	75.79 2.95 -2.50	75.86 3.03 -2.28	83.33 3.12 -9.29	95.71 3.50 -12.62	113.96 4.68 -2.89	176.04 4.69 -37.29	168.01 5.73 -15.48	139.49 4.03 -37.28	121.76 4.07 -20.75	102.43 4.01 -7.27	111.18 3.39 -27.08	109.97 3.22 -31.77	115.75 2.90 -42.00	134.38 2.79 -60.06	168.60 3.76 -68.37	184.18 3.78 -83.57	202.71 3.78 -101.88	184.06 3.68 -83.64	174.77 3.58 -74.35	150.32 3.17 -61.56	126.68 3.89 -28.01	123.15 3.04 -40.03
NEWTON__FALLS_HYD 23847	71.55 0.71 0.00	71.32 0.85 0.00	71.31 0.98 0.00	71.46 0.92 0.00	71.70 0.78 0.00	80.71 1.11 0.00	108.91 2.45 -0.07	138.09 3.08 -0.95	149.59 2.79 0.00	100.31 1.18 -0.95	98.73 1.26 -0.53	92.33 1.00 -0.17	82.44 1.05 -0.69	76.61 0.82 -0.81	72.83 0.92 -1.07	73.70 0.64 -1.52	99.36 1.16 -1.74	100.51 1.55 -2.12	101.28 1.65 -2.59	100.12 1.26 -2.11	100.08 1.36 -1.89	88.44 1.28 -1.56	97.39 1.90 -0.71	83.25 2.16 -1.02
NGRID_A1_DSASP 323792	65.81 -5.03 0.00	64.69 -5.78 0.00	64.56 -5.77 0.00	65.04 -5.50 0.00	66.46 -4.47 0.00	73.70 -5.89 0.00	95.30 -11.49 -0.40	118.34 -18.23 -2.51	127.11 -20.69 -1.00	93.96 -9.43 -5.20	89.47 -10.37 -2.89	81.79 -10.30 -0.94	75.28 -9.20 -3.78	71.31 -8.10 -4.43	68.49 -8.22 -5.86	71.68 -8.22 -8.38	89.72 -12.54 -5.79	96.39 -12.11 -11.66	99.41 -11.84 -14.21	92.52 -12.67 -8.44	91.88 -12.59 -7.63	83.73 -10.45 -8.59	87.88 -10.81 -3.91	78.21 -7.44 -5.58
NGRID_A2_DSASP 323793	65.81 -5.03 0.00	64.69 -5.78 0.00	64.56 -5.77 0.00	65.04 -5.50 0.00	66.46 -4.47 0.00	73.70 -5.89 0.00	95.30 -11.49 -0.40	118.34 -18.23 -2.51	127.11 -20.69 -1.00	93.96 -9.43 -5.20	89.47 -10.37 -2.89	81.79 -10.30 -0.94	75.28 -9.20 -3.78	71.31 -8.10 -4.43	68.49 -8.22 -5.86	71.68 -8.22 -8.38	89.72 -12.54 -5.79	96.39 -12.11 -11.66	99.41 -11.84 -14.21	92.52 -12.67 -8.44	91.88 -12.59 -7.63	83.73 -10.45 -8.59	87.88 -10.81 -3.91	78.21 -7.44 -5.58
NGRID_A4_DSASP 323807	65.81 -5.03 0.00	64.69 -5.78 0.00	64.56 -5.77 0.00	65.04 -5.50 0.00	66.46 -4.47 0.00	73.70 -5.89 0.00	95.30 -11.49 -0.40	118.34 -18.23 -2.51	127.11 -20.69 -1.00	93.96 -9.43 -5.20	89.47 -10.37 -2.89	81.79 -10.30 -0.94	75.28 -9.20 -3.78	71.31 -8.10 -4.43	68.49 -8.22 -5.86	71.68 -8.22 -8.38	89.72 -12.54 -5.79	96.39 -12.11 -11.66	99.41 -11.84 -14.21	92.52 -12.67 -8.44	91.88 -12.59 -7.63	83.73 -10.45 -8.59	87.88 -10.81 -3.91	78.21 -7.44 -5.58
NIAGARA_115E_LBMP 323715	65.38 -5.45 0.00	64.20 -6.27 0.00	64.07 -6.26 0.00	64.48 -6.07 0.00	65.96 -4.97 0.00	73.38 -6.21 0.00	94.88 -11.91 -0.40	118.46 -18.10 -2.50	126.81 -21.00 -1.00	93.38 -10.02 -5.21	88.99 -10.86 -2.90	81.24 -10.85 -0.94	74.80 -9.69 -3.79	70.87 -8.55 -4.44	68.07 -8.65 -5.87	71.27 -8.66 -8.40	89.23 -13.03 -5.78	95.93 -12.59 -11.68	98.96 -12.33 -14.24	92.03 -13.16 -8.44	91.40 -13.08 -7.63	83.32 -10.87 -8.61	87.32 -11.38 -3.92	77.66 -8.01 -5.60
NIAGARA_115W_LBMP 323714	65.74 -5.10 0.00	64.62 -5.85 0.00	64.49 -5.84 0.00	64.90 -5.65 0.00	66.38 -4.54 0.00	73.62 -5.97 0.00	95.20 -11.59 -0.40	118.07 -18.50 -2.51	126.80 -21.00 -0.99	93.76 -9.62 -5.19	89.36 -10.47 -2.89	81.61 -10.48 -0.93	75.12 -9.36 -3.77	71.16 -8.25 -4.43	68.41 -8.29 -5.85	71.60 -8.30 -8.37	89.52 -12.74 -5.79	96.18 -12.30 -11.64	99.20 -12.04 -14.19	92.32 -12.87 -8.44	91.68 -12.78 -7.63	83.55 -10.62 -8.58	87.69 -10.99 -3.90	78.04 -7.61 -5.58
NIAGARA_230_LBMP 323716	66.16 -4.68 0.00	64.97 -5.50 0.00	64.77 -5.56 0.00	65.25 -5.29 0.00	66.67 -4.25 0.00	74.26 -5.33 0.00	96.15 -10.64 -0.40	119.56 -17.03 -2.52	128.56 -19.23 -0.98	94.78 -8.54 -5.14	90.31 -9.50 -2.86	82.41 -9.66 -0.92	75.97 -8.47 -3.73	71.93 -7.42 -4.38	69.13 -7.51 -5.79	72.23 -7.58 -8.28	90.58 -11.68 -5.79	97.23 -11.13 -11.52	100.22 -10.87 -14.05	93.44 -11.71 -8.40	92.81 -11.62 -7.59	84.41 -9.67 -8.49	88.69 -9.95 -3.86	78.78 -6.81 -5.52
NIAGARA__115KV_198_GIBSON 55903	65.74 -5.10 0.00	64.62 -5.85 0.00	64.49 -5.84 0.00	64.90 -5.64 0.00	65.67 -5.25 0.00	73.62 -5.97 0.00	95.19 -11.60 -0.40	118.06 -18.50 -2.50	126.66 -21.14 -0.99	92.66 -10.70 -5.18	89.36 -10.47 -2.88	81.60 -10.48 -0.93	75.11 -9.36 -3.77	71.15 -8.25 -4.42	68.40 -8.29 -5.84	71.58 -8.30 -8.35	89.70 -12.54 -5.77	96.16 -12.30 -11.62	99.17 -12.03 -14.17	92.29 -12.87 -8.42	91.66 -12.78 -7.60	83.54 -10.61 -8.56	87.68 -10.99 -3.90	77.95 -7.69 -5.57
NIAGARA____ 23760	66.16 -4.68 0.00	64.97 -5.50 0.00	64.77 -5.56 0.00	65.25 -5.29 0.00	66.67 -4.25 0.00	74.26 -5.33 0.00	96.15 -10.64 -0.40	119.55 -17.03 -2.51	128.57 -19.23 -0.99	94.82 -8.54 -5.18	90.33 -9.50 -2.88	82.42 -9.66 -0.93	76.00 -8.47 -3.77	71.97 -7.42 -4.42	69.18 -7.51 -5.84	72.29 -7.58 -8.35	90.58 -11.68 -5.78	97.30 -11.13 -11.59	100.31 -10.87 -14.14	93.46 -11.71 -8.42	92.83 -11.62 -7.61	84.47 -9.67 -8.55	88.73 -9.95 -3.90	78.85 -6.81 -5.59
NINE_MILE_1 23575	68.07 -2.76 0.00	67.51 -2.96 0.00	67.31 -3.02 0.00	67.59 -2.96 0.00	68.23 -2.69 0.00	76.57 -3.02 0.00	102.32 -4.26 -0.19	130.61 -5.90 -2.44	140.20 -6.60 0.00	96.99 -3.63 -2.44	94.42 -3.88 -1.36	87.68 -3.92 -0.44	79.09 -3.39 -1.77	73.91 -3.15 -2.08	70.62 -2.97 -2.75	72.52 -2.94 -3.93	96.90 -4.05 -4.47	98.43 -3.88 -5.47	100.02 -3.69 -6.66	98.22 -3.97 -5.44	97.83 -3.88 -4.86	86.10 -3.51 -4.03	92.72 -3.89 -1.83	79.48 -3.21 -2.62
NINE_MILE_2 23744	68.07 -2.76 0.00	67.51 -2.96 0.00	67.31 -3.02 0.00	67.59 -2.96 0.00	68.23 -2.69 0.00	76.57 -3.02 0.00	102.32 -4.26 -0.19	130.60 -5.90 -2.43	140.20 -6.60 0.00	96.98 -3.63 -2.43	94.42 -3.88 -1.35	87.67 -3.92 -0.44	79.08 -3.39 -1.77	73.90 -3.15 -2.07	70.61 -2.97 -2.74	72.51 -2.94 -3.92	96.88 -4.05 -4.46	98.41 -3.88 -5.45	100.00 -3.69 -6.65	98.20 -3.97 -5.43	97.81 -3.88 -4.85	86.09 -3.51 -4.02	92.72 -3.89 -1.83	79.48 -3.21 -2.61
NM_CAPITAL__DRP 24208	79.71 3.26 -5.62	75.87 3.10 -2.30	75.82 3.02 -2.46	75.89 3.10 -2.24	83.32 3.26 -9.13	95.58 3.58 -12.41	114.16 4.89 -2.88	176.35 5.09 -37.19	168.71 6.17 -15.74	139.79 4.42 -37.19	122.10 4.46 -20.69	102.71 4.28 -7.27	111.43 3.71 -27.02	110.19 3.52 -31.69	115.93 3.19 -41.89	134.51 3.08 -59.91	168.82 4.15 -68.20	184.36 4.16 -83.36	202.84 4.17 -101.63	184.24 4.06 -83.44	174.97 3.97 -74.16	150.50 3.51 -61.40	126.89 4.17 -27.94	123.37 3.36 -39.93

NM_CENTRAL___DRP 24181	69.35 -1.49 0.00	68.64 -1.83 0.00	68.50 -1.83 0.00	68.78 -1.76 0.00	69.36 -1.56 0.00	78.08 -1.51 0.00	104.30 -2.34 -0.25	134.38 -2.95 -3.26	143.43 -3.38 0.00	99.97 -1.47 -3.26	97.11 -1.65 -1.81	89.73 -2.01 -0.59	81.38 -1.69 -2.37	76.26 -1.50 -2.78	73.03 -1.49 -3.67	75.42 -1.36 -5.25	100.23 -2.22 -5.98	102.11 -2.03 -7.31	104.20 -1.75 -8.91	101.99 -2.03 -7.28	101.31 -2.03 -6.50	89.01 -1.97 -5.38	95.05 -2.18 -2.45	81.73 -1.84 -3.50
NM_FRONTIER___DRP 24179	65.74 -5.10 0.00	64.62 -5.85 0.00	64.49 -5.84 0.00	64.90 -5.64 0.00	65.67 -5.25 0.00	73.62 -5.97 0.00	95.19 -11.60 -0.40	118.06 -18.50 -2.50	126.66 -21.14 -0.99	92.66 -10.70 -5.18	89.36 -10.47 -2.88	81.60 -10.48 -0.93	75.11 -9.36 -3.77	71.15 -8.25 -4.42	68.40 -8.29 -5.84	71.58 -8.30 -8.35	89.70 -12.54 -5.77	96.16 -12.30 -11.62	99.17 -12.03 -14.17	92.29 -12.87 -8.42	91.66 -12.78 -7.60	83.54 -10.61 -8.56	87.68 -10.99 -3.90	77.95 -7.69 -5.57
NM_ST_REGIS___HYD 24053	70.91 0.07 0.00	71.03 0.56 0.00	70.96 0.63 0.00	71.11 0.56 0.00	71.14 0.21 0.00	79.83 0.24 0.00	109.58 3.19 0.00	138.22 4.16 0.00	150.47 3.67 0.00	99.46 1.28 0.00	98.79 1.84 0.00	92.70 1.55 0.00	82.64 1.94 0.00	76.63 1.65 0.00	72.62 1.77 0.00	72.67 1.14 0.00	98.02 1.54 0.00	98.78 1.94 0.00	98.98 1.94 0.00	98.00 1.26 0.00	98.29 1.45 0.00	87.04 1.46 0.00	97.34 2.56 0.00	83.35 3.28 0.00
NORTHPORT___1 23551	106.86 6.30 -29.72	100.38 5.92 -23.99	91.45 5.69 -15.42	93.21 5.93 -16.74	91.44 6.17 -14.35	97.36 6.92 -10.84	146.70 10.21 -30.10	176.09 11.39 -30.64	165.98 13.66 -5.52	138.64 9.82 -30.64	123.78 9.79 -17.05	108.79 9.03 -8.61	110.95 7.99 -22.25	108.58 7.50 -26.10	112.59 7.23 -34.51	137.82 7.58 -58.72	161.52 8.87 -56.18	206.89 8.90 -101.14	205.03 8.35 -99.64	196.07 8.41 -90.91	168.93 8.90 -63.18	151.99 7.96 -58.44	140.29 9.48 -36.03	136.91 7.45 -49.39
NORTHPORT___2 23552	106.86 6.30 -29.72	100.38 5.92 -23.99	91.45 5.69 -15.42	93.21 5.93 -16.74	91.44 6.17 -14.35	97.36 6.92 -10.84	146.70 10.21 -30.10	176.09 11.39 -30.64	165.98 13.66 -5.52	138.64 9.82 -30.64	123.78 9.79 -17.05	108.79 9.03 -8.61	110.95 7.99 -22.25	108.58 7.50 -26.10	112.59 7.23 -34.51	137.82 7.58 -58.72	161.52 8.87 -56.18	206.89 8.90 -101.14	205.03 8.35 -99.64	196.07 8.41 -90.91	168.93 8.90 -63.18	151.99 7.96 -58.44	140.29 9.48 -36.03	136.91 7.45 -49.39
NORTHPORT___3 23553	105.51 4.96 -29.72	99.11 4.65 -23.99	90.26 4.51 -15.42	91.94 4.65 -16.74	91.94 4.83 -14.35	95.85 5.41 -10.84	144.15 7.66 -30.10	176.09 11.39 -30.63	162.74 10.42 -5.51	136.96 8.14 -30.64	122.14 8.14 -17.05	107.32 7.56 -8.61	109.65 6.69 -22.25	107.38 6.30 -26.10	111.37 6.02 -34.51	136.47 6.22 -58.72	160.26 7.62 -56.17	204.76 8.90 -99.01	204.51 9.70 -97.77	195.77 9.38 -89.65	165.00 8.81 -59.35	151.81 7.79 -58.43	138.58 7.77 -36.03	135.55 6.08 -49.39
NORTHPORT___4 23650	105.51 4.96 -29.72	99.11 4.65 -23.99	90.26 4.51 -15.42	91.94 4.65 -16.74	91.94 4.83 -14.35	95.85 5.41 -10.84	144.15 7.66 -30.10	176.09 11.39 -30.63	162.74 10.42 -5.51	136.96 8.14 -30.64	122.14 8.14 -17.05	107.32 7.56 -8.61	109.65 6.69 -22.25	107.38 6.30 -26.10	111.37 6.02 -34.51	136.47 6.22 -58.72	160.26 7.62 -56.17	204.76 8.90 -99.01	204.51 9.70 -97.77	195.77 9.38 -89.65	165.00 8.81 -59.35	151.81 7.79 -58.43	138.58 7.77 -36.03	135.55 6.08 -49.39
NORTHPORT___IC 23718	106.86 6.30 -29.72	100.31 5.85 -23.99	91.45 5.70 -15.42	93.14 5.86 -16.74	91.31 6.03 -14.35	97.36 6.92 -10.84	146.70 10.21 -30.10	176.10 11.40 -30.64	166.27 13.95 -5.52	138.83 10.01 -30.63	123.78 9.79 -17.05	108.78 9.02 -8.61	110.95 7.99 -22.25	108.58 7.50 -26.10	112.58 7.23 -34.51	137.83 7.58 -58.72	161.62 8.97 -56.18	206.89 8.91 -101.14	205.12 8.44 -99.64	196.07 8.42 -90.91	168.93 8.91 -63.18	151.99 7.96 -58.44	140.29 9.48 -36.03	136.99 7.53 -49.39
NORTH___COUNTRY_ESR 323785	69.63 -1.20 0.00	69.70 -0.77 0.00	69.63 -0.70 0.00	69.70 -0.84 0.00	69.57 -1.35 0.00	78.32 -1.28 0.00	104.15 -2.24 0.00	132.06 -2.01 0.00	144.45 -2.35 0.00	95.63 -2.55 0.00	95.20 -1.74 0.00	89.88 -1.28 0.00	79.57 -1.13 0.00	73.63 -1.35 0.00	69.43 -1.42 0.00	70.02 -1.51 0.00	95.03 -1.44 0.00	95.48 -1.36 0.00	95.48 -1.56 0.00	95.30 -1.45 0.00	95.19 -1.65 0.00	84.05 -1.54 0.00	92.89 -1.89 0.00	78.95 -1.12 0.00
NPX_GEN_1385_PROXY 323591	129.89 8.28 -50.77	132.41 7.96 -53.98	123.69 7.74 -45.62	125.90 7.97 -47.38	129.28 8.22 -50.13	148.58 9.23 -59.76	168.25 13.08 -48.78	188.90 15.01 -39.82	169.05 16.73 -5.52	140.30 11.48 -30.64	132.83 12.51 -23.37	130.00 11.58 -27.27	120.12 10.25 -29.16	121.43 9.60 -36.85	125.69 9.14 -45.70	139.76 9.51 -58.72	163.55 10.90 -56.18	207.76 9.78 -101.14	204.64 7.96 -99.64	196.46 8.80 -90.91	170.00 9.98 -63.18	153.70 9.67 -58.44	142.27 11.46 -36.03	138.91 9.44 -49.39
NPX_GEN_CSC 323557	107.43 6.87 -29.72	100.87 6.41 -23.99	91.94 6.19 -15.42	93.71 6.42 -16.74	91.94 6.66 -14.35	98.00 7.57 -10.84	147.87 11.39 -30.10	178.70 13.94 -30.70	167.93 15.55 -5.57	139.43 10.61 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.20 8.24 -22.25	108.88 7.80 -26.10	112.86 7.51 -34.51	138.40 8.15 -58.72	163.04 10.33 -56.24	227.76 10.75 -120.17	224.02 10.58 -116.40	209.52 10.55 -102.23	205.04 10.75 -97.45	153.59 9.50 -58.50	141.14 10.33 -36.03	137.72 8.25 -49.39
NSINS_S___GLNS_FALLS 23858	86.56 6.16 -9.56	80.38 5.99 -3.92	80.50 5.98 -4.19	80.42 6.07 -3.81	92.63 6.17 -15.53	107.70 7.00 -21.10	116.59 7.23 -2.97	181.10 8.71 -38.32	180.89 10.13 -23.96	143.08 6.58 -38.32	124.76 6.50 -21.32	104.14 5.56 -7.42	113.46 4.92 -27.83	112.05 4.42 -32.65	118.12 4.11 -43.16	137.40 4.15 -61.73	172.72 5.98 -70.27	189.12 6.39 -85.88	208.15 6.40 -104.71	189.29 6.39 -86.16	179.35 6.10 -76.41	154.25 5.39 -63.27	129.64 6.07 -28.79	127.94 6.73 -41.14
NUCOR_STEEL___DRP 24197	70.41 -0.43 0.00	69.69 -0.78 0.00	69.49 -0.84 0.00	69.84 -0.71 0.00	70.50 -0.43 0.00	79.35 -0.24 0.00	106.08 -0.64 -0.33	138.38 -1.21 -5.52	146.02 -1.61 -0.83	102.25 -0.20 -4.26	98.83 -0.48 -2.37	90.92 -1.00 -0.77	82.99 -0.81 -3.09	77.93 -0.67 -3.63	74.87 -0.78 -4.80	77.89 -0.50 -6.86	105.36 -0.68 -9.56	105.90 -0.48 -9.55	108.58 -0.10 -11.64	107.28 -0.48 -11.02	106.13 -0.48 -9.77	91.94 -0.68 -7.03	97.22 -0.76 -3.20	83.92 -0.72 -4.57
NUMBER_THREE_WT_PWR 323818	72.96 2.12 0.00	72.44 1.97 0.00	72.37 2.04 0.00	72.59 2.05 0.00	73.05 2.13 0.00	82.54 2.95 0.00	111.06 4.57 -0.10	141.24 5.89 -1.29	152.83 6.02 0.00	103.00 3.53 -1.29	101.05 3.39 -0.72	94.21 2.83 -0.23	84.06 2.42 -0.93	78.17 2.10 -1.10	74.35 2.06 -1.45	75.82 2.22 -2.07	102.30 3.47 -2.36	103.70 3.97 -2.88	104.73 4.17 -3.52	103.39 3.77 -2.87	103.38 3.97 -2.57	90.97 3.25 -2.12	99.35 3.60 -0.97	84.74 3.28 -1.38
NYISO_LBMP_REFERENCE 24008	70.84 0.00 0.00	70.47 0.00 0.00	70.33 0.00 0.00	70.55 0.00 0.00	70.92 0.00 0.00	79.59 0.00 0.00	106.39 0.00 0.00	134.06 0.00 0.00	146.80 0.00 0.00	98.18 0.00 0.00	96.94 0.00 0.00	91.15 0.00 0.00	80.70 0.00 0.00	74.98 0.00 0.00	70.85 0.00 0.00	71.53 0.00 0.00	96.47 0.00 0.00	96.84 0.00 0.00	97.04 0.00 0.00	96.74 0.00 0.00	96.84 0.00 0.00	85.59 0.00 0.00	94.78 0.00 0.00	80.07 0.00 0.00

