

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										12/05/2025		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
59TH STREET_GT_1	24138	176.50	149.70	133.08	129.44	128.31	138.49	176.11	215.82	191.08	180.43	151.51	147.49	139.19	133.96	149.30	182.69	198.01	235.49	208.05	189.45	172.56	161.83	147.85	140.28				
		8.08	6.03	5.12	4.38	4.46	5.45	8.86	11.45	10.48	10.20	8.51	7.95	7.69	7.36	7.98	9.54	12.07	13.54	11.96	11.23	9.56	7.83	7.58	6.68				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-8.26	-7.91	-15.25	-14.92	-13.35	-14.68	-16.75	-0.30	0.00	0.00	0.00	-0.89	-21.24	0.00	0.00				
74TH STREET_GT_1	24260	176.83	149.98	133.34	129.81	128.68	138.89	176.44	216.03	191.44	180.75	151.64	147.62	139.31	134.19	149.43	182.85	198.19	235.94	208.25	189.81	172.72	161.96	148.13	140.55				
		8.42	6.32	5.37	4.75	4.83	5.85	9.20	11.65	10.84	10.53	8.65	8.08	7.81	7.59	8.10	9.70	12.25	13.98	12.16	11.58	9.73	7.97	7.86	6.95				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-8.26	-7.91	-15.25	-14.92	-13.35	-14.68	-16.75	-0.30	0.00	0.00	0.00	-0.89	-21.25	0.00	0.00				
74TH STREET_GT_2	24261	176.83	149.98	133.34	129.81	128.68	138.89	176.44	216.03	191.44	180.75	151.64	147.62	139.31	134.19	149.43	182.85	198.19	235.94	208.25	189.81	172.72	161.96	148.13	140.55				
		8.42	6.32	5.37	4.75	4.83	5.85	9.20	11.65	10.84	10.53	8.65	8.08	7.81	7.59	8.10	9.70	12.25	13.98	12.16	11.58	9.73	7.97	7.86	6.95				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-8.26	-7.91	-15.25	-14.92	-13.35	-14.68	-16.75	-0.30	0.00	0.00	0.00	-0.89	-21.25	0.00	0.00				
ADK HUDSON___FALLS	24011	181.72	154.72	137.18	134.32	133.01	143.54	181.04	222.16	196.14	185.61	155.66	152.57	143.52	137.78	154.15	189.14	201.05	240.15	212.36	192.84	176.82	169.62	151.50	144.15				
		13.30	11.06	9.21	9.25	9.16	10.51	13.71	17.78	15.53	13.44	10.81	9.45	8.51	8.04	9.37	12.04	15.04	18.20	16.28	14.61	13.62	10.62	11.22	10.55				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	-10.20	-9.77	-18.83	-18.43	-16.49	-18.13	-20.69	-0.37	0.00	0.00	0.00	-1.10	-26.25	0.00	0.00				
ADK RESOURCE___RCVRY	23798	182.90	155.73	137.95	135.07	133.76	144.48	182.20	223.39	197.40	186.76	156.48	153.33	144.12	138.36	154.79	190.09	202.16	241.70	213.74	193.91	177.80	170.40	152.34	144.95				
		14.49	12.07	9.99	10.01	9.91	11.44	14.88	19.01	16.80	14.58	11.62	10.19	9.10	8.60	10.00	12.97	16.14	19.75	17.66	15.69	14.60	11.42	12.07	11.35				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	-10.21	-9.78	-18.85	-18.45	-16.51	-18.15	-20.71	-0.37	0.00	0.00	0.00	-1.10	-26.22	0.00	0.00				
ADK S GLENS___FALLS	24028	181.72	154.72	137.18	134.32	133.01	143.54	181.04	222.16	196.14	185.61	155.66	152.57	143.52	137.78	154.15	189.14	201.05	240.15	212.36	192.84	176.82	169.62	151.50	144.15				
		13.30	11.06	9.21	9.25	9.16	10.51	13.71	17.78	15.53	13.44	10.81	9.45	8.51	8.04	9.37	12.04	15.04	18.20	16.28	14.61	13.62	10.62	11.22	10.55				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	-10.20	-9.77	-18.83	-18.43	-16.49	-18.13	-20.69	-0.37	0.00	0.00	0.00	-1.10	-26.25	0.00	0.00				
ADK_NYS___DAM	23527	177.50	150.98	134.23	131.06	129.79	139.95	176.80	215.41	190.71	181.05	152.18	149.22	140.68	135.34	150.93	184.65	196.57	235.95	208.65	189.98	173.55	166.57	149.12	141.88				
		9.09	7.32	6.27	6.00	5.94	6.91	9.53	11.03	10.11	9.55	7.97	7.33	6.88	6.68	7.34	8.91	10.58	13.99	12.56	11.76	10.38	8.50	8.84	8.29				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	-9.53	-9.13	-17.60	-17.22	-15.41	-16.94	-19.33	-0.35	0.00	0.00	0.00	-1.06	-25.31	0.00	0.00				
AIR_PRODUCTS___DRP	24190	174.48	148.55	132.19	129.19	127.81	137.69	173.46	210.10	185.48	176.68	149.25	146.71	138.35	133.04	148.47	181.71	191.94	228.61	202.17	184.10	168.68	162.62	145.75	138.81				
		6.06	4.88	4.22	4.13	3.96	4.66	6.19	5.72	4.88	4.86	4.73	4.23	3.96	3.85	4.31	5.32	5.94	6.66	6.08	5.88	5.51	4.51	5.47	5.21				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	-9.86	-9.44	-18.20	-17.81	-15.93	-17.52	-19.99	-0.36	0.00	0.00	0.00	-1.06	-25.35	0.00	0.00				
AKWESSNE_115KV_BK	355683	169.26	144.81	129.12	126.44	125.09	134.36	168.57	206.01	181.87	162.78	135.63	124.91	117.04	113.82	127.27	157.34	186.38	223.06	197.07	178.76	162.59	133.02	140.70	134.13				
		0.84	1.15	1.15	1.38	1.24	1.33	1.34	1.64	1.26	0.81	0.54	0.62	0.47	0.57	0.63	0.94	0.74	1.11	0.98	0.53	0.49	0.27	0.42	0.53				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR	323833	176.50	150.41	133.73	130.69	129.29	139.29	175.29	212.96	187.84	177.85	149.54	146.73	138.35	133.18	148.88	182.71	194.16	231.71	204.71	186.42	170.46	163.61	147.01	140.14				
		8.08	6.75	5.76	5.63	5.44	6.25	8.03	8.58	7.23	6.15	5.13	4.47	4.19	4.19	4.93	6.57	8.16	9.75	8.62	8.20	7.30	5.83	6.73	6.54				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-9.73	-9.32	-17.97	-17.59	-15.74	-17.30	-19.74	-0.36	0.00	0.00	0.00	-1.05	-25.02	0.00	0.00				
ALBANY_2_SOLAR	323834	176.50	150.41	133.59	130.69	129.29	139.16	175.29	212.96	187.64	177.85	149.54	146.73	138.36	133.06	148.88	182.56	193.97	231.71	204.71	186.25	170.28	163.61	146.87	140.14				
		8.08	6.75	5.62	5.63	5.44	6.12	8.03	8.58	7.04	6.15	5.13	4.47	4.19	4.07	4.93	6.42	7.98	9.75	8.62	8.03	7.12	5.83	6.59	6.54				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-9.73	-9.32	-17.97	-17.59	-15.74	-17.30	-19.74	-0.36	0.00	0.00	0.00	-1.05	-25.02	0.00	0.00				
ALBANY___I	23571	174.48	148.55	132.19	129.19	127.81	137.69	173.46	210.10	185.48	176.68	149.25	146.71	138.35	133.04	148.47	181.71	191.94	228.61	202.17	184.10	168.68	162.62	145.75	138.81				
		6.06	4.88	4.22	4.13	3.96	4.66	6.19	5.72	4.88	4.86	4.73	4.23	3.96	3.85	4.31	5.32	5.94	6.66	6.08	5.88	5.51	4.51	5.47	5.21				
		0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	-9.86	-9.44	-18.20	-17.81	-15.93	-17.52	-19.99	-0.36	0.00	0.00	0.00	-1.06	-25.35	0.00	0.00				

ALBANY___2 23572	174.48 6.06 0.00	148.55 4.88 0.00	132.19 4.22 0.00	129.19 4.13 0.00	127.81 3.96 0.00	137.69 4.66 0.00	173.46 6.19 -0.04	210.10 5.72 0.00	185.48 4.88 0.00	176.68 4.86 -9.86	149.25 4.73 -9.44	146.71 4.23 -18.20	138.35 3.96 -17.81	133.04 3.85 -15.93	148.47 4.31 -17.52	181.71 5.32 -19.99	191.94 5.94 -0.36	228.61 6.66 0.00	202.17 6.08 0.00	184.10 5.88 0.00	168.68 5.51 -1.06	162.62 4.51 -25.35	145.75 5.47 0.00	138.81 5.21 0.00
ALBANY___3 23573	174.48 6.06 0.00	148.55 4.88 0.00	132.19 4.22 0.00	129.19 4.13 0.00	127.81 3.96 0.00	137.69 4.66 0.00	173.46 6.19 -0.04	210.10 5.72 0.00	185.48 4.88 0.00	176.68 4.86 -9.86	149.25 4.73 -9.44	146.71 4.23 -18.20	138.35 3.96 -17.81	133.04 3.85 -15.93	148.47 4.31 -17.52	181.71 5.32 -19.99	191.94 5.94 -0.36	228.61 6.66 0.00	202.17 6.08 0.00	184.10 5.88 0.00	168.68 5.51 -1.06	162.62 4.51 -25.35	145.75 5.47 0.00	138.81 5.21 0.00
ALBANY___4 23574	174.48 6.06 0.00	148.55 4.88 0.00	132.19 4.22 0.00	129.19 4.13 0.00	127.81 3.96 0.00	137.69 4.66 0.00	173.46 6.19 -0.04	210.10 5.72 0.00	185.48 4.88 0.00	176.68 4.86 -9.86	149.25 4.73 -9.44	146.71 4.23 -18.20	138.35 3.96 -17.81	133.04 3.85 -15.93	148.47 4.31 -17.52	181.71 5.32 -19.99	191.94 5.94 -0.36	228.61 6.66 0.00	202.17 6.08 0.00	184.10 5.88 0.00	168.68 5.51 -1.06	162.62 4.51 -25.35	145.75 5.47 0.00	138.81 5.21 0.00
ALBANY___LFGE 323615	176.00 7.59 0.00	149.83 6.17 0.00	133.21 5.25 0.00	130.19 5.13 0.00	128.81 4.96 0.00	138.75 5.72 0.00	174.82 7.53 -0.05	211.73 7.35 0.00	187.29 6.69 0.00	178.36 6.49 -9.90	150.66 6.08 -9.48	148.04 5.46 -18.28	139.48 5.01 -17.89	134.13 4.87 -16.01	149.81 5.57 -17.60	183.21 6.72 -20.09	193.62 7.61 -0.36	230.84 8.89 0.00	204.13 8.04 0.00	185.71 7.48 0.00	170.14 6.97 -1.07	163.91 5.70 -25.45	146.87 6.59 0.00	139.88 6.28 0.00
ALCOA_PA_115KV_PL-6C 55860	171.28 2.86 0.00	146.68 3.02 0.00	130.78 2.82 0.00	128.06 3.00 0.00	126.70 2.85 0.00	136.09 3.06 0.00	170.58 3.34 0.00	208.47 4.09 0.00	183.86 3.25 0.00	164.56 2.59 0.00	136.98 1.89 0.00	126.16 1.86 0.00	118.21 1.63 0.00	114.84 1.59 0.00	128.41 1.77 0.00	158.75 2.35 0.00	188.24 2.60 0.00	225.51 3.55 0.00	199.03 2.94 0.00	180.72 2.50 0.00	164.38 2.27 0.00	134.34 1.59 0.00	142.24 1.96 0.00	135.60 2.00 0.00
ALCOA_RYNLDS___DRP 24188	171.28 2.86 0.00	146.68 3.02 0.00	130.78 2.82 0.00	128.06 3.00 0.00	126.70 2.85 0.00	136.09 3.06 0.00	170.58 3.34 0.00	208.47 4.09 0.00	183.86 3.25 0.00	164.56 2.59 0.00	136.98 1.89 0.00	126.16 1.86 0.00	118.21 1.63 0.00	114.84 1.59 0.00	128.41 1.77 0.00	158.75 2.35 0.00	188.24 2.60 0.00	225.51 3.55 0.00	199.03 2.94 0.00	180.72 2.50 0.00	164.38 2.27 0.00	134.34 1.59 0.00	142.24 1.96 0.00	135.60 2.00 0.00
ALCOA___DSASP 323711	171.28 2.86 0.00	146.68 3.02 0.00	130.78 2.82 0.00	128.06 3.00 0.00	126.70 2.85 0.00	136.09 3.06 0.00	170.58 3.34 0.00	208.47 4.09 0.00	183.86 3.25 0.00	164.56 2.59 0.00	136.98 1.89 0.00	126.16 1.86 0.00	118.21 1.63 0.00	114.84 1.59 0.00	128.41 1.77 0.00	158.75 2.35 0.00	188.24 2.60 0.00	225.51 3.55 0.00	199.03 2.94 0.00	180.72 2.50 0.00	164.38 2.27 0.00	134.34 1.59 0.00	142.24 1.96 0.00	135.60 2.00 0.00
ALLEGHENY___COGEN 23514	133.67 -19.03 15.71	115.08 -16.09 12.49	106.05 -13.82 8.09	104.69 -13.01 7.36	103.53 -13.13 7.18	105.30 -16.90 10.84	126.03 -24.58 16.63	164.09 -26.36 13.92	145.75 -25.10 9.76	122.17 -25.42 14.37	102.44 -20.80 11.85	94.48 -19.63 10.18	89.19 -18.42 8.97	87.24 -17.78 8.23	96.03 -20.26 10.35	118.96 -22.99 14.45	142.48 -23.76 19.40	175.94 -27.75 18.26	152.79 -24.91 18.40	137.17 -22.81 18.24	126.06 -20.27 15.78	105.74 -16.60 10.42	110.79 -17.26 12.23	113.46 -8.95 11.19
ALTAMONT_115KV_TB 2 55880	173.30 4.88 0.00	147.54 3.88 0.00	131.29 3.33 0.00	128.19 3.13 0.00	126.94 3.10 0.00	136.76 3.72 0.00	172.28 5.02 -0.03	209.90 5.52 0.00	185.48 4.88 0.00	176.48 4.70 -9.82	148.68 4.19 -9.40	146.27 3.85 -18.12	137.93 3.61 -17.74	132.63 3.51 -15.87	148.02 3.93 -17.45	181.01 4.69 -19.91	191.57 5.57 -0.36	228.17 6.21 0.00	201.58 5.49 0.00	183.57 5.35 0.00	168.03 4.86 -1.06	162.12 4.12 -25.25	144.77 4.49 0.00	137.74 4.14 0.00
ALTONA_WT_PWR 323606	171.27 2.86 0.00	146.82 3.16 0.00	131.03 3.07 0.00	128.56 3.50 0.00	127.31 3.46 0.00	136.75 3.72 0.00	171.75 4.52 0.00	209.68 5.31 0.00	184.93 4.33 0.00	165.37 3.41 0.00	137.79 2.70 0.00	127.02 2.73 0.00	119.14 2.56 0.00	115.86 2.61 0.00	129.67 3.03 0.00	160.32 3.91 0.00	189.91 4.27 0.00	227.27 5.32 0.00	200.40 4.31 0.00	181.60 3.38 0.00	165.03 2.92 0.00	134.87 2.12 0.00	142.52 2.24 0.00	135.87 2.27 0.00
AMERICAN_REF_FUEL 24010	130.52 -22.40 15.49	112.81 -18.53 12.32	104.37 -15.62 7.98	102.79 -15.01 7.26	101.90 -14.87 7.08	101.86 -20.48 10.69	118.45 -32.44 16.35	150.10 -35.97 18.31	128.86 -34.13 17.62	117.03 -30.78 14.16	100.30 -23.10 11.68	92.72 -21.50 10.07	87.97 -19.70 8.90	85.61 -19.48 8.16	93.74 -22.67 10.24	112.36 -29.72 14.33	133.71 -32.86 19.07	165.33 -38.63 18.00	142.86 -35.10 18.13	127.81 -32.44 17.98	117.38 -29.18 15.55	99.53 -22.83 10.39	105.65 -22.59 12.05	104.00 -18.57 11.03
ARKWRIGHT___SUMMIT_WT_PWR 323751	140.83 -11.79 15.79	120.47 -10.63 12.56	110.75 -9.08 8.14	108.28 -9.38 7.40	107.09 -9.53 7.22	107.64 -14.50 10.89	128.31 -22.24 16.68	160.89 -24.74 18.75	139.97 -22.40 18.23	126.17 -21.38 14.42	105.91 -17.29 11.88	98.18 -15.91 10.21	93.11 -14.46 9.01	91.16 -13.82 8.27	100.56 -15.71 10.38	122.93 -18.93 14.54	144.27 -21.91 19.47	178.30 -25.31 18.35	154.07 -23.54 18.48	137.79 -22.11 18.33	125.34 -20.91 15.85	104.88 -17.39 10.48	109.76 -18.23 12.28	107.39 -14.96 11.25
ARTHUR KILL_GT_1 23520	177.34 8.93 0.00	150.41 6.75 0.00	133.98 6.01 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.11 8.86 -0.01	214.60 10.22 0.00	189.27 8.67 0.00	178.81 8.58 -8.26	149.61 6.62 -7.91	145.63 6.09 -15.25	137.44 5.95 -14.92	132.38 5.78 -13.35	147.53 6.21 -14.68	180.51 7.35 -16.75	195.97 10.02 -0.30	233.50 11.54 0.00	206.28 10.20 0.00	188.02 9.80 0.00	170.78 7.78 -0.89	161.03 7.04 -21.25	147.71 7.43 0.00	140.55 6.95 0.00
ARTHUR_KILL_2 23512	176.83 8.42 0.00	149.98 6.31 0.00	133.46 5.50 0.00	129.69 4.63 0.00	128.55 4.71 0.00	138.62 5.59 0.00	175.44 8.19 -0.01	213.16 8.78 0.00	188.74 8.13 0.00	178.32 8.09 -8.26	149.21 6.22 -7.91	145.38 5.84 -15.25	137.21 5.71 -14.92	132.04 5.44 -13.35	147.15 5.83 -14.68	180.03 6.87 -16.75	194.85 8.91 -0.30	232.83 10.87 0.00	205.50 9.41 0.00	187.31 9.08 0.00	170.30 7.30 -0.89	160.64 6.63 -21.25	147.29 7.01 0.00	140.01 6.41 0.00
ARTHUR_KILL_3 23513	174.46 6.05 0.01	147.97 4.31 0.00	131.54 3.58 0.00	128.06 3.00 0.00	126.82 2.97 0.00	137.02 3.99 0.00	174.10 6.86 -0.01	212.56 8.18 0.00	189.09 8.49 0.00	178.64 8.42 -8.26	149.88 6.89 -7.91	146.12 6.58 -15.25	137.79 6.29 -14.92	132.71 6.11 -13.35	147.77 6.46 -14.68	180.82 7.66 -16.75	195.22 9.28 -0.30	233.05 11.09 0.00	205.69 9.61 0.00	187.48 9.26 0.00	170.78 7.78 -0.89	160.37 6.37 -21.25	146.31 6.03 0.00	138.67 5.08 0.00