NYPA_BRENTWD____GT 24164	107.36 6.80 -29.72	100.87 6.41 -23.99	91.94 6.19 -15.42	93.71 6.42 -16.74	91.94 6.66 -14.35	97.92 7.48 -10.84	147.65 11.17 -30.10	177.99 13.28 -30.65	167.60 15.27 -5.53	139.43 10.61 -30.64	124.46 10.47 -17.05	109.42 9.66 -8.61	111.43 8.47 -22.25	109.11 8.03 -26.10	113.08 7.72 -34.51	138.47 8.22 -58.72	162.79 10.13 -56.19	212.51 10.56 -105.11	210.46 10.28 -103.14	200.17 10.16 -93.27	177.63 10.46 -70.33	153.29 9.25 -58.45	141.23 10.43 -36.03	137.64 8.17 -49.39
NYPA_GOWANUS____GT5 24156	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NYPA_GOWANUS____GT6 24157	76.14 4.39 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.59 4.18 -1.48	85.98 4.37 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.59 -10.92	140.43 8.44 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.40 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.39	160.55 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.83 -68.59	166.36 8.33 -61.19	171.49 7.36 -78.53	131.82 7.67 -29.37	174.07 5.69 -88.31
NYPA_HARLEM__RVR__GT1 24160	76.22 4.47 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.65	162.89 10.58 -5.51	136.49 7.66 -30.65	121.95 7.95 -17.06	107.22 7.48 -8.59	109.51 6.53 -22.27	107.25 6.15 -26.12	111.19 5.81 -34.53	126.70 5.79 -49.39	159.63 6.95 -56.21	172.61 7.07 -68.70	188.09 7.28 -83.76	172.38 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.30 7.49 -23.03	118.51 5.52 -32.92
NYPA_HARLEM__RVR__GT2 24161	76.22 4.47 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.65	162.89 10.58 -5.51	136.49 7.66 -30.65	121.95 7.95 -17.06	107.22 7.48 -8.59	109.51 6.53 -22.27	107.25 6.15 -26.12	111.19 5.81 -34.53	126.70 5.79 -49.39	159.63 6.95 -56.21	172.61 7.07 -68.70	188.09 7.28 -83.76	172.38 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.30 7.49 -23.03	118.51 5.52 -32.92
NYPA_KENT____GT 24152	76.07 4.32 -0.91	74.79 3.94 -0.37	74.46 3.72 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.98 4.37 -2.02	115.67 6.91 -2.38	173.84 9.12 -30.66	166.72 11.30 -8.61	138.89 8.25 -32.46	122.04 8.04 -17.06	107.31 7.56 -8.59	109.59 6.62 -22.27	107.32 6.22 -26.12	111.26 5.88 -34.53	126.85 5.93 -49.39	160.25 7.53 -56.25	173.30 7.75 -68.71	188.67 7.86 -83.77	172.97 7.64 -68.59	165.95 7.94 -61.16	159.29 7.10 -66.60	128.93 7.49 -26.66	150.22 5.52 -64.63
NYPA_POUCH1____GT 24155	75.86 4.11 -0.91	74.51 3.66 -0.37	74.18 3.45 -0.40	74.58 3.67 -0.36	76.23 3.83 -1.48	85.59 3.98 -2.02	115.25 6.49 -2.38	173.57 8.85 -30.66	168.59 10.86 -10.92	139.93 7.95 -33.80	121.85 7.85 -17.06	107.04 7.30 -8.59	109.43 6.46 -22.27	107.10 6.00 -26.12	111.12 5.74 -34.53	126.70 5.79 -49.39	160.17 7.43 -56.27	173.11 7.56 -68.71	188.48 7.66 -83.77	172.88 7.55 -68.59	165.97 7.94 -61.19	171.14 7.02 -78.53	131.45 7.30 -29.37	173.83 5.45 -88.31
NYPA_VERNON____GT2 24162	76.07 4.32 -0.91	74.79 3.94 -0.37	74.46 3.72 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.98 4.37 -2.02	115.67 6.91 -2.38	173.84 9.12 -30.66	164.26 11.15 -6.30	137.44 8.14 -31.11	122.04 8.04 -17.06	107.22 7.48 -8.59	109.59 6.62 -22.27	107.25 6.15 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.39	160.12 7.43 -56.22	173.20 7.65 -68.71	188.58 7.77 -83.77	172.88 7.55 -68.59	165.73 7.75 -61.14	147.19 6.93 -54.67	126.13 7.40 -23.95	126.47 5.45 -40.95
NYPA_VERNON____GT3 24163	76.07 4.32 -0.91	74.79 3.94 -0.37	74.46 3.72 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.98 4.37 -2.02	115.67 6.91 -2.38	173.84 9.12 -30.66	164.26 11.15 -6.30	137.44 8.14 -31.11	122.04 8.04 -17.06	107.22 7.48 -8.59	109.59 6.62 -22.27	107.25 6.15 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.39	160.12 7.43 -56.22	173.20 7.65 -68.71	188.58 7.77 -83.77	172.88 7.55 -68.59	165.73 7.75 -61.14	147.19 6.93 -54.67	126.13 7.40 -23.95	126.47 5.45 -40.95
NYPA__ASTORIA_CC1 323568	76.00 4.25 -0.91	74.72 3.87 -0.37	74.38 3.65 -0.40	74.79 3.88 -0.36	76.45 4.04 -1.48	85.82 4.22 -2.02	115.47 6.71 -2.38	173.71 8.98 -30.66	163.34 11.02 -5.52	136.89 8.05 -30.66	121.95 7.95 -17.06	107.12 7.38 -8.59	109.51 6.53 -22.27	107.17 6.07 -26.12	111.19 5.81 -34.53	126.70 5.79 -49.39	160.02 7.33 -56.22	173.11 7.56 -68.71	188.39 7.57 -83.77	172.78 7.45 -68.59	165.62 7.65 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.35 5.37 -32.92
NYPA__ASTORIA_CC2 323569	76.00 4.25 -0.91	74.72 3.87 -0.37	74.38 3.65 -0.40	74.79 3.88 -0.36	76.45 4.04 -1.48	85.82 4.22 -2.02	115.47 6.71 -2.38	173.71 8.98 -30.66	163.34 11.02 -5.52	136.89 8.05 -30.66	121.95 7.95 -17.06	107.12 7.38 -8.59	109.51 6.53 -22.27	107.17 6.07 -26.12	111.19 5.81 -34.53	126.70 5.79 -49.39	160.02 7.33 -56.22	173.11 7.56 -68.71	188.39 7.57 -83.77	172.78 7.45 -68.59	165.62 7.65 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.35 5.37 -32.92
NYPA__HOLTSVILL 23794	107.00 6.45 -29.72	100.52 6.06 -23.99	91.59 5.83 -15.42	93.36 6.07 -16.74	91.52 6.24 -14.35	97.52 7.08 -10.84	147.12 10.64 -30.10	177.63 12.87 -30.70	166.91 14.54 -5.57	138.93 10.11 -30.64	123.88 9.89 -17.05	108.79 9.03 -8.61	110.95 7.99 -22.25	108.65 7.57 -26.10	112.59 7.23 -34.51	138.04 7.80 -58.72	162.45 9.74 -56.24	226.72 10.07 -119.81	223.02 9.90 -116.08	208.52 9.77 -102.01	203.61 9.98 -96.79	152.99 8.90 -58.50	140.67 9.86 -36.03	137.23 7.76 -49.39
NYPA__HELLGATE_GT1 24158	76.22 4.47 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.65	162.89 10.58 -5.51	136.49 7.66 -30.65	121.95 7.95 -17.06	107.22 7.48 -8.59	109.51 6.53 -22.27	107.25 6.15 -26.12	111.19 5.81 -34.53	126.70 5.79 -49.39	159.63 6.95 -56.21	172.61 7.07 -68.70	188.09 7.28 -83.76	172.38 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.30 7.49 -23.03	118.51 5.52 -32.92
NYPA__HELLGATE_GT2 24159	76.22 4.47 -0.91	74.86 4.01 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	85.59 3.98 -2.02	115.15 6.38 -2.38	173.17 8.45 -30.65	162.89 10.58 -5.51	136.49 7.66 -30.65	121.95 7.95 -17.06	107.22 7.48 -8.59	109.51 6.53 -22.27	107.25 6.15 -26.12	111.19 5.81 -34.53	126.70 5.79 -49.39	159.63 6.95 -56.21	172.61 7.07 -68.70	188.09 7.28 -83.76	172.38 7.06 -68.58	165.43 7.46 -61.13	142.97 6.76 -50.62	125.30 7.49 -23.03	118.51 5.52 -32.92
NYS_BARGE__HYD 23848	66.38 -4.46 0.00	65.26 -5.21 0.00	65.05 -5.28 0.00	65.54 -5.01 0.00	66.95 -3.97 0.00	74.34 -5.26 0.00	96.25 -10.53 -0.39	120.08 -16.49 -2.51	128.84 -18.94 -0.97	94.63 -8.64 -5.09	90.18 -9.60 -2.83	82.40 -9.66 -0.91	75.68 -8.72 -3.70	71.66 -7.65 -4.33	68.86 -7.72 -5.73	72.00 -7.73 -8.19	90.52 -11.68 -5.73	97.11 -11.13 -11.40	100.07 -10.87 -13.90	93.35 -11.71 -8.32	92.73 -11.62 -7.51	84.32 -9.67 -8.40	88.46 -10.14 -3.82	78.57 -6.97 -5.46

OAK ORCHARD___HYD 24046	68.36 -2.48 0.00	67.51 -2.96 0.00	67.17 -3.16 0.00	67.59 -2.96 0.00	68.72 -2.20 0.00	77.04 -2.55 0.00	102.26 -4.46 -0.34	128.87 -7.78 -2.58	137.93 -9.69 -0.82	99.19 -3.34 -4.34	95.38 -3.98 -2.42	87.47 -4.46 -0.78	79.99 -3.87 -3.16	75.31 -3.37 -3.70	72.27 -3.47 -4.89	75.17 -3.36 -7.00	96.87 -5.12 -5.52	102.03 -4.55 -9.74	104.64 -4.27 -11.87	99.45 -4.93 -7.63	98.87 -4.84 -6.87	88.57 -4.19 -7.17	93.78 -4.26 -3.26	81.86 -2.88 -4.66
OAKDALE___35_KV_LOAD 356122	71.19 -0.07 -0.43	70.15 -0.49 -0.17	70.02 -0.49 -0.19	70.29 -0.42 -0.17	71.47 -0.14 -0.69	80.53 0.00 -0.94	106.10 -1.06 -0.78	140.32 -1.88 -8.13	147.47 -1.47 -2.13	107.61 -0.59 -10.02	101.74 -0.78 -5.57	91.77 -1.18 -1.80	86.93 -1.05 -7.28	82.61 -0.90 -8.53	81.14 -0.99 -11.28	86.88 -0.79 -16.14	111.06 -1.16 -15.74	118.42 -0.87 -22.45	123.83 -0.58 -27.37	115.96 -0.97 -20.18	114.02 -0.87 -18.06	101.19 -0.94 -16.54	101.26 -1.04 -7.53	90.03 -0.80 -10.75
OCC_CHEM___DRP 24175	65.81 -5.03 0.00	64.69 -5.78 0.00	64.56 -5.77 0.00	65.04 -5.50 0.00	65.82 -5.11 0.00	73.70 -5.89 0.00	95.30 -11.49 -0.40	118.19 -18.37 -2.49	126.95 -20.85 -1.00	92.87 -10.51 -5.19	89.46 -10.37 -2.89	81.70 -10.39 -0.93	75.27 -9.20 -3.77	71.30 -8.10 -4.42	68.48 -8.22 -5.85	71.66 -8.23 -8.36	89.79 -12.44 -5.77	96.37 -12.10 -11.63	99.38 -11.84 -14.18	92.49 -12.67 -8.42	91.86 -12.59 -7.61	83.72 -10.44 -8.57	87.88 -10.80 -3.90	78.12 -7.53 -5.57
OH_GEN_PROXY 24063	66.16 -4.68 0.00	65.05 -5.42 0.00	64.84 -5.49 0.00	65.33 -5.22 0.00	66.74 -4.18 0.00	74.26 -5.33 0.00	96.36 -10.42 -0.40	119.99 -16.63 -2.55	129.00 -18.79 -0.99	95.00 -8.35 -5.16	90.61 -9.21 -2.87	82.60 -9.48 -0.93	76.14 -8.31 -3.75	72.10 -7.27 -4.40	69.29 -7.37 -5.82	72.48 -7.37 -8.32	90.93 -11.38 -5.84	97.57 -10.84 -11.57	100.58 -10.57 -14.11	93.79 -11.42 -8.47	93.16 -11.33 -7.65	84.70 -9.42 -8.53	88.90 -9.76 -3.88	78.89 -6.73 -5.54
OLIN_CORP_DRP 24177	65.52 -5.31 0.00	64.34 -6.13 0.00	64.21 -6.12 0.00	64.69 -5.86 0.00	65.46 -5.46 0.00	73.54 -6.05 0.00	95.09 -11.70 -0.41	118.72 -17.83 -2.49	126.96 -20.85 -1.00	92.61 -10.80 -5.23	89.19 -10.66 -2.91	81.52 -10.57 -0.94	74.98 -9.52 -3.80	71.04 -8.40 -4.46	68.31 -8.43 -5.89	71.52 -8.44 -8.43	89.60 -12.64 -5.77	96.27 -12.30 -11.73	99.31 -12.03 -14.30	92.33 -12.87 -8.45	91.69 -12.78 -7.64	83.53 -10.70 -8.64	87.62 -11.09 -3.93	77.84 -7.85 -5.62
OLIN_CORP_DSASP 323712	65.81 -5.03 0.00	64.69 -5.78 0.00	64.56 -5.77 0.00	65.04 -5.50 0.00	66.46 -4.47 0.00	73.70 -5.89 0.00	95.30 -11.49 -0.40	118.34 -18.23 -2.51	127.11 -20.69 -1.00	93.96 -9.43 -5.20	89.47 -10.37 -2.89	81.79 -10.30 -0.94	75.28 -9.20 -3.78	71.31 -8.10 -4.43	68.49 -8.22 -5.86	71.68 -8.22 -8.38	89.72 -12.54 -5.79	96.39 -12.11 -11.66	99.41 -11.84 -14.21	92.52 -12.67 -8.44	91.88 -12.59 -7.63	83.73 -10.45 -8.59	87.88 -10.81 -3.91	78.21 -7.44 -5.58
ONEIDA_HERK_LFGE 323681	73.10 2.27 0.00	72.58 2.11 0.00	72.51 2.18 0.00	72.80 2.26 0.00	73.26 2.34 0.00	82.62 3.02 0.00	110.94 4.47 -0.08	140.78 5.63 -1.08	152.97 6.16 0.00	103.29 4.03 -1.08	101.23 3.68 -0.60	94.45 3.10 -0.19	84.15 2.66 -0.79	78.30 2.40 -0.92	74.33 2.27 -1.22	75.71 2.43 -1.75	102.03 3.57 -1.99	103.24 3.97 -2.43	104.08 4.07 -2.96	102.93 3.77 -2.42	102.88 3.88 -2.16	90.63 3.25 -1.79	99.10 3.51 -0.81	84.36 3.12 -1.16
ONEIDA___115KV_TB4 55905	73.03 2.20 0.00	72.51 2.04 0.00	72.37 2.04 0.00	72.66 2.12 0.00	73.19 2.27 0.00	82.62 3.02 0.00	110.69 4.15 -0.16	141.33 5.23 -2.04	152.53 5.73 0.00	104.15 3.93 -2.04	101.57 3.49 -1.13	94.35 2.83 -0.37	84.69 2.50 -1.48	78.96 2.25 -1.74	75.20 2.05 -2.30	77.17 2.36 -3.28	103.49 3.28 -3.74	104.99 3.58 -4.57	106.39 3.78 -5.57	104.68 3.39 -4.55	104.39 3.49 -4.06	91.86 2.91 -3.36	99.34 3.03 -1.53	84.90 2.64 -2.19
ONONDAGA_REF_OCCRA 23987	69.85 -0.99 0.00	69.13 -1.34 0.00	68.92 -1.41 0.00	69.28 -1.27 0.00	69.86 -1.06 0.00	78.56 -1.03 0.00	105.09 -1.60 -0.30	136.55 -2.28 -4.77	145.04 -2.50 -0.73	101.09 -0.98 -3.89	97.94 -1.16 -2.16	90.30 -1.55 -0.70	82.15 -1.37 -2.82	77.09 -1.20 -3.31	74.02 -1.20 -4.38	76.78 -1.00 -6.26	103.38 -1.45 -8.35	104.29 -1.26 -8.71	106.69 -0.97 -10.62	105.23 -1.26 -9.74	104.23 -1.26 -8.65	90.72 -1.28 -6.41	96.18 -1.52 -2.92	82.88 -1.36 -4.17
ONONDAGA___COGEN 23986	69.85 -0.99 0.00	69.13 -1.34 0.00	68.99 -1.34 0.00	69.28 -1.27 0.00	69.86 -1.06 0.00	78.56 -1.03 0.00	105.29 -1.38 -0.28	135.99 -1.74 -3.67	145.32 -2.20 -0.71	101.16 -0.69 -3.67	98.11 -0.87 -2.04	90.54 -1.28 -0.66	82.32 -1.05 -2.67	77.20 -0.90 -3.13	74.06 -0.92 -4.13	76.65 -0.79 -5.91	101.94 -1.25 -6.73	103.80 -1.26 -8.22	106.10 -0.97 -10.03	103.70 -1.26 -8.21	102.90 -1.26 -7.32	90.36 -1.28 -6.06	96.02 -1.52 -2.76	82.73 -1.28 -3.94
ONTARIO___LFGE 23819	70.27 -0.57 0.00	69.41 -1.06 0.00	69.20 -1.13 0.00	69.56 -0.99 0.00	70.64 -0.28 0.00	79.35 -0.24 0.00	104.53 -2.24 -0.39	132.04 -3.22 -1.19	143.50 -4.26 -0.96	102.28 -0.89 -4.98	97.78 -1.94 -2.77	89.68 -2.37 -0.90	82.39 -1.94 -3.62	77.57 -1.65 -4.25	74.69 -1.77 -5.61	78.12 -1.43 -8.03	98.21 -2.12 -3.86	105.97 -2.04 -11.17	109.10 -1.56 -13.61	101.66 -1.74 -6.66	101.18 -1.74 -6.08	91.93 -1.88 -8.23	96.63 -1.89 -3.74	84.22 -1.20 -5.35
ORANGEVILLE_WT_PWR 323706	68.15 -2.91 -0.22	66.97 -3.59 -0.09	66.84 -3.58 -0.10	67.32 -3.31 -0.09	68.88 -2.41 -0.36	76.98 -3.11 -0.50	99.10 -7.76 -0.47	123.85 -12.20 -1.98	134.92 -13.07 -1.18	97.90 -6.38 -6.10	92.87 -7.46 -3.39	84.41 -7.84 -1.10	78.11 -7.02 -4.43	73.95 -6.22 -5.19	71.27 -6.45 -6.87	75.05 -6.29 -9.82	92.85 -9.07 -5.45	102.17 -8.33 -13.66	105.74 -7.96 -16.66	96.90 -8.61 -8.77	96.38 -8.43 -7.97	88.38 -7.28 -10.06	91.77 -7.59 -4.58	81.41 -5.20 -6.54
ORANGEVILLE___ESR 323794	68.15 -2.91 -0.22	66.97 -3.59 -0.09	66.84 -3.58 -0.10	67.32 -3.31 -0.09	68.88 -2.41 -0.36	76.98 -3.11 -0.50	99.10 -7.76 -0.47	123.85 -12.20 -1.98	134.92 -13.07 -1.18	97.90 -6.38 -6.10	92.87 -7.46 -3.39	84.41 -7.84 -1.10	78.11 -7.02 -4.43	73.95 -6.22 -5.19	71.27 -6.45 -6.87	75.05 -6.29 -9.82	92.85 -9.07 -5.45	102.17 -8.33 -13.66	105.74 -7.96 -16.66	96.90 -8.61 -8.77	96.38 -8.43 -7.97	88.38 -7.28 -10.06	91.77 -7.59 -4.58	81.41 -5.20 -6.54
OSWEGATCHIE___HYD 24044	71.55 0.71 0.00	71.32 0.85 0.00	71.24 0.91 0.00	71.40 0.85 0.00	71.56 0.64 0.00	80.71 1.11 0.00	108.91 2.45 -0.08	138.14 3.09 -0.99	149.59 2.78 0.00	99.66 0.49 -0.99	98.75 1.26 -0.55	92.34 1.00 -0.18	82.47 1.05 -0.72	76.64 0.83 -0.84	72.81 0.85 -1.11	73.76 0.64 -1.59	99.44 1.16 -1.81	100.59 1.54 -2.21	101.38 1.65 -2.69	100.20 1.25 -2.20	100.16 1.36 -1.97	88.50 1.29 -1.63	97.42 1.89 -0.74	83.29 2.16 -1.06
OSWEGO___5 23606	68.57 -2.27 0.00	68.00 -2.47 0.00	67.80 -2.53 0.00	68.15 -2.40 0.00	68.72 -2.20 0.00	77.12 -2.47 0.00	103.09 -3.51 -0.21	131.97 -4.82 -2.73	141.38 -5.43 0.00	98.06 -2.85 -2.73	95.36 -3.11 -1.52	88.45 -3.19 -0.49	79.86 -2.83 -1.98	74.75 -2.55 -2.33	71.44 -2.48 -3.08	73.57 -2.36 -4.40	98.20 -3.28 -5.01	99.86 -3.10 -6.12	101.49 -3.01 -7.46	99.65 -3.19 -6.09	99.09 -3.19 -5.44	87.19 -2.91 -4.51	93.61 -3.22 -2.05	80.36 -2.64 -2.93

OSWEGO___6 23613	68.57 -2.27 0.00	68.00 -2.47 0.00	67.80 -2.53 0.00	68.15 -2.40 0.00	68.72 -2.20 0.00	77.12 -2.47 0.00	103.09 -3.51 -0.21	131.97 -4.82 -2.73	141.38 -5.43 0.00	98.06 -2.85 -2.73	95.36 -3.11 -1.52	88.45 -3.19 -0.49	79.86 -2.83 -1.98	74.75 -2.55 -2.33	71.44 -2.48 -3.08	73.57 -2.36 -4.40	98.20 -3.28 -5.01	99.86 -3.10 -6.12	101.49 -3.01 -7.46	99.65 -3.19 -6.09	99.09 -3.19 -5.44	87.19 -2.91 -4.51	93.61 -3.22 -2.05	80.36 -2.64 -2.93
OUTOKUMPU-AB___DRP 24206	67.15 -3.68 0.00	66.03 -4.44 0.00	65.90 -4.43 0.00	66.31 -4.23 0.00	67.09 -3.83 0.00	75.06 -4.54 0.00	96.69 -10.11 -0.41	120.58 -15.95 -2.47	130.05 -17.76 -1.01	94.42 -9.03 -5.27	90.96 -8.92 -2.93	82.99 -9.12 -0.95	76.38 -8.15 -3.83	72.42 -7.05 -4.49	69.48 -7.30 -5.93	72.79 -7.22 -8.48	91.14 -11.09 -5.77	98.09 -10.56 -11.80	101.15 -10.29 -14.39	93.99 -11.22 -8.47	93.46 -11.04 -7.66	85.04 -9.24 -8.70	89.07 -9.67 -3.96	79.16 -6.57 -5.65
OXBOW___BTM 323836	66.30 -4.54 0.00	65.18 -5.29 0.00	65.05 -5.28 0.00	65.54 -5.01 0.00	66.95 -3.97 0.00	74.26 -5.33 0.00	95.84 -10.96 -0.41	119.13 -17.43 -2.49	128.28 -19.52 -1.00	94.59 -8.84 -5.24	90.07 -9.79 -2.92	82.25 -9.85 -0.94	75.63 -8.88 -3.81	71.72 -7.72 -4.46	68.88 -7.87 -5.90	72.10 -7.87 -8.44	90.20 -12.06 -5.79	97.06 -11.53 -11.74	100.10 -11.26 -14.32	93.12 -12.10 -8.47	92.48 -12.01 -7.65	84.23 -10.01 -8.65	88.29 -10.43 -3.94	78.57 -7.13 -5.63
OXBOW___ 24026	66.30 -4.53 0.00	65.18 -5.29 0.00	65.06 -5.27 0.00	65.54 -5.01 0.00	66.24 -4.68 0.00	74.26 -5.33 0.00	95.83 -10.96 -0.41	119.12 -17.43 -2.48	128.14 -19.67 -1.00	93.49 -9.92 -5.23	90.06 -9.79 -2.91	82.25 -9.84 -0.94	75.63 -8.88 -3.80	71.71 -7.72 -4.46	68.87 -7.86 -5.89	72.08 -7.87 -8.42	90.28 -11.96 -5.77	97.04 -11.52 -11.72	100.07 -11.26 -14.29	93.10 -12.09 -8.45	92.46 -12.01 -7.63	84.21 -10.01 -8.63	88.28 -10.43 -3.93	78.48 -7.21 -5.61
OXY_CHEM_DSASP 323612	65.81 -5.03 0.00	64.69 -5.78 0.00	64.56 -5.77 0.00	65.04 -5.50 0.00	65.82 -5.11 0.00	73.70 -5.89 0.00	95.30 -11.49 -0.40	118.19 -18.37 -2.49	126.95 -20.85 -1.00	92.87 -10.51 -5.19	89.46 -10.37 -2.89	81.70 -10.39 -0.93	75.27 -9.20 -3.77	71.30 -8.10 -4.42	68.48 -8.22 -5.85	71.66 -8.23 -8.36	89.79 -12.44 -5.77	96.37 -12.10 -11.63	99.38 -11.84 -14.18	92.49 -12.67 -8.42	91.86 -12.59 -7.61	83.72 -10.44 -8.57	87.88 -10.80 -3.90	78.12 -7.53 -5.57
OZONE_PARK_ESR 323760	76.35 4.60 -0.91	75.07 4.23 -0.37	74.81 4.08 -0.40	75.14 4.23 -0.36	76.80 4.40 -1.48	86.54 4.93 -2.02	116.42 7.66 -2.38	174.64 9.92 -30.65	164.22 11.89 -5.52	137.38 8.54 -30.65	122.43 8.43 -17.06	107.59 7.84 -8.59	109.91 6.94 -22.27	107.54 6.45 -26.12	111.54 6.16 -34.53	127.13 6.22 -49.38	160.59 7.91 -56.21	173.77 8.23 -68.70	189.15 8.35 -83.76	173.45 8.13 -68.58	166.19 8.23 -61.12	143.39 7.19 -50.61	125.58 7.77 -23.03	118.83 5.85 -32.91
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	65.81 -5.03 0.00	64.69 -5.78 0.00	64.56 -5.77 0.00	65.04 -5.50 0.00	65.82 -5.11 0.00	73.70 -5.89 0.00	95.30 -11.49 -0.40	118.19 -18.37 -2.49	126.95 -20.85 -1.00	92.87 -10.51 -5.19	89.46 -10.37 -2.89	81.70 -10.39 -0.93	75.27 -9.20 -3.77	71.30 -8.10 -4.42	68.48 -8.22 -5.85	71.66 -8.23 -8.36	89.79 -12.44 -5.77	96.37 -12.10 -11.63	99.38 -11.84 -14.18	92.49 -12.67 -8.42	91.86 -12.59 -7.61	83.72 -10.44 -8.57	87.88 -10.80 -3.90	78.12 -7.53 -5.57
PACKARD___115KV_DUPONT_184 80571	65.81 -5.03 0.00	64.69 -5.78 0.00	64.56 -5.77 0.00	65.04 -5.50 0.00	65.82 -5.11 0.00	73.70 -5.89 0.00	95.30 -11.49 -0.40	118.19 -18.37 -2.49	126.95 -20.85 -1.00	92.87 -10.51 -5.19	89.46 -10.37 -2.89	81.70 -10.39 -0.93	75.27 -9.20 -3.77	71.30 -8.10 -4.42	68.48 -8.22 -5.85	71.66 -8.23 -8.36	89.79 -12.44 -5.77	96.37 -12.10 -11.63	99.38 -11.84 -14.18	92.49 -12.67 -8.42	91.86 -12.59 -7.61	83.72 -10.44 -8.57	87.88 -10.80 -3.90	78.12 -7.53 -5.57
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	76.00 4.25 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.51 3.90 -2.02	115.04 6.28 -2.38	173.03 8.31 -30.66	162.75 10.42 -5.52	136.40 7.56 -30.65	121.66 7.66 -17.06	106.95 7.20 -8.59	109.35 6.38 -22.27	107.02 5.92 -26.12	110.97 5.60 -34.53	126.56 5.65 -49.38	159.63 6.95 -56.21	172.62 7.07 -68.71	187.99 7.18 -83.77	172.39 7.06 -68.58	165.33 7.36 -61.13	142.80 6.59 -50.62	125.02 7.20 -23.03	118.51 5.52 -32.91
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	76.64 4.89 -0.91	75.21 4.37 -0.37	74.88 4.15 -0.40	75.28 4.37 -0.36	76.95 4.54 -1.48	86.15 4.54 -2.02	115.89 7.13 -2.38	174.11 9.38 -30.66	163.92 11.60 -5.52	137.08 8.25 -30.65	122.34 8.34 -17.06	107.58 7.84 -8.59	109.83 6.86 -22.27	107.54 6.45 -26.12	111.54 6.16 -34.53	127.06 6.15 -49.38	160.31 7.62 -56.21	173.39 7.84 -68.71	188.67 7.86 -83.77	173.07 7.74 -68.58	166.01 8.04 -61.13	143.40 7.19 -50.62	125.78 7.96 -23.03	119.07 6.09 -32.91
PATROON___115KV_TB1 80586	80.38 3.33 -6.21	76.19 3.17 -2.55	76.15 3.09 -2.72	76.20 3.17 -2.48	84.35 3.33 -10.10	96.97 3.66 -13.72	114.29 5.00 -2.90	176.44 4.96 -37.41	169.63 6.02 -16.81	139.91 4.32 -37.41	122.12 4.36 -20.82	102.64 4.19 -7.29	111.51 3.63 -27.18	110.30 3.45 -31.88	116.10 3.12 -42.14	134.80 3.00 -60.26	169.12 4.05 -68.60	184.76 4.07 -83.85	203.25 3.98 -102.23	184.66 3.97 -83.95	175.31 3.87 -74.60	150.69 3.34 -61.77	126.97 4.08 -28.11	123.44 3.20 -40.17
PATTRSNVILLE___SOLAR 323815	84.62 3.54 -10.24	78.12 3.45 -4.20	78.19 3.38 -4.49	78.09 3.46 -4.08	91.19 3.62 -16.65	106.27 4.06 -22.62	114.97 5.53 -3.05	180.02 6.57 -39.39	179.58 7.63 -25.15	142.47 4.91 -39.39	123.32 4.46 -21.92	102.62 3.92 -7.55	113.03 3.71 -28.61	111.99 3.45 -33.56	118.40 3.19 -44.37	138.34 3.36 -63.45	173.52 4.82 -72.22	190.25 5.13 -88.28	209.81 5.14 -107.63	190.35 5.03 -88.58	180.41 5.03 -78.54	154.90 4.28 -65.03	129.11 4.74 -29.59	126.36 4.00 -42.29
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	68.29 -2.55 0.00	67.16 -3.31 0.00	67.09 -3.24 0.00	67.44 -3.10 0.00	68.30 -2.62 0.00	76.89 -2.71 0.00	96.51 -10.32 -0.44	121.38 -15.15 -2.47	134.54 -13.36 -1.10	94.93 -8.93 -5.68	91.09 -9.02 -3.16	82.97 -9.21 -1.02	76.52 -8.31 -4.13	72.47 -7.35 -4.84	69.73 -7.51 -6.40	73.31 -7.37 -9.15	91.52 -10.90 -5.95	99.21 -10.36 -12.73	102.47 -10.09 -15.52	94.81 -10.84 -8.90	94.15 -10.75 -8.06	85.81 -9.16 -9.38	89.29 -9.76 -4.27	79.12 -7.05 -6.10
PAWLING_115_KV_BK3_REV_LBMP_H 345028	76.60 4.82 -0.94	75.37 4.51 -0.39	75.10 4.36 -0.41	75.44 4.51 -0.38	77.28 4.82 -1.53	87.17 5.49 -2.08	116.87 8.09 -2.40	175.53 10.46 -31.01	164.46 12.04 -5.62	137.54 8.35 -31.01	122.34 8.14 -17.25	105.67 7.57 -6.95	110.01 6.78 -22.53	107.70 6.30 -26.42	111.73 5.95 -34.93	127.63 6.15 -49.95	161.53 8.20 -56.86	174.86 8.52 -69.50	190.51 8.73 -84.73	174.73 8.61 -69.37	167.20 8.52 -61.83	144.15 7.36 -51.20	126.14 8.06 -23.30	119.45 6.09 -33.29
PEEKSKILL___ 23653	75.57 3.82 -0.91	74.16 3.31 -0.37	73.90 3.17 -0.40	74.23 3.32 -0.36	75.95 3.54 -1.48	85.50 3.90 -2.01	114.68 5.95 -2.34	171.85 7.64 -30.15	161.32 9.11 -5.42	134.81 6.48 -30.15	120.12 6.40 -16.78	105.81 5.92 -8.74	107.85 5.24 -21.90	105.54 4.87 -25.69	109.48 4.67 -33.96	124.89 4.79 -48.57	157.84 6.08 -55.29	170.71 6.29 -67.58	185.83 6.40 -82.39	170.48 6.28 -67.45	163.25 6.29 -60.12	140.93 5.56 -49.78	123.41 5.97 -22.65	116.84 4.40 -32.37

PGE MADISON___WINDPWR 24146	77.18 5.74 -0.61	76.01 5.29 -0.25	76.15 5.55 -0.27	76.64 5.85 -0.24	78.16 6.24 -0.99	88.82 7.88 -1.35	117.78 10.64 -0.75	162.11 13.68 -14.36	164.05 14.68 -2.57	117.91 10.02 -9.70	110.77 8.43 -5.40	99.92 7.02 -1.75	93.73 5.97 -7.05	88.41 5.17 -8.27	86.66 4.88 -10.93	92.74 5.58 -15.63	129.33 8.58 -24.28	128.18 9.59 -21.75	133.65 10.09 -26.52	133.28 9.29 -27.25	130.42 9.50 -24.09	109.32 7.71 -16.02	110.31 8.24 -7.29	97.61 7.12 -10.42
PIERCEFIELD___HYD 23852	70.84 0.00 0.00	70.96 0.49 0.00	70.89 0.56 0.00	70.97 0.42 0.00	70.99 0.07 0.00	79.67 0.08 0.00	107.60 1.17 -0.04	136.05 1.47 -0.52	147.69 0.88 0.00	98.11 -0.59 -0.52	97.33 0.10 -0.29	91.43 0.18 -0.09	81.56 0.48 -0.37	75.72 0.30 -0.44	71.85 0.43 -0.58	72.14 -0.21 -0.83	97.13 -0.29 -0.94	97.80 -0.19 -1.15	98.16 -0.29 -1.41	97.31 -0.58 -1.15	97.48 -0.39 -1.03	86.36 -0.09 -0.85	96.02 0.85 -0.39	82.23 1.60 -0.55
PINELAWN_CC_1 323563	106.57 6.02 -29.72	100.10 5.64 -23.99	91.24 5.49 -15.42	92.93 5.65 -16.74	91.16 5.88 -14.35	97.04 6.60 -10.84	146.27 9.78 -30.10	176.91 12.20 -30.64	165.98 13.66 -5.52	138.45 9.63 -30.64	123.50 9.51 -17.05	108.42 8.66 -8.61	110.63 7.67 -22.25	108.35 7.27 -26.10	112.30 6.95 -34.51	137.61 7.37 -58.72	161.92 9.26 -56.18	209.02 9.78 -102.40	207.58 9.80 -100.75	197.98 9.58 -91.66	171.97 9.68 -65.44	152.59 8.56 -58.45	140.10 9.29 -36.03	136.68 7.21 -49.39
PJM_GEN_HTP_PROXY 323702	75.79 4.04 -0.91	74.65 3.80 -0.37	74.31 3.58 -0.40	74.72 3.81 -0.36	76.38 3.97 -1.48	85.98 4.37 -2.02	115.58 6.81 -2.38	173.56 8.85 -30.65	162.75 10.42 -5.52	136.39 7.56 -30.65	121.56 7.57 -17.05	106.77 7.02 -8.60	109.18 6.21 -22.26	106.86 5.77 -26.11	110.90 5.53 -34.52	126.48 5.58 -49.37	159.62 6.95 -56.20	172.80 7.27 -68.69	188.16 7.37 -83.75	172.47 7.16 -68.56	165.12 7.17 -61.11	142.52 6.33 -50.60	124.64 6.83 -23.03	118.02 5.05 -32.91
PJM_GEN_KEystone 24065	51.52 -0.28 19.03	51.60 -0.70 18.17	50.14 -0.77 19.42	50.68 -0.57 19.30	55.02 -0.14 15.76	63.87 -0.32 15.40	80.00 -1.81 24.58	90.76 -3.08 40.23	78.69 -2.50 65.62	70.58 -0.59 27.02	65.60 -0.97 30.38	63.74 -1.28 26.14	60.25 -1.13 19.32	58.92 -0.90 15.16	56.00 -0.99 13.86	56.30 -0.93 14.30	65.80 -1.84 28.84	80.95 -1.45 14.44	80.65 -1.26 15.13	75.44 -1.74 19.57	73.20 -1.65 21.99	70.85 -1.37 13.37	64.80 -1.42 28.56	61.00 -1.12 17.95
PJM_GEN_NEPTUNE_PROXY 323594	92.16 4.82 -16.50	88.14 4.51 -13.15	83.22 4.36 -8.53	84.29 4.52 -9.23	84.12 4.75 -8.45	91.72 5.33 -6.79	131.64 7.87 -17.38	174.62 9.92 -30.64	163.63 11.30 -5.52	136.87 8.05 -30.64	122.03 8.04 -17.05	107.24 7.48 -8.61	109.58 6.62 -22.25	107.30 6.22 -26.10	111.31 5.95 -34.51	132.10 6.15 -54.42	160.27 7.62 -56.18	191.11 8.03 -86.24	197.53 8.15 -92.33	185.33 7.93 -80.65	167.10 8.03 -62.22	147.52 7.10 -54.83	132.51 7.67 -30.06	127.74 5.84 -41.82
PJM_GEN_VFT_PROXY 323633	54.09 3.54 20.29	54.09 3.24 19.62	54.09 3.02 19.26	54.09 3.25 19.70	54.09 3.40 20.24	54.09 3.74 29.24	69.98 6.06 42.47	94.19 7.91 47.78	89.44 9.54 66.90	66.29 6.97 38.86	62.47 6.98 41.46	60.01 6.47 37.62	56.79 5.73 29.65	54.54 5.32 25.76	54.10 5.03 21.78	55.84 5.15 20.84	41.01 6.37 61.82	40.19 6.68 63.33	51.19 6.69 52.54	40.19 6.58 63.14	40.19 6.68 63.33	40.19 5.82 51.22	66.36 6.25 34.67	57.69 4.48 26.86
PLATSBURG_115KV_PMLD1 355749	70.77 -0.07 0.00	70.82 0.35 0.00	70.68 0.35 0.00	70.83 0.28 0.00	70.85 -0.07 0.00	79.59 0.00 0.00	105.22 -1.17 0.00	133.53 -0.54 0.00	145.92 -0.88 0.00	97.20 -0.98 0.00	96.27 -0.68 0.00	90.79 -0.36 0.00	80.54 -0.16 0.00	74.45 -0.52 0.00	70.14 -0.71 0.00	70.81 -0.72 0.00	96.09 -0.39 0.00	96.74 -0.10 0.00	96.85 -0.19 0.00	96.36 -0.39 0.00	96.36 -0.48 0.00	84.99 -0.60 0.00	93.93 -0.85 0.00	80.47 0.40 0.00
PLEASANTVLY___LBMP 24000	75.57 3.75 -0.98	74.32 3.45 -0.40	74.06 3.31 -0.43	74.39 3.46 -0.39	76.13 3.62 -1.59	85.89 4.14 -2.16	115.05 6.17 -2.49	173.85 7.64 -32.15	161.73 9.10 -5.83	136.91 6.58 -32.14	121.33 6.50 -17.89	104.69 5.92 -7.61	109.30 5.25 -23.35	107.31 4.95 -27.39	111.73 4.68 -36.21	128.10 4.79 -51.78	161.50 6.08 -58.95	175.18 6.29 -72.05	191.29 6.40 -87.84	174.85 6.19 -71.92	167.24 6.29 -64.10	144.23 5.56 -53.07	124.91 5.97 -24.15	119.15 4.56 -34.51
PLSNTVLE_13_KV_13.8KVDIST 80602	75.81 4.04 -0.93	74.59 3.73 -0.38	74.32 3.59 -0.41	74.66 3.74 -0.37	76.41 3.97 -1.51	86.10 4.46 -2.05	115.50 6.70 -2.41	173.70 8.58 -31.06	162.68 10.28 -5.60	136.50 7.27 -31.06	121.50 7.27 -17.28	106.10 6.65 -8.29	109.16 5.89 -22.56	106.91 5.47 -26.46	111.07 5.24 -34.98	126.85 5.29 -50.03	160.27 6.85 -56.95	173.52 7.07 -69.61	189.09 7.18 -84.87	173.19 6.97 -69.48	165.84 7.07 -61.93	143.03 6.16 -51.28	124.75 6.63 -23.34	118.46 5.04 -33.35
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	75.81 4.04 -0.93	74.59 3.73 -0.38	74.32 3.59 -0.41	74.66 3.74 -0.37	76.41 3.97 -1.51	86.10 4.46 -2.05	115.50 6.70 -2.41	173.70 8.58 -31.06	162.68 10.28 -5.60	136.50 7.27 -31.06	121.50 7.27 -17.28	106.10 6.65 -8.29	109.16 5.89 -22.56	106.91 5.47 -26.46	111.07 5.24 -34.98	126.85 5.29 -50.03	160.27 6.85 -56.95	173.52 7.07 -69.61	189.09 7.18 -84.87	173.19 6.97 -69.48	165.84 7.07 -61.93	143.03 6.16 -51.28	124.75 6.63 -23.34	118.46 5.04 -33.35
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	76.11 4.25 -1.02	74.90 4.02 -0.42	74.57 3.80 -0.45	74.90 3.95 -0.41	76.76 4.18 -1.66	86.70 4.86 -2.25	115.94 7.13 -2.42	173.89 8.58 -31.24	162.43 9.84 -5.79	136.39 6.97 -31.24	121.11 6.79 -17.38	103.74 6.20 -6.39	108.96 5.57 -22.69	106.84 5.25 -26.62	110.99 4.96 -35.19	127.00 5.15 -50.32	160.41 6.66 -57.28	173.83 6.97 -70.02	189.58 7.18 -85.36	173.60 6.97 -69.89	166.10 6.97 -62.29	143.24 6.08 -51.58	124.89 6.63 -23.47	118.74 5.12 -33.54
POLETTI___ 23519	75.65 3.90 -0.91	74.37 3.52 -0.37	74.11 3.38 -0.40	74.44 3.53 -0.36	76.17 3.76 -1.48	85.75 4.14 -2.02	115.36 6.60 -2.38	173.30 8.58 -30.65	162.60 10.28 -5.52	136.30 7.46 -30.65	121.46 7.46 -17.06	106.67 6.93 -8.59	109.10 6.13 -22.27	106.79 5.70 -26.12	110.76 5.38 -34.53	126.41 5.51 -49.38	159.42 6.75 -56.19	166.50 6.97 -62.69	177.51 7.08 -73.39	166.51 6.87 -62.89	164.94 6.97 -61.12	142.36 6.16 -50.61	124.45 6.63 -23.03	117.87 4.88 -32.91
POMONA___ESR 323819	74.87 3.19 -0.85	73.78 2.96 -0.35	73.52 2.82 -0.37	73.85 2.96 -0.34	75.49 3.19 -1.38	84.96 3.50 -1.87	114.06 5.42 -2.25	169.98 6.83 -29.09	160.07 8.07 -5.20	133.16 5.89 -29.08	118.94 5.82 -16.18	97.24 5.28 -0.80	106.51 4.68 -21.13	104.18 4.42 -24.78	107.79 4.18 -32.76	122.67 4.29 -46.85	155.30 5.50 -53.33	167.74 5.71 -65.19	182.34 5.82 -79.47	167.52 5.71 -65.06	160.55 5.71 -57.99	138.57 4.96 -48.02	122.03 5.40 -21.85	115.30 4.00 -31.23
PORT_JEFF_3 23555	107.29 6.73 -29.72	100.73 6.27 -23.99	91.80 6.05 -15.42	93.56 6.28 -16.74	91.80 6.52 -14.35	97.84 7.40 -10.84	147.45 10.96 -30.10	178.30 13.53 -30.70	167.51 15.12 -5.58	139.33 10.51 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.20 8.24 -22.25	108.88 7.80 -26.10	112.86 7.51 -34.51	138.33 8.08 -58.72	162.84 10.13 -56.24	228.54 10.46 -121.23	224.66 10.28 -117.33	209.76 10.16 -102.86	206.57 10.37 -99.36	153.42 9.33 -58.50	141.05 10.24 -36.03	137.55 8.08 -49.39