ARTHUR_KILL_COGEN 323718	177.33 8.92 0.00	150.41 6.75 0.00	133.98 6.02 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	175.93 8.69 -0.01	213.79 9.41 0.00	189.27 8.67 0.00	178.80 8.58 -8.26	149.61 6.62 -7.91	145.63 6.09 -15.25	137.44 5.94 -14.92	132.38 5.77 -13.35	147.52 6.20 -14.68	180.51 7.35 -16.75	195.41 9.46 -0.30	233.49 11.53 0.00	206.28 10.19 0.00	188.02 9.80 0.00	170.78 7.78 -0.89	161.03 7.03 -21.25	147.71 7.43 0.00	140.41 6.81 0.00
ASHOKAN____ 23654	178.01 9.59 0.00	151.56 7.90 0.00	134.74 6.78 0.00	131.69 6.62 0.00	130.16 6.31 0.00	140.61 7.58 0.00	177.63 10.37 -0.02	216.43 12.06 0.00	190.17 9.57 0.00	175.02 3.88 -9.18	145.76 1.89 -8.79	142.60 1.37 -16.94	134.56 1.40 -16.58	129.67 1.58 -14.84	145.23 2.28 -16.31	178.29 3.29 -18.59	196.93 10.95 -0.34	235.05 13.09 0.00	207.46 11.37 0.00	188.91 10.69 0.00	167.63 4.53 -0.99	159.65 3.32 -23.57	147.71 7.43 0.00	140.28 6.68 0.00
ASTORIA_EAST_ENERGY_CC1 323581	177.01 8.58 -0.01	150.14 6.47 -0.01	133.47 5.50 -0.01	129.94 4.87 -0.01	128.68 4.83 -0.01	139.03 5.99 -0.01	176.61 9.36 -0.02	214.59 10.21 0.00	189.45 8.85 0.00	179.13 8.90 -8.26	149.74 6.75 -7.90	145.99 6.46 -15.24	137.78 6.29 -14.91	132.71 6.11 -13.34	147.77 6.46 -14.67	180.35 7.20 -16.74	194.66 8.73 -0.30	232.38 10.43 0.01	204.91 8.83 0.01	187.31 9.08 0.00	170.46 7.46 -0.89	161.17 7.16 -21.25	148.00 7.71 -0.01	140.28 6.68 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	177.01 8.58 -0.01	150.14 6.47 -0.01	133.60 5.62 -0.01	129.94 4.87 -0.01	128.82 4.96 -0.01	139.03 5.99 -0.01	176.61 9.36 -0.02	214.59 10.21 0.00	189.45 8.85 0.00	179.13 8.90 -8.26	149.74 6.75 -7.90	145.99 6.46 -15.24	137.78 6.29 -14.91	132.71 6.11 -13.34	147.77 6.46 -14.67	180.35 7.20 -16.74	194.66 8.73 -0.30	232.38 10.43 0.01	204.91 8.83 0.01	187.31 9.08 0.00	170.46 7.46 -0.89	161.17 7.16 -21.25	148.14 7.85 -0.01	140.28 6.68 -0.01
ASTORIA_GT2_1 24094	177.00 8.59 0.00	150.13 6.46 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.15 6.12 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	149.75 6.75 -7.91	146.00 6.46 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	147.78 6.46 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.11 9.02 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.30 7.30 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
ASTORIA_GT2_2 24095	177.00 8.59 0.00	150.13 6.46 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.15 6.12 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	149.75 6.75 -7.91	146.00 6.46 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	147.78 6.46 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.11 9.02 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.30 7.30 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
ASTORIA_GT2_3 24096	177.00 8.59 0.00	150.13 6.46 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.15 6.12 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	149.75 6.75 -7.91	146.00 6.46 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	147.78 6.46 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.11 9.02 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.30 7.30 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
ASTORIA_GT2_4 24097	177.00 8.59 0.00	150.13 6.46 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.15 6.12 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	149.75 6.75 -7.91	146.00 6.46 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	147.78 6.46 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.11 9.02 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.30 7.30 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
ASTORIA_GT3_1 24098	177.00 8.59 0.00	150.13 6.46 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.15 6.12 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	149.75 6.75 -7.91	146.00 6.46 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	147.78 6.46 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.11 9.02 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.30 7.30 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
ASTORIA_GT3_2 24099	177.00 8.59 0.00	150.13 6.46 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.15 6.12 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	149.75 6.75 -7.91	146.00 6.46 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	147.78 6.46 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.11 9.02 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.30 7.30 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
ASTORIA_GT3_3 24100	177.00 8.59 0.00	150.13 6.46 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.15 6.12 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	149.75 6.75 -7.91	146.00 6.46 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	147.78 6.46 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.11 9.02 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.30 7.30 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
ASTORIA_GT3_4 24101	177.00 8.59 0.00	150.13 6.46 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.15 6.12 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	149.75 6.75 -7.91	146.00 6.46 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	147.78 6.46 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.11 9.02 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.30 7.30 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
ASTORIA_GT4_1 24102	177.00 8.59 0.00	150.13 6.46 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.15 6.12 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	149.75 6.75 -7.91	146.00 6.46 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	147.78 6.46 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.11 9.02 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.30 7.30 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
ASTORIA_GT4_2 24103	177.00 8.59 0.00	150.13 6.46 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.15 6.12 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	149.75 6.75 -7.91	146.00 6.46 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	147.78 6.46 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.11 9.02 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.30 7.30 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
ASTORIA_GT4_3 24104	177.00 8.59 0.00	150.13 6.46 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.15 6.12 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	149.75 6.75 -7.91	146.00 6.46 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	147.78 6.46 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.11 9.02 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.30 7.30 -21.25	148.13 7.86 0.00	140.55 6.95 0.00

ASTORIA_GT4_4 24105	177.00 8.59 0.00	150.13 6.46 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.15 6.12 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	149.75 6.75 -7.91	146.00 6.46 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	147.78 6.46 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.11 9.02 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.30 7.30 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
ASTORIA_GT_1 23523	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.19 5.13 0.00	129.05 5.20 0.00	139.29 6.25 0.00	177.11 9.87 -0.01	216.03 11.65 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.16 7.16 -7.91	146.25 6.71 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.03 6.71 -14.68	180.82 7.66 -16.75	195.78 9.84 -0.30	233.05 11.10 0.00	205.50 9.41 0.00	187.85 9.62 0.00	170.78 7.78 -0.89	161.56 7.57 -21.25	148.41 8.14 0.00	140.68 7.08 0.00
ASTORIA_GT_10 24110	176.50 8.08 0.00	149.70 6.03 0.00	133.08 5.12 0.00	129.44 4.38 0.00	128.31 4.46 0.00	138.49 5.45 0.00	175.94 8.70 -0.01	215.01 10.63 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.16 7.16 -7.91	146.25 6.71 -15.25	138.03 6.53 -14.92	132.94 6.34 -13.35	148.03 6.71 -14.68	180.97 7.82 -16.75	196.15 10.21 -0.30	233.50 11.54 0.00	206.09 10.00 0.00	187.85 9.62 0.00	170.94 7.94 -0.89	161.03 7.04 -21.25	147.43 7.15 0.00	139.88 6.28 0.00
ASTORIA_GT_11 24225	176.50 8.08 0.00	149.70 6.03 0.00	133.08 5.12 0.00	129.44 4.38 0.00	128.31 4.46 0.00	138.49 5.45 0.00	175.94 8.70 -0.01	215.01 10.63 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.16 7.16 -7.91	146.25 6.71 -15.25	138.03 6.53 -14.92	132.94 6.34 -13.35	148.03 6.71 -14.68	180.97 7.82 -16.75	196.15 10.21 -0.30	233.50 11.54 0.00	206.09 10.00 0.00	187.85 9.62 0.00	170.94 7.94 -0.89	161.03 7.04 -21.25	147.43 7.15 0.00	139.88 6.28 0.00
ASTORIA_GT_12 24226	176.50 8.08 0.00	149.70 6.03 0.00	133.08 5.12 0.00	129.44 4.38 0.00	128.31 4.46 0.00	138.49 5.45 0.00	175.94 8.70 -0.01	215.01 10.63 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.16 7.16 -7.91	146.25 6.71 -15.25	138.03 6.53 -14.92	132.94 6.34 -13.35	148.03 6.71 -14.68	180.97 7.82 -16.75	196.15 10.21 -0.30	233.50 11.54 0.00	206.09 10.00 0.00	187.85 9.62 0.00	170.94 7.94 -0.89	161.03 7.04 -21.25	147.43 7.15 0.00	139.88 6.28 0.00
ASTORIA_GT_13 24227	176.50 8.08 0.00	149.70 6.03 0.00	133.08 5.12 0.00	129.44 4.38 0.00	128.31 4.46 0.00	138.49 5.45 0.00	175.94 8.70 -0.01	215.01 10.63 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.16 7.16 -7.91	146.25 6.71 -15.25	138.03 6.53 -14.92	132.94 6.34 -13.35	148.03 6.71 -14.68	180.97 7.82 -16.75	196.15 10.21 -0.30	233.50 11.54 0.00	206.09 10.00 0.00	187.85 9.62 0.00	170.94 7.94 -0.89	161.03 7.04 -21.25	147.43 7.15 0.00	139.88 6.28 0.00
ASTORIA_GT_5 24106	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.19 5.13 0.00	129.05 5.20 0.00	139.29 6.25 0.00	177.11 9.87 -0.01	216.03 11.65 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.16 7.16 -7.91	146.25 6.71 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.03 6.71 -14.68	180.82 7.66 -16.75	195.78 9.84 -0.30	233.05 11.10 0.00	205.50 9.41 0.00	187.85 9.62 0.00	170.78 7.78 -0.89	161.56 7.57 -21.25	148.41 8.14 0.00	140.68 7.08 0.00
ASTORIA_GT_7 24107	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.19 5.13 0.00	129.05 5.20 0.00	139.29 6.25 0.00	177.11 9.87 -0.01	216.03 11.65 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.16 7.16 -7.91	146.25 6.71 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.03 6.71 -14.68	180.82 7.66 -16.75	195.78 9.84 -0.30	233.05 11.10 0.00	205.50 9.41 0.00	187.85 9.62 0.00	170.78 7.78 -0.89	161.56 7.57 -21.25	148.41 8.14 0.00	140.68 7.08 0.00
ASTORIA_GT_8 24108	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.19 5.13 0.00	129.05 5.20 0.00	139.29 6.25 0.00	177.11 9.87 -0.01	216.03 11.65 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.16 7.16 -7.91	146.25 6.71 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.03 6.71 -14.68	180.82 7.66 -16.75	195.78 9.84 -0.30	233.05 11.10 0.00	205.50 9.41 0.00	187.85 9.62 0.00	170.78 7.78 -0.89	161.56 7.57 -21.25	148.41 8.14 0.00	140.68 7.08 0.00
ASTORIA___2 24149	177.01 8.58 -0.01	150.14 6.47 -0.01	133.60 5.62 -0.01	129.94 4.87 -0.01	128.82 4.96 -0.01	139.16 6.12 -0.01	176.78 9.53 -0.02	214.80 10.42 0.00	189.63 9.03 0.00	179.13 8.90 -8.26	149.74 6.75 -7.90	145.99 6.46 -15.24	137.90 6.41 -14.91	132.82 6.22 -13.34	147.77 6.46 -14.67	180.35 7.20 -16.74	194.66 8.73 -0.30	232.38 10.43 0.01	205.11 9.02 0.01	187.48 9.26 0.00	170.46 7.46 -0.89	161.30 7.30 -21.25	148.14 7.85 -0.01	140.42 6.81 -0.01
ASTORIA___3 23516	176.50 8.08 0.00	149.69 6.03 0.00	133.09 5.12 0.00	129.44 4.37 0.00	128.30 4.45 0.00	138.49 5.46 0.00	175.93 8.69 -0.01	214.19 9.81 0.00	189.99 9.39 0.00	179.45 9.23 -8.26	150.15 7.15 -7.91	146.25 6.71 -15.25	138.02 6.52 -14.92	132.94 6.34 -13.35	148.03 6.71 -14.68	180.97 7.82 -16.75	195.59 9.65 -0.30	233.49 11.53 0.00	206.08 10.00 0.00	187.84 9.62 0.00	170.94 7.94 -0.89	160.90 6.90 -21.25	147.43 7.15 0.00	139.75 6.15 0.00
ASTORIA___4 23517	176.50 8.08 0.00	149.70 6.03 0.00	133.08 5.12 0.00	129.44 4.38 0.00	128.31 4.46 0.00	138.49 5.45 0.00	175.94 8.70 -0.01	215.01 10.63 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.16 7.16 -7.91	146.25 6.71 -15.25	138.03 6.53 -14.92	132.94 6.34 -13.35	148.03 6.71 -14.68	180.97 7.82 -16.75	196.15 10.21 -0.30	233.50 11.54 0.00	206.09 10.00 0.00	187.85 9.62 0.00	170.94 7.94 -0.89	160.90 6.90 -21.25	147.43 7.15 0.00	139.88 6.28 0.00
ASTORIA___5 23518	176.50 8.08 0.00	149.69 6.03 0.00	133.09 5.12 0.00	129.44 4.37 0.00	128.30 4.45 0.00	138.49 5.46 0.00	175.93 8.69 -0.01	214.19 9.81 0.00	189.99 9.39 0.00	179.45 9.23 -8.26	150.15 7.15 -7.91	146.25 6.71 -15.25	138.02 6.52 -14.92	132.94 6.34 -13.35	148.03 6.71 -14.68	180.97 7.82 -16.75	195.59 9.65 -0.30	233.49 11.53 0.00	206.08 10.00 0.00	187.84 9.62 0.00	170.94 7.94 -0.89	161.03 7.03 -21.25	147.43 7.15 0.00	139.75 6.15 0.00
AST_ENERGY_2_CC3 323677	175.82 7.40 -0.01	149.27 5.60 -0.01	132.83 4.86 -0.01	129.19 4.12 -0.01	127.94 4.08 -0.01	138.22 5.18 -0.01	175.61 8.36 -0.02	213.36 8.98 0.00	188.36 7.76 0.00	178.00 7.77 -8.26	148.92 5.94 -7.90	145.25 5.72 -15.24	137.20 5.71 -14.91	132.14 5.55 -13.34	147.02 5.70 -14.67	179.41 6.26 -16.74	192.99 7.05 -0.30	230.16 8.22 0.01	202.94 6.86 0.01	186.05 7.83 0.00	169.31 6.32 -0.89	160.38 6.37 -21.25	147.30 7.01 -0.01	139.62 6.02 -0.01
AST_ENERGY_2_CC4 323678	175.82 7.40 -0.01	149.27 5.60 -0.01	132.83 4.86 -0.01	129.19 4.12 -0.01	127.94 4.08 -0.01	138.22 5.18 -0.01	175.61 8.36 -0.02	213.36 8.98 0.00	188.36 7.76 0.00	178.00 7.77 -8.26	148.92 5.94 -7.90	145.25 5.72 -15.24	137.20 5.71 -14.91	132.14 5.55 -13.34	147.02 5.70 -14.67	179.41 6.26 -16.74	192.99 7.05 -0.30	230.16 8.22 0.01	202.94 6.86 0.01	186.05 7.83 0.00	169.31 6.32 -0.89	160.38 6.37 -21.25	147.30 7.01 -0.01	139.62 6.02 -0.01

ATHENS_STG_1 23668	173.64 5.23 0.00	147.68 4.02 0.00	131.42 3.46 0.00	128.19 3.13 0.00	126.95 3.10 0.00	136.75 3.72 0.00	172.75 5.51 -0.01	210.50 6.13 0.00	186.56 5.95 0.00	176.95 6.00 -8.99	148.69 5.00 -8.61	145.48 4.60 -16.59	137.24 4.43 -16.24	131.97 4.19 -14.53	147.30 4.69 -15.97	180.25 5.62 -18.23	192.28 6.32 -0.33	229.27 7.31 0.00	202.55 6.46 0.00	184.63 6.41 0.00	168.90 5.83 -0.97	160.64 4.77 -23.12	145.19 4.91 0.00	138.00 4.40 0.00
ATHENS_STG_2 23670	173.64 5.23 0.00	147.68 4.02 0.00	131.42 3.46 0.00	128.19 3.13 0.00	126.95 3.10 0.00	136.75 3.72 0.00	172.75 5.51 -0.01	210.50 6.13 0.00	186.56 5.95 0.00	176.95 6.00 -8.99	148.69 5.00 -8.61	145.48 4.60 -16.59	137.24 4.43 -16.24	131.97 4.19 -14.53	147.30 4.69 -15.97	180.25 5.62 -18.23	192.28 6.32 -0.33	229.27 7.31 0.00	202.55 6.46 0.00	184.63 6.41 0.00	168.90 5.83 -0.97	160.64 4.77 -23.12	145.19 4.91 0.00	138.00 4.40 0.00
ATHENS_STG_3 23677	173.64 5.23 0.00	147.68 4.02 0.00	131.42 3.46 0.00	128.19 3.13 0.00	126.95 3.10 0.00	136.75 3.72 0.00	172.75 5.51 -0.01	210.50 6.13 0.00	186.56 5.95 0.00	176.95 6.00 -8.99	148.69 5.00 -8.61	145.48 4.60 -16.59	137.24 4.43 -16.24	131.97 4.19 -14.53	147.30 4.69 -15.97	180.25 5.62 -18.23	192.28 6.32 -0.33	229.27 7.31 0.00	202.55 6.46 0.00	184.63 6.41 0.00	168.90 5.83 -0.97	160.64 4.77 -23.12	145.19 4.91 0.00	138.00 4.40 0.00
AUBURN____LFGE 323710	152.56 -5.05 10.80	130.76 -4.31 8.59	118.82 -3.58 5.56	116.63 -3.38 5.06	115.69 -3.22 4.94	121.59 -3.99 7.45	150.29 -5.52 11.43	186.88 -5.52 11.99	164.14 -5.06 11.41	146.29 -5.83 9.85	121.84 -5.13 8.11	112.38 -4.97 6.94	105.65 -4.78 6.14	103.08 -4.53 5.64	114.77 -4.81 7.06	141.01 -5.47 9.92	166.37 -5.94 13.33	204.10 -5.33 12.53	178.76 -4.71 12.62	160.72 -4.99 12.51	146.75 -4.54 10.82	121.67 -3.98 7.10	127.55 -4.35 8.38	121.50 -4.41 7.69
BABYLON_RES_REC 323704	176.50 8.08 0.00	150.41 6.75 0.00	133.34 5.37 0.00	131.07 6.00 -0.01	129.93 6.07 -0.01	139.68 6.65 0.00	176.77 9.53 -0.01	215.61 11.23 0.00	191.99 11.38 0.00	180.11 9.88 -8.26	151.69 8.65 -7.95	166.83 8.07 -34.47	170.64 7.69 -46.37	167.55 7.59 -46.71	156.84 8.23 -21.97	183.19 10.02 -16.76	214.09 11.70 -16.75	254.81 13.77 -19.09	224.51 12.56 -15.86	220.98 11.94 -30.82	184.34 10.38 -11.85	180.63 8.50 -39.38	148.85 8.56 -0.01	141.45 7.61 -0.24
BALL_HILL_WT_PWR 323825	138.50 -14.15 15.77	118.91 -12.21 12.54	109.60 -10.24 8.12	107.55 -10.13 7.38	106.49 -10.15 7.21	107.26 -14.90 10.88	127.84 -22.74 16.65	160.45 -25.15 18.78	139.54 -22.76 18.30	125.87 -21.70 14.40	105.66 -17.56 11.87	97.69 -16.41 10.20	92.42 -15.15 9.00	90.16 -14.83 8.26	99.43 -16.84 10.37	121.70 -20.18 14.52	143.18 -23.03 19.43	177.22 -26.42 18.32	153.71 -23.93 18.45	137.82 -22.11 18.30	125.69 -20.59 15.83	105.41 -16.86 10.48	110.48 -17.54 12.26	108.08 -14.29 11.23
BARON_WINDS____WT_PWR 323822	139.87 -12.13 16.41	120.41 -10.20 13.05	111.06 -8.45 8.46	109.12 -8.26 7.69	108.05 -8.30 7.50	109.47 -12.24 11.32	131.61 -18.22 17.40	159.52 -21.67 23.19	135.48 -18.96 26.16	127.53 -19.44 14.99	106.38 -16.35 12.36	98.56 -15.17 10.56	93.05 -14.23 9.30	91.12 -13.59 8.53	99.43 -16.46 10.75	124.54 -16.89 14.97	146.78 -18.56 20.30	182.24 -20.64 19.08	158.43 -18.44 19.22	141.70 -17.46 19.06	129.42 -16.21 16.48	108.80 -13.27 10.68	113.61 -13.89 12.78	110.55 -11.36 11.69
BARRETT_IC_1 23704	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01
BARRETT_IC_10 23701	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01
BARRETT_IC_11 23702	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01
BARRETT_IC_12 23703	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01
BARRETT_IC_2 23705	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01
BARRETT_IC_3 23706	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01
BARRETT_IC_4 23707	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01
BARRETT_IC_5 23708	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01