PORT_JEFF_4 23616	107.29 6.73 -29.72	100.73 6.27 -23.99	91.80 6.05 -15.42	93.56 6.28 -16.74	91.80 6.52 -14.35	97.84 7.40 -10.84	147.45 10.96 -30.10	178.30 13.53 -30.70	167.51 15.12 -5.58	139.33 10.51 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.20 8.24 -22.25	108.88 7.80 -26.10	112.86 7.51 -34.51	138.33 8.08 -58.72	162.84 10.13 -56.24	228.54 10.46 -121.23	224.66 10.28 -117.33	209.76 10.16 -102.86	206.57 10.37 -99.36	153.42 9.33 -58.50	141.05 10.24 -36.03	137.55 8.08 -49.39
PORT_JEFF_IC 23713	107.29 6.73 -29.72	100.73 6.27 -23.99	91.80 6.05 -15.42	93.57 6.28 -16.74	91.73 6.45 -14.35	97.92 7.48 -10.84	147.55 11.06 -30.10	178.45 13.67 -30.71	167.80 15.41 -5.59	139.52 10.70 -30.63	124.27 10.28 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.95 7.87 -26.10	112.86 7.51 -34.51	138.40 8.15 -58.72	162.94 10.23 -56.25	231.18 10.46 -123.88	227.08 10.38 -119.66	211.43 10.25 -104.43	211.32 10.36 -104.12	153.51 9.41 -58.51	141.14 10.33 -36.03	137.63 8.17 -49.39
PPL_PILGRIM_ST_GT1 24216	107.36 6.80 -29.72	100.87 6.41 -23.99	91.94 6.19 -15.42	93.71 6.42 -16.74	91.94 6.66 -14.35	97.92 7.48 -10.84	147.65 11.17 -30.10	177.99 13.28 -30.65	167.60 15.27 -5.53	139.43 10.61 -30.64	124.46 10.47 -17.05	109.42 9.66 -8.61	111.43 8.47 -22.25	109.11 8.03 -26.10	113.08 7.72 -34.51	138.47 8.22 -58.72	162.79 10.13 -56.19	212.51 10.56 -105.11	210.46 10.28 -103.14	200.17 10.16 -93.27	177.63 10.46 -70.33	153.29 9.25 -58.45	141.23 10.43 -36.03	137.64 8.17 -49.39
PPL_PILGRIM_ST_GT2 24217	107.36 6.80 -29.72	100.87 6.41 -23.99	91.94 6.19 -15.42	93.71 6.42 -16.74	91.94 6.66 -14.35	97.92 7.48 -10.84	147.65 11.17 -30.10	177.99 13.28 -30.65	167.60 15.27 -5.53	139.43 10.61 -30.64	124.46 10.47 -17.05	109.42 9.66 -8.61	111.43 8.47 -22.25	109.11 8.03 -26.10	113.08 7.72 -34.51	138.47 8.22 -58.72	162.79 10.13 -56.19	212.51 10.56 -105.11	210.46 10.28 -103.14	200.17 10.16 -93.27	177.63 10.46 -70.33	153.29 9.25 -58.45	141.23 10.43 -36.03	137.64 8.17 -49.39
PPL_SHRM_GT3 24213	107.50 6.95 -29.72	100.94 6.48 -23.99	92.01 6.26 -15.42	93.77 6.49 -16.74	92.02 6.74 -14.35	98.08 7.64 -10.84	147.98 11.49 -30.10	178.84 14.07 -30.70	168.10 15.72 -5.58	139.52 10.70 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.95 7.87 -26.10	112.86 7.51 -34.51	138.47 8.22 -58.72	163.13 10.42 -56.24	228.80 10.84 -121.11	224.94 10.67 -117.23	210.27 10.74 -102.79	206.92 10.94 -99.14	153.68 9.58 -58.50	141.23 10.43 -36.03	137.79 8.33 -49.39
PPL_SHRM_GT4 24214	107.50 6.95 -29.72	100.94 6.48 -23.99	92.01 6.26 -15.42	93.77 6.49 -16.74	92.02 6.74 -14.35	98.08 7.64 -10.84	147.98 11.49 -30.10	178.84 14.07 -30.70	168.10 15.72 -5.58	139.52 10.70 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.95 7.87 -26.10	112.86 7.51 -34.51	138.47 8.22 -58.72	163.13 10.42 -56.24	228.80 10.84 -121.11	224.94 10.67 -117.23	210.27 10.74 -102.79	206.92 10.94 -99.14	153.68 9.58 -58.50	141.23 10.43 -36.03	137.79 8.33 -49.39
PROJECT___ORANGE 1 24174	69.42 -1.42 0.00	68.71 -1.76 0.00	68.50 -1.83 0.00	68.78 -1.76 0.00	69.43 -1.49 0.00	78.08 -1.51 0.00	104.30 -2.34 -0.26	134.28 -3.08 -3.30	143.28 -3.52 0.00	99.91 -1.57 -3.30	97.13 -1.65 -1.84	89.74 -2.01 -0.59	81.33 -1.78 -2.40	76.29 -1.50 -2.81	73.08 -1.49 -3.72	75.49 -1.36 -5.32	100.40 -2.12 -6.05	102.30 -1.94 -7.40	104.41 -1.65 -9.02	102.08 -2.03 -7.37	101.49 -1.94 -6.58	89.16 -1.88 -5.45	95.08 -2.18 -2.48	81.77 -1.84 -3.54
PROJECT___ORANGE 2 24166	69.42 -1.42 0.00	68.71 -1.76 0.00	68.50 -1.83 0.00	68.78 -1.76 0.00	69.43 -1.49 0.00	78.08 -1.51 0.00	104.30 -2.34 -0.26	134.28 -3.08 -3.30	143.28 -3.52 0.00	99.91 -1.57 -3.30	97.13 -1.65 -1.84	89.74 -2.01 -0.59	81.33 -1.78 -2.40	76.29 -1.50 -2.81	73.08 -1.49 -3.72	75.49 -1.36 -5.32	100.40 -2.12 -6.05	102.30 -1.94 -7.40	104.41 -1.65 -9.02	102.08 -2.03 -7.37	101.49 -1.94 -6.58	89.16 -1.88 -5.45	95.08 -2.18 -2.48	81.77 -1.84 -3.54
PUCKETT___SOLAR 323809	72.91 1.56 -0.52	71.81 1.12 -0.21	71.75 1.19 -0.23	72.02 1.27 -0.21	73.46 1.70 -0.84	82.80 2.07 -1.14	109.20 2.02 -0.80	146.67 2.28 -10.32	151.84 2.65 -2.40	110.66 2.16 -10.32	104.05 1.36 -5.74	93.65 0.64 -1.86	88.69 0.49 -7.50	84.30 0.53 -8.80	82.90 0.43 -11.63	88.95 0.79 -16.63	116.75 1.35 -18.93	121.91 1.94 -23.14	127.58 2.33 -28.21	121.69 1.83 -23.11	119.36 1.94 -20.59	104.09 1.45 -17.04	104.05 1.51 -7.76	92.43 1.28 -11.08
PYRITES___HYD 24023	71.90 1.06 0.00	72.02 1.55 0.00	72.09 1.76 0.00	72.17 1.62 0.00	72.13 1.21 0.00	81.02 1.43 0.00	109.05 2.66 0.00	137.95 3.89 0.00	150.18 3.38 0.00	99.07 0.88 0.00	98.21 1.26 0.00	92.43 1.28 0.00	82.16 1.45 0.00	76.03 1.05 0.00	72.05 1.20 0.00	72.24 0.72 0.00	97.73 1.25 0.00	98.20 1.36 0.00	98.30 1.26 0.00	97.81 1.06 0.00	98.00 1.16 0.00	86.79 1.20 0.00	96.77 1.99 0.00	82.63 2.56 0.00
QUAKERRD_115KV_BK1 80622	67.30 -3.54 0.00	66.45 -4.02 0.00	66.18 -4.15 0.00	66.53 -4.02 0.00	67.31 -3.62 0.00	75.77 -3.82 0.00	100.86 -5.85 -0.33	127.58 -9.12 -2.63	136.44 -11.16 -0.79	97.08 -5.30 -4.20	93.95 -5.33 -2.34	86.26 -5.65 -0.76	78.91 -4.84 -3.05	74.21 -4.35 -3.58	71.19 -4.39 -4.73	74.08 -4.22 -6.77	95.92 -6.08 -5.52	100.54 -5.71 -9.42	103.09 -5.43 -11.48	98.29 -6.00 -7.54	97.71 -5.91 -6.78	87.30 -5.22 -6.94	92.44 -5.50 -3.16	80.50 -4.08 -4.51
QUENSBRY_115KV_TB8 356137	86.68 6.23 -9.61	80.54 6.13 -3.94	80.66 6.12 -4.21	80.58 6.21 -3.83	92.85 6.31 -15.62	107.97 7.16 -21.22	116.70 7.34 -2.97	181.12 8.71 -38.35	181.14 10.28 -24.06	143.20 6.68 -38.34	124.77 6.50 -21.33	104.23 5.65 -7.42	113.48 4.92 -27.85	112.07 4.42 -32.67	118.07 4.04 -43.19	137.44 4.15 -61.77	172.76 5.98 -70.31	189.17 6.39 -85.94	208.22 6.40 -104.77	189.35 6.39 -86.22	179.40 6.10 -76.46	154.29 5.39 -63.30	129.66 6.07 -28.81	128.13 6.89 -41.17
RAMAPO___LBMP 323565	74.65 2.98 -0.84	73.56 2.75 -0.34	73.30 2.60 -0.37	73.56 2.68 -0.33	75.19 2.91 -1.36	84.71 3.26 -1.85	113.74 5.11 -2.24	169.44 6.44 -28.94	159.75 7.78 -5.17	132.72 5.60 -28.94	118.48 5.43 -16.10	97.03 5.01 -0.86	106.17 4.44 -21.02	103.83 4.20 -24.66	107.41 3.97 -32.60	122.22 4.08 -46.62	154.75 5.21 -53.07	167.13 5.42 -64.87	181.65 5.53 -79.08	166.81 5.32 -64.74	159.97 5.42 -57.71	138.08 4.71 -47.78	121.64 5.12 -21.74	114.91 3.76 -31.07
RANKINE____ 23646	67.93 -2.90 0.00	66.73 -3.73 0.00	66.60 -3.73 0.00	67.09 -3.46 0.00	67.94 -2.98 0.00	76.33 -3.26 0.00	97.77 -9.04 -0.43	122.14 -14.34 -2.42	133.05 -14.83 -1.07	95.78 -7.95 -5.55	92.08 -7.95 -3.09	83.86 -8.29 -1.00	77.31 -7.42 -4.03	73.26 -6.45 -4.73	70.37 -6.73 -6.25	73.82 -6.65 -8.94	92.26 -10.03 -5.82	99.79 -9.49 -12.44	102.99 -9.22 -15.16	95.39 -10.06 -8.71	94.85 -9.88 -7.88	86.45 -8.30 -9.16	90.23 -8.72 -4.17	80.11 -5.93 -5.96
RAVENSWOOD_GT2_1 24244	75.79 4.04 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	162.89 10.57 -5.52	136.50 7.66 -30.65	121.56 7.56 -17.06	106.76 7.02 -8.59	109.19 6.21 -22.27	106.94 5.85 -26.12	110.90 5.53 -34.53	126.49 5.58 -49.38	159.73 7.04 -56.21	172.81 7.26 -68.71	188.18 7.38 -83.77	172.49 7.16 -68.58	165.23 7.26 -61.13	142.62 6.42 -50.61	124.73 6.92 -23.03	118.19 5.20 -32.91

RAVENSWOOD_GT2_2 24245	75.79 4.04 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	162.89 10.57 -5.52	136.50 7.66 -30.65	121.56 7.56 -17.06	106.76 7.02 -8.59	109.19 6.21 -22.27	106.94 5.85 -26.12	110.90 5.53 -34.53	126.49 5.58 -49.38	159.73 7.04 -56.21	172.81 7.26 -68.71	188.18 7.38 -83.77	172.49 7.16 -68.58	165.23 7.26 -61.13	142.62 6.42 -50.61	124.73 6.92 -23.03	118.19 5.20 -32.91
RAVENSWOOD_GT2_3 24246	75.86 4.11 -0.91	74.58 3.73 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	121.66 7.66 -17.06	106.85 7.11 -8.59	109.27 6.29 -22.27	106.94 5.85 -26.12	110.97 5.60 -34.53	126.56 5.65 -49.38	159.73 7.04 -56.21	172.91 7.36 -68.71	188.18 7.38 -83.77	172.58 7.26 -68.58	165.33 7.36 -61.13	142.62 6.42 -50.61	124.73 6.92 -23.03	118.19 5.20 -32.91
RAVENSWOOD_GT2_4 24247	75.86 4.11 -0.91	74.58 3.73 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	121.66 7.66 -17.06	106.85 7.11 -8.59	109.27 6.29 -22.27	106.94 5.85 -26.12	110.97 5.60 -34.53	126.56 5.65 -49.38	159.73 7.04 -56.21	172.91 7.36 -68.71	188.18 7.38 -83.77	172.58 7.26 -68.58	165.33 7.36 -61.13	142.62 6.42 -50.61	124.73 6.92 -23.03	118.19 5.20 -32.91
RAVENSWOOD_GT3_1 24248	75.79 4.04 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	121.66 7.66 -17.06	106.85 7.11 -8.59	109.19 6.21 -22.27	106.94 5.85 -26.12	110.90 5.53 -34.53	126.49 5.58 -49.38	159.73 7.04 -56.21	172.81 7.26 -68.71	188.18 7.38 -83.77	172.49 7.16 -68.58	165.23 7.26 -61.13	142.62 6.42 -50.61	124.73 6.92 -23.03	118.19 5.20 -32.91
RAVENSWOOD_GT3_2 24249	75.79 4.04 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	163.04 10.72 -5.52	136.50 7.66 -30.65	121.66 7.66 -17.06	106.85 7.11 -8.59	109.19 6.21 -22.27	106.94 5.85 -26.12	110.90 5.53 -34.53	126.49 5.58 -49.38	159.73 7.04 -56.21	172.81 7.26 -68.71	188.18 7.38 -83.77	172.49 7.16 -68.58	165.23 7.26 -61.13	142.62 6.42 -50.61	124.73 6.92 -23.03	118.19 5.20 -32.91
RAVENSWOOD_GT3_3 24250	75.93 4.18 -0.91	74.65 3.81 -0.37	74.39 3.66 -0.40	74.72 3.81 -0.36	76.38 3.97 -1.48	86.07 4.46 -2.02	115.68 6.92 -2.38	173.70 8.98 -30.66	163.19 10.86 -5.52	136.59 7.76 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.38 -22.27	107.02 5.92 -26.12	111.05 5.67 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	173.01 7.46 -68.71	188.28 7.47 -83.77	172.68 7.35 -68.58	165.43 7.46 -61.13	142.71 6.50 -50.61	124.83 7.01 -23.03	118.27 5.28 -32.91
RAVENSWOOD_GT3_4 24251	75.93 4.18 -0.91	74.65 3.81 -0.37	74.39 3.66 -0.40	74.72 3.81 -0.36	76.38 3.97 -1.48	86.07 4.46 -2.02	115.68 6.92 -2.38	173.70 8.98 -30.66	163.19 10.86 -5.52	136.59 7.76 -30.65	121.76 7.76 -17.06	106.95 7.20 -8.59	109.35 6.38 -22.27	107.02 5.92 -26.12	111.05 5.67 -34.53	126.63 5.72 -49.38	159.82 7.14 -56.21	173.01 7.46 -68.71	188.28 7.47 -83.77	172.68 7.35 -68.58	165.43 7.46 -61.13	142.71 6.50 -50.61	124.83 7.01 -23.03	118.27 5.28 -32.91
RAVENSWOOD_GT_1 23729	76.07 4.32 -0.91	74.72 3.88 -0.37	74.39 3.66 -0.40	74.72 3.81 -0.36	76.45 4.04 -1.48	85.99 4.38 -2.02	115.68 6.92 -2.38	173.84 9.12 -30.66	164.41 11.30 -6.30	137.34 8.05 -31.11	122.05 8.05 -17.06	107.22 7.47 -8.59	109.59 6.62 -22.27	107.24 6.15 -26.12	111.26 5.88 -34.53	126.78 5.87 -49.38	160.12 7.43 -56.22	173.20 7.65 -68.71	188.57 7.76 -83.77	172.87 7.55 -68.58	165.72 7.75 -61.14	147.19 6.93 -54.67	126.13 7.39 -23.95	126.62 5.61 -40.95
RAVENSWOOD_GT_10 24258	75.79 4.04 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	162.89 10.57 -5.52	136.50 7.66 -30.65	121.56 7.56 -17.06	106.76 7.02 -8.59	109.19 6.21 -22.27	106.94 5.85 -26.12	110.90 5.53 -34.53	126.49 5.58 -49.38	159.73 7.04 -56.21	172.81 7.26 -68.71	188.18 7.38 -83.77	172.49 7.16 -68.58	165.23 7.26 -61.13	142.62 6.42 -50.61	124.73 6.92 -23.03	118.19 5.20 -32.91
RAVENSWOOD_GT_11 24259	75.79 4.04 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	162.89 10.57 -5.52	136.50 7.66 -30.65	121.56 7.56 -17.06	106.76 7.02 -8.59	109.19 6.21 -22.27	106.94 5.85 -26.12	110.90 5.53 -34.53	126.49 5.58 -49.38	159.73 7.04 -56.21	172.81 7.26 -68.71	188.18 7.38 -83.77	172.49 7.16 -68.58	165.23 7.26 -61.13	142.62 6.42 -50.61	124.73 6.92 -23.03	118.19 5.20 -32.91
RAVENSWOOD_GT_4 24252	75.79 4.04 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	163.49 10.57 -6.12	136.74 7.56 -31.00	121.56 7.56 -17.06	106.76 7.02 -8.59	109.19 6.21 -22.27	106.87 5.77 -26.12	110.90 5.53 -34.53	126.49 5.58 -49.38	159.64 6.95 -56.22	172.81 7.26 -68.71	188.09 7.28 -83.77	172.49 7.16 -68.58	165.14 7.17 -61.14	145.61 6.33 -53.69	125.34 6.82 -23.73	124.23 5.12 -39.03
RAVENSWOOD_GT_5 24254	75.79 4.04 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	163.49 10.57 -6.12	136.74 7.56 -31.00	121.56 7.56 -17.06	106.76 7.02 -8.59	109.19 6.21 -22.27	106.87 5.77 -26.12	110.90 5.53 -34.53	126.49 5.58 -49.38	159.64 6.95 -56.22	172.81 7.26 -68.71	188.09 7.28 -83.77	172.49 7.16 -68.58	165.14 7.17 -61.14	145.61 6.33 -53.69	125.34 6.82 -23.73	124.23 5.12 -39.03
RAVENSWOOD_GT_6 24253	75.79 4.04 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	163.49 10.57 -6.12	136.74 7.56 -31.00	121.56 7.56 -17.06	106.76 7.02 -8.59	109.19 6.21 -22.27	106.87 5.77 -26.12	110.90 5.53 -34.53	126.49 5.58 -49.38	159.64 6.95 -56.22	172.81 7.26 -68.71	188.09 7.28 -83.77	172.49 7.16 -68.58	165.14 7.17 -61.14	145.61 6.33 -53.69	125.34 6.82 -23.73	124.23 5.12 -39.03
RAVENSWOOD_GT_7 24255	75.79 4.04 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	163.49 10.57 -6.12	136.74 7.56 -31.00	121.56 7.56 -17.06	106.76 7.02 -8.59	109.19 6.21 -22.27	106.87 5.77 -26.12	110.90 5.53 -34.53	126.49 5.58 -49.38	159.64 6.95 -56.22	172.81 7.26 -68.71	188.09 7.28 -83.77	172.49 7.16 -68.58	165.14 7.17 -61.14	145.61 6.33 -53.69	125.34 6.82 -23.73	124.23 5.12 -39.03
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	75.79 4.04 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	162.89 10.57 -5.52	136.50 7.66 -30.65	121.56 7.56 -17.06	106.76 7.02 -8.59	109.19 6.21 -22.27	106.94 5.85 -26.12	110.90 5.53 -34.53	126.49 5.58 -49.38	159.73 7.04 -56.21	172.81 7.26 -68.71	188.18 7.38 -83.77	172.49 7.16 -68.58	165.23 7.26 -61.13	142.62 6.42 -50.61	124.73 6.92 -23.03	118.19 5.20 -32.91

RAVENSWOOD_GT_9 24257	75.79 4.04 -0.91	74.58 3.73 -0.37	74.25 3.52 -0.40	74.58 3.67 -0.36	76.31 3.90 -1.48	85.99 4.38 -2.02	115.57 6.81 -2.38	173.57 8.85 -30.66	162.89 10.57 -5.52	136.50 7.66 -30.65	121.56 7.56 -17.06	106.76 7.02 -8.59	109.19 6.21 -22.27	106.94 5.85 -26.12	110.90 5.53 -34.53	126.49 5.58 -49.38	159.73 7.04 -56.21	172.81 7.26 -68.71	188.18 7.38 -83.77	172.49 7.16 -68.58	165.23 7.26 -61.13	142.62 6.42 -50.61	124.73 6.92 -23.03	118.19 5.20 -32.91
RAVENSWOOD___1 23533	76.00 4.25 -0.91	74.72 3.87 -0.37	74.38 3.65 -0.40	74.79 3.88 -0.36	76.45 4.04 -1.48	85.90 4.30 -2.02	115.58 6.81 -2.38	173.71 8.98 -30.66	163.48 11.15 -5.52	136.89 8.05 -30.66	121.95 7.95 -17.06	107.12 7.38 -8.59	109.51 6.53 -22.27	107.17 6.07 -26.12	111.19 5.81 -34.53	126.78 5.87 -49.39	160.02 7.33 -56.22	173.11 7.56 -68.71	188.48 7.66 -83.77	172.78 7.45 -68.59	165.72 7.75 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.44 5.45 -32.92
RAVENSWOOD___2 23534	75.93 4.18 -0.91	74.72 3.87 -0.37	74.38 3.65 -0.40	74.72 3.81 -0.36	76.45 4.04 -1.48	85.90 4.30 -2.02	115.58 6.81 -2.38	173.71 8.98 -30.66	163.48 11.15 -5.52	136.89 8.05 -30.66	121.95 7.95 -17.06	107.12 7.38 -8.59	109.51 6.53 -22.27	107.17 6.07 -26.12	111.12 5.74 -34.53	126.70 5.79 -49.39	160.02 7.33 -56.22	173.11 7.56 -68.71	188.48 7.66 -83.77	172.78 7.45 -68.59	165.62 7.65 -61.13	143.06 6.85 -50.62	125.11 7.30 -23.03	118.35 5.37 -32.92
RAVENSWOOD___3 23535	75.79 4.04 -0.91	74.65 3.80 -0.37	74.31 3.58 -0.40	74.72 3.81 -0.36	76.38 3.97 -1.48	85.98 4.37 -2.02	115.58 6.81 -2.38	173.57 8.85 -30.66	162.90 10.58 -5.52	136.50 7.66 -30.66	121.66 7.66 -17.06	106.86 7.11 -8.59	109.19 6.21 -22.27	106.95 5.85 -26.12	110.91 5.53 -34.53	126.50 5.58 -49.39	159.73 7.04 -56.22	172.82 7.27 -68.71	188.18 7.37 -83.77	172.49 7.16 -68.59	165.24 7.27 -61.13	142.63 6.42 -50.62	124.73 6.92 -23.03	118.12 5.13 -32.92
RAVENSWOOD___4 23820	75.93 4.18 -0.91	74.65 3.80 -0.37	74.38 3.65 -0.40	74.72 3.81 -0.36	76.38 3.97 -1.48	85.82 4.22 -2.02	115.47 6.71 -2.38	173.71 8.98 -30.66	162.57 11.02 -4.75	136.44 8.05 -30.21	121.85 7.85 -17.06	107.04 7.30 -8.59	109.43 6.46 -22.27	107.10 6.00 -26.12	111.12 5.74 -34.53	126.70 5.79 -49.39	159.92 7.24 -56.21	173.01 7.46 -68.71	188.39 7.57 -83.77	172.68 7.35 -68.59	165.61 7.65 -61.12	139.08 6.85 -46.64	124.21 7.30 -22.13	110.44 5.37 -25.00
RCPI_TRUST___DRP 24196	75.93 4.18 -0.91	74.72 3.88 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.45 4.04 -1.48	86.14 4.54 -2.02	115.78 7.02 -2.38	173.83 9.12 -30.65	163.19 10.86 -5.52	136.58 7.76 -30.64	121.85 7.85 -17.05	107.04 7.29 -8.60	109.42 6.46 -22.26	107.09 6.00 -26.11	111.03 5.67 -34.52	126.69 5.79 -49.37	159.90 7.24 -56.19	173.08 7.55 -68.69	188.35 7.57 -83.74	172.66 7.35 -68.56	165.31 7.36 -61.11	142.61 6.42 -50.60	124.82 7.01 -23.03	118.18 5.20 -32.90
RED___ROCHESTER 323720	68.85 -1.98 0.00	68.00 -2.47 0.00	67.66 -2.67 0.00	68.08 -2.47 0.00	69.22 -1.70 0.00	77.61 -1.99 0.00	102.99 -3.73 -0.34	129.67 -6.98 -2.58	138.81 -8.80 -0.81	99.86 -2.65 -4.32	96.05 -3.30 -2.41	88.11 -3.82 -0.78	80.62 -3.23 -3.14	75.89 -2.77 -3.68	72.75 -2.97 -4.87	75.70 -2.79 -6.97	97.63 -4.34 -5.50	102.75 -3.78 -9.69	105.37 -3.49 -11.82	100.19 -4.16 -7.61	99.62 -4.06 -6.85	89.14 -3.59 -7.14	94.43 -3.60 -3.25	82.47 -2.24 -4.64
REGAN___SOLAR 323812	86.57 6.16 -9.57	80.45 6.06 -3.92	80.50 5.97 -4.20	80.43 6.07 -3.82	92.73 6.24 -15.56	107.81 7.08 -21.14	119.35 9.78 -3.18	187.03 11.93 -41.04	183.78 13.36 -23.62	147.47 8.25 -41.04	127.14 7.36 -22.83	105.42 6.47 -7.79	116.57 6.06 -29.81	115.57 5.63 -34.97	122.31 5.24 -46.22	143.14 5.51 -66.11	180.11 8.39 -75.25	197.92 9.10 -91.98	218.21 9.03 -112.14	197.97 9.00 -92.23	187.48 8.81 -81.83	160.79 7.44 -67.75	133.77 8.15 -30.83	130.86 6.73 -44.06
RENSSELAER___COGEN 23796	78.74 2.97 -4.92	75.38 2.89 -2.02	75.30 2.82 -2.16	75.40 2.89 -1.96	81.97 3.05 -8.00	93.73 3.26 -10.87	113.62 4.36 -2.87	175.11 4.02 -37.03	164.30 4.84 -12.66	138.74 3.53 -37.02	121.03 3.48 -20.60	101.84 3.46 -7.23	110.59 2.99 -26.90	109.37 2.85 -31.55	115.03 2.48 -41.71	133.60 2.43 -59.64	167.65 3.28 -67.89	183.12 3.29 -82.99	201.41 3.20 -101.17	182.92 3.19 -82.99	173.77 3.10 -73.83	149.46 2.74 -61.13	126.01 3.41 -27.82	122.70 2.88 -39.75
REPUBLIC_115KV_BARTNBRK 55605	89.10 8.71 -9.55	82.98 8.60 -3.91	83.17 8.65 -4.19	83.10 8.75 -3.81	95.32 8.87 -15.53	110.64 9.95 -21.10	120.85 11.49 -2.97	186.46 14.08 -38.32	187.06 16.30 -23.96	146.71 10.21 -38.32	128.15 9.89 -21.32	107.14 8.57 -7.42	115.96 7.42 -27.83	114.37 6.75 -32.65	120.24 6.23 -43.16	139.62 6.37 -61.73	176.29 9.55 -70.26	192.89 10.17 -85.88	211.84 10.09 -104.71	193.06 10.16 -86.16	182.84 9.59 -76.41	157.07 8.22 -63.26	132.86 9.29 -28.79	130.58 9.37 -41.14
REVERE_CPFR_DRP 24186	73.81 2.98 0.00	73.29 2.82 0.00	73.21 2.88 0.00	73.44 2.89 0.00	73.97 3.05 0.00	83.49 3.90 0.00	112.05 5.53 -0.13	143.04 7.24 -1.74	154.58 7.78 0.00	105.12 5.20 -1.74	102.66 4.75 -0.97	95.48 4.01 -0.31	85.44 3.47 -1.26	79.53 3.07 -1.48	75.71 2.90 -1.96	77.47 3.15 -2.80	104.29 4.63 -3.18	105.77 5.04 -3.89	106.93 5.14 -4.75	105.36 4.74 -3.88	105.24 4.94 -3.46	92.48 4.02 -2.87	100.45 4.36 -1.30	85.78 3.84 -1.86
REYNOLDS_115KV_TB3 80639	79.79 3.40 -5.55	75.99 3.24 -2.27	75.93 3.16 -2.43	76.00 3.25 -2.21	83.28 3.33 -9.02	95.59 3.74 -12.26	114.37 5.11 -2.88	177.48 6.30 -37.12	170.78 7.49 -16.49	140.60 5.30 -37.11	122.93 5.33 -20.65	103.35 4.92 -7.27	112.02 4.36 -26.96	110.65 4.05 -31.62	116.41 3.75 -41.80	135.10 3.79 -59.78	169.54 5.02 -68.05	185.06 5.04 -83.18	203.60 5.14 -101.41	185.05 5.03 -83.28	175.78 4.94 -74.01	151.23 4.37 -61.27	127.69 5.02 -27.89	123.92 4.00 -39.85
RIVERBAY____ 323610	76.64 4.89 -0.91	75.21 4.37 -0.37	74.88 4.15 -0.40	75.28 4.37 -0.36	76.95 4.54 -1.48	86.15 4.54 -2.02	115.89 7.13 -2.38	174.11 9.38 -30.66	163.92 11.60 -5.52	137.08 8.25 -30.65	122.34 8.34 -17.06	107.58 7.84 -8.59	109.83 6.86 -22.27	107.54 6.45 -26.12	111.54 6.16 -34.53	127.06 6.15 -49.38	160.31 7.62 -56.21	173.39 7.84 -68.71	188.67 7.86 -83.77	173.07 7.74 -68.58	166.01 8.04 -61.13	143.40 7.19 -50.62	125.78 7.96 -23.03	119.07 6.09 -32.91
RIVERSIDE_115KV_TB3 55908	79.71 3.26 -5.62	75.87 3.10 -2.30	75.82 3.02 -2.46	75.89 3.10 -2.24	83.32 3.26 -9.13	95.58 3.58 -12.41	114.16 4.89 -2.88	176.35 5.09 -37.19	168.71 6.17 -15.74	139.79 4.42 -37.19	122.10 4.46 -20.69	102.71 4.28 -7.27	111.43 3.71 -27.02	110.19 3.52 -31.69	115.93 3.19 -41.89	134.51 3.08 -59.91	168.82 4.15 -68.20	184.36 4.16 -83.36	202.84 4.17 -101.63	184.24 4.06 -83.44	174.97 3.97 -74.16	150.50 3.51 -61.40	126.89 4.17 -27.94	123.37 3.36 -39.93
ROARING___BROOK_WT_PWR 323790	69.91 -0.92 0.00	69.83 -0.64 0.00	69.91 -0.42 0.00	70.13 -0.42 0.00	70.35 -0.57 0.00	79.04 -0.55 0.00	105.65 -0.74 0.00	133.53 -0.53 0.00	146.07 -0.73 0.00	97.20 -0.98 0.00	96.17 -0.78 0.00	90.42 -0.73 0.00	79.98 -0.73 0.00	74.08 -0.90 0.00	70.00 -0.85 0.00	70.67 -0.86 0.00	95.60 -0.87 0.00	95.97 -0.87 0.00	96.07 -0.97 0.00	95.78 -0.97 0.00	95.78 -1.06 0.00	84.57 -1.02 0.00	93.65 -1.13 0.00	79.19 -0.88 0.00

ROCHESRG_115KV_T4 355643	68.07 -2.76 0.00	67.23 -3.24 0.00	66.95 -3.38 0.00	67.30 -3.25 0.00	68.09 -2.84 0.00	76.73 -2.87 0.00	101.72 -5.00 -0.33	128.18 -8.45 -2.57	137.04 -10.57 -0.81	98.05 -4.42 -4.29	94.87 -4.46 -2.39	87.09 -4.83 -0.77	79.62 -4.20 -3.11	74.96 -3.67 -3.65	71.92 -3.75 -4.83	74.79 -3.65 -6.91	96.44 -5.50 -5.47	101.41 -5.04 -9.61	104.00 -4.75 -11.71	98.88 -5.42 -7.55	98.31 -5.33 -6.80	88.05 -4.62 -7.08	93.26 -4.74 -3.22	81.39 -3.28 -4.60
ROCHESTER_9_IC 23652	68.50 -2.34 0.00	67.58 -2.89 0.00	67.31 -3.02 0.00	67.72 -2.82 0.00	68.51 -2.41 0.00	77.20 -2.39 0.00	102.46 -4.26 -0.33	129.12 -7.51 -2.57	138.08 -9.54 -0.81	98.66 -3.83 -4.31	95.56 -3.78 -2.40	87.64 -4.28 -0.78	80.12 -3.71 -3.13	75.43 -3.22 -3.67	72.37 -3.33 -4.86	75.33 -3.15 -6.95	97.12 -4.82 -5.48	102.15 -4.36 -9.66	104.75 -4.08 -11.78	99.58 -4.74 -7.58	99.01 -4.65 -6.82	88.69 -4.02 -7.12	93.85 -4.17 -3.24	81.90 -2.80 -4.63
ROCKVIEW_13_KV_LD 356306	76.00 4.25 -0.91	74.79 3.95 -0.37	74.53 3.80 -0.40	74.86 3.95 -0.36	76.52 4.11 -1.48	86.30 4.70 -2.02	115.89 7.13 -2.38	173.84 9.12 -30.65	163.19 10.86 -5.52	136.59 7.76 -30.65	121.66 7.66 -17.06	106.86 7.11 -8.59	109.27 6.29 -22.27	106.94 5.85 -26.12	110.90 5.53 -34.53	126.56 5.65 -49.38	159.91 7.24 -56.21	173.10 7.55 -68.70	188.47 7.67 -83.76	172.77 7.45 -68.58	165.52 7.55 -61.12	142.79 6.59 -50.61	124.83 7.01 -23.03	118.35 5.36 -32.91
ROME____115KV_TB2 80656	73.81 2.98 0.00	73.29 2.82 0.00	73.21 2.88 0.00	73.44 2.89 0.00	73.97 3.05 0.00	83.49 3.90 0.00	112.05 5.53 -0.13	143.04 7.24 -1.74	154.58 7.78 0.00	105.12 5.20 -1.74	102.66 4.75 -0.97	95.48 4.01 -0.31	85.44 3.47 -1.26	79.53 3.07 -1.48	75.71 2.90 -1.96	77.47 3.15 -2.80	104.29 4.63 -3.18	105.77 5.04 -3.89	106.93 5.14 -4.75	105.36 4.74 -3.88	105.24 4.94 -3.46	92.48 4.02 -2.87	100.45 4.36 -1.30	85.78 3.84 -1.86
ROSETON___1 23587	74.29 2.69 -0.76	73.31 2.53 -0.31	73.06 2.39 -0.33	73.39 2.54 -0.30	74.85 2.69 -1.24	84.29 3.02 -1.68	113.18 4.57 -2.22	168.37 5.63 -28.68	158.38 6.61 -4.96	131.67 4.81 -28.67	117.65 4.75 -15.95	98.44 4.29 -3.00	105.33 3.79 -20.83	103.01 3.60 -24.43	106.55 3.40 -32.30	121.22 3.50 -46.19	153.59 4.54 -52.58	165.85 4.74 -64.27	180.25 4.85 -78.36	165.53 4.64 -64.15	158.76 4.74 -57.18	137.04 4.11 -47.34	120.78 4.46 -21.55	114.14 3.28 -30.79
ROSETON___2 23588	74.29 2.69 -0.76	73.31 2.53 -0.31	73.06 2.39 -0.33	73.39 2.54 -0.30	74.85 2.69 -1.24	84.29 3.02 -1.68	113.18 4.57 -2.22	168.37 5.63 -28.68	158.38 6.61 -4.96	131.67 4.81 -28.67	117.65 4.75 -15.95	98.44 4.29 -3.00	105.33 3.79 -20.83	103.01 3.60 -24.43	106.55 3.40 -32.30	121.22 3.50 -46.19	153.59 4.54 -52.58	165.85 4.74 -64.27	180.25 4.85 -78.36	165.53 4.64 -64.15	158.76 4.74 -57.18	137.04 4.11 -47.34	120.78 4.46 -21.55	114.14 3.28 -30.79
ROTRDAM_115KV_TB3 80664	84.31 2.98 -10.50	77.59 2.82 -4.30	77.67 2.74 -4.60	77.55 2.82 -4.19	90.90 2.91 -17.07	106.12 3.34 -23.19	113.86 4.47 -3.00	178.05 5.23 -38.76	178.70 6.17 -25.73	141.06 4.12 -38.75	122.48 3.97 -21.56	102.26 3.65 -7.46	112.08 3.23 -28.15	110.99 3.00 -33.02	117.33 2.83 -43.65	136.81 2.86 -62.43	171.49 3.96 -71.06	187.86 4.16 -86.86	207.11 4.17 -105.89	187.99 4.06 -87.18	178.18 4.07 -77.28	153.08 3.51 -63.98	127.78 3.89 -29.12	124.96 3.28 -41.61
RUSSELL___1 23602	68.85 -1.98 0.00	67.93 -2.54 0.00	67.66 -2.67 0.00	68.08 -2.47 0.00	68.87 -2.06 0.00	77.60 -1.99 0.00	103.00 -3.72 -0.33	129.66 -6.97 -2.57	138.81 -8.81 -0.81	99.16 -3.34 -4.31	96.05 -3.30 -2.40	88.10 -3.83 -0.78	80.61 -3.23 -3.13	75.88 -2.77 -3.67	72.73 -2.98 -4.86	75.68 -2.79 -6.95	97.70 -4.24 -5.48	102.73 -3.78 -9.66	105.33 -3.49 -11.78	100.16 -4.16 -7.58	99.59 -4.07 -6.82	89.11 -3.59 -7.12	94.32 -3.70 -3.24	82.38 -2.32 -4.63
RUSSELL___2 23532	68.85 -1.98 0.00	67.93 -2.54 0.00	67.66 -2.67 0.00	68.08 -2.47 0.00	68.87 -2.06 0.00	77.60 -1.99 0.00	103.00 -3.72 -0.33	129.66 -6.97 -2.57	138.81 -8.81 -0.81	99.16 -3.34 -4.31	96.05 -3.30 -2.40	88.10 -3.83 -0.78	80.61 -3.23 -3.13	75.88 -2.77 -3.67	72.73 -2.98 -4.86	75.68 -2.79 -6.95	97.70 -4.24 -5.48	102.73 -3.78 -9.66	105.33 -3.49 -11.78	100.16 -4.16 -7.58	99.59 -4.07 -6.82	89.11 -3.59 -7.12	94.32 -3.70 -3.24	82.38 -2.32 -4.63
RUSSELL___3 23549	68.85 -1.98 0.00	67.93 -2.54 0.00	67.66 -2.67 0.00	68.08 -2.47 0.00	68.87 -2.06 0.00	77.60 -1.99 0.00	103.00 -3.72 -0.33	129.66 -6.97 -2.57	138.81 -8.81 -0.81	99.16 -3.34 -4.31	96.05 -3.30 -2.40	88.10 -3.83 -0.78	80.61 -3.23 -3.13	75.88 -2.77 -3.67	72.73 -2.98 -4.86	75.68 -2.79 -6.95	97.70 -4.24 -5.48	102.73 -3.78 -9.66	105.33 -3.49 -11.78	100.16 -4.16 -7.58	99.59 -4.07 -6.82	89.11 -3.59 -7.12	94.32 -3.70 -3.24	82.38 -2.32 -4.63
RUSSELL___4 23556	68.85 -1.98 0.00	67.93 -2.54 0.00	67.66 -2.67 0.00	68.08 -2.47 0.00	68.87 -2.06 0.00	77.60 -1.99 0.00	103.00 -3.72 -0.33	129.66 -6.97 -2.57	138.81 -8.81 -0.81	99.16 -3.34 -4.31	96.05 -3.30 -2.40	88.10 -3.83 -0.78	80.61 -3.23 -3.13	75.88 -2.77 -3.67	72.73 -2.98 -4.86	75.68 -2.79 -6.95	97.70 -4.24 -5.48	102.73 -3.78 -9.66	105.33 -3.49 -11.78	100.16 -4.16 -7.58	99.59 -4.07 -6.82	89.11 -3.59 -7.12	94.32 -3.70 -3.24	82.38 -2.32 -4.63
RUSSELL___STATION 23914	68.85 -1.98 0.00	67.93 -2.54 0.00	67.66 -2.67 0.00	68.08 -2.47 0.00	68.87 -2.06 0.00	77.60 -1.99 0.00	103.00 -3.72 -0.33	129.66 -6.97 -2.57	138.81 -8.81 -0.81	99.16 -3.34 -4.31	96.05 -3.30 -2.40	88.10 -3.83 -0.78	80.61 -3.23 -3.13	75.88 -2.77 -3.67	72.73 -2.98 -4.86	75.68 -2.79 -6.95	97.70 -4.24 -5.48	102.73 -3.78 -9.66	105.33 -3.49 -11.78	100.16 -4.16 -7.58	99.59 -4.07 -6.82	89.11 -3.59 -7.12	94.32 -3.70 -3.24	82.38 -2.32 -4.63
S SALMON___HYD 24043	70.13 -0.71 0.00	69.48 -0.99 0.00	69.35 -0.98 0.00	69.63 -0.92 0.00	70.28 -0.64 0.00	79.12 -0.47 0.00	105.63 -0.96 -0.21	135.38 -1.34 -2.66	144.89 -1.91 0.00	100.16 -0.68 -2.66	97.45 -0.97 -1.48	90.27 -1.36 -0.48	81.43 -1.21 -1.93	76.12 -1.12 -2.26	72.78 -1.06 -2.99	74.95 -0.86 -4.28	100.47 -0.87 -4.87	102.22 -0.58 -5.95	104.01 -0.29 -7.26	102.00 -0.67 -5.93	101.56 -0.58 -5.30	89.47 -0.51 -4.39	96.01 -0.76 -2.00	82.37 -0.56 -2.85
S.PERRY__115KV_TB1 80734	68.71 -2.13 0.00	67.86 -2.61 0.00	67.52 -2.81 0.00	68.01 -2.54 0.00	68.87 -2.06 0.00	77.84 -1.75 0.00	102.90 -3.94 -0.45	128.71 -6.70 -1.35	139.12 -8.81 -1.12	99.43 -4.52 -5.77	95.21 -4.94 -3.21	86.45 -5.74 -1.04	79.97 -4.92 -4.19	75.54 -4.35 -4.91	72.95 -4.39 -6.50	76.89 -3.93 -9.29	95.98 -4.92 -4.43	105.89 -3.87 -12.93	109.21 -3.59 -15.76	100.26 -4.16 -7.67	99.78 -4.07 -7.01	91.18 -3.94 -9.52	94.94 -4.17 -4.33	83.38 -2.88 -6.19
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	67.15 -3.68 0.00	66.03 -4.44 0.00	65.83 -4.50 0.00	66.31 -4.23 0.00	67.16 -3.76 0.00	75.45 -4.14 0.00	97.33 -9.47 -0.41	121.23 -15.28 -2.45	130.95 -16.88 -1.03	95.09 -8.44 -5.35	91.49 -8.43 -2.98	83.46 -8.66 -0.96	76.92 -7.67 -3.89	72.79 -6.75 -4.56	69.93 -6.94 -6.03	73.28 -6.87 -8.62	91.73 -10.52 -5.77	98.86 -9.97 -11.99	101.96 -9.70 -14.62	94.73 -10.55 -8.53	94.10 -10.46 -7.72	85.69 -8.73 -8.83	89.80 -9.00 -4.02	79.65 -6.17 -5.74

SAWYER___23_KV_LOAD 55526	67.15 -3.68 0.00	66.03 -4.44 0.00	65.83 -4.50 0.00	66.31 -4.23 0.00	67.16 -3.76 0.00	75.45 -4.14 0.00	97.33 -9.47 -0.41	121.23 -15.28 -2.45	130.95 -16.88 -1.03	95.09 -8.44 -5.35	91.49 -8.43 -2.98	83.46 -8.66 -0.96	76.92 -7.67 -3.89	72.79 -6.75 -4.56	69.93 -6.94 -6.03	73.28 -6.87 -8.62	91.73 -10.52 -5.77	98.86 -9.97 -11.99	101.96 -9.70 -14.62	94.73 -10.55 -8.53	94.10 -10.46 -7.72	85.69 -8.73 -8.83	89.80 -9.00 -4.02	79.65 -6.17 -5.74
SELKIRK___I 23801	79.71 5.03 -3.84	76.98 4.93 -1.57	76.86 4.85 -1.68	77.02 4.94 -1.53	82.28 5.11 -6.25	93.65 5.57 -8.49	116.31 7.13 -2.80	177.41 7.23 -36.11	165.65 7.92 -10.92	139.40 5.10 -36.11	121.88 4.85 -20.09	102.72 4.65 -6.92	110.89 3.95 -26.23	109.57 3.82 -30.77	114.99 3.47 -40.68	133.28 3.57 -58.17	167.99 5.30 -66.22	183.30 5.52 -80.94	201.35 5.63 -98.68	183.26 5.61 -80.90	174.37 5.52 -72.01	150.00 4.79 -59.62	127.70 5.78 -27.13	123.97 5.13 -38.77
SELKIRK___II 23799	77.44 2.84 -3.77	74.69 2.68 -1.55	74.59 2.60 -1.65	74.73 2.68 -1.50	79.89 2.84 -6.13	91.02 3.10 -8.33	113.50 4.26 -2.85	175.18 4.29 -36.83	162.91 5.14 -10.97	138.73 3.73 -36.82	121.12 3.68 -20.49	101.77 3.46 -7.15	110.44 2.99 -26.75	109.20 2.85 -31.37	114.95 2.62 -41.48	133.42 2.57 -59.32	167.46 3.47 -67.52	182.86 3.48 -82.53	201.15 3.49 -100.62	182.62 3.38 -82.49	173.66 3.39 -73.43	149.38 2.99 -60.80	126.05 3.60 -27.67	122.57 2.96 -39.54
SENECA OSWGO___HYD 24041	68.85 -1.98 0.00	68.21 -2.26 0.00	68.01 -2.32 0.00	68.29 -2.26 0.00	69.01 -1.91 0.00	77.45 -2.15 0.00	103.53 -3.09 -0.23	132.76 -4.30 -2.99	141.81 -4.99 0.00	98.81 -2.36 -2.99	95.89 -2.71 -1.66	88.77 -2.92 -0.54	80.37 -2.50 -2.17	75.27 -2.25 -2.55	72.01 -2.20 -3.36	74.26 -2.08 -4.81	99.15 -2.80 -5.48	101.02 -2.52 -6.69	102.87 -2.33 -8.16	100.81 -2.61 -6.67	100.28 -2.52 -5.96	88.13 -2.40 -4.93	94.27 -2.75 -2.24	80.95 -2.32 -3.21
SENECA___115KV_TB3 355854	68.00 -2.83 0.00	66.88 -3.59 0.00	66.74 -3.59 0.00	67.23 -3.32 0.00	68.01 -2.91 0.00	76.49 -3.10 0.00	97.99 -8.83 -0.43	122.41 -14.08 -2.42	133.34 -14.53 -1.07	95.98 -7.76 -5.55	92.28 -7.76 -3.09	84.04 -8.11 -1.00	77.47 -7.26 -4.03	73.41 -6.30 -4.73	70.51 -6.59 -6.25	73.96 -6.51 -8.94	92.36 -9.94 -5.82	99.98 -9.30 -12.44	103.18 -9.02 -15.16	95.59 -9.87 -8.71	95.04 -9.68 -7.88	86.62 -8.13 -9.16	90.42 -8.53 -4.17	80.27 -5.77 -5.96
SENECA___ENERGY 23797	69.56 -1.27 0.00	68.78 -1.69 0.00	68.57 -1.76 0.00	68.93 -1.62 0.00	69.86 -1.06 0.00	78.48 -1.11 0.00	104.29 -2.44 -0.35	134.49 -3.49 -3.91	143.27 -4.40 -0.87	101.33 -1.37 -4.52	97.33 -2.13 -2.52	89.42 -2.55 -0.81	81.82 -2.18 -3.29	76.88 -1.95 -3.86	73.96 -1.98 -5.10	77.10 -1.72 -7.29	101.51 -2.41 -7.44	104.76 -2.22 -10.14	107.56 -1.85 -12.36	104.01 -2.13 -9.40	103.02 -2.22 -8.40	90.83 -2.23 -7.47	95.81 -2.37 -3.40	83.09 -1.84 -4.86
SHOEMAKER___GT 23640	74.16 2.55 -0.78	73.19 2.40 -0.32	72.99 2.32 -0.34	73.26 2.40 -0.31	74.81 2.63 -1.27	84.26 2.95 -1.72	112.96 4.47 -2.11	166.67 5.37 -27.24	157.81 6.16 -4.84	129.84 4.42 -27.24	116.36 4.26 -15.15	96.74 3.92 -1.67	103.96 3.47 -19.78	101.48 3.30 -23.21	104.64 3.11 -30.68	118.62 3.22 -43.88	150.66 4.24 -49.94	162.34 4.46 -61.05	176.12 4.66 -74.43	162.13 4.45 -60.93	155.70 4.55 -54.31	134.50 3.94 -44.97	119.51 4.27 -20.46	112.43 3.12 -29.24
SHOEMAKR_138KV_BK 111 55601	74.16 2.55 -0.77	73.11 2.33 -0.32	72.85 2.18 -0.34	73.18 2.33 -0.31	74.66 2.48 -1.25	84.16 2.87 -1.70	112.84 4.36 -2.09	166.32 5.23 -27.03	157.77 6.17 -4.80	129.63 4.42 -27.03	116.25 4.27 -15.04	96.79 3.92 -1.72	103.81 3.47 -19.63	101.30 3.30 -23.03	104.41 3.12 -30.44	118.28 3.22 -43.54	150.28 4.24 -49.56	161.87 4.45 -60.58	175.45 4.56 -73.85	161.66 4.45 -60.46	155.19 4.45 -53.89	134.06 3.85 -44.62	119.35 4.27 -20.31	112.21 3.12 -29.02
SHOREHAM_IC_1 23715	107.50 6.95 -29.72	100.94 6.48 -23.99	92.01 6.26 -15.42	93.77 6.49 -16.74	92.02 6.74 -14.35	98.08 7.64 -10.84	147.98 11.49 -30.10	178.84 14.07 -30.70	168.10 15.72 -5.58	139.52 10.70 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.95 7.87 -26.10	112.86 7.51 -34.51	138.47 8.22 -58.72	163.13 10.42 -56.24	228.80 10.84 -121.11	224.94 10.67 -117.23	210.27 10.74 -102.79	206.92 10.94 -99.14	153.68 9.58 -58.50	141.23 10.43 -36.03	137.79 8.33 -49.39
SHOREHAM_IC_2 23716	107.50 6.95 -29.72	100.94 6.48 -23.99	92.01 6.26 -15.42	93.77 6.49 -16.74	92.02 6.74 -14.35	98.08 7.64 -10.84	147.98 11.49 -30.10	178.84 14.07 -30.70	168.10 15.72 -5.58	139.52 10.70 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.95 7.87 -26.10	112.86 7.51 -34.51	138.47 8.22 -58.72	163.13 10.42 -56.24	228.80 10.84 -121.11	224.94 10.67 -117.23	210.27 10.74 -102.79	206.92 10.94 -99.14	153.68 9.58 -58.50	141.23 10.43 -36.03	137.79 8.33 -49.39
SISSONVILLE___ 23735	70.84 0.00 0.00	70.96 0.49 0.00	70.89 0.56 0.00	70.97 0.42 0.00	70.99 0.07 0.00	79.67 0.08 0.00	107.60 1.17 -0.04	136.05 1.47 -0.52	147.69 0.88 0.00	98.11 -0.59 -0.52	97.33 0.10 -0.29	91.43 0.18 -0.09	81.56 0.48 -0.37	75.72 0.30 -0.44	71.85 0.43 -0.58	72.14 -0.21 -0.83	97.13 -0.29 -0.94	97.80 -0.19 -1.15	98.16 -0.29 -1.41	97.31 -0.58 -1.15	97.48 -0.39 -1.03	86.36 -0.09 -0.85	96.02 0.85 -0.39	82.23 1.60 -0.55
SITHE_IND_GS1 24169	68.00 -2.84 0.00	67.37 -3.10 0.00	67.24 -3.09 0.00	67.52 -3.03 0.00	68.16 -2.77 0.00	76.49 -3.11 0.00	102.11 -4.46 -0.19	130.50 -6.03 -2.47	140.05 -6.75 0.00	96.92 -3.73 -2.47	94.34 -3.98 -1.37	87.59 -4.01 -0.44	79.03 -3.47 -1.79	73.86 -3.22 -2.10	70.58 -3.04 -2.78	72.50 -3.00 -3.97	96.85 -4.15 -4.52	98.39 -3.97 -5.53	100.00 -3.79 -6.74	98.19 -4.06 -5.51	97.78 -3.97 -4.92	86.07 -3.59 -4.07	92.66 -3.98 -1.85	79.43 -3.29 -2.65
SITHE_IND_GS2 24170	68.00 -2.84 0.00	67.37 -3.10 0.00	67.24 -3.09 0.00	67.52 -3.03 0.00	68.16 -2.77 0.00	76.49 -3.11 0.00	102.11 -4.46 -0.19	130.50 -6.03 -2.47	140.05 -6.75 0.00	96.92 -3.73 -2.47	94.34 -3.98 -1.37	87.59 -4.01 -0.44	79.03 -3.47 -1.79	73.86 -3.22 -2.10	70.58 -3.04 -2.78	72.50 -3.00 -3.97	96.85 -4.15 -4.52	98.39 -3.97 -5.53	100.00 -3.79 -6.74	98.19 -4.06 -5.51	97.78 -3.97 -4.92	86.07 -3.59 -4.07	92.66 -3.98 -1.85	79.43 -3.29 -2.65
SITHE_IND_GS3 24171	68.00 -2.84 0.00	67.37 -3.10 0.00	67.24 -3.09 0.00	67.52 -3.03 0.00	68.16 -2.77 0.00	76.49 -3.11 0.00	102.11 -4.46 -0.19	130.50 -6.03 -2.47	140.05 -6.75 0.00	96.92 -3.73 -2.47	94.34 -3.98 -1.37	87.59 -4.01 -0.44	79.03 -3.47 -1.79	73.86 -3.22 -2.10	70.58 -3.04 -2.78	72.50 -3.00 -3.97	96.85 -4.15 -4.52	98.39 -3.97 -5.53	100.00 -3.79 -6.74	98.19 -4.06 -5.51	97.78 -3.97 -4.92	86.07 -3.59 -4.07	92.66 -3.98 -1.85	79.43 -3.29 -2.65
SITHE_IND_GS4 24172	68.00 -2.84 0.00	67.37 -3.10 0.00	67.24 -3.09 0.00	67.52 -3.03 0.00	68.16 -2.77 0.00	76.49 -3.11 0.00	102.11 -4.46 -0.19	130.50 -6.03 -2.47	140.05 -6.75 0.00	96.92 -3.73 -2.47	94.34 -3.98 -1.37	87.59 -4.01 -0.44	79.03 -3.47 -1.79	73.86 -3.22 -2.10	70.58 -3.04 -2.78	72.50 -3.00 -3.97	96.85 -4.15 -4.52	98.39 -3.97 -5.53	100.00 -3.79 -6.74	98.19 -4.06 -5.51	97.78 -3.97 -4.92	86.07 -3.59 -4.07	92.66 -3.98 -1.85	79.43 -3.29 -2.65