BARRETT_IC_6 23709	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01
BARRETT_IC_7 23710	175.32 6.90 0.00	149.98 6.32 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.96 8.58 0.00	190.00 9.39 0.00	178.65 8.42 -8.26	150.20 7.16 -7.95	167.55 6.59 -36.67	172.97 6.41 -49.98	169.68 5.89 -50.54	155.90 6.46 -22.81	181.15 7.98 -16.76	208.06 8.73 -13.70	246.73 9.10 -15.67	217.15 8.04 -13.02	211.54 8.02 -25.30	180.68 7.29 -11.28	178.10 6.24 -39.11	147.86 7.58 -0.01	140.42 6.81 -0.01
BARRETT_IC_8 23711	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01
BARRETT_IC_9 23700	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01
BARRETT___1 23545	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01
BARRETT___2 23546	175.32 6.91 0.00	149.98 6.31 0.00	132.95 4.99 0.00	130.32 5.25 -0.01	129.06 5.20 -0.01	139.29 6.25 0.00	175.27 8.03 -0.01	212.34 7.96 0.00	189.99 9.39 0.00	178.64 8.42 -8.26	150.19 7.15 -7.95	167.54 6.58 -36.67	172.85 6.29 -49.98	169.67 5.89 -50.54	155.90 6.46 -22.81	181.14 7.97 -16.76	207.50 8.16 -13.70	246.51 8.89 -15.67	217.15 8.04 -13.02	211.36 7.83 -25.30	180.69 7.30 -11.28	178.11 6.24 -39.12	147.72 7.43 -0.01	140.29 6.68 -0.01
BATAVIA___115KV_TB1 55881	135.47 -17.68 15.26	116.73 -14.80 12.13	107.69 -12.41 7.86	106.29 -11.63 7.15	105.11 -11.77 6.97	106.15 -16.36 10.52	124.89 -26.26 16.09	155.87 -30.86 17.64	137.02 -26.73 16.85	123.23 -24.78 13.96	106.69 -16.89 11.51	98.68 -15.66 9.95	93.32 -14.46 8.80	90.91 -14.27 8.07	99.82 -16.72 10.11	118.49 -23.77 14.14	139.03 -27.85 18.76	174.49 -29.74 17.72	151.38 -26.86 17.85	135.21 -25.31 17.70	124.26 -22.53 15.31	104.69 -17.79 10.27	110.74 -17.68 11.86	107.64 -15.10 10.86
BAYONEEC___CTG1 323682	175.31 6.91 0.01	148.69 5.03 0.00	132.18 4.22 0.00	128.56 3.50 0.00	127.44 3.59 0.00	137.69 4.65 0.00	174.94 7.70 -0.01	213.36 8.98 0.00	189.81 9.21 0.00	179.29 9.06 -8.26	150.42 7.42 -7.91	146.49 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.96 -14.68	181.44 8.28 -16.75	195.96 10.02 -0.30	233.71 11.76 0.00	206.47 10.39 0.00	188.20 9.97 0.00	171.42 8.42 -0.89	160.90 6.90 -21.25	147.01 6.73 0.00	139.34 5.74 0.00
BAYONEEC___CTG10 323750	175.31 6.91 0.01	148.69 5.03 0.00	132.18 4.22 0.00	128.56 3.50 0.00	127.44 3.59 0.00	137.69 4.65 0.00	174.94 7.70 -0.01	213.36 8.98 0.00	189.81 9.21 0.00	179.29 9.06 -8.26	150.42 7.42 -7.91	146.49 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.96 -14.68	181.44 8.28 -16.75	195.96 10.02 -0.30	233.71 11.76 0.00	206.47 10.39 0.00	188.20 9.97 0.00	171.42 8.42 -0.89	160.90 6.90 -21.25	147.01 6.73 0.00	139.34 5.74 0.00
BAYONEEC___CTG2 323683	175.31 6.91 0.01	148.69 5.03 0.00	132.18 4.22 0.00	128.56 3.50 0.00	127.44 3.59 0.00	137.69 4.65 0.00	174.94 7.70 -0.01	213.36 8.98 0.00	189.81 9.21 0.00	179.29 9.06 -8.26	150.42 7.42 -7.91	146.49 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.96 -14.68	181.44 8.28 -16.75	195.96 10.02 -0.30	233.71 11.76 0.00	206.47 10.39 0.00	188.20 9.97 0.00	171.42 8.42 -0.89	160.90 6.90 -21.25	147.01 6.73 0.00	139.34 5.74 0.00
BAYONEEC___CTG3 323684	175.31 6.91 0.01	148.69 5.03 0.00	132.18 4.22 0.00	128.56 3.50 0.00	127.44 3.59 0.00	137.69 4.65 0.00	174.94 7.70 -0.01	213.36 8.98 0.00	189.81 9.21 0.00	179.29 9.06 -8.26	150.42 7.42 -7.91	146.49 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.96 -14.68	181.44 8.28 -16.75	195.96 10.02 -0.30	233.71 11.76 0.00	206.47 10.39 0.00	188.20 9.97 0.00	171.42 8.42 -0.89	160.90 6.90 -21.25	147.01 6.73 0.00	139.34 5.74 0.00
BAYONEEC___CTG4 323685	175.31 6.91 0.01	148.69 5.03 0.00	132.18 4.22 0.00	128.56 3.50 0.00	127.44 3.59 0.00	137.69 4.65 0.00	174.94 7.70 -0.01	213.36 8.98 0.00	189.81 9.21 0.00	179.29 9.06 -8.26	150.42 7.42 -7.91	146.49 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.96 -14.68	181.44 8.28 -16.75	195.96 10.02 -0.30	233.71 11.76 0.00	206.47 10.39 0.00	188.20 9.97 0.00	171.42 8.42 -0.89	160.90 6.90 -21.25	147.01 6.73 0.00	139.34 5.74 0.00
BAYONEEC___CTG5 323686	175.31 6.91 0.01	148.69 5.03 0.00	132.18 4.22 0.00	128.56 3.50 0.00	127.44 3.59 0.00	137.69 4.65 0.00	174.94 7.70 -0.01	213.36 8.98 0.00	189.81 9.21 0.00	179.29 9.06 -8.26	150.42 7.42 -7.91	146.49 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.96 -14.68	181.44 8.28 -16.75	195.96 10.02 -0.30	233.71 11.76 0.00	206.47 10.39 0.00	188.20 9.97 0.00	171.42 8.42 -0.89	160.90 6.90 -21.25	147.01 6.73 0.00	139.34 5.74 0.00
BAYONEEC___CTG6 323687	175.31 6.91 0.01	148.69 5.03 0.00	132.18 4.22 0.00	128.56 3.50 0.00	127.44 3.59 0.00	137.69 4.65 0.00	174.94 7.70 -0.01	213.36 8.98 0.00	189.81 9.21 0.00	179.29 9.06 -8.26	150.42 7.42 -7.91	146.49 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.96 -14.68	181.44 8.28 -16.75	195.96 10.02 -0.30	233.71 11.76 0.00	206.47 10.39 0.00	188.20 9.97 0.00	171.42 8.42 -0.89	160.90 6.90 -21.25	147.01 6.73 0.00	139.34 5.74 0.00
BAYONEEC___CTG7 323688	175.31 6.91 0.01	148.69 5.03 0.00	132.18 4.22 0.00	128.56 3.50 0.00	127.44 3.59 0.00	137.69 4.65 0.00	174.94 7.70 -0.01	213.36 8.98 0.00	189.81 9.21 0.00	179.29 9.06 -8.26	150.42 7.42 -7.91	146.49 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.96 -14.68	181.44 8.28 -16.75	195.96 10.02 -0.30	233.71 11.76 0.00	206.47 10.39 0.00	188.20 9.97 0.00	171.42 8.42 -0.89	160.90 6.90 -21.25	147.01 6.73 0.00	139.34 5.74 0.00

BAYONEEC___CTG8 323689	175.31 6.91 0.01	148.69 5.03 0.00	132.18 4.22 0.00	128.56 3.50 0.00	127.44 3.59 0.00	137.69 4.65 0.00	174.94 7.70 -0.01	213.36 8.98 0.00	189.81 9.21 0.00	179.29 9.06 -8.26	150.42 7.42 -7.91	146.49 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.96 -14.68	181.44 8.28 -16.75	195.96 10.02 -0.30	233.71 11.76 0.00	206.47 10.39 0.00	188.20 9.97 0.00	171.42 8.42 -0.89	160.90 6.90 -21.25	147.01 6.73 0.00	139.34 5.74 0.00
BAYONEEC___CTG9 323749	175.31 6.91 0.01	148.69 5.03 0.00	132.18 4.22 0.00	128.56 3.50 0.00	127.44 3.59 0.00	137.69 4.65 0.00	174.94 7.70 -0.01	213.36 8.98 0.00	189.81 9.21 0.00	179.29 9.06 -8.26	150.42 7.42 -7.91	146.49 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.96 -14.68	181.44 8.28 -16.75	195.96 10.02 -0.30	233.71 11.76 0.00	206.47 10.39 0.00	188.20 9.97 0.00	171.42 8.42 -0.89	160.90 6.90 -21.25	147.01 6.73 0.00	139.34 5.74 0.00
BEACON___LESR 323632	177.00 8.58 0.00	150.70 7.04 0.00	133.98 6.02 0.00	130.94 5.88 0.00	129.67 5.82 0.00	139.68 6.65 0.00	176.14 8.86 -0.04	213.79 9.41 0.00	188.92 8.31 0.00	179.59 7.77 -9.85	151.27 6.75 -9.43	148.56 6.09 -18.18	139.97 5.60 -17.80	134.61 5.44 -15.92	150.35 6.20 -17.51	184.20 7.82 -19.98	195.10 9.09 -0.36	232.83 10.87 0.00	205.89 9.80 0.00	187.31 9.08 0.00	171.43 8.26 -1.06	164.70 6.63 -25.31	147.71 7.43 0.00	140.67 7.08 0.00
BEAVER RIVER___HYD 24048	171.96 3.54 0.00	146.68 3.02 0.00	130.78 2.81 0.00	127.94 2.88 0.00	126.70 2.85 0.00	136.49 3.45 0.00	171.09 3.85 0.00	209.90 5.52 0.00	184.57 3.97 0.00	164.07 2.10 0.00	134.82 -0.27 0.00	124.04 -0.25 0.00	116.11 -0.46 0.00	112.57 -0.68 0.00	126.39 -0.25 0.00	157.35 0.94 0.00	187.50 1.86 0.00	225.06 3.11 0.00	198.05 1.96 0.00	180.19 1.96 0.00	163.25 1.14 0.00	133.15 0.40 0.00	141.27 0.99 0.00	134.66 1.06 0.00
BEEBEE_GT_13 23619	141.58 -11.96 14.87	122.07 -9.77 11.83	112.24 -8.06 7.66	110.59 -7.50 6.97	109.37 -7.68 6.80	112.13 -10.64 10.26	133.85 -17.73 15.66	167.18 -20.85 16.36	147.13 -17.88 15.59	131.82 -16.52 13.62	111.82 -12.02 11.24	103.60 -10.94 9.75	97.92 -10.03 8.63	95.37 -9.97 7.91	104.96 -11.78 9.90	126.77 -15.80 13.84	148.62 -18.75 18.27	185.37 -19.31 17.27	161.24 -17.45 17.40	144.04 -16.93 17.25	132.42 -14.75 14.93	110.96 -11.68 10.11	117.36 -11.36 11.56	113.26 -9.75 10.59
BENSHRST_27_KV_BENSHRST_1 355998	178.18 9.77 0.00	150.99 7.33 0.00	134.36 6.40 0.00	130.56 5.50 0.00	129.42 5.57 0.00	139.55 6.52 0.00	177.11 9.87 -0.01	216.23 11.85 0.00	190.90 10.29 0.00	180.43 10.20 -8.26	150.97 7.97 -7.91	147.00 7.46 -15.25	138.73 7.23 -14.92	133.62 7.02 -13.35	148.79 7.47 -14.68	182.07 8.92 -16.75	197.64 11.70 -0.30	235.49 13.54 0.00	207.85 11.77 0.00	189.45 11.23 0.00	172.07 9.08 -0.89	161.96 7.97 -21.25	148.55 8.28 0.00	141.21 7.62 0.00
BETHLEHEM___GRP 23843	174.48 6.06 0.00	148.55 4.88 0.00	132.19 4.22 0.00	129.19 4.13 0.00	127.81 3.96 0.00	137.69 4.66 0.00	173.46 6.19 -0.04	210.10 5.72 0.00	185.48 4.88 0.00	176.68 4.86 -9.86	149.25 4.73 -9.44	146.71 4.23 -18.20	138.35 3.96 -17.81	133.04 3.85 -15.93	148.47 4.31 -17.52	181.71 5.32 -19.99	191.94 5.94 -0.36	228.61 6.66 0.00	202.17 6.08 0.00	184.10 5.88 0.00	168.68 5.51 -1.06	162.62 4.51 -25.35	145.75 5.47 0.00	138.81 5.21 0.00
BETHLEHEM___GS1 323560	174.47 6.05 0.00	148.55 4.89 0.00	132.18 4.22 0.00	129.18 4.12 0.00	127.81 3.96 0.00	137.69 4.65 0.00	173.47 6.19 -0.04	209.68 5.31 0.00	185.48 4.88 0.00	176.68 4.85 -9.86	149.25 4.73 -9.44	146.72 4.23 -18.20	138.35 3.97 -17.81	133.04 3.85 -15.93	148.47 4.31 -17.52	181.72 5.32 -19.99	191.76 5.76 -0.36	228.61 6.65 0.00	202.17 6.09 0.00	184.09 5.87 0.00	168.68 5.51 -1.06	162.60 4.52 -25.33	145.74 5.47 0.00	138.80 5.21 0.00
BETHLEHEM___GS2 323561	174.47 6.05 0.00	148.55 4.89 0.00	132.18 4.22 0.00	129.18 4.12 0.00	127.81 3.96 0.00	137.69 4.65 0.00	173.47 6.19 -0.04	209.68 5.31 0.00	185.48 4.88 0.00	176.68 4.85 -9.86	149.25 4.73 -9.44	146.72 4.23 -18.20	138.35 3.97 -17.81	133.04 3.85 -15.93	148.47 4.31 -17.52	181.72 5.32 -19.99	191.76 5.76 -0.36	228.61 6.65 0.00	202.17 6.09 0.00	184.09 5.87 0.00	168.68 5.51 -1.06	162.60 4.52 -25.33	145.74 5.47 0.00	138.80 5.21 0.00
BETHLEHEM___GS3 323562	174.47 6.05 0.00	148.55 4.89 0.00	132.18 4.22 0.00	129.18 4.12 0.00	127.81 3.96 0.00	137.69 4.65 0.00	173.47 6.19 -0.04	209.68 5.31 0.00	185.48 4.88 0.00	176.68 4.85 -9.86	149.25 4.73 -9.44	146.72 4.23 -18.20	138.35 3.97 -17.81	133.04 3.85 -15.93	148.47 4.31 -17.52	181.72 5.32 -19.99	191.76 5.76 -0.36	228.61 6.65 0.00	202.17 6.09 0.00	184.09 5.87 0.00	168.68 5.51 -1.06	162.60 4.52 -25.33	145.74 5.47 0.00	138.80 5.21 0.00
BETHLEHEM___STEEL 23779	136.24 -16.50 15.66	117.27 -13.94 12.45	108.38 -11.52 8.07	106.60 -11.13 7.34	105.66 -11.02 7.16	106.13 -16.10 10.80	125.28 -25.42 16.54	156.44 -29.23 18.71	137.07 -25.28 18.25	124.01 -23.65 14.31	104.65 -18.64 11.80	96.61 -17.53 10.15	91.29 -16.32 8.97	88.94 -16.08 8.22	97.96 -18.36 10.32	119.28 -22.68 14.45	139.43 -26.92 19.29	173.57 -30.19 18.20	150.89 -26.86 18.33	135.45 -24.59 18.18	123.85 -22.53 15.72	104.53 -17.79 10.44	109.86 -18.24 12.18	107.35 -15.10 11.15
BETHLHEM_115KV_TB1 79974	174.31 5.89 0.00	148.40 4.74 0.00	132.06 4.09 0.00	128.94 3.88 0.00	127.69 3.84 0.00	137.56 4.52 0.00	173.29 6.02 -0.04	210.10 5.72 0.00	185.48 4.88 0.00	176.68 4.86 -9.85	149.25 4.73 -9.43	146.70 4.23 -18.19	138.34 3.96 -17.80	133.03 3.85 -15.93	148.45 4.31 -17.51	181.70 5.32 -19.98	191.94 5.94 -0.36	228.61 6.66 0.00	202.17 6.08 0.00	184.10 5.88 0.00	168.68 5.51 -1.06	162.61 4.51 -25.34	145.61 5.33 0.00	138.68 5.08 0.00
BETHPAGE_CC_5 323564	176.17 7.75 0.00	150.27 6.61 0.00	133.21 5.25 0.00	130.71 5.63 -0.01	129.56 5.70 -0.01	139.55 6.52 0.00	176.10 8.86 -0.01	214.80 10.42 0.00	191.26 10.65 0.00	179.62 9.39 -8.26	151.42 8.38 -7.95	167.89 7.84 -35.77	172.54 7.47 -48.50	169.57 7.36 -48.97	156.96 7.85 -22.47	182.55 9.38 -16.77	214.58 11.33 -17.62	254.86 12.64 -20.26	224.49 11.57 -16.83	221.81 10.87 -32.71	183.72 9.89 -11.73	180.73 8.10 -39.88	148.85 8.56 -0.01	141.22 7.61 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	136.89 -15.83 15.69	117.82 -13.36 12.48	108.75 -11.13 8.08	106.96 -10.76 7.35	106.02 -10.65 7.17	106.51 -15.70 10.82	126.25 -24.42 16.57	158.08 -27.59 18.71	138.54 -23.84 18.22	125.12 -22.51 14.33	105.17 -18.10 11.82	96.98 -17.15 10.16	91.63 -15.97 8.98	89.28 -15.74 8.23	98.45 -17.86 10.33	120.35 -21.58 14.47	140.69 -25.62 19.33	174.87 -28.85 18.23	151.84 -25.88 18.36	136.49 -23.53 18.21	124.80 -21.56 15.75	105.05 -17.26 10.44	110.40 -17.68 12.20	107.73 -14.70 11.17
BINGHAMTON___COGEN 23790	143.36 -7.92 17.14	123.14 -6.90 13.62	113.51 -5.63 8.83	111.53 -5.50 8.03	110.69 -5.33 7.83	114.03 -7.18 11.82	139.03 -10.03 18.17	174.67 -10.83 18.87	152.73 -10.29 17.58	135.97 -10.69 15.31	113.20 -9.32 12.57	105.08 -8.82 10.39	98.95 -8.51 9.12	96.72 -8.15 8.38	107.30 -8.74 10.60	131.63 -9.70 15.08	153.69 -10.77 21.19	190.74 -11.32 19.89	166.24 -9.80 20.04	148.73 -9.62 19.87	136.04 -8.92 17.15	114.92 -7.43 10.40	118.83 -8.14 13.31	114.18 -7.21 12.20