SITHE___BATAVIA 24024	68.57 -2.27 0.00	67.51 -2.96 0.00	67.24 -3.09 0.00	67.72 -2.82 0.00	69.15 -1.77 0.00	77.21 -2.39 0.00	101.02 -5.75 -0.38	126.82 -9.78 -2.53	135.84 -11.89 -0.92	98.52 -4.51 -4.86	94.02 -5.63 -2.70	85.92 -6.11 -0.87	78.83 -5.41 -3.53	74.39 -4.72 -4.14	71.36 -4.96 -5.47	74.70 -4.65 -7.82	95.10 -7.04 -5.66	101.43 -6.29 -10.89	104.39 -5.92 -13.27	97.98 -6.87 -8.10	97.37 -6.78 -7.31	87.79 -5.82 -8.02	92.55 -5.88 -3.65	81.60 -3.68 -5.21
SITHE___INDEPEND 23800	68.00 -2.83 0.00	67.37 -3.10 0.00	67.24 -3.09 0.00	67.51 -3.03 0.00	68.01 -2.91 0.00	76.49 -3.10 0.00	102.11 -4.47 -0.19	130.50 -6.03 -2.47	140.05 -6.75 0.00	96.72 -3.93 -2.47	94.34 -3.97 -1.37	87.59 -4.01 -0.44	79.03 -3.47 -1.79	73.85 -3.22 -2.10	70.58 -3.05 -2.78	72.50 -3.00 -3.97	96.85 -4.15 -4.52	98.40 -3.97 -5.53	100.00 -3.78 -6.74	98.19 -4.06 -5.51	97.79 -3.97 -4.92	86.07 -3.59 -4.07	92.65 -3.98 -1.85	79.36 -3.36 -2.65
SITHE___MASSENA 23902	70.63 -0.21 0.00	70.68 0.21 0.00	70.61 0.28 0.00	70.69 0.14 0.00	70.50 -0.42 0.00	79.27 -0.32 0.00	105.96 -0.42 0.00	134.20 0.13 0.00	146.37 -0.44 0.00	96.02 -2.16 0.00	95.98 -0.97 0.00	90.52 -0.63 0.00	80.38 -0.32 0.00	74.53 -0.45 0.00	70.56 -0.28 0.00	70.95 -0.57 0.00	95.90 -0.58 0.00	96.06 -0.78 0.00	96.17 -0.88 0.00	95.87 -0.87 0.00	95.97 -0.87 0.00	84.99 -0.59 0.00	94.31 -0.47 0.00	80.23 0.16 0.00
SITHE___OGDNSBRG 24021	71.76 0.92 0.00	71.95 1.48 0.00	71.95 1.62 0.00	71.96 1.41 0.00	71.99 1.06 0.00	80.79 1.19 0.00	108.41 2.02 0.00	137.28 3.22 0.00	149.45 2.64 0.00	98.58 0.39 0.00	97.53 0.58 0.00	91.88 0.73 0.00	81.59 0.89 0.00	75.65 0.67 0.00	71.63 0.78 0.00	72.03 0.50 0.00	97.44 0.96 0.00	97.91 1.07 0.00	98.01 0.97 0.00	97.52 0.77 0.00	97.71 0.87 0.00	86.45 0.86 0.00	96.20 1.42 0.00	82.07 2.00 0.00
SITHE___STERLING 23777	73.04 2.20 0.00	72.51 2.04 0.00	72.37 2.04 0.00	72.66 2.11 0.00	73.26 2.34 0.00	82.62 3.02 0.00	110.69 4.14 -0.16	141.33 5.22 -2.04	152.52 5.72 0.00	104.25 4.03 -2.04	101.56 3.48 -1.13	94.35 2.83 -0.37	84.69 2.50 -1.48	78.96 2.25 -1.74	75.20 2.06 -2.30	77.17 2.36 -3.28	103.49 3.28 -3.74	104.99 3.59 -4.57	106.39 3.78 -5.57	104.68 3.38 -4.55	104.38 3.48 -4.06	91.87 2.91 -3.36	99.34 3.03 -1.53	84.90 2.64 -2.19
SLEIGHT__34_KV_TB1 80719	69.00 -1.84 0.00	68.14 -2.33 0.00	67.87 -2.46 0.00	68.22 -2.33 0.00	69.01 -1.91 0.00	77.76 -1.83 0.00	103.73 -2.98 -0.33	132.25 -5.09 -3.28	141.00 -6.61 -0.80	99.94 -2.45 -4.21	96.67 -2.62 -2.34	88.81 -3.10 -0.76	81.10 -2.66 -3.06	76.24 -2.32 -3.59	73.19 -2.41 -4.75	76.10 -2.22 -6.79	99.71 -2.81 -6.43	103.48 -2.52 -9.45	106.03 -3.10 -11.52	101.97 -3.10 -8.32	101.29 -3.00 -7.45	89.64 -2.91 -6.96	94.91 -3.03 -3.17	82.35 -2.24 -4.52
SOUTH CAIRO___GT 23612	79.76 5.45 -3.47	77.39 5.50 -1.42	77.20 5.35 -1.52	77.36 5.43 -1.38	82.24 5.67 -5.64	93.78 6.53 -7.66	117.73 8.62 -2.73	177.45 8.18 -35.20	165.51 8.51 -10.19	138.59 5.20 -35.20	121.28 4.75 -19.59	101.86 4.38 -6.33	110.15 3.87 -25.57	108.72 3.75 -29.99	114.04 3.54 -39.65	132.09 3.86 -56.70	166.90 5.88 -64.55	182.13 6.39 -78.90	199.83 6.60 -96.19	181.98 6.39 -78.85	173.33 6.29 -70.19	148.84 5.14 -58.12	127.58 6.35 -26.45	123.23 5.36 -37.79
SOUTH HAMPTN___IC 23720	107.78 7.23 -29.72	101.29 6.83 -23.99	92.44 6.68 -15.42	94.21 6.92 -16.74	92.44 7.16 -14.35	98.56 8.12 -10.84	148.72 12.23 -30.10	179.64 14.88 -30.70	168.82 16.44 -5.57	139.91 11.09 -30.64	124.56 10.57 -17.05	109.42 9.66 -8.61	111.51 8.55 -22.25	109.18 8.10 -26.10	113.08 7.72 -34.51	138.61 8.36 -58.72	163.42 10.71 -56.24	227.99 10.94 -120.21	224.15 10.67 -116.44	209.92 10.93 -102.25	205.40 11.04 -97.52	153.84 9.75 -58.50	141.42 10.61 -36.03	138.20 8.73 -49.39
SOUTHDOW_115KV_TB1 355954	70.56 -0.50 -0.22	69.29 -1.27 -0.09	69.23 -1.20 -0.10	69.72 -0.92 -0.09	70.92 -0.35 -0.35	80.07 0.00 -0.48	101.53 -5.32 -0.46	127.37 -8.98 -2.29	140.46 -7.49 -1.15	100.07 -4.03 -5.92	95.87 -4.36 -3.29	87.20 -5.01 -1.06	80.16 -4.84 -4.30	75.89 -4.12 -5.04	72.83 -4.68 -6.66	76.48 -4.58 -9.53	95.23 -7.04 -5.80	103.90 -6.20 -13.26	107.38 -5.82 -16.16	99.01 -6.68 -8.94	98.36 -6.59 -8.11	89.79 -5.56 -9.77	93.16 -6.07 -4.44	82.66 -3.76 -6.35
SOUTHOLD_69_KV_BK 2 55809	108.06 7.51 -29.72	101.58 7.12 -23.99	92.78 7.03 -15.42	94.63 7.34 -16.74	92.80 7.52 -14.35	99.19 8.76 -10.84	149.57 13.09 -30.10	180.71 15.95 -30.70	169.85 17.47 -5.57	140.40 11.59 -30.63	124.46 10.47 -17.05	109.51 9.75 -8.61	111.67 8.72 -22.25	109.18 8.10 -26.10	113.01 7.65 -34.51	138.68 8.44 -58.72	163.61 10.90 -56.23	226.26 9.20 -120.22	222.02 8.54 -116.44	209.93 10.93 -102.25	205.42 11.04 -97.54	153.84 9.76 -58.50	141.33 10.52 -36.03	138.51 9.05 -49.39
SOUTHOLD___IC 23719	108.06 7.51 -29.72	101.65 7.19 -23.99	92.85 7.10 -15.42	94.69 7.41 -16.74	92.87 7.59 -14.35	99.11 8.68 -10.84	149.57 13.08 -30.10	180.71 15.95 -30.70	169.69 17.31 -5.57	140.20 11.38 -30.64	124.46 10.47 -17.05	109.52 9.76 -8.61	111.68 8.72 -22.25	109.18 8.10 -26.10	113.01 7.65 -34.51	138.68 8.44 -58.72	163.61 10.90 -56.24	226.27 9.20 -120.23	222.22 8.74 -116.45	209.93 10.93 -102.26	205.42 11.04 -97.54	153.84 9.75 -58.50	141.33 10.52 -36.03	138.51 9.05 -49.39
SOUTH_FORK_WT_PWR 323839	107.50 6.95 -29.72	101.16 6.70 -23.99	92.44 6.68 -15.42	94.34 7.05 -16.74	92.52 7.24 -14.35	98.71 8.28 -10.84	148.93 12.44 -30.10	179.91 15.14 -30.70	168.53 16.15 -5.57	139.52 10.70 -30.64	123.50 9.51 -17.05	108.79 9.03 -8.61	111.03 8.07 -22.25	108.58 7.50 -26.10	112.37 7.02 -34.51	137.97 7.73 -58.72	162.65 9.94 -56.24	226.36 9.30 -120.22	221.92 8.44 -116.44	208.67 9.67 -102.25	204.25 9.88 -97.53	152.82 8.73 -58.50	140.29 9.48 -36.03	137.87 8.41 -49.39
SPIERFLS_115KV_TB 1 80737	86.44 5.95 -9.65	80.27 5.85 -3.95	80.40 5.84 -4.23	80.32 5.93 -3.85	92.64 6.03 -15.69	107.67 6.77 -21.31	116.06 6.70 -2.97	180.34 7.91 -38.37	180.34 9.40 -24.14	142.63 6.09 -38.36	124.20 5.91 -21.35	103.68 5.10 -7.43	113.09 4.52 -27.87	111.71 4.05 -32.69	117.74 3.68 -43.21	137.05 3.72 -61.80	172.22 5.40 -70.35	188.63 5.81 -85.98	207.59 5.73 -104.83	188.82 5.80 -86.27	178.86 5.52 -76.50	153.81 4.88 -63.34	129.20 5.59 -28.82	127.83 6.57 -41.19
ST LAWRENCE____ 23600	69.78 -1.06 0.00	69.83 -0.64 0.00	69.84 -0.49 0.00	69.84 -0.71 0.00	69.79 -1.14 0.00	78.40 -1.19 0.00	104.68 -1.71 0.00	132.72 -1.34 0.00	144.89 -1.91 0.00	95.63 -2.55 0.00	95.10 -1.84 0.00	89.79 -1.36 0.00	79.57 -1.13 0.00	73.77 -1.20 0.00	69.79 -1.06 0.00	70.31 -1.22 0.00	95.03 -1.44 0.00	95.19 -1.65 0.00	95.19 -1.85 0.00	95.10 -1.65 0.00	95.10 -1.74 0.00	84.13 -1.46 0.00	93.26 -1.52 0.00	79.11 -0.96 0.00
STATE_CA_115KV_115_LB 55624	80.47 3.33 -6.31	76.23 3.17 -2.58	76.19 3.09 -2.76	76.24 3.17 -2.51	84.51 3.33 -10.25	97.18 3.66 -13.93	114.29 5.00 -2.90	176.47 4.96 -37.44	169.86 6.02 -17.04	139.94 4.32 -37.44	122.14 4.36 -20.83	102.64 4.19 -7.29	111.53 3.63 -27.19	110.32 3.45 -31.90	116.06 3.05 -42.17	134.84 3.00 -60.31	169.17 4.05 -68.65	184.82 4.07 -83.91	203.32 3.98 -102.30	184.63 3.87 -84.02	175.37 3.87 -74.65	150.74 3.34 -61.81	126.99 4.08 -28.13	123.47 3.20 -40.20

STATE_ST_34_KV_LOAD 55959	70.41 -0.43 0.00	69.62 -0.85 0.00	69.42 -0.91 0.00	69.77 -0.78 0.00	70.50 -0.43 0.00	79.35 -0.24 0.00	106.09 -0.64 -0.34	138.51 -1.07 -5.52	146.20 -1.47 -0.86	102.50 -0.10 -4.42	99.01 -0.39 -2.46	91.04 -0.91 -0.79	83.11 -0.81 -3.21	78.06 -0.67 -3.76	75.11 -0.71 -4.97	78.14 -0.50 -7.11	105.42 -0.68 -9.63	106.35 -0.39 -9.90	109.11 0.00 -12.07	107.64 -0.29 -11.18	106.47 -0.29 -9.92	92.28 -0.60 -7.29	97.34 -0.76 -3.32	84.09 -0.72 -4.74
STATION_5_MISC_HYD 23604	68.50 -2.34 0.00	67.58 -2.89 0.00	67.31 -3.02 0.00	67.72 -2.82 0.00	68.86 -2.06 0.00	77.21 -2.39 0.00	102.46 -4.26 -0.34	129.14 -7.50 -2.58	138.22 -9.40 -0.81	99.36 -3.15 -4.32	95.57 -3.78 -2.41	87.65 -4.28 -0.78	80.13 -3.71 -3.14	75.44 -3.22 -3.68	72.39 -3.33 -4.87	75.28 -3.22 -6.97	97.05 -4.92 -5.50	102.18 -4.36 -9.69	104.79 -4.07 -11.82	99.61 -4.74 -7.61	99.04 -4.65 -6.85	88.71 -4.02 -7.14	93.86 -4.17 -3.25	81.99 -2.72 -4.64
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	69.63 -1.20 0.00	68.85 -1.62 0.00	68.50 -1.83 0.00	68.92 -1.62 0.00	69.72 -1.21 0.00	78.64 -0.96 0.00	104.49 -2.23 -0.33	132.61 -4.02 -2.57	142.19 -5.43 -0.82	100.72 -1.77 -4.30	97.30 -2.04 -2.39	89.38 -2.55 -0.77	81.65 -2.18 -3.13	76.77 -1.87 -3.67	73.64 -2.05 -4.85	76.67 -1.79 -6.93	99.35 -2.60 -5.48	104.26 -2.23 -9.65	106.96 -1.84 -11.76	101.90 -2.42 -7.58	101.34 -2.32 -6.82	90.47 -2.23 -7.11	95.74 -2.27 -3.23	83.17 -1.52 -4.62
STA_56_34_KV_BUS2_REV_LBMP_B 345033	68.22 -2.62 0.00	67.37 -3.10 0.00	67.02 -3.31 0.00	67.44 -3.10 0.00	68.23 -2.70 0.00	76.89 -2.71 0.00	102.14 -4.57 -0.33	129.00 -7.64 -2.57	137.92 -9.69 -0.81	98.44 -4.03 -4.28	95.26 -4.07 -2.38	87.37 -4.56 -0.77	79.94 -3.87 -3.11	75.18 -3.45 -3.65	72.13 -3.54 -4.82	75.06 -3.36 -6.90	96.93 -5.02 -5.47	101.89 -4.55 -9.60	104.47 -4.27 -11.70	99.36 -4.93 -7.55	98.80 -4.84 -6.80	88.38 -4.28 -7.07	93.64 -4.36 -3.22	81.63 -3.04 -4.60
STA_56___34_KV_BUS2 355983	68.22 -2.62 0.00	67.37 -3.10 0.00	67.02 -3.31 0.00	67.44 -3.10 0.00	68.23 -2.70 0.00	76.89 -2.71 0.00	102.14 -4.57 -0.33	129.00 -7.64 -2.57	137.92 -9.69 -0.81	98.44 -4.03 -4.28	95.26 -4.07 -2.38	87.37 -4.56 -0.77	79.94 -3.87 -3.11	75.18 -3.45 -3.65	72.13 -3.54 -4.82	75.06 -3.36 -6.90	96.93 -5.02 -5.47	101.89 -4.55 -9.60	104.47 -4.27 -11.70	99.36 -4.93 -7.55	98.80 -4.84 -6.80	88.38 -4.28 -7.07	93.64 -4.36 -3.22	81.63 -3.04 -4.60
STA_67___115KV_BK2 355882	68.36 -2.48 0.00	67.44 -3.03 0.00	67.17 -3.16 0.00	67.58 -2.96 0.00	68.37 -2.55 0.00	76.97 -2.63 0.00	102.15 -4.57 -0.33	128.72 -7.91 -2.57	137.63 -9.98 -0.81	98.47 -4.03 -4.31	95.27 -4.07 -2.40	87.37 -4.56 -0.77	79.96 -3.87 -3.13	75.27 -3.37 -3.67	72.16 -3.54 -4.85	75.11 -3.36 -6.94	96.83 -5.11 -5.47	101.94 -4.55 -9.66	104.45 -4.37 -11.77	99.29 -5.03 -7.57	98.72 -4.94 -6.82	88.42 -4.28 -7.11	93.66 -4.36 -3.24	81.73 -2.96 -4.63
STA_7___115KV_9TRANS 80674	68.85 -1.98 0.00	67.93 -2.54 0.00	67.66 -2.67 0.00	68.08 -2.47 0.00	68.87 -2.06 0.00	77.60 -1.99 0.00	103.00 -3.72 -0.33	129.66 -6.97 -2.57	138.81 -8.81 -0.81	99.16 -3.34 -4.31	96.05 -3.30 -2.40	88.10 -3.83 -0.78	80.61 -3.23 -3.13	75.88 -2.77 -3.67	72.73 -2.98 -4.86	75.68 -2.79 -6.95	97.70 -4.24 -5.48	102.73 -3.78 -9.66	105.33 -3.49 -11.78	100.16 -4.16 -7.58	99.59 -4.07 -6.82	89.11 -3.59 -7.12	94.32 -3.70 -3.24	82.38 -2.32 -4.63
STA_82___115KV_TB1 80780	68.36 -2.48 0.00	67.44 -3.03 0.00	67.17 -3.16 0.00	67.58 -2.96 0.00	68.37 -2.55 0.00	77.04 -2.55 0.00	102.25 -4.47 -0.34	128.85 -7.78 -2.57	137.79 -9.84 -0.82	98.48 -4.03 -4.33	95.28 -4.07 -2.41	87.47 -4.47 -0.78	79.97 -3.87 -3.14	75.29 -3.37 -3.69	72.18 -3.54 -4.87	75.14 -3.36 -6.97	96.94 -5.02 -5.48	101.99 -4.55 -9.70	104.60 -4.27 -11.83	99.40 -4.93 -7.59	98.83 -4.84 -6.84	88.46 -4.28 -7.15	93.67 -4.36 -3.25	81.76 -2.96 -4.65
STEEL___WIND 323596	67.93 -2.91 0.00	66.80 -3.67 0.00	66.67 -3.66 0.00	67.09 -3.46 0.00	68.51 -2.41 0.00	76.41 -3.19 0.00	97.88 -8.94 -0.43	122.28 -14.21 -2.43	133.34 -14.54 -1.07	96.87 -6.88 -5.56	92.09 -7.95 -3.09	83.86 -8.29 -1.00	77.32 -7.42 -4.04	73.27 -6.45 -4.74	70.38 -6.73 -6.26	73.84 -6.65 -8.96	92.09 -10.23 -5.84	99.82 -9.49 -12.46	103.01 -9.22 -15.19	95.52 -9.96 -8.73	94.87 -9.88 -7.90	86.47 -8.30 -9.18	90.33 -8.62 -4.18	80.28 -5.77 -5.97
STEPHTWN_115KV_BK_2 55603	79.80 4.04 -4.92	76.36 3.88 -2.02	76.29 3.80 -2.16	76.39 3.88 -1.96	82.90 3.97 -8.00	94.92 4.46 -10.87	115.32 6.06 -2.87	177.12 6.03 -37.03	166.66 7.19 -12.66	140.21 5.01 -37.02	122.49 4.94 -20.60	103.12 4.74 -7.23	111.63 4.04 -26.89	110.35 3.82 -31.55	116.02 3.47 -41.70	134.60 3.43 -59.64	169.19 4.82 -67.89	184.67 4.84 -82.98	203.06 4.85 -101.17	184.47 4.74 -82.98	175.32 4.65 -73.83	150.74 4.02 -61.13	127.43 4.83 -27.82	123.75 3.92 -39.75
STEUBEN_REC_LFGE 323667	70.04 -1.06 -0.27	68.96 -1.62 -0.11	69.04 -1.41 -0.12	69.52 -1.13 -0.11	70.86 -0.50 -0.43	79.94 -0.24 -0.59	103.42 -3.51 -0.55	125.40 -5.63 3.04	142.19 -6.02 -1.40	102.21 -3.04 -7.07	97.00 -3.88 -3.93	87.96 -4.47 -1.27	81.89 -3.95 -5.14	77.48 -3.52 -6.02	75.06 -3.75 -7.96	79.56 -3.36 -11.39	90.94 -4.44 1.09	109.01 -3.68 -15.85	113.35 -3.01 -19.32	97.01 -3.58 -3.85	97.17 -3.49 -3.82	93.93 -3.34 -11.67	96.49 -3.60 -5.31	85.26 -2.40 -7.59
STILLWATER___SOLAR 323814	85.09 5.03 -9.23	79.11 4.86 -3.78	79.16 4.78 -4.04	79.09 4.86 -3.68	90.96 5.04 -15.00	105.62 5.65 -20.38	116.26 6.91 -2.96	180.55 8.31 -38.17	179.83 9.69 -23.34	142.83 6.48 -38.17	124.39 6.21 -21.24	104.12 5.56 -7.41	113.35 4.92 -27.73	112.07 4.57 -32.52	118.09 4.25 -42.99	137.30 4.29 -61.48	172.54 6.08 -69.99	188.78 6.39 -85.55	207.64 6.30 -104.30	188.84 6.28 -85.81	179.05 6.10 -76.11	154.00 5.40 -63.02	129.53 6.07 -28.68	126.57 5.52 -40.98
STONY___BROOK 24151	107.29 6.73 -29.72	100.80 6.34 -23.99	91.87 6.12 -15.42	93.56 6.28 -16.74	91.80 6.52 -14.35	97.84 7.40 -10.84	147.55 11.06 -30.10	178.59 13.81 -30.71	167.66 15.27 -5.59	139.33 10.51 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.95 7.87 -26.10	112.94 7.58 -34.51	138.40 8.15 -58.72	163.05 10.33 -56.25	233.32 10.65 -125.83	229.10 10.67 -121.38	212.78 10.45 -105.59	215.03 10.56 -107.63	153.61 9.50 -58.52	141.14 10.33 -36.03	137.64 8.17 -49.39
STURGEON_POOL_HYD 23609	75.12 2.90 -1.37	73.71 2.68 -0.56	73.46 2.53 -0.60	73.78 2.68 -0.55	76.06 2.91 -2.23	86.05 3.42 -3.03	114.09 5.32 -2.39	171.32 6.44 -30.82	160.54 7.49 -6.25	134.31 5.30 -30.82	119.23 5.14 -17.15	100.96 4.65 -5.16	107.29 4.20 -22.39	105.21 3.97 -26.26	109.39 3.83 -34.72	125.11 3.93 -49.65	158.10 5.11 -56.52	171.35 5.42 -69.08	186.89 5.63 -84.22	171.14 5.42 -68.97	163.82 5.52 -61.46	141.19 4.71 -50.89	123.06 5.12 -23.16	116.93 3.76 -33.09
ST_LAW_115_BK7_LBMP 345037	69.78 -1.06 0.00	69.83 -0.64 0.00	69.84 -0.49 0.00	69.84 -0.71 0.00	69.72 -1.21 0.00	78.32 -1.28 0.00	104.68 -1.71 0.00	132.72 -1.34 0.00	144.89 -1.91 0.00	95.54 -2.65 0.00	95.01 -1.94 0.00	89.69 -1.46 0.00	79.50 -1.21 0.00	73.77 -1.20 0.00	69.79 -1.06 0.00	70.24 -1.29 0.00	94.92 -1.55 0.00	95.10 -1.74 0.00	95.10 -1.94 0.00	95.01 -1.74 0.00	95.10 -1.74 0.00	84.13 -1.46 0.00	93.17 -1.61 0.00	79.11 -0.96 0.00

ST_LAW_115_BK8_LBMP 345038	69.78 -1.06 0.00	69.83 -0.64 0.00	69.84 -0.49 0.00	69.84 -0.71 0.00	69.72 -1.21 0.00	78.32 -1.28 0.00	104.68 -1.71 0.00	132.72 -1.34 0.00	144.89 -1.91 0.00	95.54 -2.65 0.00	95.01 -1.94 0.00	89.69 -1.46 0.00	79.50 -1.21 0.00	73.77 -1.20 0.00	69.79 -1.06 0.00	70.24 -1.29 0.00	94.92 -1.55 0.00	95.10 -1.74 0.00	95.10 -1.94 0.00	95.01 -1.74 0.00	95.10 -1.74 0.00	84.13 -1.46 0.00	93.17 -1.61 0.00	79.11 -0.96 0.00
ST_LAW_230_BK5_LBMP 345035	69.78 -1.06 0.00	69.83 -0.64 0.00	69.84 -0.49 0.00	69.84 -0.71 0.00	69.79 -1.14 0.00	78.40 -1.19 0.00	104.68 -1.71 0.00	132.72 -1.34 0.00	144.89 -1.91 0.00	95.63 -2.55 0.00	95.10 -1.84 0.00	89.79 -1.36 0.00	79.57 -1.13 0.00	73.77 -1.20 0.00	69.79 -1.06 0.00	70.31 -1.22 0.00	95.03 -1.44 0.00	95.19 -1.65 0.00	95.19 -1.85 0.00	95.10 -1.65 0.00	95.10 -1.74 0.00	84.13 -1.46 0.00	93.26 -1.52 0.00	79.11 -0.96 0.00
ST_LAW_230_BK6_LBMP 345036	69.78 -1.06 0.00	69.83 -0.64 0.00	69.84 -0.49 0.00	69.84 -0.71 0.00	69.79 -1.14 0.00	78.40 -1.19 0.00	104.68 -1.71 0.00	132.72 -1.34 0.00	144.89 -1.91 0.00	95.63 -2.55 0.00	95.10 -1.84 0.00	89.79 -1.36 0.00	79.57 -1.13 0.00	73.77 -1.20 0.00	69.79 -1.06 0.00	70.31 -1.22 0.00	95.03 -1.44 0.00	95.19 -1.65 0.00	95.19 -1.85 0.00	95.10 -1.65 0.00	95.10 -1.74 0.00	84.13 -1.46 0.00	93.26 -1.52 0.00	79.11 -0.96 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	74.47 2.83 -0.80	73.41 2.61 -0.33	73.14 2.46 -0.35	73.41 2.54 -0.32	74.99 2.77 -1.30	84.55 3.18 -1.77	113.44 4.89 -2.16	167.89 5.90 -27.93	158.82 7.05 -4.97	131.12 5.01 -27.93	117.43 4.94 -15.54	97.21 4.56 -1.50	105.03 4.04 -20.29	102.52 3.75 -23.80	105.92 3.61 -31.46	120.24 3.72 -44.99	152.51 4.82 -51.21	164.47 5.04 -62.60	178.50 5.14 -76.32	164.16 4.93 -62.48	157.57 5.04 -55.69	136.07 4.37 -46.11	120.50 4.74 -20.99	113.58 3.52 -29.99
SWANROAD_115KV_TB1 355699	65.52 -5.31 0.00	64.34 -6.13 0.00	64.14 -6.19 0.00	64.62 -5.93 0.00	65.39 -5.53 0.00	73.46 -6.13 0.00	94.98 -11.81 -0.40	118.59 -17.96 -2.49	126.81 -20.99 -0.99	92.47 -10.90 -5.18	89.07 -10.76 -2.88	81.42 -10.66 -0.93	74.87 -9.60 -3.77	70.92 -8.47 -4.42	68.11 -8.57 -5.84	71.37 -8.51 -8.35	89.49 -12.73 -5.75	96.06 -12.40 -11.62	99.07 -12.13 -14.16	92.18 -12.96 -8.40	91.55 -12.88 -7.59	83.36 -10.78 -8.56	87.40 -11.28 -3.89	77.71 -7.93 -5.57
SYNERGY___BIOGAS 323694	68.57 -2.27 0.00	67.51 -2.96 0.00	67.24 -3.09 0.00	67.72 -2.82 0.00	69.15 -1.77 0.00	77.21 -2.39 0.00	101.02 -5.75 -0.38	126.82 -9.78 -2.53	135.84 -11.89 -0.92	98.52 -4.51 -4.86	94.02 -5.63 -2.70	85.92 -6.11 -0.87	78.83 -5.41 -3.53	74.39 -4.72 -4.14	71.36 -4.96 -5.47	74.70 -4.65 -7.82	95.10 -7.04 -5.66	101.43 -6.29 -10.89	104.39 -5.92 -13.27	97.98 -6.87 -8.10	97.37 -6.78 -7.31	87.79 -5.82 -8.02	92.55 -5.88 -3.65	81.60 -3.68 -5.21
SYRACUSE___ENERGY_ST1 323597	69.85 -0.99 0.00	69.13 -1.34 0.00	68.99 -1.34 0.00	69.28 -1.27 0.00	69.86 -1.06 0.00	78.56 -1.03 0.00	105.29 -1.38 -0.28	135.99 -1.74 -3.67	145.32 -2.20 -0.71	101.16 -0.69 -3.67	98.11 -0.87 -2.04	90.54 -1.28 -0.66	82.32 -1.05 -2.67	77.20 -0.90 -3.13	74.06 -0.92 -4.13	76.65 -0.79 -5.91	101.94 -1.25 -6.73	103.80 -1.26 -8.22	106.10 -0.97 -10.03	103.70 -1.26 -8.21	102.90 -1.26 -7.32	90.36 -1.28 -6.06	96.02 -1.52 -2.76	82.73 -1.28 -3.94
SYRACUSE___ENERGY_ST2 323598	69.85 -0.99 0.00	69.13 -1.34 0.00	68.99 -1.34 0.00	69.28 -1.27 0.00	69.86 -1.06 0.00	78.56 -1.03 0.00	105.29 -1.38 -0.28	135.99 -1.74 -3.67	145.32 -2.20 -0.71	101.16 -0.69 -3.67	98.11 -0.87 -2.04	90.54 -1.28 -0.66	82.32 -1.05 -2.67	77.20 -0.90 -3.13	74.06 -0.92 -4.13	76.65 -0.79 -5.91	101.94 -1.25 -6.73	103.80 -1.26 -8.22	106.10 -0.97 -10.03	103.70 -1.26 -8.21	102.90 -1.26 -7.32	90.36 -1.28 -6.06	96.02 -1.52 -2.76	82.73 -1.28 -3.94
SYRACUSE___POWER 24017	69.77 -1.06 0.00	69.06 -1.41 0.00	68.85 -1.48 0.00	69.21 -1.34 0.00	69.79 -1.13 0.00	78.48 -1.11 0.00	104.98 -1.70 -0.29	136.18 -2.41 -4.53	144.73 -2.79 -0.71	100.79 -1.18 -3.79	97.79 -1.26 -2.11	90.19 -1.64 -0.68	82.00 -1.45 -2.75	76.93 -1.27 -3.23	73.91 -1.20 -4.27	76.56 -1.07 -6.10	102.90 -1.54 -7.97	103.97 -1.36 -8.49	106.32 -1.07 -10.35	104.74 -1.35 -9.35	103.79 -1.36 -8.30	90.39 -1.46 -6.25	96.01 -1.61 -2.85	82.70 -1.44 -4.07
TALLMAN___138KV_BK151 55660	74.79 3.12 -0.84	73.63 2.82 -0.34	73.37 2.67 -0.37	73.70 2.82 -0.33	75.33 3.05 -1.36	84.86 3.42 -1.85	113.94 5.32 -2.24	169.64 6.70 -28.87	160.03 8.07 -5.15	132.84 5.79 -28.87	118.73 5.72 -16.06	97.37 5.29 -0.93	106.36 4.68 -20.97	103.92 4.35 -24.60	107.55 4.18 -32.52	122.25 4.22 -46.51	154.81 5.40 -52.94	167.16 5.62 -64.71	181.66 5.73 -78.89	166.94 5.61 -64.59	160.03 5.62 -57.57	138.22 4.96 -47.67	121.78 5.31 -21.69	114.99 3.92 -31.00
TEALLAVE_115KV_TB7 355573	69.35 -1.49 0.00	68.64 -1.83 0.00	68.50 -1.83 0.00	68.78 -1.76 0.00	69.36 -1.56 0.00	78.08 -1.51 0.00	104.30 -2.34 -0.25	134.38 -2.95 -3.26	143.43 -3.38 0.00	99.97 -1.47 -3.26	97.11 -1.65 -1.81	89.73 -2.01 -0.59	81.38 -1.69 -2.37	76.26 -1.50 -2.78	73.03 -1.49 -3.67	75.42 -1.36 -5.25	100.23 -2.22 -5.98	102.11 -2.03 -7.31	104.20 -1.75 -8.91	101.99 -2.03 -7.28	101.31 -2.03 -6.50	89.01 -1.97 -5.38	95.05 -2.18 -2.45	81.73 -1.84 -3.50
TELGRAPH_34_KV_EAST 80808	67.30 -3.54 0.00	66.17 -4.30 0.00	65.97 -4.36 0.00	66.46 -4.09 0.00	67.16 -3.76 0.00	75.53 -4.06 0.00	98.26 -8.51 -0.39	122.90 -13.67 -2.51	131.75 -16.00 -0.95	95.30 -7.85 -4.97	91.86 -7.85 -2.77	83.93 -8.11 -0.89	77.13 -7.18 -3.61	72.91 -6.30 -4.23	69.93 -6.52 -5.60	73.17 -6.37 -8.01	92.60 -9.55 -5.68	98.97 -9.01 -11.14	101.89 -8.73 -13.58	95.26 -9.67 -8.19	94.75 -9.49 -7.40	85.75 -8.05 -8.21	90.17 -8.34 -3.73	79.80 -5.61 -5.34
TEMPLE___115KV_TB 2 55572	69.42 -1.42 0.00	68.71 -1.76 0.00	68.50 -1.83 0.00	68.78 -1.76 0.00	69.43 -1.49 0.00	78.08 -1.51 0.00	104.30 -2.34 -0.26	134.28 -3.08 -3.30	143.28 -3.52 0.00	99.91 -1.57 -3.30	97.13 -1.65 -1.84	89.74 -2.01 -0.59	81.33 -1.78 -2.40	76.29 -1.50 -2.81	73.08 -1.49 -3.72	75.49 -1.36 -5.32	100.40 -2.12 -6.05	102.30 -1.94 -7.40	104.41 -1.65 -9.02	102.08 -2.03 -7.37	101.49 -1.94 -6.58	89.16 -1.88 -5.45	95.08 -2.18 -2.48	81.77 -1.84 -3.54
TIANA____69_KV_BK 1 55817	107.78 7.23 -29.72	101.23 6.77 -23.99	92.29 6.54 -15.42	94.06 6.77 -16.74	92.23 6.95 -14.35	98.56 8.12 -10.84	148.61 12.13 -30.10	179.51 14.75 -30.70	168.97 16.59 -5.57	140.01 11.19 -30.63	124.56 10.57 -17.05	109.42 9.66 -8.61	111.51 8.55 -22.25	109.18 8.10 -26.10	113.08 7.72 -34.51	138.68 8.44 -58.72	163.51 10.80 -56.23	228.10 11.04 -120.22	224.35 10.87 -116.44	210.03 11.03 -102.25	205.51 11.14 -97.54	153.93 9.84 -58.50	141.52 10.71 -36.03	138.19 8.73 -49.39
TILDEN___115KV_TB1 80814	69.77 -1.06 0.00	69.06 -1.41 0.00	68.85 -1.48 0.00	69.21 -1.34 0.00	69.79 -1.13 0.00	78.48 -1.11 0.00	104.98 -1.70 -0.29	136.18 -2.41 -4.53	144.73 -2.79 -0.71	100.79 -1.18 -3.79	97.79 -1.26 -2.11	90.19 -1.64 -0.68	82.00 -1.45 -2.75	76.93 -1.27 -3.23	73.91 -1.20 -4.27	76.56 -1.07 -6.10	102.90 -1.54 -7.97	103.97 -1.36 -8.49	106.32 -1.07 -10.35	104.74 -1.35 -9.35	103.79 -1.36 -8.30	90.39 -1.46 -6.25	96.01 -1.61 -2.85	82.70 -1.44 -4.07

TRIGEN___CC 323695	105.51 4.96 -29.72	99.11 4.65 -23.99	90.25 4.50 -15.42	91.94 4.66 -16.74	90.17 4.89 -14.35	95.93 5.49 -10.84	144.57 8.09 -30.10	175.03 10.32 -30.64	164.21 11.89 -5.52	137.16 8.35 -30.63	122.23 8.24 -17.05	107.51 7.75 -8.61	109.82 6.86 -22.25	107.45 6.37 -26.10	111.45 6.09 -34.51	136.54 6.29 -58.72	160.56 7.91 -56.18	206.31 8.33 -101.14	205.12 8.44 -99.64	195.88 8.22 -90.91	168.35 8.33 -63.18	151.30 7.28 -58.44	138.67 7.87 -36.03	135.55 6.09 -49.39
TRINITY___115KV___4 BK 55933	79.08 3.12 -5.13	75.53 2.96 -2.10	75.46 2.88 -2.25	75.55 2.96 -2.04	82.38 3.12 -8.33	94.34 3.42 -11.32	113.94 4.68 -2.88	176.00 4.83 -37.11	166.81 5.87 -14.13	139.51 4.22 -37.11	121.76 4.17 -20.65	102.50 4.10 -7.24	111.13 3.47 -26.96	109.89 3.30 -31.62	115.62 2.98 -41.80	134.17 2.86 -59.78	168.38 3.86 -68.05	183.89 3.87 -83.17	202.32 3.88 -101.40	183.73 3.77 -83.21	174.61 3.78 -74.00	150.20 3.34 -61.27	126.64 3.98 -27.88	123.12 3.20 -39.84
UNION___PROCESSING_DRP 323587	68.36 -2.48 0.00	67.51 -2.96 0.00	67.17 -3.16 0.00	67.58 -2.96 0.00	68.37 -2.55 0.00	77.04 -2.55 0.00	102.25 -4.47 -0.34	128.86 -7.78 -2.57	137.79 -9.84 -0.82	98.49 -4.03 -4.33	95.38 -3.97 -2.41	87.47 -4.47 -0.78	79.98 -3.87 -3.15	75.29 -3.37 -3.69	72.25 -3.47 -4.88	75.21 -3.29 -6.98	96.95 -5.02 -5.49	102.00 -4.55 -9.71	104.61 -4.27 -11.83	99.41 -4.93 -7.60	98.84 -4.84 -6.84	88.55 -4.19 -7.15	93.67 -4.36 -3.25	81.76 -2.96 -4.65
UPPER HUDSON___HYD 24058	86.44 5.95 -9.65	80.27 5.85 -3.95	80.39 5.83 -4.23	80.32 5.93 -3.85	92.71 6.10 -15.69	107.67 6.76 -21.31	116.07 6.71 -2.97	180.34 7.91 -38.37	180.35 9.40 -24.14	142.73 6.19 -38.36	124.21 5.91 -21.35	103.68 5.10 -7.43	113.09 4.52 -27.87	111.71 4.05 -32.69	117.74 3.68 -43.21	137.04 3.72 -61.80	172.22 5.40 -70.35	188.64 5.81 -85.99	207.60 5.72 -104.83	188.82 5.80 -86.27	178.86 5.52 -76.50	153.81 4.88 -63.34	129.20 5.59 -28.83	127.83 6.57 -41.19
UPPER RAQUET___HYD 24056	70.84 0.00 0.00	70.90 0.43 0.00	70.89 0.56 0.00	70.90 0.35 0.00	70.71 -0.21 0.00	79.67 0.08 0.00	107.60 1.17 -0.04	136.12 1.48 -0.58	147.69 0.89 0.00	97.00 -1.76 -0.58	97.36 0.10 -0.32	91.44 0.18 -0.10	81.61 0.49 -0.42	75.77 0.30 -0.49	71.93 0.43 -0.65	72.24 -0.21 -0.93	97.24 -0.29 -1.06	97.94 -0.19 -1.29	98.33 -0.29 -1.58	97.55 -0.48 -1.29	97.61 -0.39 -1.15	86.46 -0.09 -0.95	96.07 0.85 -0.43	82.29 1.60 -0.62
VALLEY44_115KV_TB2 355964	68.44 -2.62 -0.23	67.25 -3.31 -0.09	67.19 -3.24 -0.10	67.53 -3.10 -0.09	68.67 -2.62 -0.37	77.30 -2.79 -0.50	96.22 -10.64 -0.48	121.54 -14.88 -2.35	135.96 -12.04 -1.19	95.28 -9.03 -6.13	91.05 -9.31 -3.41	82.78 -9.48 -1.10	76.61 -8.55 -4.46	72.63 -7.57 -5.23	70.11 -7.65 -6.91	73.83 -7.58 -9.88	91.56 -10.90 -5.99	100.13 -10.46 -13.75	103.61 -10.19 -16.76	95.16 -10.84 -9.25	94.48 -10.75 -8.39	86.39 -9.33 -10.13	89.34 -10.05 -4.61	79.13 -7.53 -6.59
VALLEY___115KV_TB 1-4 80826	73.25 2.41 0.00	72.72 2.26 0.00	72.65 2.32 0.00	72.95 2.40 0.00	73.55 2.62 0.00	83.01 3.42 0.00	111.49 5.11 0.00	140.63 6.57 0.00	154.44 7.63 0.00	103.39 5.20 0.00	101.79 4.85 0.00	95.35 4.19 0.00	84.01 3.31 0.00	77.75 2.77 0.00	73.33 2.48 0.00	74.25 2.72 0.00	100.52 4.05 0.00	101.39 4.55 0.00	101.70 4.66 0.00	101.10 4.35 0.00	101.00 4.16 0.00	89.27 3.68 0.00	98.95 4.17 0.00	83.68 3.60 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	76.69 4.53 -1.32	75.24 4.23 -0.54	75.20 4.29 -0.58	75.45 4.37 -0.52	77.53 4.47 -2.14	87.83 5.33 -2.91	114.75 7.34 -1.02	156.67 9.38 -13.22	162.42 10.86 -4.76	118.86 7.46 -13.22	111.18 6.88 -7.35	99.25 6.02 -2.08	95.55 5.25 -9.60	90.96 4.72 -11.26	90.13 4.39 -14.89	97.40 4.58 -21.29	126.98 6.27 -24.24	133.15 6.68 -29.63	140.05 6.89 -36.12	132.86 6.48 -29.63	129.98 6.78 -26.36	113.23 5.82 -21.82	111.16 6.45 -9.93	99.71 5.44 -14.19
VISCHER___FERRY HYD 24020	82.74 4.11 -7.79	77.61 3.94 -3.19	77.61 3.87 -3.41	77.60 3.95 -3.11	87.70 4.11 -12.67	101.41 4.61 -17.21	115.47 6.17 -2.91	179.16 7.50 -37.60	176.25 8.81 -20.64	141.86 6.09 -37.59	123.78 5.91 -20.92	103.98 5.47 -7.36	112.77 4.76 -27.31	111.43 4.42 -32.03	117.30 4.11 -42.35	136.31 4.22 -60.56	171.10 5.69 -68.94	187.01 5.91 -84.26	205.69 5.92 -102.73	187.01 5.80 -84.46	177.42 5.61 -74.97	152.71 5.05 -62.07	128.62 5.59 -28.25	125.16 4.72 -40.36
V_A_10_SYNC_DSASP 323832	66.73 -4.11 0.00	65.68 -4.79 0.00	65.48 -4.85 0.00	65.96 -4.58 0.00	67.23 -3.69 0.00	74.97 -4.62 0.00	98.66 -8.09 -0.37	123.34 -13.27 -2.55	131.71 -16.00 -0.90	96.55 -6.38 -4.75	92.42 -7.17 -2.64	84.54 -7.47 -0.85	77.62 -6.53 -3.45	73.32 -5.70 -4.05	70.39 -5.81 -5.35	73.46 -5.72 -7.66	93.16 -8.97 -5.66	99.07 -8.43 -10.65	101.88 -8.15 -12.99	95.88 -8.90 -8.03	95.27 -8.81 -7.24	86.07 -7.36 -7.85	90.77 -7.59 -3.57	80.05 -5.13 -5.10
V_CMM_10_SYNC_DSASP 323787	70.13 -0.71 0.00	70.19 -0.28 0.00	70.19 -0.14 0.00	70.20 -0.35 0.00	70.07 -0.85 0.00	78.80 -0.80 0.00	105.22 -1.17 0.00	133.26 -0.80 0.00	145.48 -1.32 0.00	95.93 -2.25 0.00	95.39 -1.55 0.00	90.06 -1.09 0.00	79.82 -0.89 0.00	74.08 -0.90 0.00	70.07 -0.78 0.00	70.53 -1.00 0.00	95.32 -1.15 0.00	95.48 -1.36 0.00	95.48 -1.56 0.00	95.39 -1.35 0.00	95.48 -1.36 0.00	84.47 -1.12 0.00	93.55 -1.23 0.00	79.52 -0.56 0.00
V_CMP_10_SYNC_DSASP 323788	70.77 -0.07 0.00	70.82 0.35 0.00	70.61 0.28 0.00	70.76 0.21 0.00	70.57 -0.35 0.00	79.59 0.00 0.00	105.22 -1.17 0.00	133.53 -0.53 0.00	145.93 -0.88 0.00	96.71 -1.47 0.00	96.27 -0.67 0.00	90.79 -0.36 0.00	80.54 -0.16 0.00	74.46 -0.52 0.00	70.14 -0.71 0.00	70.81 -0.72 0.00	96.09 -0.38 0.00	96.74 -0.10 0.00	96.85 -0.19 0.00	96.36 -0.39 0.00	96.36 -0.48 0.00	84.99 -0.59 0.00	93.93 -0.85 0.00	80.47 0.40 0.00
V_D_10_SYNC_DSASP 323841	70.55 -0.28 0.00	70.68 0.21 0.00	70.61 0.28 0.00	70.69 0.14 0.00	70.50 -0.42 0.00	79.27 -0.32 0.00	105.96 -0.42 0.00	134.20 0.13 0.00	146.37 -0.44 0.00	96.02 -2.16 0.00	95.98 -0.97 0.00	90.52 -0.63 0.00	80.38 -0.32 0.00	74.53 -0.45 0.00	70.56 -0.28 0.00	70.95 -0.57 0.00	95.90 -0.58 0.00	96.06 -0.78 0.00	96.17 -0.88 0.00	95.87 -0.87 0.00	95.97 -0.87 0.00	84.99 -0.59 0.00	94.31 -0.47 0.00	80.23 0.16 0.00
V_E_10_SYNC_DSASP 323830	77.18 5.74 -0.61	76.01 5.29 -0.25	76.15 5.55 -0.27	76.64 5.85 -0.24	78.16 6.24 -0.99	88.82 7.88 -1.35	117.78 10.64 -0.75	162.11 13.68 -14.36	164.05 14.68 -2.57	117.91 10.02 -9.70	110.77 8.43 -5.40	99.92 7.02 -1.75	93.73 5.97 -7.05	88.41 5.17 -8.27	86.66 4.88 -10.93	92.74 5.58 -15.63	129.33 8.58 -24.28	128.18 9.59 -21.75	133.65 10.09 -26.52	133.28 9.29 -27.25	130.42 9.50 -24.09	109.32 7.71 -16.02	110.31 8.24 -7.29	97.61 7.12 -10.42
V_F_30_NSYNC___DSASP 323816	85.28 5.03 -9.42	79.26 4.93 -3.86	79.31 4.85 -4.13	79.24 4.94 -3.75	91.34 5.11 -15.31	106.04 5.65 -20.80	116.37 7.02 -2.97	180.77 8.45 -38.26	180.34 9.84 -23.70	143.02 6.58 -38.25	124.53 6.30 -21.29	104.32 5.75 -7.42	113.50 5.01 -27.79	112.22 4.65 -32.59	118.26 4.32 -43.09	137.52 4.36 -61.63	172.70 6.08 -70.15	188.97 6.39 -85.74	207.98 6.40 -104.54	189.15 6.38 -86.02	179.33 6.20 -76.29	154.23 5.48 -63.16	129.60 6.07 -28.74	126.75 5.60 -41.07