BIXINCNT_115KV_LOAD 355685	139.63 -12.97 15.81	120.03 -11.06 12.57	110.73 -9.09 8.15	108.53 -9.13 7.41	107.08 -9.54 7.23	107.62 -14.50 10.91	129.13 -21.41 16.70	162.37 -23.30 18.71	141.69 -20.77 18.15	126.97 -20.57 14.43	105.63 -17.56 11.90	97.80 -16.28 10.21	92.40 -15.15 9.02	90.37 -14.61 8.27	100.30 -15.96 10.38	123.39 -18.46 14.56	144.80 -21.35 19.49	178.72 -24.86 18.37	155.03 -22.55 18.51	139.73 -20.14 18.35	127.10 -19.13 15.87	106.74 -15.53 10.48	111.43 -16.55 12.30	108.44 -13.89 11.26
BLACK RIVER___HYD 24047	171.27 2.86 0.00	145.95 2.29 0.00	130.14 2.17 0.00	127.43 2.37 0.00	126.32 2.48 0.00	136.22 3.19 0.00	171.24 4.01 0.00	210.72 6.34 0.00	185.12 4.52 0.00	164.23 2.27 0.00	135.09 0.00 0.00	123.92 -0.37 0.00	115.88 -0.70 0.00	112.46 -0.79 0.00	126.39 -0.25 0.00	157.97 1.56 0.00	188.79 3.15 0.00	227.27 5.32 0.00	200.01 3.92 0.00	181.97 3.75 0.00	164.86 2.75 0.00	134.21 1.46 0.00	141.82 1.55 0.00	135.21 1.61 0.00
BLACKRVR_115KV_TB2 79977	171.28 2.86 0.00	145.96 2.30 0.00	130.14 2.18 0.00	127.44 2.38 0.00	126.33 2.48 0.00	136.23 3.19 0.00	171.25 4.01 0.00	210.51 6.13 0.00	185.12 4.52 0.00	164.23 2.27 0.00	135.09 0.00 0.00	123.92 -0.37 0.00	115.88 -0.70 0.00	112.46 -0.79 0.00	126.39 -0.25 0.00	157.97 1.56 0.00	188.80 3.16 0.00	227.28 5.33 0.00	200.01 3.92 0.00	181.96 3.74 0.00	164.86 2.76 0.00	134.21 1.46 0.00	141.82 1.54 0.00	135.07 1.47 0.00
BLDWN_LI_69_KV_BK4 356085	176.67 8.25 0.00	150.70 7.04 0.00	133.59 5.63 0.00	131.08 6.00 -0.01	129.81 5.94 -0.01	139.95 6.92 0.00	176.27 9.03 -0.01	215.01 10.63 0.00	191.26 10.66 0.00	179.62 9.39 -8.26	151.28 8.24 -7.96	170.90 7.58 -39.03	177.76 7.34 -53.84	174.90 7.02 -54.63	157.94 7.60 -23.70	182.09 8.92 -16.77	215.55 10.58 -19.33	255.98 11.76 -22.26	225.17 10.59 -18.49	224.32 10.16 -35.94	184.38 9.08 -13.20	182.99 7.83 -42.40	148.99 8.70 -0.01	141.49 7.88 -0.01
BLISS_WT_PWR 323608	139.97 -12.63 15.81	120.16 -10.92 12.57	110.86 -8.96 8.15	108.53 -9.12 7.41	106.96 -9.66 7.23	107.49 -14.63 10.91	128.79 -21.74 16.70	161.55 -24.12 18.71	140.96 -21.50 18.15	126.48 -21.05 14.43	105.09 -18.10 11.90	97.55 -16.53 10.21	92.29 -15.27 9.02	90.26 -14.72 8.27	100.30 -15.96 10.38	123.39 -18.46 14.56	144.05 -22.09 19.49	178.73 -24.85 18.37	155.04 -22.54 18.51	139.55 -20.32 18.35	126.94 -19.29 15.87	106.60 -15.67 10.49	111.42 -16.55 12.30	108.58 -13.76 11.26
BLUESTONE___WT_PWR 323821	160.52 4.55 12.45	137.49 3.73 9.90	125.39 3.84 6.41	123.11 3.88 5.83	122.37 4.21 5.69	128.70 4.26 8.59	158.69 4.68 13.22	197.84 7.15 13.69	173.50 5.60 12.71	155.17 3.07 9.86	128.38 1.21 7.92	119.47 0.37 5.20	112.13 -0.12 4.33	108.99 -0.23 4.04	122.47 1.27 5.44	151.94 3.91 8.38	176.58 6.32 15.38	217.05 9.54 14.44	189.40 7.85 14.55	171.11 7.31 14.42	155.80 6.00 12.31	132.20 3.71 4.26	133.57 2.95 9.66	127.94 3.20 8.86
BLUE_CIRC_CHEM_DRP 24182	175.32 6.90 0.00	149.26 5.60 0.00	132.70 4.73 0.00	129.69 4.63 0.00	128.43 4.58 0.00	138.22 5.19 0.00	173.96 6.69 -0.03	211.74 7.36 0.00	186.74 6.14 0.00	177.22 5.51 -9.75	149.15 4.73 -9.34	146.52 4.23 -18.00	138.16 3.96 -17.61	132.86 3.85 -15.76	148.53 4.56 -17.33	181.96 5.79 -19.77	193.05 7.05 -0.36	230.17 8.21 0.00	203.34 7.26 0.00	184.99 6.77 0.00	169.32 6.16 -1.05	162.87 5.04 -25.08	146.03 5.75 0.00	139.21 5.61 0.00
BOC_GAS_DRP 24189	173.13 4.72 0.00	147.40 3.74 0.00	131.16 3.20 0.00	128.06 3.00 0.00	126.82 2.97 0.00	136.49 3.46 0.00	172.11 4.85 -0.03	209.49 5.11 0.00	185.12 4.52 0.00	176.32 4.54 -9.82	148.54 4.05 -9.40	146.14 3.73 -18.12	137.81 3.50 -17.74	132.52 3.40 -15.87	147.89 3.80 -17.45	180.85 4.54 -19.91	191.20 5.20 -0.36	227.73 5.77 0.00	201.38 5.29 0.00	183.21 4.99 0.00	167.86 4.70 -1.06	161.86 3.85 -25.25	144.49 4.21 0.00	137.61 4.01 0.00
BOONVILLE_115KV_TB1 79983	175.32 6.90 0.00	149.26 5.60 0.00	133.08 5.12 0.00	130.19 5.13 0.00	128.93 5.08 0.00	139.02 5.99 0.00	174.59 7.36 0.00	213.98 9.61 0.00	188.91 8.31 0.00	168.45 6.48 0.00	138.73 3.65 0.00	127.52 3.23 0.00	119.26 2.68 0.00	115.74 2.49 0.00	129.81 3.17 0.00	161.57 5.16 0.00	192.69 7.05 0.00	231.28 9.32 0.00	203.54 7.45 0.00	185.35 7.13 0.00	167.94 5.84 0.00	137.13 4.38 0.00	144.77 4.49 0.00	137.87 4.28 0.00
BORALEX_4TH_BRANCH 23824	177.51 9.09 0.00	150.99 7.33 0.00	134.23 6.27 0.00	131.06 6.00 0.00	129.79 5.94 0.00	139.95 6.92 0.00	176.81 9.53 -0.04	215.82 11.45 0.00	190.72 10.11 0.00	181.05 9.56 -9.53	152.19 7.97 -9.13	149.22 7.33 -17.60	140.68 6.88 -17.22	135.34 6.68 -15.41	150.93 7.35 -16.94	184.65 8.92 -19.33	196.76 10.77 -0.35	235.94 13.98 0.00	208.64 12.55 0.00	189.98 11.76 0.00	173.51 10.37 -1.03	165.77 8.50 -24.52	149.12 8.84 0.00	142.02 8.42 0.00
BOWLINE___1 23526	173.46 5.05 0.00	147.25 3.59 0.00	131.03 3.07 0.00	127.69 2.63 0.00	126.45 2.60 0.00	136.49 3.45 0.00	173.09 5.85 -0.01	210.92 6.54 0.00	187.47 6.86 0.00	176.81 6.80 -8.04	148.46 5.67 -7.70	144.48 5.34 -14.85	136.23 5.12 -14.53	131.23 4.98 -13.00	146.25 5.32 -14.29	178.98 6.26 -16.31	193.55 7.61 -0.30	230.60 8.65 0.00	203.73 7.64 0.00	185.71 7.48 0.00	169.46 6.49 -0.87	158.76 5.32 -20.69	145.32 5.04 0.00	137.87 4.27 0.00
BOWLINE___2 23595	173.64 5.23 0.00	147.54 3.88 0.00	131.16 3.20 0.00	127.81 2.75 0.00	126.70 2.85 0.00	136.63 3.59 0.00	173.26 6.01 -0.01	211.33 6.95 0.00	187.64 7.04 0.00	176.97 6.96 -8.04	148.59 5.80 -7.70	144.74 5.60 -14.85	136.47 5.37 -14.53	131.35 5.10 -13.00	146.38 5.44 -14.29	179.28 6.57 -16.31	193.73 7.80 -0.30	231.06 9.10 0.00	204.13 8.04 0.00	186.05 7.83 0.00	169.62 6.65 -0.87	158.89 5.44 -20.69	145.61 5.33 0.00	138.14 4.54 0.00
BRADY___115KV_TB2 356060	173.13 4.72 0.00	148.26 4.60 0.00	132.19 4.22 0.00	129.56 4.50 0.00	128.18 4.33 0.00	137.69 4.66 0.00	172.59 5.35 0.00	210.71 6.34 0.00	185.84 5.24 0.00	165.85 3.89 0.00	137.65 2.57 0.00	126.65 2.36 0.00	118.68 2.10 0.00	115.18 1.93 0.00	128.92 2.28 0.00	159.69 3.28 0.00	189.91 4.27 0.00	227.73 5.77 0.00	200.79 4.71 0.00	182.32 4.10 0.00	165.83 3.73 0.00	135.54 2.79 0.00	143.50 3.23 0.00	136.94 3.34 0.00
BRANSCOMB___SOLAR 323811	179.03 10.62 0.00	152.43 8.76 0.00	135.25 7.29 0.00	132.31 7.25 0.00	131.03 7.18 0.00	141.28 8.25 0.00	178.18 10.86 -0.08	217.86 13.49 0.00	192.52 11.92 0.00	182.32 10.21 -10.14	153.04 8.24 -9.71	150.22 7.21 -18.73	141.55 6.64 -18.33	135.99 6.34 -16.40	152.01 7.34 -18.03	186.36 9.38 -20.57	197.90 11.89 -0.37	236.60 14.65 0.00	209.03 12.94 0.00	189.98 11.76 0.00	174.06 10.86 -1.09	167.42 8.62 -26.05	149.26 8.99 0.00	142.16 8.56 0.00
BRDGHMPT_69_KV_BK1 55812	178.01 9.60 0.00	151.71 8.05 0.00	134.36 6.40 0.00	132.70 7.63 -0.01	132.15 8.30 -0.01	142.65 9.58 -0.04	180.62 13.38 -0.01	221.34 16.96 0.00	196.50 15.89 0.00	183.83 13.61 -8.26	155.73 12.70 -7.94	167.96 11.68 -31.98	170.07 11.19 -42.30	166.41 10.76 -42.40	158.94 11.27 -21.03	186.93 13.76 -16.76	221.28 17.64 -18.01	257.25 18.42 -16.88	227.95 17.84 -14.02	222.23 16.75 -27.25	206.35 15.08 -29.17	196.96 12.35 -51.86	151.65 11.36 -0.01	150.41 11.09 -5.72

BRENTWOD_69_KV_W. BRTWOOD 56703	177.34 8.93 0.00	151.13 7.47 0.00	133.85 5.89 0.00	131.82 6.75 -0.01	130.92 7.06 -0.01	140.22 7.18 0.00	177.78 10.54 -0.01	217.46 13.08 0.00	192.89 12.28 0.00	180.75 10.53 -8.26	152.49 9.46 -7.95	165.59 8.70 -32.60	168.29 8.39 -43.32	164.99 8.27 -43.48	156.90 8.99 -21.27	183.96 10.79 -16.76	214.45 13.37 -15.45	254.90 15.54 -17.41	224.67 14.12 -14.47	219.70 13.37 -28.11	184.19 10.37 -11.71	179.51 8.36 -38.39	149.41 9.12 -0.01	141.15 7.08 -0.47
BRISTLHL_115KV_TB1 79998	164.42 -6.90 -2.92	140.09 -5.89 -2.32	124.35 -5.12 -1.50	121.42 -5.00 -1.37	120.35 -4.83 -1.33	129.59 -5.45 -2.01	163.05 -7.19 -3.00	199.55 -7.97 -3.14	176.38 -7.22 -3.00	157.63 -7.13 -2.79	131.47 -5.94 -2.33	120.90 -5.59 -2.20	113.31 -5.25 -1.98	110.08 -4.98 -1.81	123.41 -5.45 -2.22	152.86 -6.57 -3.02	181.54 -7.61 -3.51	217.13 -8.21 -3.38	192.24 -7.26 -3.41	174.47 -7.13 -3.38	158.57 -6.48 -2.94	129.89 -5.31 -2.45	136.93 -5.61 -2.26	130.06 -5.61 -2.08
BROOKHAVEN__DRP 24191	176.67 8.25 0.00	150.56 6.90 0.00	133.34 5.37 0.00	131.32 6.25 -0.01	130.42 6.56 -0.01	140.39 7.32 -0.04	177.28 10.03 -0.01	216.64 12.26 0.00	192.34 11.74 0.00	180.27 10.04 -8.26	152.22 9.19 -7.94	164.71 8.45 -31.97	167.14 8.28 -42.28	163.66 8.04 -42.37	156.40 8.74 -21.02	183.80 10.64 -16.76	217.01 13.37 -18.00	252.58 13.76 -16.86	223.43 13.33 -14.01	218.11 12.65 -27.23	202.96 11.67 -29.19	194.18 9.56 -51.87	149.12 8.84 -0.01	147.74 8.42 -5.73
BROOKLYN_NAVY_YARD 23515	175.16 6.74 0.00	148.55 4.89 0.00	132.06 4.09 0.00	128.56 3.50 0.00	127.31 3.46 0.00	137.56 4.53 0.00	174.78 7.53 -0.01	213.16 8.78 0.00	189.63 9.03 0.00	179.13 8.90 -8.26	150.42 7.42 -7.91	146.62 7.08 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.96 -14.68	181.44 8.28 -16.75	196.15 10.20 -0.30	233.93 11.98 0.00	206.67 10.58 0.00	188.20 9.97 0.00	171.42 8.42 -0.89	160.90 6.90 -21.25	147.01 6.73 0.00	139.21 5.61 0.00
BROOKLYN__ARMY_DRP 323595	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
BROOME_2_LFGE 323671	143.36 -7.91 17.14	123.14 -6.89 13.62	113.51 -5.63 8.83	111.54 -5.50 8.03	110.69 -5.32 7.83	114.03 -7.19 11.82	138.86 -10.21 18.17	174.47 -11.04 18.87	152.73 -10.29 17.58	135.96 -10.69 15.31	113.20 -9.32 12.57	105.08 -8.82 10.39	99.06 -8.39 9.12	96.72 -8.16 8.38	107.30 -8.74 10.60	131.63 -9.70 15.08	153.68 -10.77 21.19	190.51 -11.55 19.90	166.25 -9.80 20.04	148.90 -9.45 19.87	136.04 -8.92 17.15	114.90 -7.43 10.42	118.82 -8.14 13.31	114.31 -7.08 12.20
BROOME__LFGE 323600	143.36 -7.91 17.14	123.14 -6.89 13.62	113.51 -5.63 8.83	111.54 -5.50 8.03	110.69 -5.32 7.83	114.03 -7.19 11.82	138.86 -10.21 18.17	174.47 -11.04 18.87	152.73 -10.29 17.58	135.96 -10.69 15.31	113.20 -9.32 12.57	105.08 -8.82 10.39	99.06 -8.39 9.12	96.72 -8.16 8.38	107.30 -8.74 10.60	131.63 -9.70 15.08	153.68 -10.77 21.19	190.51 -11.55 19.90	166.25 -9.80 20.04	148.90 -9.45 19.87	136.04 -8.92 17.15	114.90 -7.43 10.42	118.82 -8.14 13.31	114.31 -7.08 12.20
BROWNFLS_115KV_TB_3_5 80003	170.94 2.53 0.00	146.10 2.44 0.00	130.40 2.43 0.00	127.69 2.63 0.00	126.33 2.48 0.00	135.83 2.79 0.00	169.41 2.17 0.00	207.44 3.07 0.00	182.59 1.99 0.00	162.78 0.81 0.00	134.28 -0.81 0.00	123.92 -0.37 0.00	115.99 -0.58 0.00	112.46 -0.79 0.00	125.88 -0.76 0.00	156.09 -0.31 0.00	185.45 -0.19 0.00	222.40 0.44 0.00	195.89 -0.20 0.00	178.04 -0.18 0.00	161.62 -0.49 0.00	131.96 -0.80 0.00	140.56 0.28 0.00	134.13 0.53 0.00
BROWNSV1_27_KV_LOAD 356125	177.00 8.59 0.00	149.98 6.32 0.00	133.47 5.50 0.00	129.81 4.75 0.00	128.68 4.83 0.00	138.89 5.85 0.00	176.61 9.37 -0.01	216.23 11.85 0.00	191.62 11.02 0.00	180.91 10.69 -8.26	151.78 8.78 -7.91	147.87 8.33 -15.25	139.43 7.93 -14.92	134.30 7.70 -13.35	149.55 8.23 -14.68	183.01 9.85 -16.75	198.57 12.62 -0.30	236.38 14.43 0.00	208.64 12.55 0.00	190.16 11.94 0.00	173.05 10.05 -0.89	162.23 8.23 -21.24	148.41 8.14 0.00	140.68 7.08 0.00
BURROWS__LYONSDAL 23803	174.65 6.23 0.00	148.69 5.03 0.00	132.57 4.61 0.00	129.69 4.63 0.00	128.31 4.46 0.00	138.35 5.32 0.00	173.76 6.52 0.00	212.96 8.58 0.00	187.83 7.22 0.00	167.31 5.34 0.00	137.65 2.57 0.00	126.53 2.24 0.00	118.44 1.87 0.00	114.84 1.59 0.00	128.92 2.28 0.00	160.47 4.07 0.00	191.39 5.75 0.00	229.50 7.55 0.00	201.97 5.88 0.00	183.92 5.70 0.00	166.81 4.70 0.00	136.07 3.32 0.00	143.79 3.51 0.00	136.94 3.34 0.00
CAITHNESS_CC_1 323624	176.17 7.75 0.00	150.13 6.47 0.00	132.95 4.99 0.00	130.95 5.88 -0.01	130.05 6.19 -0.01	139.85 6.78 -0.04	176.60 9.36 -0.01	215.20 10.82 0.00	191.62 11.02 0.00	179.62 9.39 -8.26	151.68 8.65 -7.94	164.21 7.96 -31.95	166.53 7.69 -42.26	163.19 7.59 -42.35	155.89 8.23 -21.02	183.19 10.02 -16.76	216.07 12.44 -17.99	251.67 12.87 -16.85	222.45 12.36 -14.00	217.37 11.94 -27.21	202.17 10.86 -29.20	193.52 8.90 -51.88	148.56 8.27 -0.01	146.81 7.48 -5.73
CALPINE BETH_PAGE_GT4 24209	176.50 8.08 0.00	150.41 6.75 0.00	133.34 5.37 0.00	130.83 5.75 -0.01	129.68 5.82 -0.01	139.68 6.65 0.00	176.44 9.20 -0.01	215.82 11.45 0.00	191.62 11.02 0.00	179.94 9.72 -8.26	151.55 8.51 -7.95	169.44 7.95 -37.19	175.11 7.69 -50.84	172.17 7.47 -51.45	157.75 8.10 -23.01	182.87 9.70 -16.77	216.25 11.88 -18.73	256.61 13.10 -21.56	225.77 11.77 -17.91	224.44 11.41 -34.81	184.60 10.05 -12.44	182.22 8.36 -41.11	148.85 8.56 -0.01	141.36 7.75 -0.01
CALPINE_BETH_PAGE_GT_4 323586	176.50 8.08 0.00	150.41 6.75 0.00	133.34 5.37 0.00	130.83 5.76 -0.01	129.68 5.82 -0.01	139.68 6.65 0.00	176.44 9.19 -0.01	215.00 10.62 0.00	191.62 11.02 0.00	179.94 9.72 -8.26	151.56 8.52 -7.95	169.45 7.96 -37.19	175.10 7.69 -50.84	172.17 7.47 -51.45	157.76 8.11 -23.01	182.87 9.70 -16.77	215.88 11.51 -18.73	256.61 13.09 -21.56	225.77 11.76 -17.91	224.27 11.23 -34.81	184.60 10.05 -12.44	182.23 8.37 -41.11	148.85 8.56 -0.01	141.22 7.61 -0.01
CALPINE_BP_GT1 23823	176.50 8.08 0.00	150.41 6.75 0.00	133.34 5.37 0.00	130.83 5.76 -0.01	129.68 5.82 -0.01	139.68 6.65 0.00	176.44 9.19 -0.01	215.00 10.62 0.00	191.62 11.02 0.00	179.94 9.72 -8.26	151.56 8.52 -7.95	169.45 7.96 -37.19	175.10 7.69 -50.84	172.17 7.47 -51.45	157.76 8.11 -23.01	182.87 9.70 -16.77	215.88 11.51 -18.73	256.61 13.09 -21.56	225.77 11.76 -17.91	224.27 11.23 -34.81	184.60 10.05 -12.44	182.23 8.37 -41.11	148.85 8.56 -0.01	141.22 7.61 -0.01
CALSPAN__DRP 24200	136.24 -16.50 15.66	117.27 -13.94 12.45	108.38 -11.52 8.07	106.60 -11.13 7.34	105.66 -11.02 7.16	106.13 -16.10 10.80	125.28 -25.42 16.54	156.44 -29.23 18.71	137.07 -25.28 18.25	124.01 -23.65 14.31	104.65 -18.64 11.80	96.61 -17.53 10.15	91.29 -16.32 8.97	88.94 -16.08 8.22	97.96 -18.36 10.32	119.28 -22.68 14.45	139.43 -26.92 19.29	173.57 -30.19 18.20	150.89 -26.86 18.33	135.45 -24.59 18.18	123.85 -22.53 15.72	104.53 -17.79 10.44	109.86 -18.24 12.18	107.35 -15.10 11.15