V_F_30_SYNC_DSASP 323786	80.38 3.33 -6.21	76.19 3.17 -2.55	76.15 3.09 -2.72	76.20 3.17 -2.48	84.35 3.33 -10.10	96.97 3.66 -13.72	114.29 5.00 -2.90	176.44 4.96 -37.41	169.63 6.02 -16.81	139.91 4.32 -37.41	122.12 4.36 -20.82	102.64 4.19 -7.29	111.51 3.63 -27.18	110.30 3.45 -31.88	116.10 3.12 -42.14	134.80 3.00 -60.26	169.12 4.05 -68.60	184.76 4.07 -83.85	203.25 3.98 -102.23	184.66 3.97 -83.95	175.31 3.87 -74.60	150.69 3.34 -61.77	126.97 4.08 -28.11	123.44 3.20 -40.17
V_XM_10_SYNC_DSASP 323789	70.77 -0.07 0.00	70.82 0.35 0.00	70.61 0.28 0.00	70.76 0.21 0.00	70.57 -0.35 0.00	79.59 0.00 0.00	105.22 -1.17 0.00	133.53 -0.53 0.00	145.93 -0.88 0.00	96.71 -1.47 0.00	96.27 -0.67 0.00	90.79 -0.36 0.00	80.54 -0.16 0.00	74.46 -0.52 0.00	70.14 -0.71 0.00	70.81 -0.72 0.00	96.09 -0.38 0.00	96.74 -0.10 0.00	96.85 -0.19 0.00	96.36 -0.39 0.00	96.36 -0.48 0.00	84.99 -0.59 0.00	93.93 -0.85 0.00	80.47 0.40 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	75.01 3.33 -0.85	73.92 3.10 -0.35	73.65 2.95 -0.37	73.92 3.03 -0.34	75.56 3.26 -1.38	85.20 3.74 -1.87	114.39 5.74 -2.26	170.27 7.11 -29.10	160.52 8.51 -5.20	133.36 6.09 -29.09	119.14 6.01 -16.19	97.50 5.56 -0.79	106.76 4.92 -21.13	104.41 4.65 -24.79	108.01 4.39 -32.77	122.90 4.51 -46.87	155.61 5.79 -53.35	168.05 6.00 -65.21	182.65 6.11 -79.50	167.83 6.00 -65.09	160.86 6.00 -58.01	138.85 5.22 -48.03	122.33 5.69 -21.86	115.55 4.24 -31.24
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	76.28 4.53 -0.91	75.07 4.23 -0.37	74.81 4.08 -0.40	75.14 4.23 -0.36	76.80 4.40 -1.48	86.62 5.01 -2.02	116.42 7.66 -2.38	174.63 9.92 -30.65	163.92 11.60 -5.52	137.07 8.25 -30.64	122.53 8.53 -17.05	107.59 7.84 -8.60	109.91 6.94 -22.26	107.61 6.52 -26.11	111.53 6.16 -34.52	127.12 6.22 -49.37	160.58 7.91 -56.19	173.66 8.13 -68.69	189.03 8.25 -83.74	173.33 8.03 -68.56	165.79 7.84 -61.11	143.03 6.85 -50.60	125.29 7.49 -23.03	118.58 5.61 -32.90
W50THST__13_KV_LOAD 356117	76.35 4.60 -0.91	75.07 4.23 -0.37	74.81 4.08 -0.40	75.14 4.23 -0.36	76.87 4.47 -1.48	86.62 5.01 -2.02	116.42 7.66 -2.38	174.77 10.05 -30.65	163.92 11.60 -5.52	137.17 8.35 -30.64	122.53 8.53 -17.05	107.68 7.93 -8.60	109.99 7.02 -22.26	107.69 6.60 -26.11	111.60 6.23 -34.52	127.19 6.29 -49.37	160.67 8.01 -56.19	173.76 8.23 -68.69	189.03 8.25 -83.74	173.33 8.03 -68.56	165.89 7.94 -61.11	143.12 6.93 -50.60	125.29 7.49 -23.03	118.58 5.61 -32.90
WADING RIVER_IC_1 23522	107.43 6.87 -29.72	100.94 6.48 -23.99	92.01 6.26 -15.42	93.77 6.49 -16.74	91.94 6.66 -14.35	98.08 7.64 -10.84	147.87 11.39 -30.10	178.70 13.94 -30.70	167.93 15.55 -5.57	139.43 10.61 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.88 7.80 -26.10	112.86 7.51 -34.51	138.40 8.15 -58.72	163.13 10.42 -56.24	227.75 10.75 -120.16	224.01 10.58 -116.39	209.61 10.64 -102.22	205.02 10.75 -97.43	153.59 9.50 -58.50	141.14 10.33 -36.03	137.72 8.25 -49.39
WADING RIVER_IC_2 23547	107.43 6.87 -29.72	100.94 6.48 -23.99	92.01 6.26 -15.42	93.77 6.49 -16.74	91.94 6.66 -14.35	98.08 7.64 -10.84	147.87 11.39 -30.10	178.70 13.94 -30.70	167.93 15.55 -5.57	139.43 10.61 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.88 7.80 -26.10	112.86 7.51 -34.51	138.40 8.15 -58.72	163.13 10.42 -56.24	227.75 10.75 -120.16	224.01 10.58 -116.39	209.61 10.64 -102.22	205.02 10.75 -97.43	153.59 9.50 -58.50	141.14 10.33 -36.03	137.72 8.25 -49.39
WADING RIVER_IC_3 23601	107.43 6.87 -29.72	100.94 6.48 -23.99	92.01 6.26 -15.42	93.77 6.49 -16.74	91.94 6.66 -14.35	98.08 7.64 -10.84	147.87 11.39 -30.10	178.70 13.94 -30.70	167.93 15.55 -5.57	139.43 10.61 -30.64	124.26 10.27 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.88 7.80 -26.10	112.86 7.51 -34.51	138.40 8.15 -58.72	163.13 10.42 -56.24	227.75 10.75 -120.16	224.01 10.58 -116.39	209.61 10.64 -102.22	205.02 10.75 -97.43	153.59 9.50 -58.50	141.14 10.33 -36.03	137.72 8.25 -49.39
WALDENNY_12_KV_BK2 80841	67.93 -2.90 0.00	66.73 -3.73 0.00	66.60 -3.73 0.00	67.09 -3.46 0.00	67.87 -3.05 0.00	76.33 -3.26 0.00	97.98 -8.83 -0.43	122.42 -14.08 -2.43	133.04 -14.83 -1.06	95.94 -7.76 -5.51	92.26 -7.76 -3.07	84.12 -8.02 -0.99	77.44 -7.26 -4.00	73.37 -6.30 -4.69	70.47 -6.59 -6.21	73.90 -6.51 -8.88	92.35 -9.94 -5.82	99.80 -9.39 -12.35	103.07 -9.02 -15.06	95.55 -9.87 -8.68	94.91 -9.78 -7.85	86.47 -8.22 -9.10	90.39 -8.53 -4.14	80.22 -5.77 -5.92
WALDEN__HYDRO 24148	74.98 3.26 -0.88	73.93 3.10 -0.36	73.60 2.88 -0.39	73.93 3.03 -0.35	75.62 3.26 -1.43	85.28 3.74 -1.94	114.28 5.64 -2.26	170.05 6.84 -29.15	159.98 7.93 -5.25	132.93 5.60 -29.15	118.59 5.43 -16.22	100.16 5.01 -4.00	106.32 4.44 -21.17	104.01 4.20 -24.84	107.72 4.04 -32.83	122.63 4.15 -46.96	155.32 5.40 -53.45	167.89 5.71 -65.33	182.61 5.92 -79.65	167.66 5.71 -65.21	160.78 5.81 -58.13	138.68 4.96 -48.13	122.08 5.40 -21.90	115.45 4.08 -31.30
WARRENSBURG____ 23737	86.44 5.95 -9.65	80.27 5.85 -3.95	80.39 5.83 -4.23	80.32 5.93 -3.85	92.71 6.10 -15.69	107.67 6.76 -21.31	116.07 6.71 -2.97	180.34 7.91 -38.37	180.35 9.40 -24.14	142.73 6.19 -38.36	124.21 5.91 -21.35	103.68 5.10 -7.43	113.09 4.52 -27.87	111.71 4.05 -32.69	117.74 3.68 -43.21	137.04 3.72 -61.80	172.22 5.40 -70.35	188.64 5.81 -85.99	207.60 5.72 -104.83	188.82 5.80 -86.27	178.86 5.52 -76.50	153.81 4.88 -63.34	129.20 5.59 -28.83	127.83 6.57 -41.19
WATERSIDE____6 8 9 23538	75.93 4.18 -0.91	74.65 3.81 -0.37	74.32 3.59 -0.40	74.65 3.74 -0.36	76.31 3.90 -1.48	85.83 4.22 -2.02	115.46 6.70 -2.38	173.70 8.98 -30.66	162.71 11.16 -4.75	136.34 7.95 -30.21	121.85 7.85 -17.06	107.04 7.29 -8.59	109.43 6.46 -22.27	107.09 6.00 -26.12	111.12 5.74 -34.53	126.70 5.79 -49.38	160.01 7.33 -56.21	173.01 7.46 -68.71	188.38 7.57 -83.77	172.68 7.35 -68.58	165.61 7.65 -61.12	139.07 6.85 -46.63	124.11 7.20 -22.13	110.60 5.52 -25.00
WATKINRD_115KV_LN8_ILLION 55919	75.09 4.25 0.00	74.56 4.09 0.00	74.48 4.15 0.00	74.78 4.23 0.00	75.46 4.54 0.00	85.40 5.81 0.00	114.68 8.30 0.00	144.79 10.73 0.00	158.99 12.18 0.00	106.43 8.25 0.00	104.51 7.56 0.00	97.90 6.75 0.00	86.19 5.49 0.00	79.63 4.65 0.00	75.03 4.18 0.00	76.03 4.51 0.00	103.22 6.75 0.00	104.30 7.46 0.00	104.71 7.67 0.00	104.00 7.26 0.00	103.81 6.97 0.00	91.75 6.16 0.00	101.70 6.92 0.00	86.08 6.01 0.00
WATSON____69_KV_BK 1 55734	107.78 7.23 -29.72	101.23 6.77 -23.99	92.29 6.54 -15.42	93.99 6.70 -16.74	92.23 6.95 -14.35	98.48 8.04 -10.84	148.29 11.81 -30.10	179.21 14.48 -30.67	168.94 16.59 -5.55	140.11 11.29 -30.63	124.95 10.95 -17.05	109.79 10.03 -8.61	111.84 8.88 -22.25	109.48 8.40 -26.10	113.36 8.01 -34.51	138.90 8.65 -58.72	163.58 10.90 -56.21	219.11 11.52 -110.75	216.59 11.45 -108.10	204.59 11.22 -96.62	188.75 11.43 -80.48	154.07 10.01 -58.47	141.80 10.99 -36.03	138.19 8.73 -49.39
WDELAWARE__HYD 323627	74.97 3.19 -0.94	73.95 3.10 -0.39	73.70 2.95 -0.41	74.02 3.10 -0.37	75.79 3.33 -1.53	85.57 3.90 -2.08	114.46 5.95 -2.12	168.28 6.83 -27.38	159.98 8.07 -5.11	131.15 5.59 -27.37	117.31 5.13 -15.23	99.62 4.65 -3.82	104.70 4.11 -19.89	102.20 3.90 -23.32	105.51 3.82 -30.84	119.70 4.07 -44.10	152.17 5.50 -50.20	164.11 5.91 -61.36	178.06 6.22 -74.81	163.99 6.00 -61.25	157.53 6.10 -54.59	135.92 5.14 -45.20	121.04 5.69 -20.57	113.71 4.24 -29.39

WEST BABYLON___IC 23714	107.29 6.73 -29.72	100.73 6.27 -23.99	91.80 6.05 -15.42	93.50 6.21 -16.74	91.73 6.45 -14.35	97.84 7.40 -10.84	147.44 10.96 -30.10	178.25 13.54 -30.64	167.74 15.41 -5.52	139.42 10.60 -30.63	124.27 10.28 -17.05	109.24 9.48 -8.61	111.35 8.39 -22.25	108.95 7.87 -26.10	112.94 7.58 -34.51	138.33 8.08 -58.72	162.88 10.23 -56.18	211.05 10.75 -103.46	209.50 10.77 -101.68	199.58 10.55 -92.29	174.95 10.75 -67.37	153.45 9.41 -58.45	141.04 10.24 -36.03	137.55 8.09 -49.39
WEST CANADA___HYD 24049	71.62 0.78 0.00	71.17 0.70 0.00	71.03 0.70 0.00	71.25 0.71 0.00	71.70 0.78 0.00	80.55 0.96 0.00	107.67 1.28 0.00	135.68 1.61 0.00	148.71 1.90 0.00	99.56 1.37 0.00	98.20 1.26 0.00	92.25 1.10 0.00	81.68 0.97 0.00	75.88 0.90 0.00	71.70 0.85 0.00	72.39 0.86 0.00	97.63 1.16 0.00	98.10 1.26 0.00	98.30 1.26 0.00	97.91 1.17 0.00	98.10 1.26 0.00	86.62 1.03 0.00	95.92 1.14 0.00	80.95 0.88 0.00
WESTERN_NY_WIND 24143	68.43 -2.41 0.00	67.37 -3.10 0.00	67.09 -3.24 0.00	67.58 -2.96 0.00	68.37 -2.55 0.00	77.04 -2.55 0.00	100.81 -5.96 -0.38	126.39 -10.19 -2.52	135.26 -12.48 -0.93	97.38 -5.69 -4.89	93.85 -5.82 -2.72	85.74 -6.29 -0.88	78.61 -5.65 -3.55	74.27 -4.87 -4.17	71.26 -5.10 -5.51	74.55 -4.86 -7.88	94.89 -7.24 -5.65	101.22 -6.59 -10.97	104.20 -6.21 -13.37	97.71 -7.16 -8.12	97.10 -7.07 -7.33	87.68 -5.99 -8.08	92.30 -6.16 -3.68	81.40 -3.92 -5.25
WESTOVER___LESR 323668	71.32 0.07 -0.41	70.28 -0.35 -0.17	70.16 -0.35 -0.18	70.43 -0.28 -0.16	71.59 0.00 -0.66	80.65 0.16 -0.90	106.21 -0.96 -0.78	140.87 -1.61 -8.41	147.57 -1.32 -2.09	107.82 -0.39 -10.03	101.85 -0.68 -5.58	91.86 -1.09 -1.80	87.02 -0.97 -7.29	82.70 -0.82 -8.55	81.22 -0.92 -11.30	86.97 -0.72 -16.16	111.56 -1.06 -16.15	118.55 -0.77 -22.48	123.96 -0.49 -27.41	116.41 -0.87 -20.53	114.42 -0.77 -18.36	101.38 -0.77 -16.56	101.37 -0.95 -7.54	90.12 -0.72 -10.77
WETHRSFD_WT_PWR 323626	68.23 -2.84 -0.23	67.04 -3.52 -0.09	66.91 -3.51 -0.10	67.39 -3.24 -0.09	68.95 -2.34 -0.37	77.07 -3.02 -0.50	99.20 -7.66 -0.48	124.08 -11.93 -1.95	135.23 -12.77 -1.19	98.04 -6.29 -6.14	92.99 -7.37 -3.42	84.51 -7.75 -1.10	78.14 -7.02 -4.46	73.99 -6.22 -5.23	71.39 -6.38 -6.92	75.13 -6.29 -9.89	92.93 -8.97 -5.43	102.47 -8.13 -13.77	106.06 -7.77 -16.78	97.01 -8.51 -8.78	96.49 -8.33 -7.98	88.63 -7.10 -10.14	91.91 -7.49 -4.61	81.46 -5.20 -6.59
WHAVSTOR_138KV_BK127 55557	74.73 3.05 -0.85	73.64 2.82 -0.35	73.37 2.67 -0.37	73.64 2.75 -0.34	75.28 2.98 -1.38	84.89 3.42 -1.87	113.86 5.21 -2.26	169.77 6.57 -29.14	159.94 7.93 -5.21	133.01 5.69 -29.14	118.78 5.62 -16.21	97.11 5.20 -0.76	106.47 4.60 -21.17	104.15 4.35 -24.83	107.78 4.11 -32.82	122.69 4.22 -46.94	155.21 5.31 -53.43	167.76 5.62 -65.31	182.39 5.73 -79.62	167.45 5.51 -65.19	160.56 5.62 -58.10	138.58 4.88 -48.11	121.89 5.21 -21.89	115.28 3.92 -31.28
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	74.73 3.05 -0.85	73.64 2.82 -0.35	73.37 2.67 -0.37	73.64 2.75 -0.34	75.28 2.98 -1.38	84.89 3.42 -1.87	113.86 5.21 -2.26	169.77 6.57 -29.14	159.94 7.93 -5.21	133.01 5.69 -29.14	118.78 5.62 -16.21	97.11 5.20 -0.76	106.47 4.60 -21.17	104.15 4.35 -24.83	107.78 4.11 -32.82	122.69 4.22 -46.94	155.21 5.31 -53.43	167.76 5.62 -65.31	182.39 5.73 -79.62	167.45 5.51 -65.19	160.56 5.62 -58.10	138.58 4.88 -48.11	121.89 5.21 -21.89	115.28 3.92 -31.28
WHITEHAL_115KV_TB1 80871	86.77 6.38 -9.55	80.66 6.27 -3.91	80.78 6.26 -4.19	80.78 6.42 -3.81	92.91 6.45 -15.53	108.01 7.32 -21.10	117.23 7.87 -2.97	181.90 9.52 -38.32	181.92 11.16 -23.96	143.57 7.07 -38.32	125.05 6.79 -21.32	104.41 5.83 -7.42	113.62 5.08 -27.83	112.20 4.57 -32.65	118.19 4.18 -43.16	137.55 4.29 -61.73	173.20 6.46 -70.26	189.70 6.97 -85.88	208.73 6.99 -104.71	189.97 7.06 -86.16	179.83 6.59 -76.41	154.59 5.73 -63.26	130.02 6.45 -28.79	128.18 6.97 -41.14
WHITEPLN_13_KV_LOAD 356215	76.28 4.53 -0.91	75.07 4.23 -0.37	74.88 4.15 -0.40	75.14 4.23 -0.36	76.86 4.47 -1.47	86.61 5.01 -2.00	116.30 7.55 -2.36	174.49 9.92 -30.50	164.04 11.74 -5.49	137.03 8.35 -30.50	122.06 8.14 -16.97	107.33 7.47 -8.71	109.48 6.62 -22.15	107.11 6.15 -25.99	111.08 5.88 -34.35	126.60 5.94 -49.13	160.21 7.81 -55.93	173.43 8.23 -68.36	188.73 8.35 -83.34	173.01 8.03 -68.23	165.79 8.13 -60.82	142.88 6.93 -50.36	125.18 7.49 -22.92	118.58 5.77 -32.75
WM_FLOYD_69_KV_BK2 356380	107.43 6.87 -29.72	100.87 6.41 -23.99	91.94 6.19 -15.42	93.71 6.42 -16.74	91.87 6.60 -14.35	98.08 7.64 -10.84	147.98 11.49 -30.10	178.70 13.94 -30.70	168.23 15.85 -5.58	139.62 10.80 -30.63	124.36 10.37 -17.05	109.15 9.39 -8.61	111.27 8.31 -22.25	108.95 7.87 -26.10	112.94 7.58 -34.51	138.47 8.23 -58.72	163.13 10.42 -56.24	228.25 10.85 -120.56	224.55 10.77 -116.74	209.84 10.64 -102.46	205.84 10.85 -98.15	153.67 9.59 -58.50	141.23 10.43 -36.03	137.87 8.41 -49.39
WOODARD___115KV_TB2 355635	69.28 -1.56 0.00	68.57 -1.90 0.00	68.43 -1.90 0.00	68.71 -1.83 0.00	69.29 -1.63 0.00	77.92 -1.67 0.00	104.09 -2.55 -0.26	135.12 -2.28 -3.33	144.16 -2.64 0.00	100.43 -1.08 -3.33	97.64 -1.16 -1.85	90.20 -1.55 -0.60	81.75 -1.37 -2.42	76.62 -1.20 -2.84	73.47 -1.13 -3.75	75.89 -1.00 -5.37	100.27 -2.32 -6.11	102.18 -2.13 -7.47	104.30 -1.84 -9.10	102.05 -2.13 -7.44	101.35 -2.13 -6.64	89.04 -2.05 -5.50	95.01 -2.27 -2.50	81.73 -1.92 -3.58
YORK___WARBASSE 23770	76.14 4.39 -0.91	74.79 3.95 -0.37	74.46 3.73 -0.40	74.79 3.88 -0.36	76.52 4.11 -1.48	85.99 4.38 -2.02	115.78 7.02 -2.38	174.11 9.38 -30.66	169.32 11.60 -10.92	140.33 8.35 -33.80	122.24 8.24 -17.06	107.40 7.66 -8.59	109.75 6.78 -22.27	107.39 6.30 -26.12	111.40 6.02 -34.53	126.99 6.08 -49.38	160.56 7.81 -56.27	173.39 7.84 -68.71	188.86 8.05 -83.77	173.16 7.84 -68.58	166.35 8.33 -61.19	171.48 7.36 -78.53	131.83 7.68 -29.37	174.23 5.85 -88.31