CALVERTON___SOLAR 323806	177.17 8.75 0.00	150.98 7.32 0.00	133.73 5.76 0.00	131.69 6.62 -0.01	130.91 7.06 -0.01	140.78 7.71 -0.04	177.96 10.71 -0.01	217.06 12.68 0.00	193.24 12.64 0.00	180.91 10.69 -8.26	152.89 9.86 -7.94	165.33 9.07 -31.97	167.49 8.63 -42.29	164.24 8.60 -42.38	156.91 9.24 -21.03	184.43 11.27 -16.76	217.94 14.30 -18.01	253.47 14.65 -16.87	224.41 14.31 -14.02	219.18 13.72 -27.24	203.78 12.48 -29.19	194.72 10.08 -51.88	149.69 9.40 -0.01	147.89 8.56 -5.73
CANDIGU_WT_PWR 323617	139.87 -12.13 16.41	120.41 -10.20 13.05	111.06 -8.45 8.46	109.12 -8.26 7.69	108.05 -8.30 7.50	109.47 -12.24 11.32	131.61 -18.22 17.40	159.52 -21.67 23.19	135.48 -18.96 26.16	127.53 -19.44 14.99	106.38 -16.35 12.36	98.56 -15.17 10.56	93.05 -14.23 9.30	91.12 -13.59 8.53	99.43 -16.46 10.75	124.54 -16.89 14.97	146.78 -18.56 20.30	182.24 -20.64 19.08	158.43 -18.44 19.22	141.70 -17.46 19.06	129.42 -16.21 16.48	108.80 -13.27 10.68	113.61 -13.89 12.78	110.55 -11.36 11.69
CARR STREET_E_SYR 24060	146.81 -6.23 15.38	126.12 -5.31 12.23	115.44 -4.60 7.92	113.36 -4.50 7.20	112.48 -4.34 7.03	117.37 -5.06 10.61	144.45 -6.69 16.09	180.37 -7.16 16.85	157.87 -6.68 16.05	141.28 -6.65 14.04	117.83 -5.67 11.59	108.85 -5.34 10.10	102.61 -5.01 8.96	100.29 -4.75 8.21	111.19 -5.20 10.25	135.82 -6.26 14.33	159.81 -7.05 18.78	196.33 -7.77 17.85	171.24 -6.87 17.98	153.62 -6.77 17.83	140.51 -6.16 15.43	117.13 -5.04 10.58	123.01 -5.33 11.94	117.44 -5.21 10.95
CARTHAGE___PAPER 23857	171.78 3.37 0.00	146.53 2.87 0.00	130.66 2.69 0.00	127.94 2.88 0.00	126.70 2.85 0.00	136.63 3.59 0.00	171.58 4.34 0.00	210.72 6.34 0.00	185.29 4.69 0.00	164.55 2.58 0.00	135.22 0.14 0.00	124.29 0.00 0.00	116.23 -0.35 0.00	112.69 -0.56 0.00	126.64 0.00 0.00	157.97 1.56 0.00	188.43 2.79 0.00	226.39 4.44 0.00	199.22 3.13 0.00	181.43 3.21 0.00	164.21 2.10 0.00	133.81 1.06 0.00	141.82 1.55 0.00	135.07 1.47 0.00
CASSADAGA_WT_PWR 323784	142.17 -10.44 15.81	121.47 -9.62 12.57	111.76 -8.06 8.14	109.28 -8.38 7.40	108.20 -8.43 7.23	108.96 -13.17 10.90	130.47 -20.07 16.69	163.55 -22.08 18.75	142.70 -19.68 18.22	128.43 -19.11 14.42	107.39 -15.80 11.89	99.29 -14.79 10.21	94.04 -13.52 9.01	91.96 -13.02 8.27	101.70 -14.56 10.38	124.65 -17.20 14.55	146.11 -20.05 19.48	180.74 -22.86 18.36	156.41 -21.18 18.50	140.09 -19.79 18.34	127.44 -18.80 15.86	106.46 -15.80 10.49	111.29 -16.70 12.29	108.72 -13.63 11.25
CE_DUNWOOD___DRP 24194	174.98 6.57 0.00	148.69 5.03 0.00	132.19 4.22 0.00	128.81 3.75 0.00	127.56 3.72 0.00	137.69 4.66 0.00	174.77 7.53 -0.01	213.78 9.40 0.00	189.27 8.67 0.00	178.79 8.58 -8.24	150.14 7.16 -7.89	146.22 6.71 -15.22	137.88 6.41 -14.89	132.81 6.23 -13.33	148.00 6.71 -14.65	181.10 7.98 -16.72	195.97 10.02 -0.30	233.27 11.32 0.00	206.09 10.00 0.00	187.67 9.45 0.00	171.26 8.27 -0.89	160.59 6.64 -21.20	146.87 6.59 0.00	139.34 5.74 0.00
CE_MILLWOOD___DRP 24193	174.81 6.40 0.00	148.40 4.74 0.00	132.06 4.09 0.00	128.56 3.50 0.00	127.44 3.59 0.00	137.56 4.52 0.00	174.44 7.19 -0.01	213.37 8.99 0.00	188.91 8.31 0.00	178.28 8.10 -8.21	149.71 6.75 -7.87	145.92 6.46 -15.17	137.60 6.18 -14.84	132.42 5.89 -13.28	147.70 6.46 -14.60	180.73 7.66 -16.66	195.59 9.65 -0.30	232.83 10.88 0.00	205.50 9.41 0.00	187.31 9.09 0.00	170.77 7.78 -0.88	160.26 6.37 -21.13	146.45 6.17 0.00	139.08 5.48 0.00
CE_NYC2_DRP 24202	176.50 8.08 0.00	149.70 6.03 0.00	133.08 5.12 0.00	129.44 4.38 0.00	128.31 4.46 0.00	138.49 5.45 0.00	176.11 8.86 -0.01	215.01 10.63 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.43 7.43 -7.91	146.50 6.96 -15.25	138.26 6.76 -14.92	133.06 6.46 -13.35	148.29 6.97 -14.68	181.29 8.13 -16.75	196.34 10.40 -0.30	233.94 11.99 0.00	206.28 10.20 0.00	188.20 9.98 0.00	171.10 8.11 -0.89	161.03 7.04 -21.25	147.43 7.15 0.00	140.01 6.41 0.00
CE_NYC_DRP 24195	175.66 7.24 0.00	148.98 5.32 0.00	132.44 4.48 0.00	128.94 3.88 0.00	127.69 3.84 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.60 10.22 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.83 7.84 -7.91	146.87 7.33 -15.25	138.61 7.11 -14.92	133.40 6.80 -13.35	148.66 7.35 -14.68	181.76 8.60 -16.75	197.08 11.14 -0.30	234.38 12.43 0.00	207.07 10.98 0.00	188.56 10.34 0.00	171.75 8.75 -0.89	161.16 7.17 -21.24	147.29 7.01 0.00	139.74 6.15 0.00
CHAFFEE___LFGE 323603	137.02 -15.66 15.74	117.93 -13.21 12.51	108.85 -11.01 8.11	107.06 -10.63 7.37	106.25 -10.40 7.20	106.75 -15.43 10.86	126.54 -24.08 16.62	159.71 -25.96 18.71	138.76 -23.65 18.19	125.41 -22.18 14.37	105.40 -17.83 11.85	97.21 -16.90 10.18	91.84 -15.74 8.99	89.49 -15.51 8.25	98.56 -17.73 10.35	120.16 -21.74 14.50	141.38 -24.87 19.39	175.04 -28.63 18.28	151.99 -25.68 18.42	136.43 -23.53 18.26	124.75 -21.56 15.80	105.03 -17.26 10.47	110.36 -17.68 12.24	108.10 -14.29 11.21
CHATEAUG_35_KV_LOAD 355732	170.77 2.36 0.00	146.39 2.73 0.00	130.78 2.82 0.00	128.19 3.13 0.00	126.94 3.10 0.00	136.36 3.33 0.00	171.25 4.01 0.00	209.08 4.70 0.00	184.40 3.79 0.00	164.88 2.92 0.00	137.38 2.30 0.00	126.65 2.36 0.00	118.79 2.21 0.00	115.52 2.27 0.00	129.17 2.53 0.00	159.69 3.28 0.00	189.35 3.71 0.00	226.62 4.66 0.00	199.81 3.73 0.00	181.07 2.85 0.00	164.54 2.43 0.00	134.48 1.73 0.00	142.10 1.82 0.00	135.47 1.87 0.00
CHATEAUG_WT_PWR 323614	170.27 1.86 0.00	145.95 2.29 0.00	130.27 2.31 0.00	127.69 2.63 0.00	126.45 2.60 0.00	135.83 2.80 0.00	170.58 3.34 0.00	208.25 3.87 0.00	183.67 3.07 0.00	164.23 2.27 0.00	136.98 1.89 0.00	126.27 1.98 0.00	118.44 1.86 0.00	115.17 1.92 0.00	128.79 2.15 0.00	159.22 2.82 0.00	188.60 2.96 0.00	225.72 3.77 0.00	199.03 2.95 0.00	180.37 2.15 0.00	163.89 1.79 0.00	133.94 1.19 0.00	141.68 1.40 0.00	135.07 1.47 0.00
CHAT_HIGH_FALL_HYD 323578	170.77 2.36 0.00	146.39 2.73 0.00	130.78 2.82 0.00	128.19 3.13 0.00	126.94 3.10 0.00	136.36 3.33 0.00	171.25 4.01 0.00	209.08 4.70 0.00	184.40 3.79 0.00	164.88 2.92 0.00	137.38 2.30 0.00	126.65 2.36 0.00	118.79 2.21 0.00	115.52 2.27 0.00	129.17 2.53 0.00	159.69 3.28 0.00	189.35 3.71 0.00	226.62 4.66 0.00	199.81 3.73 0.00	181.07 2.85 0.00	164.54 2.43 0.00	134.48 1.73 0.00	142.10 1.82 0.00	135.47 1.87 0.00
CHAUTAUQUA___LFGE 323629	140.01 -12.63 15.77	120.07 -11.06 12.54	110.50 -9.34 8.12	108.30 -9.38 7.38	107.22 -9.42 7.21	108.05 -14.10 10.88	128.84 -21.74 16.65	161.50 -24.12 18.76	140.48 -21.86 18.27	126.68 -20.89 14.39	106.33 -16.89 11.87	98.43 -15.66 10.20	93.11 -14.46 9.00	90.95 -14.05 8.26	100.31 -15.96 10.36	122.79 -19.09 14.52	144.30 -21.91 19.43	178.78 -24.85 18.32	154.69 -22.94 18.45	138.71 -21.21 18.30	126.33 -19.95 15.83	105.81 -16.47 10.48	110.76 -17.26 12.26	108.34 -14.03 11.23
CHERRYST_13_KV_LD 356241	176.16 7.75 0.00	149.41 5.75 0.00	132.83 4.86 0.00	129.19 4.13 0.00	128.06 4.21 0.00	138.22 5.19 0.00	175.77 8.53 -0.01	215.42 11.04 0.00	190.90 10.29 0.00	180.27 10.04 -8.26	151.24 8.24 -7.91	147.37 7.83 -15.25	138.96 7.46 -14.92	133.85 7.25 -13.35	149.04 7.72 -14.68	182.38 9.23 -16.75	197.64 11.70 -0.30	235.27 13.32 0.00	207.66 11.57 0.00	189.09 10.87 0.00	172.24 9.24 -0.89	161.56 7.57 -21.24	147.71 7.43 0.00	140.01 6.41 0.00

CHESTROR_138KV_BK263 355645	173.47 5.05 0.00	147.40 3.74 0.00	131.16 3.20 0.00	127.81 2.75 0.00	126.70 2.85 0.00	136.62 3.59 0.00	173.10 5.85 -0.01	211.33 6.95 0.00	187.11 6.50 0.00	176.03 6.32 -7.74	147.77 5.27 -7.42	143.56 4.97 -14.30	135.23 4.66 -13.99	130.30 4.53 -12.52	145.34 4.94 -13.76	178.05 5.94 -15.71	193.54 7.61 -0.28	230.17 8.21 0.00	203.34 7.26 0.00	185.35 7.13 0.00	169.10 6.16 -0.83	157.85 5.18 -19.92	145.19 4.91 0.00	138.01 4.41 0.00
CH_MIDHUDSON___DRP 24192	175.66 7.24 0.00	149.26 5.60 0.00	132.83 4.86 0.00	129.44 4.38 0.00	128.18 4.33 0.00	138.35 5.32 0.00	175.27 8.03 -0.01	213.98 9.61 0.00	189.27 8.67 0.00	178.78 8.42 -8.39	149.88 6.75 -8.04	146.13 6.34 -15.50	137.80 6.06 -15.16	132.71 5.89 -13.57	148.02 6.46 -14.92	181.24 7.82 -17.02	195.79 9.84 -0.31	233.05 11.10 0.00	205.89 9.80 0.00	187.67 9.45 0.00	171.12 8.11 -0.90	160.97 6.64 -21.58	146.87 6.59 0.00	139.61 6.01 0.00
CH_MISC_IPPS 23765	176.17 7.75 0.00	149.83 6.17 0.00	133.21 5.25 0.00	129.93 4.87 0.00	128.67 4.83 0.00	138.88 5.85 0.00	176.10 8.86 -0.01	214.39 10.01 0.00	189.99 9.39 0.00	179.13 8.90 -8.26	150.15 7.15 -7.91	146.12 6.58 -15.25	137.90 6.41 -14.92	132.83 6.22 -13.35	148.15 6.83 -14.68	181.43 8.28 -16.74	196.15 10.20 -0.30	233.93 11.98 0.00	206.67 10.58 0.00	188.38 10.15 0.00	171.74 8.75 -0.89	161.15 7.16 -21.24	147.29 7.01 0.00	139.88 6.28 0.00
CH_RES_BVR_FALLS 23983	168.41 0.00 0.00	143.66 0.00 0.00	128.09 0.13 0.00	125.19 0.13 0.00	123.97 0.12 0.00	133.17 0.13 0.00	167.24 0.00 0.00	204.38 0.00 0.00	180.60 0.00 0.00	161.97 0.00 0.00	135.09 0.00 0.00	124.29 0.00 0.00	116.58 0.00 0.00	113.25 0.00 0.00	126.64 0.00 0.00	156.40 0.00 0.00	185.64 0.00 0.00	221.95 0.00 0.00	195.89 -0.20 0.00	178.04 -0.18 0.00	161.94 -0.16 0.00	132.62 -0.13 0.00	140.14 -0.14 0.00	133.47 -0.13 0.00
CH_RES_NIAGARA 23895	132.04 -20.88 15.49	114.10 -17.24 12.32	105.65 -14.33 7.98	104.17 -13.63 7.26	103.39 -13.38 7.08	101.33 -21.02 10.69	119.95 -30.94 16.34	146.18 -39.85 18.35	129.34 -33.59 17.68	116.05 -31.75 14.17	99.63 -23.78 11.68	92.34 -21.88 10.08	87.62 -20.05 8.91	85.15 -19.93 8.17	93.22 -23.17 10.24	111.42 -30.66 14.33	130.55 -36.01 19.07	163.34 -40.62 18.00	144.43 -33.53 18.13	126.56 -33.68 17.98	116.40 -30.15 15.55	99.00 -23.36 10.39	104.95 -23.29 12.05	104.40 -18.17 11.03
CH_RES_SYRACUSE 23985	154.25 -5.05 9.12	131.96 -4.45 7.25	119.43 -3.84 4.70	117.16 -3.63 4.27	116.21 -3.47 4.17	122.62 -4.13 6.29	152.09 -5.51 9.63	188.78 -5.51 10.09	165.58 -5.41 9.61	147.98 -5.67 8.31	123.24 -5.00 6.85	113.69 -4.72 5.88	106.94 -4.43 5.20	104.29 -4.19 4.77	116.11 -4.55 5.98	142.69 -5.32 8.40	168.65 -5.76 11.23	205.39 -5.98 10.58	180.14 -5.29 10.66	162.31 -5.34 10.57	148.11 -4.86 9.14	122.58 -4.12 6.05	128.70 -4.49 7.08	122.82 -4.28 6.49
CLINTON_WT_PWR 323605	170.27 1.86 0.00	145.95 2.29 0.00	130.27 2.31 0.00	127.69 2.63 0.00	126.45 2.60 0.00	135.83 2.80 0.00	170.58 3.34 0.00	208.25 3.87 0.00	183.67 3.07 0.00	164.23 2.27 0.00	136.98 1.89 0.00	126.27 1.98 0.00	118.44 1.86 0.00	115.17 1.92 0.00	128.79 2.15 0.00	159.22 2.82 0.00	188.60 2.96 0.00	225.72 3.77 0.00	199.03 2.95 0.00	180.37 2.15 0.00	163.89 1.79 0.00	133.94 1.19 0.00	141.68 1.40 0.00	135.07 1.47 0.00
CLINTON___LFGE 323618	172.96 4.55 0.00	148.26 4.60 0.00	132.44 4.48 0.00	129.93 4.87 0.00	128.67 4.83 0.00	138.36 5.33 0.00	173.75 6.52 0.00	212.14 7.76 0.00	187.29 6.69 0.00	167.15 5.18 0.00	139.14 4.05 0.00	128.27 3.98 0.00	120.31 3.73 0.00	116.98 3.73 0.00	130.95 4.31 0.00	162.03 5.62 0.00	191.95 6.32 0.00	230.60 8.65 0.00	202.95 6.86 0.00	183.75 5.53 0.00	167.14 5.03 0.00	136.46 3.71 0.00	144.07 3.79 0.00	137.33 3.74 0.00
COBBLENY_34_KV_TB1 80064	137.01 -15.66 15.74	117.93 -13.22 12.51	108.85 -11.00 8.11	107.06 -10.63 7.37	106.25 -10.40 7.20	106.75 -15.43 10.86	126.53 -24.08 16.62	158.28 -27.39 18.71	138.75 -23.66 18.19	125.24 -22.35 14.37	105.41 -17.83 11.85	97.21 -16.90 10.18	91.85 -15.74 8.99	89.49 -15.52 8.25	98.56 -17.73 10.35	120.16 -21.74 14.50	140.44 -25.80 19.39	174.82 -28.85 18.28	151.98 -25.69 18.42	136.43 -23.53 18.26	124.75 -21.56 15.80	105.04 -17.26 10.46	110.36 -17.68 12.24	107.70 -14.70 11.21
COFFEEN___115KV_TB3 355620	172.29 3.87 0.00	146.68 3.02 0.00	130.78 2.82 0.00	128.06 3.00 0.00	127.07 3.22 0.00	137.02 3.99 0.00	172.25 5.02 0.00	211.74 7.36 0.00	186.38 5.78 0.00	165.04 3.08 0.00	135.76 0.68 0.00	124.29 0.00 0.00	116.23 -0.35 0.00	112.80 -0.45 0.00	127.02 0.38 0.00	158.91 2.50 0.00	190.09 4.46 0.00	229.06 7.10 0.00	201.58 5.49 0.00	183.39 5.17 0.00	166.00 3.89 0.00	135.14 2.39 0.00	142.66 2.38 0.00	135.87 2.27 0.00
COLDSPRG_115KV_BK1 355956	142.78 -9.77 15.86	122.14 -8.91 12.61	112.50 -7.29 8.17	110.25 -7.38 7.43	109.29 -7.31 7.25	110.52 -11.57 10.94	133.42 -17.06 16.76	168.28 -17.37 18.73	147.11 -15.35 18.15	131.95 -15.55 14.47	109.38 -13.78 11.93	100.76 -13.30 10.23	94.95 -12.59 9.03	92.73 -12.23 8.29	102.81 -13.42 10.41	126.64 -15.17 14.59	148.82 -17.26 19.55	183.10 -20.42 18.43	159.09 -18.43 18.57	143.24 -16.57 18.41	130.14 -16.05 15.92	108.73 -13.54 10.48	113.07 -14.87 12.34	110.01 -12.29 11.30
COLONIE_LFGE___ 323577	176.33 7.92 0.00	150.13 6.47 0.00	133.34 5.37 0.00	130.31 5.25 0.00	129.05 5.20 0.00	139.02 5.99 0.00	175.50 8.19 -0.07	213.79 9.41 0.00	189.27 8.67 0.00	179.92 7.93 -10.02	151.30 6.62 -9.60	148.76 5.97 -18.50	140.16 5.48 -18.10	134.77 5.32 -16.20	150.40 5.95 -17.81	184.23 7.51 -20.32	194.92 8.91 -0.37	233.05 11.09 0.00	206.08 10.00 0.00	187.48 9.26 0.00	171.61 8.42 -1.08	165.22 6.77 -25.70	147.29 7.01 0.00	140.28 6.68 0.00
COOPERNY_115KV_TB1 80082	172.29 3.87 0.00	146.53 2.87 0.00	130.40 2.43 0.00	127.19 2.13 0.00	125.95 2.11 0.00	135.83 2.79 0.00	171.76 4.52 -0.01	209.69 5.31 0.00	185.48 4.88 0.00	173.44 5.02 -6.45	145.31 4.05 -6.17	139.92 3.73 -11.90	131.84 3.61 -11.65	127.19 3.51 -10.42	141.90 3.80 -11.46	174.21 4.69 -13.11	191.63 5.75 -0.24	228.39 6.44 0.00	201.58 5.49 0.00	183.75 5.52 0.00	167.67 4.86 -0.70	153.50 4.12 -16.63	144.21 3.93 0.00	137.07 3.47 0.00
COPENHAGEN_WT_PWR 323753	170.44 2.03 0.00	145.10 1.44 0.00	129.37 1.41 0.00	126.68 1.62 0.00	125.58 1.73 0.00	135.29 2.26 0.00	170.08 2.84 0.00	209.08 4.70 0.00	183.86 3.25 0.00	163.26 1.29 0.00	134.55 -0.54 0.00	123.29 -1.00 0.00	115.41 -1.17 0.00	112.01 -1.24 0.00	125.88 -0.76 0.00	157.19 0.79 0.00	187.69 2.05 0.00	225.72 3.77 0.00	198.83 2.74 0.00	180.90 2.68 0.00	163.89 1.79 0.00	133.42 0.67 0.00	141.12 0.85 0.00	134.41 0.81 0.00
CORNELL_____ 23752	149.27 -3.20 15.95	128.25 -2.73 12.68	117.57 -2.18 8.22	115.59 -2.00 7.47	114.82 -1.73 7.29	119.24 -2.79 11.00	146.02 -4.18 17.04	183.73 -3.27 17.37	161.15 -3.61 15.85	142.13 -5.34 14.49	117.92 -5.27 11.90	109.09 -5.22 9.99	102.58 -5.13 8.87	100.24 -4.87 8.14	111.53 -4.94 10.17	137.44 -4.54 14.43	161.68 -4.08 19.88	200.85 -2.66 18.44	175.16 -2.35 18.58	156.77 -3.03 18.42	143.29 -2.92 15.90	120.14 -2.66 9.96	124.73 -3.23 12.32	119.04 -3.21 11.36

CORONA V_69_KV_TB1 355595	176.83 8.42 0.00	150.70 7.04 0.00	133.72 5.76 0.00	130.96 5.88 -0.02	129.69 5.82 -0.02	139.82 6.78 0.00	176.78 9.53 -0.01	215.62 11.24 0.00	191.80 11.20 0.00	180.27 10.04 -8.26	151.44 8.38 -7.97	180.52 7.83 -48.40	193.33 7.58 -69.18	191.40 7.25 -70.90	161.75 7.85 -27.26	182.72 9.54 -16.77	224.78 11.51 -27.63	266.58 12.65 -31.97	234.03 11.37 -26.56	240.72 10.87 -51.63	189.62 9.73 -17.79	191.01 7.97 -50.30	148.57 8.28 -0.02	141.23 7.62 -0.02
CORTLAND_115KV_TB3 80093	148.18 -4.55 15.69	127.31 -3.88 12.47	116.68 -3.20 8.08	114.71 -3.00 7.35	113.83 -2.85 7.17	118.35 -3.86 10.82	143.19 -6.35 17.70	179.70 -6.34 18.34	157.32 -6.14 17.15	139.79 -6.96 15.21	116.21 -6.35 12.52	107.52 -6.09 10.68	101.18 -5.95 9.46	98.91 -5.66 8.67	109.95 -5.83 10.86	134.69 -6.41 15.30	158.68 -6.31 20.65	198.44 -5.33 18.19	173.06 -4.71 18.32	155.24 -4.81 18.17	141.87 -4.54 15.70	118.60 -3.98 10.17	123.77 -4.35 12.16	118.28 -4.14 11.17
COXSACKIE__GT 23611	182.05 13.64 0.00	155.16 11.50 0.00	137.82 9.85 0.00	134.94 9.88 0.00	133.26 9.41 0.00	143.94 10.91 0.00	181.99 14.72 -0.03	220.74 16.36 0.00	193.62 13.01 0.00	181.21 9.72 -9.53	151.36 7.15 -9.12	147.97 6.09 -17.59	139.50 5.71 -17.21	134.42 5.77 -15.40	150.66 7.09 -16.93	185.42 9.70 -19.31	200.85 14.86 -0.35	239.92 17.97 0.00	211.78 15.69 0.00	192.30 14.08 0.00	174.47 11.34 -1.02	165.99 8.76 -24.48	150.93 10.66 0.00	143.75 10.15 0.00
CPV_VALLEY__CC1 323721	172.29 3.88 0.00	146.38 2.72 0.00	130.27 2.31 0.00	126.94 1.88 0.00	125.82 1.98 0.00	135.69 2.66 0.00	171.76 4.52 -0.01	209.28 4.90 0.00	185.85 5.24 0.00	174.43 5.18 -7.28	146.38 4.32 -6.97	141.83 4.10 -13.45	133.70 3.97 -13.16	128.88 3.85 -11.77	143.64 4.05 -12.95	176.03 4.85 -14.77	191.67 5.76 -0.27	228.61 6.65 0.00	201.97 5.88 0.00	184.09 5.87 0.00	167.92 5.03 -0.78	155.61 4.12 -18.74	144.20 3.92 0.00	136.94 3.34 0.00
CPV_VALLEY__CC2 323722	172.29 3.88 0.00	146.38 2.72 0.00	130.27 2.31 0.00	126.94 1.88 0.00	125.82 1.98 0.00	135.69 2.66 0.00	171.76 4.52 -0.01	209.28 4.90 0.00	185.85 5.24 0.00	174.43 5.18 -7.28	146.38 4.32 -6.97	141.83 4.10 -13.45	133.70 3.97 -13.16	128.88 3.85 -11.77	143.64 4.05 -12.95	176.03 4.85 -14.77	191.67 5.76 -0.27	228.61 6.65 0.00	201.97 5.88 0.00	184.09 5.87 0.00	167.92 5.03 -0.78	155.61 4.12 -18.74	144.20 3.92 0.00	136.94 3.34 0.00
CRESCENT__HYD 24018	176.33 7.92 0.00	150.13 6.47 0.00	133.34 5.37 0.00	130.31 5.25 0.00	129.05 5.20 0.00	139.02 5.99 0.00	175.50 8.19 -0.07	213.79 9.41 0.00	189.27 8.67 0.00	179.92 7.93 -10.02	151.30 6.62 -9.60	148.76 5.97 -18.50	140.16 5.48 -18.10	134.77 5.32 -16.20	150.40 5.95 -17.81	184.23 7.51 -20.32	194.92 8.91 -0.37	233.05 11.09 0.00	206.08 10.00 0.00	187.48 9.26 0.00	171.61 8.42 -1.08	165.22 6.77 -25.70	147.29 7.01 0.00	140.28 6.68 0.00
CRICKET__VALLEY_CC1 323756	174.65 6.23 0.00	148.40 4.73 0.00	131.93 3.97 0.00	128.69 3.63 0.00	127.44 3.59 0.00	137.42 4.38 0.00	174.11 6.86 -0.01	211.73 7.35 0.00	187.84 7.23 0.00	177.72 7.12 -8.63	149.44 6.08 -8.27	145.82 5.60 -15.93	137.54 5.37 -15.59	132.42 5.21 -13.95	147.69 5.70 -15.34	180.63 6.72 -17.51	193.93 7.98 -0.32	231.06 9.10 0.00	204.13 8.04 0.00	186.05 7.83 0.00	170.00 6.97 -0.93	160.67 5.70 -22.21	145.90 5.62 0.00	138.95 5.35 0.00
CRICKET__VALLEY_CC2 323757	174.65 6.23 0.00	148.40 4.73 0.00	131.93 3.97 0.00	128.69 3.63 0.00	127.44 3.59 0.00	137.42 4.38 0.00	174.11 6.86 -0.01	211.73 7.35 0.00	187.84 7.23 0.00	177.72 7.12 -8.63	149.44 6.08 -8.27	145.82 5.60 -15.93	137.54 5.37 -15.59	132.42 5.21 -13.95	147.69 5.70 -15.34	180.63 6.72 -17.51	193.93 7.98 -0.32	231.06 9.10 0.00	204.13 8.04 0.00	186.05 7.83 0.00	170.00 6.97 -0.93	160.67 5.70 -22.21	145.90 5.62 0.00	138.95 5.35 0.00
CRICKET__VALLEY_CC3 323758	174.65 6.23 0.00	148.40 4.73 0.00	131.93 3.97 0.00	128.69 3.63 0.00	127.44 3.59 0.00	137.42 4.38 0.00	174.11 6.86 -0.01	211.73 7.35 0.00	187.84 7.23 0.00	177.72 7.12 -8.63	149.44 6.08 -8.27	145.82 5.60 -15.93	137.54 5.37 -15.59	132.42 5.21 -13.95	147.69 5.70 -15.34	180.63 6.72 -17.51	193.93 7.98 -0.32	231.06 9.10 0.00	204.13 8.04 0.00	186.05 7.83 0.00	170.00 6.97 -0.93	160.67 5.70 -22.21	145.90 5.62 0.00	138.95 5.35 0.00
CRUCIBLE_METL_DRP 24180	154.24 -5.05 9.12	131.96 -4.45 7.25	119.43 -3.84 4.70	117.16 -3.63 4.27	116.21 -3.47 4.17	122.62 -4.12 6.29	152.09 -5.52 9.63	188.36 -5.93 10.09	165.58 -5.42 9.61	147.98 -5.67 8.31	123.24 -5.00 6.85	113.69 -4.72 5.88	106.94 -4.43 5.20	104.29 -4.19 4.77	116.10 -4.56 5.98	142.69 -5.32 8.40	168.47 -5.94 11.23	205.38 -5.99 10.58	180.14 -5.29 10.66	162.31 -5.35 10.57	148.10 -4.86 9.14	122.59 -4.12 6.04	128.71 -4.49 7.08	122.70 -4.41 6.49
DAHOWA__HYDRO 323763	180.03 11.61 0.00	153.29 9.63 0.00	136.03 8.07 0.00	133.07 8.01 0.00	131.78 7.93 0.00	142.08 9.05 0.00	179.20 11.88 -0.08	219.29 14.91 0.00	193.78 13.18 0.00	183.63 11.50 -10.17	153.87 9.05 -9.74	151.13 8.07 -18.77	142.29 7.35 -18.37	136.59 6.91 -16.44	152.82 8.11 -18.07	187.50 10.48 -20.62	199.00 12.99 -0.37	237.94 15.99 0.00	210.40 14.31 0.00	191.06 12.84 0.00	175.03 11.83 -1.09	168.29 9.43 -26.11	150.09 9.82 0.00	142.81 9.21 0.00
DANC__LFGE 323619	166.90 -1.52 0.00	142.22 -1.44 0.00	126.81 -1.15 0.00	124.06 -1.00 0.00	122.99 -0.86 0.00	132.24 -0.79 0.00	165.89 -1.34 0.00	203.97 -0.41 0.00	179.53 -1.08 0.00	159.86 -2.11 0.00	132.24 -2.84 0.00	121.44 -2.85 0.00	113.67 -2.91 0.00	110.42 -2.83 0.00	123.97 -2.67 0.00	154.06 -2.34 0.00	183.60 -2.04 0.00	220.63 -1.32 0.00	194.51 -1.58 0.00	176.79 -1.43 0.00	160.33 -1.78 0.00	130.89 -1.86 0.00	138.31 -1.96 0.00	131.86 -1.74 0.00
DANSKAMMER__1 23586	176.17 7.75 0.00	149.83 6.17 0.00	133.21 5.25 0.00	129.93 4.87 0.00	128.67 4.83 0.00	138.88 5.85 0.00	176.10 8.86 -0.01	214.39 10.01 0.00	189.99 9.39 0.00	179.13 8.90 -8.26	150.15 7.15 -7.91	146.12 6.58 -15.25	137.90 6.41 -14.92	132.83 6.22 -13.35	148.15 6.83 -14.68	181.43 8.28 -16.74	196.15 10.20 -0.30	233.93 11.98 0.00	206.67 10.58 0.00	188.38 10.15 0.00	171.74 8.75 -0.89	161.15 7.16 -21.24	147.29 7.01 0.00	139.88 6.28 0.00
DANSKAMMER__2 23589	176.17 7.75 0.00	149.83 6.17 0.00	133.21 5.25 0.00	129.93 4.87 0.00	128.67 4.83 0.00	138.88 5.85 0.00	176.10 8.86 -0.01	214.39 10.01 0.00	189.99 9.39 0.00	179.13 8.90 -8.26	150.15 7.15 -7.91	146.12 6.58 -15.25	137.90 6.41 -14.92	132.83 6.22 -13.35	148.15 6.83 -14.68	181.43 8.28 -16.74	196.15 10.20 -0.30	233.93 11.98 0.00	206.67 10.58 0.00	188.38 10.15 0.00	171.74 8.75 -0.89	161.15 7.16 -21.24	147.29 7.01 0.00	139.88 6.28 0.00
DANSKAMMER__3 23590	176.17 7.75 0.00	149.83 6.17 0.00	133.21 5.25 0.00	129.93 4.87 0.00	128.67 4.83 0.00	138.88 5.85 0.00	176.10 8.86 -0.01	214.39 10.01 0.00	189.99 9.39 0.00	179.13 8.90 -8.26	150.15 7.15 -7.91	146.12 6.58 -15.25	137.90 6.41 -14.92	132.83 6.22 -13.35	148.15 6.83 -14.68	181.43 8.28 -16.74	196.15 10.20 -0.30	233.93 11.98 0.00	206.67 10.58 0.00	188.38 10.15 0.00	171.74 8.75 -0.89	161.15 7.16 -21.24	147.29 7.01 0.00	139.88 6.28 0.00

DANSKAMMER___4 23591	176.17 7.75 0.00	149.83 6.17 0.00	133.21 5.25 0.00	129.93 4.87 0.00	128.67 4.83 0.00	138.88 5.85 0.00	176.10 8.86 -0.01	214.39 10.01 0.00	189.99 9.39 0.00	179.13 8.90 -8.26	150.15 7.15 -7.91	146.12 6.58 -15.25	137.90 6.41 -14.92	132.83 6.22 -13.35	148.15 6.83 -14.68	181.43 8.28 -16.74	196.15 10.20 -0.30	233.93 11.98 0.00	206.67 10.58 0.00	188.38 10.15 0.00	171.74 8.75 -0.89	161.15 7.16 -21.24	147.29 7.01 0.00	139.88 6.28 0.00
DANSKAMMER___DIESEL 23592	176.16 7.75 0.00	149.84 6.18 0.00	133.21 5.25 0.00	129.94 4.88 0.00	128.68 4.83 0.00	138.89 5.85 0.00	176.11 8.86 -0.01	215.01 10.63 0.00	190.00 9.39 0.00	179.13 8.91 -8.26	150.15 7.16 -7.91	146.12 6.59 -15.25	137.91 6.41 -14.92	132.83 6.23 -13.35	148.16 6.84 -14.68	181.43 8.29 -16.74	196.71 10.77 -0.30	234.16 12.21 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.75 8.75 -0.89	161.15 7.17 -21.23	147.29 7.01 0.00	139.88 6.28 0.00
DARBY___SOLAR 323810	179.20 10.79 0.00	152.57 8.91 0.00	135.38 7.42 0.00	132.44 7.38 0.00	131.03 7.18 0.00	141.42 8.39 0.00	178.35 11.04 -0.08	218.07 13.70 0.00	192.71 12.10 0.00	182.63 10.52 -10.14	153.18 8.38 -9.71	150.35 7.33 -18.73	141.66 6.76 -18.33	136.10 6.45 -16.40	152.14 7.47 -18.03	186.68 9.70 -20.58	198.07 12.06 -0.37	236.60 14.65 0.00	209.23 13.14 0.00	190.16 11.94 0.00	174.23 11.03 -1.09	167.43 8.62 -26.05	149.39 9.11 0.00	142.16 8.56 0.00
DASHVILLE___HYD 23610	174.65 6.23 0.00	148.55 4.88 0.00	132.06 4.09 0.00	128.81 3.75 0.00	127.56 3.72 0.00	137.69 4.66 0.00	174.11 6.86 -0.01	213.17 8.79 0.00	188.19 7.59 0.00	176.62 6.15 -8.50	147.82 4.59 -8.14	144.20 4.23 -15.69	136.13 4.20 -15.35	131.06 4.08 -13.74	146.30 4.56 -15.10	178.92 5.32 -17.20	194.49 8.54 -0.31	231.50 9.54 0.00	204.32 8.24 0.00	186.42 8.20 0.00	168.86 5.84 -0.91	159.21 4.65 -21.81	145.89 5.61 0.00	138.54 4.94 0.00
DELAWARE___LFGE 323621	166.97 4.55 5.99	142.35 3.45 4.76	127.82 2.94 3.09	125.01 2.75 2.81	123.96 2.85 2.74	132.49 3.59 4.13	165.91 5.02 6.34	203.81 6.13 6.70	179.86 5.60 6.34	165.06 5.18 2.09	137.87 4.05 1.27	130.16 3.48 -2.39	122.55 3.26 -2.71	118.77 3.17 -2.35	132.28 3.55 -2.10	162.76 5.00 -1.35	184.47 6.13 7.29	222.10 7.10 6.95	195.16 6.08 7.00	177.34 6.06 6.95	161.81 5.35 5.64	141.90 4.38 -4.77	139.83 4.21 4.65	133.34 4.01 4.27
DERFIELD_115KV_TB7 355931	169.26 0.84 0.00	144.24 0.57 0.00	128.48 0.51 0.00	125.56 0.50 0.00	124.34 0.50 0.00	133.56 0.53 0.00	168.07 0.84 0.00	205.40 1.02 0.00	181.51 0.90 0.00	162.94 0.97 0.00	135.76 0.68 0.00	124.91 0.62 0.00	117.16 0.58 0.00	113.82 0.57 0.00	127.27 0.63 0.00	157.19 0.78 0.00	186.57 0.93 0.00	222.84 0.89 0.00	196.87 0.78 0.00	178.93 0.71 0.00	162.75 0.65 0.00	133.28 0.53 0.00	140.98 0.70 0.00	134.27 0.67 0.00
DOGLEVILLE___HYD 23807	181.38 12.97 0.00	155.01 11.35 0.00	138.33 10.37 0.00	135.32 10.26 0.00	134.13 10.28 0.00	143.94 10.91 0.00	180.28 13.04 0.00	220.12 15.74 0.00	194.51 13.91 0.00	174.92 12.96 0.00	145.62 10.54 0.00	133.99 9.69 0.00	125.67 9.09 0.00	121.97 8.72 0.00	136.26 9.62 0.00	168.29 11.89 0.00	199.19 13.55 0.00	237.94 15.98 0.00	210.21 14.12 0.00	191.23 13.01 0.00	173.94 11.83 0.00	142.58 9.82 0.00	151.22 10.94 0.00	144.29 10.69 0.00
DUNKIRK___115KV_TB_200 55889	139.68 -12.97 15.77	119.78 -11.35 12.53	110.37 -9.47 8.12	108.17 -9.50 7.38	107.10 -9.54 7.21	107.92 -14.23 10.87	128.68 -21.91 16.65	160.68 -24.93 18.76	140.30 -22.03 18.27	126.52 -21.06 14.39	106.20 -17.02 11.87	98.31 -15.79 10.19	93.00 -14.57 9.00	90.84 -14.16 8.26	100.19 -16.08 10.36	122.49 -19.39 14.52	143.75 -22.46 19.43	178.34 -25.30 18.31	154.50 -23.14 18.45	138.54 -21.39 18.29	126.34 -19.94 15.82	105.83 -16.46 10.46	110.76 -17.25 12.26	108.08 -14.30 11.23
DUNKIRK___1 23563	139.68 -12.97 15.77	119.78 -11.35 12.53	110.37 -9.47 8.12	108.17 -9.50 7.38	107.10 -9.54 7.21	107.92 -14.23 10.87	128.68 -21.91 16.65	160.68 -24.93 18.76	140.30 -22.03 18.27	126.52 -21.06 14.39	106.20 -17.02 11.87	98.31 -15.79 10.19	93.00 -14.57 9.00	90.84 -14.16 8.26	100.19 -16.08 10.36	122.49 -19.39 14.52	143.75 -22.46 19.43	178.34 -25.30 18.31	154.50 -23.14 18.45	138.54 -21.39 18.29	126.34 -19.94 15.82	105.83 -16.46 10.46	110.76 -17.25 12.26	108.08 -14.30 11.23
DUNKIRK___2 23564	139.68 -12.97 15.77	119.78 -11.35 12.53	110.37 -9.47 8.12	108.17 -9.50 7.38	107.10 -9.54 7.21	107.92 -14.23 10.87	128.68 -21.91 16.65	160.68 -24.93 18.76	140.30 -22.03 18.27	126.52 -21.06 14.39	106.20 -17.02 11.87	98.31 -15.79 10.19	93.00 -14.57 9.00	90.84 -14.16 8.26	100.19 -16.08 10.36	122.49 -19.39 14.52	143.75 -22.46 19.43	178.34 -25.30 18.31	154.50 -23.14 18.45	138.54 -21.39 18.29	126.34 -19.94 15.82	105.83 -16.46 10.46	110.76 -17.25 12.26	108.08 -14.30 11.23
DUNKIRK___3 23565	138.50 -14.15 15.77	118.91 -12.21 12.54	109.60 -10.24 8.12	107.55 -10.13 7.38	106.61 -10.03 7.21	107.26 -14.90 10.88	127.84 -22.74 16.65	159.64 -25.96 18.78	139.55 -22.76 18.30	125.87 -21.70 14.40	105.66 -17.56 11.87	97.69 -16.41 10.20	92.42 -15.15 9.00	90.16 -14.84 8.26	99.43 -16.84 10.37	121.70 -20.18 14.52	142.63 -23.58 19.43	177.00 -26.63 18.32	153.71 -23.92 18.45	137.82 -22.10 18.30	125.69 -20.59 15.83	105.42 -16.86 10.47	110.48 -17.53 12.26	107.81 -14.56 11.23
DUNKIRK___4 23566	138.50 -14.15 15.77	118.91 -12.21 12.54	109.60 -10.24 8.12	107.55 -10.13 7.38	106.61 -10.03 7.21	107.26 -14.90 10.88	127.84 -22.74 16.65	159.64 -25.96 18.78	139.55 -22.76 18.30	125.87 -21.70 14.40	105.66 -17.56 11.87	97.69 -16.41 10.20	92.42 -15.15 9.00	90.16 -14.84 8.26	99.43 -16.84 10.37	121.70 -20.18 14.52	142.63 -23.58 19.43	177.00 -26.63 18.32	153.71 -23.92 18.45	137.82 -22.10 18.30	125.69 -20.59 15.83	105.42 -16.86 10.47	110.48 -17.53 12.26	107.81 -14.56 11.23
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	175.32 6.90 0.00	148.83 5.17 0.00	132.44 4.48 0.00	129.06 4.00 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.10 7.86 -0.01	214.19 9.81 0.00	190.00 9.39 0.00	179.30 9.07 -8.26	150.56 7.56 -7.91	146.63 7.08 -15.25	138.38 6.88 -14.92	133.17 6.57 -13.35	148.41 7.09 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	233.94 11.99 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.75 8.75 -0.89	161.04 7.04 -21.25	147.15 6.87 0.00	139.61 6.01 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	174.65 6.23 0.00	148.40 4.74 0.00	132.06 4.09 0.00	128.69 3.63 0.00	127.44 3.59 0.00	137.56 4.52 0.00	174.44 7.19 -0.01	212.96 8.58 0.00	188.37 7.77 0.00	177.62 7.61 -8.04	148.86 6.08 -7.70	144.85 5.72 -14.84	136.58 5.48 -14.52	131.57 5.32 -12.99	146.75 5.83 -14.29	179.57 6.88 -16.29	194.85 8.91 -0.29	231.94 9.99 0.00	204.72 8.63 0.00	186.78 8.55 0.00	170.27 7.29 -0.86	159.38 5.97 -20.66	146.17 5.89 0.00	138.81 5.21 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	177.17 8.76 0.00	150.27 6.61 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.02 5.99 0.00	176.61 9.37 -0.01	215.42 11.04 0.00	189.45 8.85 0.00	178.97 8.75 -8.26	149.75 6.75 -7.91	145.88 6.34 -15.25	137.79 6.30 -14.92	132.72 6.12 -13.35	147.78 6.46 -14.68	180.51 7.35 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.30 9.22 0.00	187.49 9.27 0.00	170.45 7.46 -0.89	161.17 7.17 -21.25	147.99 7.72 0.00	140.41 6.81 0.00

E179THST_13_KV_LOAD 356214	178.01 9.60 0.00	150.84 7.18 0.00	134.11 6.14 0.00	130.44 5.38 0.00	129.30 5.45 0.00	139.55 6.52 0.00	177.45 10.20 -0.01	216.44 12.06 0.00	190.36 9.75 0.00	179.78 9.56 -8.26	150.43 7.43 -7.91	146.50 6.96 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.41 7.09 -14.68	181.29 8.13 -16.75	196.52 10.58 -0.30	233.94 11.99 0.00	206.28 10.20 0.00	188.38 10.16 0.00	171.26 8.27 -0.89	161.83 7.83 -21.25	148.69 8.42 0.00	141.08 7.48 0.00
EAST HAMPTON___GT 23717	176.66 8.25 0.00	150.70 7.04 0.00	133.59 5.62 0.00	132.07 7.00 -0.01	132.03 8.17 -0.01	142.92 9.84 -0.04	181.63 14.38 -0.01	222.15 17.77 0.00	198.12 17.51 0.00	185.45 15.22 -8.26	157.21 14.18 -7.94	169.32 13.05 -31.98	171.23 12.35 -42.31	167.32 11.67 -42.40	159.71 12.04 -21.03	187.86 14.70 -16.76	222.21 18.56 -18.01	258.37 19.54 -16.88	229.13 19.02 -14.02	223.29 17.82 -27.25	207.17 15.90 -29.17	197.49 12.87 -51.87	151.92 11.64 -0.01	150.54 11.22 -5.72
EAST RIVER___6 23660	175.49 7.07 0.00	148.69 5.03 0.00	132.32 4.35 0.00	128.69 3.63 0.00	127.56 3.71 0.00	137.69 4.65 0.00	175.11 7.86 -0.01	213.99 9.61 0.00	190.35 9.75 0.00	179.78 9.55 -8.26	150.96 7.97 -7.91	146.99 7.46 -15.25	138.73 7.23 -14.92	133.63 7.02 -13.35	148.79 7.47 -14.68	182.06 8.91 -16.75	196.71 10.76 -0.30	234.82 12.87 0.00	207.26 11.17 0.00	188.73 10.51 0.00	171.74 8.75 -0.89	161.17 7.16 -21.25	147.15 6.87 0.00	139.47 5.87 0.00
EAST RIVER___7 23524	175.49 7.07 0.00	148.69 5.03 0.00	132.32 4.35 0.00	128.69 3.63 0.00	127.56 3.71 0.00	137.69 4.65 0.00	175.11 7.86 -0.01	213.99 9.61 0.00	190.35 9.75 0.00	179.78 9.55 -8.26	150.96 7.97 -7.91	146.99 7.46 -15.25	138.73 7.23 -14.92	133.63 7.02 -13.35	148.79 7.47 -14.68	182.06 8.91 -16.75	196.71 10.76 -0.30	234.82 12.87 0.00	207.26 11.17 0.00	188.73 10.51 0.00	171.74 8.75 -0.89	161.17 7.16 -21.25	147.15 6.87 0.00	139.47 5.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	174.98 6.57 0.00	148.69 5.03 0.00	132.19 4.22 0.00	128.81 3.75 0.00	127.56 3.72 0.00	137.69 4.66 0.00	174.77 7.53 -0.01	213.78 9.40 0.00	189.27 8.67 0.00	178.79 8.58 -8.24	150.14 7.16 -7.89	146.22 6.71 -15.22	137.88 6.41 -14.89	132.81 6.23 -13.33	148.00 6.71 -14.65	181.10 7.98 -16.72	195.97 10.02 -0.30	233.27 11.32 0.00	206.09 10.00 0.00	187.67 9.45 0.00	171.26 8.27 -0.89	160.59 6.64 -21.20	146.87 6.59 0.00	139.34 5.74 0.00
EAST_HAMPTON___DIESEL 23722	176.33 7.92 0.00	150.41 6.75 0.00	133.34 5.37 0.00	131.82 6.75 -0.01	131.90 8.05 -0.01	142.92 9.84 -0.04	181.63 14.38 -0.01	221.96 17.58 0.00	197.94 17.34 0.00	185.45 15.22 -8.26	157.21 14.18 -7.94	169.32 13.05 -31.98	171.23 12.35 -42.31	167.32 11.67 -42.40	159.71 12.04 -21.03	187.72 14.55 -16.76	222.21 18.56 -18.01	258.13 19.30 -16.88	228.94 18.83 -14.02	223.12 17.65 -27.25	207.00 15.72 -29.17	197.36 12.75 -51.87	151.79 11.51 -0.01	150.40 11.08 -5.72
EAST_POINT___SOLAR 323840	176.83 8.42 0.00	150.41 6.75 0.00	133.21 5.25 0.00	130.56 5.50 0.00	129.29 5.44 0.00	140.21 7.18 0.00	176.68 9.36 -0.08	216.23 11.85 0.00	186.75 6.14 0.00	176.12 2.92 -11.24	147.20 1.35 -10.76	145.91 0.88 -20.75	137.12 0.23 -20.30	131.42 0.00 -18.17	147.51 0.89 -19.98	184.35 5.15 -22.79	196.07 10.02 -0.41	234.82 12.87 0.00	207.65 11.57 0.00	188.55 10.33 0.00	172.55 9.24 -1.21	168.28 6.63 -28.89	147.29 7.01 0.00	139.88 6.28 0.00
EAST_PULASKI___ESR 323781	163.37 -5.05 0.00	139.21 -4.45 0.00	124.13 -3.84 0.00	121.43 -3.63 0.00	120.38 -3.47 0.00	129.05 -3.99 0.00	161.88 -5.36 0.00	198.87 -5.51 0.00	175.19 -5.41 0.00	156.59 -5.51 -0.13	130.21 -5.00 -0.12	119.68 -4.85 -0.23	112.26 -4.55 -0.23	109.04 -4.42 -0.20	122.18 -4.68 -0.22	151.34 -5.32 -0.26	179.70 -5.95 0.00	215.74 -6.21 0.00	190.40 -5.69 0.00	172.70 -5.53 0.00	156.93 -5.19 -0.01	128.70 -4.38 -0.32	135.65 -4.63 0.00	129.32 -4.28 0.00
EAST_RIVER___1 323558	175.65 7.24 0.00	148.98 5.32 0.00	132.44 4.48 0.00	128.94 3.88 0.00	127.69 3.84 0.00	137.96 4.93 0.00	175.27 8.03 -0.01	213.79 9.41 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.83 7.83 -7.91	146.87 7.33 -15.25	138.61 7.11 -14.92	133.40 6.79 -13.35	148.66 7.34 -14.68	181.75 8.60 -16.75	196.52 10.58 -0.30	234.38 12.42 0.00	207.06 10.97 0.00	188.55 10.33 0.00	171.74 8.75 -0.89	161.17 7.16 -21.25	147.29 7.01 0.00	139.62 6.02 0.00
EAST_RIVER___2 323559	175.49 7.07 0.00	148.69 5.03 0.00	132.32 4.35 0.00	128.69 3.63 0.00	127.56 3.71 0.00	137.69 4.65 0.00	175.11 7.86 -0.01	213.99 9.61 0.00	190.35 9.75 0.00	179.78 9.55 -8.26	150.96 7.97 -7.91	146.99 7.46 -15.25	138.73 7.23 -14.92	133.63 7.02 -13.35	148.79 7.47 -14.68	182.06 8.91 -16.75	196.71 10.76 -0.30	234.82 12.87 0.00	207.26 11.17 0.00	188.73 10.51 0.00	171.74 8.75 -0.89	161.17 7.16 -21.25	147.15 6.87 0.00	139.47 5.87 0.00
EAST___DELAWARE_HYD 23607	175.32 6.91 0.00	148.98 5.32 0.00	132.56 4.60 0.00	129.32 4.25 0.00	128.06 4.21 0.00	138.49 5.46 0.00	175.60 8.36 -0.01	216.43 12.06 0.00	191.62 11.02 0.00	179.39 9.72 -7.70	149.75 7.29 -7.38	144.97 6.46 -14.22	136.67 6.17 -13.92	131.70 6.00 -12.45	147.17 6.83 -13.69	178.90 7.04 -15.45	195.38 9.46 -0.28	233.05 11.09 0.00	205.69 9.61 0.00	187.48 9.26 0.00	170.87 7.94 -0.82	158.73 6.37 -19.60	146.44 6.17 0.00	138.95 5.35 0.00
EIGHT_POINT___WT_PWR 323820	141.51 -10.60 16.30	121.79 -8.91 12.96	112.28 -7.29 8.40	110.17 -7.26 7.64	108.72 -7.68 7.45	109.55 -12.24 11.24	131.18 -18.73 17.33	168.87 -21.67 13.84	151.76 -20.05 8.79	125.53 -21.54 14.89	104.57 -18.24 12.27	96.93 -16.90 10.46	91.65 -15.74 9.18	89.87 -14.95 8.43	98.65 -17.35 10.64	125.42 -16.11 14.88	147.80 -17.64 20.20	183.90 -19.09 18.96	159.93 -17.06 19.10	142.89 -16.39 18.94	130.48 -15.24 16.38	109.50 -12.61 10.64	114.25 -13.33 12.70	112.24 -9.75 11.61
ELBRIDGE_115KV_TB2 80188	152.83 -6.40 9.19	130.90 -5.46 7.31	118.50 -4.73 4.73	116.26 -4.50 4.30	115.31 -4.33 4.20	121.51 -5.19 6.34	150.51 -7.02 9.70	186.44 -7.77 10.17	163.88 -7.04 9.68	146.47 -7.13 8.37	122.11 -6.08 6.89	112.67 -5.72 5.91	105.99 -5.36 5.23	103.25 -5.21 4.79	115.06 -5.57 6.00	141.24 -6.73 8.44	166.71 -7.61 11.32	203.30 -7.99 10.66	178.29 -7.06 10.74	160.62 -6.95 10.65	146.58 -6.32 9.21	121.51 -5.18 6.06	127.53 -5.61 7.13	121.71 -5.34 6.54
ELEC_TRO_TEK 24086	175.66 7.24 0.00	149.70 6.03 0.00	132.70 4.73 0.00	130.08 5.00 -0.02	128.82 4.95 -0.02	138.89 5.85 0.00	175.61 8.36 -0.01	214.60 10.22 0.00	190.54 9.93 0.00	179.30 9.07 -8.26	150.62 7.56 -7.97	177.93 7.08 -46.55	189.49 6.76 -66.15	187.51 6.57 -67.69	160.29 7.09 -26.56	181.78 8.60 -16.77	222.54 10.40 -26.51	263.93 11.32 -30.66	231.56 10.00 -25.47	237.53 9.80 -49.50	188.04 8.75 -17.18	189.16 7.17 -49.24	147.45 7.15 -0.02	140.16 6.55 -0.02
ELLENBURG_WT_PWR 323604	170.27 1.86 0.00	145.95 2.29 0.00	130.27 2.31 0.00	127.69 2.63 0.00	126.45 2.60 0.00	135.83 2.80 0.00	170.58 3.34 0.00	208.25 3.87 0.00	183.67 3.07 0.00	164.23 2.27 0.00	136.98 1.89 0.00	126.27 1.98 0.00	118.44 1.86 0.00	115.17 1.92 0.00	128.79 2.15 0.00	159.22 2.82 0.00	188.60 2.96 0.00	225.72 3.77 0.00	199.03 2.95 0.00	180.37 2.15 0.00	163.89 1.79 0.00	133.94 1.19 0.00	141.68 1.40 0.00	135.07 1.47 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	135.11 -17.68 15.62	116.45 -14.80 12.42	107.63 -12.28 8.05	105.87 -11.88 7.31	104.94 -11.77 7.14	105.23 -17.03 10.77	123.83 -26.93 16.48	153.96 -31.68 18.74	135.02 -27.27 18.32	122.43 -25.27 14.27	103.73 -19.59 11.77	95.76 -18.40 10.13	90.72 -16.90 8.95	88.28 -16.76 8.21	96.96 -19.38 10.30	117.74 -24.24 14.42	137.45 -28.96 19.23	171.85 -31.96 18.14	149.38 -28.43 18.27	133.55 -26.56 18.12	122.44 -23.99 15.68	103.34 -18.98 10.42	109.06 -19.08 12.14	106.71 -15.76 11.12
EMPIRE_CC_1 323656	175.82 7.40 0.00	149.69 6.03 0.00	133.09 5.12 0.00	129.93 4.87 0.00	128.67 4.83 0.00	138.62 5.59 0.00	174.95 7.70 -0.02	212.76 8.38 0.00	188.36 7.76 0.00	178.98 7.45 -9.56	150.59 6.35 -9.15	147.78 5.84 -17.64	139.33 5.48 -17.27	133.91 5.21 -15.45	149.46 5.83 -16.99	182.99 7.20 -19.38	194.35 8.36 -0.35	231.71 9.75 0.00	204.92 8.83 0.00	186.42 8.20 0.00	170.60 7.46 -1.03	163.46 6.11 -24.59	146.73 6.46 0.00	139.75 6.15 0.00
EMPIRE_CC_2 323658	175.82 7.40 0.00	149.69 6.03 0.00	133.09 5.12 0.00	129.93 4.87 0.00	128.67 4.83 0.00	138.62 5.59 0.00	174.95 7.70 -0.02	212.76 8.38 0.00	188.36 7.76 0.00	178.98 7.45 -9.56	150.59 6.35 -9.15	147.78 5.84 -17.64	139.33 5.48 -17.27	133.91 5.21 -15.45	149.46 5.83 -16.99	182.99 7.20 -19.38	194.35 8.36 -0.35	231.71 9.75 0.00	204.92 8.83 0.00	186.42 8.20 0.00	170.60 7.46 -1.03	163.46 6.11 -24.59	146.73 6.46 0.00	139.75 6.15 0.00
ENORWICH_115KV_TB1 80156	163.16 8.25 13.51	139.82 6.90 10.74	127.53 6.53 6.96	125.24 6.50 6.33	124.48 6.81 6.18	130.90 7.18 9.32	161.21 8.36 14.39	201.60 12.06 14.84	176.45 9.57 13.72	156.52 5.83 11.28	128.92 2.97 9.14	119.12 1.49 6.67	111.67 0.82 5.72	108.75 0.79 5.29	122.03 2.28 6.89	151.96 5.79 10.24	178.35 9.47 16.75	220.72 14.43 15.66	192.28 11.96 15.77	173.45 10.87 15.64	157.95 9.24 13.40	133.53 6.77 6.00	135.56 5.75 10.47	129.72 5.74 9.62
ERIE_ST__34_KV_TB1-2 80199	137.23 -15.49 15.69	118.11 -13.07 12.48	109.00 -10.88 8.08	107.21 -10.51 7.35	106.27 -10.40 7.17	106.91 -15.30 10.82	127.93 -22.74 16.57	161.41 -24.32 18.64	141.55 -20.95 18.11	127.39 -20.25 14.33	106.12 -17.16 11.82	97.48 -16.66 10.16	91.86 -15.74 8.98	89.50 -15.52 8.23	99.09 -17.22 10.33	122.39 -19.55 14.47	143.48 -22.83 19.33	177.09 -26.63 18.23	154.00 -23.73 18.36	138.81 -21.21 18.21	126.58 -19.78 15.75	106.25 -16.06 10.44	110.96 -17.11 12.20	108.13 -14.30 11.17
ERIE_WT_PWR 323693	136.25 -16.50 15.66	117.41 -13.79 12.45	108.50 -11.39 8.07	106.72 -11.01 7.34	105.79 -10.90 7.16	106.13 -16.10 10.80	125.44 -25.26 16.54	158.29 -27.38 18.71	137.26 -25.10 18.25	124.17 -23.49 14.31	104.64 -18.64 11.80	96.62 -17.52 10.15	91.29 -16.32 8.97	88.94 -16.08 8.22	97.96 -18.36 10.32	119.27 -22.68 14.45	140.55 -25.80 19.30	174.02 -29.74 18.20	150.90 -26.86 18.33	135.45 -24.60 18.18	123.85 -22.53 15.72	104.52 -17.79 10.45	110.00 -18.10 12.18	107.75 -14.70 11.15
ESPRGFLD_115KV_TB1 80157	167.34 2.02 3.10	142.64 1.44 2.46	127.14 0.77 1.59	124.61 1.00 1.45	123.55 1.11 1.42	133.03 2.13 2.14	167.19 3.18 3.22	205.63 4.70 3.45	180.40 3.07 3.27	161.43 1.94 2.48	133.76 0.68 2.00	123.06 0.12 1.36	115.20 -0.23 1.14	111.96 -0.23 1.06	125.60 0.38 1.42	156.60 2.35 2.15	185.91 4.08 3.81	223.69 5.33 3.59	196.98 4.51 3.62	178.91 4.28 3.59	162.44 3.40 3.07	133.98 2.39 1.16	140.12 2.24 2.40	133.13 1.74 2.20
ETNA_115_KV_TB1_REV_LBMP_C 345029	149.16 -3.37 15.88	128.02 -3.02 12.63	117.48 -2.30 8.18	115.50 -2.13 7.44	114.61 -1.98 7.26	119.15 -2.93 10.96	145.72 -4.52 17.00	183.29 -3.68 17.41	160.64 -3.97 15.99	142.00 -5.51 14.46	117.81 -5.40 11.88	108.98 -5.34 9.96	102.50 -5.25 8.83	100.16 -4.98 8.11	111.43 -5.07 10.15	137.16 -4.85 14.39	161.35 -4.46 19.83	200.46 -3.11 18.38	174.83 -2.75 18.52	156.47 -3.39 18.36	143.01 -3.24 15.85	119.91 -2.92 9.92	124.49 -3.51 12.28	118.95 -3.34 11.31
ETNA____115KV_TB2 80207	149.16 -3.37 15.88	128.02 -3.02 12.63	117.48 -2.30 8.18	115.50 -2.13 7.44	114.61 -1.98 7.26	119.15 -2.93 10.96	145.72 -4.52 17.00	183.29 -3.68 17.41	160.64 -3.97 15.99	142.00 -5.51 14.46	117.81 -5.40 11.88	108.98 -5.34 9.96	102.50 -5.25 8.83	100.16 -4.98 8.11	111.43 -5.07 10.15	137.16 -4.85 14.39	161.35 -4.46 19.83	200.46 -3.11 18.38	174.83 -2.75 18.52	156.47 -3.39 18.36	143.01 -3.24 15.85	119.91 -2.92 9.92	124.49 -3.51 12.28	118.95 -3.34 11.31
EUCLID__115KV_TB2 356179	149.40 -6.57 12.45	128.16 -5.60 9.90	116.69 -4.86 6.41	114.61 -4.63 5.83	113.58 -4.58 5.69	119.13 -5.32 8.58	147.01 -7.19 13.03	182.56 -8.18 13.64	160.37 -7.22 13.01	143.48 -7.13 11.36	119.90 -5.81 9.38	110.66 -5.47 8.16	104.21 -5.13 7.24	101.75 -4.87 6.63	112.91 -5.45 8.28	138.10 -6.73 11.58	162.63 -7.80 15.21	199.07 -8.43 14.45	174.09 -7.45 14.55	156.49 -7.31 14.43	143.13 -6.48 12.49	118.91 -5.31 8.53	125.00 -5.61 9.67	119.39 -5.34 8.86
E_CANADA_CAP_HY 24051	169.46 3.19 2.15	144.24 2.29 1.71	128.27 1.41 1.11	125.68 1.62 1.01	124.60 1.73 0.98	134.61 3.06 1.48	169.05 4.01 2.20	207.51 5.52 2.39	181.22 2.88 2.27	173.10 1.45 -9.68	144.75 0.14 -9.53	143.90 -0.50 -20.11	135.45 -0.94 -19.81	130.04 -0.91 -17.70	145.80 -0.13 -19.29	180.53 2.49 -21.63	187.69 4.27 2.22	225.22 5.76 2.49	198.67 5.09 2.51	180.36 4.63 2.49	165.09 3.88 0.90	163.78 2.52 -28.51	141.56 2.95 1.67	134.48 2.41 1.53
E_CANADA_MHWK_HY 24050	181.38 12.97 0.00	155.01 11.35 0.00	138.32 10.36 0.00	135.32 10.26 0.00	134.12 10.27 0.00	143.94 10.91 0.00	180.29 13.05 0.00	220.33 15.95 0.00	194.51 13.91 0.00	174.93 12.96 0.00	145.63 10.54 0.00	133.99 9.70 0.00	125.68 9.10 0.00	121.97 8.72 0.00	136.26 9.62 0.00	168.28 11.88 0.00	199.18 13.54 0.00	237.94 15.99 0.00	210.21 14.13 0.00	191.22 13.00 0.00	173.93 11.83 0.00	142.58 9.82 0.00	151.23 10.95 0.00	144.29 10.69 0.00
E_FISHKILL__LBMP 23776	174.48 6.06 0.00	148.26 4.60 0.00	131.93 3.97 0.00	128.56 3.50 0.00	127.32 3.47 0.00	137.42 4.39 0.00	174.10 6.86 -0.01	212.55 8.18 0.00	188.19 7.59 0.00	177.99 7.61 -8.41	149.49 6.35 -8.06	145.79 5.97 -15.53	137.49 5.71 -15.20	132.29 5.44 -13.60	147.55 5.95 -14.95	180.50 7.04 -17.06	194.67 8.73 -0.31	231.50 9.54 0.00	204.52 8.43 0.00	186.60 8.38 0.00	170.31 7.29 -0.91	160.37 5.97 -21.64	146.17 5.89 0.00	138.94 5.34 0.00
FALCON__SEABRD_CC1 323796	172.45 4.04 0.00	147.83 4.17 0.00	132.06 4.09 0.00	129.44 4.37 0.00	128.18 4.33 0.00	137.81 4.78 0.00	173.09 5.85 0.00	211.33 6.95 0.00	186.38 5.78 0.00	166.50 4.53 0.00	138.74 3.65 0.00	127.90 3.61 0.00	119.96 3.38 0.00	116.64 3.39 0.00	130.57 3.93 0.00	161.41 5.00 0.00	191.20 5.56 0.00	229.27 7.31 0.00	201.97 5.88 0.00	183.04 4.81 0.00	166.31 4.21 0.00	135.93 3.18 0.00	143.64 3.36 0.00	136.94 3.34 0.00
FALCON__SEABRD_CC2 323797	172.45 4.04 0.00	147.83 4.17 0.00	132.06 4.09 0.00	129.44 4.37 0.00	128.18 4.33 0.00	137.81 4.78 0.00	173.09 5.85 0.00	211.33 6.95 0.00	186.38 5.78 0.00	166.50 4.53 0.00	138.74 3.65 0.00	127.90 3.61 0.00	119.96 3.38 0.00	116.64 3.39 0.00	130.57 3.93 0.00	161.41 5.00 0.00	191.20 5.56 0.00	229.27 7.31 0.00	201.97 5.88 0.00	183.04 4.81 0.00	166.31 4.21 0.00	135.93 3.18 0.00	143.64 3.36 0.00	136.94 3.34 0.00

FAR ROCKAWAY___4 23548	178.18 9.77 0.00	151.99 8.33 0.00	134.75 6.78 0.00	132.08 7.00 -0.02	130.80 6.94 -0.02	141.01 7.98 0.00	178.11 10.87 -0.01	217.46 13.08 0.00	193.25 12.64 0.00	181.56 11.34 -8.26	152.78 9.73 -7.97	178.93 9.07 -45.57	189.86 8.74 -64.54	187.62 8.38 -65.98	161.94 9.12 -26.18	184.28 11.10 -16.77	224.20 13.37 -25.19	265.94 14.87 -29.12	233.62 13.33 -24.19	237.90 12.65 -47.02	189.72 11.35 -16.27	189.73 9.29 -47.68	149.83 9.54 -0.02	142.43 8.82 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	175.66 7.24 0.00	149.12 5.46 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.44 8.19 -0.01	214.80 10.42 0.00	190.36 9.75 0.00	179.62 9.39 -8.26	150.83 7.84 -7.91	146.87 7.33 -15.25	138.61 7.11 -14.92	133.40 6.80 -13.35	148.66 7.35 -14.68	181.91 8.76 -16.75	197.08 11.14 -0.30	234.61 12.65 0.00	207.07 10.98 0.00	188.56 10.34 0.00	171.75 8.75 -0.89	161.17 7.17 -21.24	147.29 7.01 0.00	139.74 6.15 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	175.82 7.41 0.00	149.12 5.46 0.00	132.57 4.61 0.00	129.06 4.00 0.00	127.81 3.96 0.00	138.09 5.06 0.00	175.44 8.19 -0.01	214.80 10.42 0.00	190.36 9.75 0.00	179.62 9.39 -8.26	150.83 7.84 -7.91	146.87 7.33 -15.25	138.61 7.11 -14.92	133.51 6.91 -13.35	148.66 7.35 -14.68	181.91 8.76 -16.75	197.08 11.14 -0.30	234.61 12.65 0.00	207.07 10.98 0.00	188.74 10.52 0.00	171.91 8.92 -0.89	161.30 7.30 -21.24	147.43 7.15 0.00	139.88 6.28 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	175.66 7.24 0.00	148.98 5.32 0.00	132.44 4.48 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.60 10.22 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.70 7.70 -7.91	146.87 7.33 -15.25	138.49 6.99 -14.92	133.40 6.80 -13.35	148.54 7.22 -14.68	181.76 8.60 -16.75	196.90 10.95 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.75 8.75 -0.89	161.17 7.17 -21.24	147.29 7.01 0.00	139.74 6.15 0.00
FARRAGUT___LBMP 323566	175.49 7.07 0.00	148.83 5.17 0.00	132.44 4.48 0.00	128.81 3.75 0.00	127.69 3.84 0.00	137.82 4.79 0.00	175.10 7.86 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.75 7.21 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.54 7.22 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	234.16 12.21 0.00	206.87 10.78 0.00	188.38 10.16 0.00	171.59 8.59 -0.89	161.03 7.04 -21.24	147.15 6.87 0.00	139.61 6.01 0.00
FENNER___WINDPWR 24204	153.85 -2.01 12.55	131.97 -1.72 9.98	120.10 -1.40 6.46	117.94 -1.25 5.88	117.00 -1.12 5.74	123.05 -1.33 8.65	159.38 1.01 8.86	196.94 1.84 9.28	173.20 1.44 8.84	154.79 0.65 7.83	128.75 0.14 6.48	118.31 -0.25 5.73	111.24 -0.23 5.10	108.35 -0.23 4.67	120.83 0.00 5.81	148.79 0.47 8.08	176.04 0.75 10.35	205.62 -1.78 14.55	179.66 -1.77 14.66	161.73 -1.96 14.54	147.60 -1.94 12.57	122.67 -1.73 8.35	128.44 -2.10 9.73	122.66 -2.00 8.93
FIBERTEK___ENERGY 23856	154.24 -5.05 9.12	131.96 -4.45 7.25	119.43 -3.84 4.70	117.16 -3.63 4.27	116.21 -3.47 4.17	122.62 -4.12 6.29	152.09 -5.52 9.63	188.36 -5.93 10.09	165.58 -5.42 9.61	147.98 -5.67 8.31	123.24 -5.00 6.85	113.69 -4.72 5.88	106.94 -4.43 5.20	104.29 -4.19 4.77	116.10 -4.56 5.98	142.69 -5.32 8.40	168.47 -5.94 11.23	205.38 -5.99 10.58	180.14 -5.29 10.66	162.31 -5.35 10.57	148.10 -4.86 9.14	122.59 -4.12 6.04	128.71 -4.49 7.08	122.70 -4.41 6.49
FITZPATRICK___ 23598	157.89 -8.42 2.11	134.80 -7.18 1.68	120.61 -6.27 1.09	117.95 -6.13 0.99	116.94 -5.94 0.96	124.80 -6.78 1.46	156.14 -8.87 2.23	191.83 -10.21 2.33	168.98 -9.40 2.22	151.25 -8.75 1.97	126.29 -7.16 1.63	116.14 -6.71 1.44	109.00 -6.30 1.28	106.07 -6.01 1.18	118.46 -6.72 1.46	146.08 -8.29 2.03	173.58 -9.46 2.60	208.41 -11.09 2.45	183.82 -9.80 2.47	166.69 -9.08 2.45	151.72 -8.26 2.12	124.47 -6.77 1.51	131.49 -7.15 1.64	125.42 -6.68 1.50
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	176.67 8.25 0.00	150.13 6.46 0.00	133.59 5.63 0.00	130.19 5.13 0.00	128.93 5.08 0.00	139.15 6.12 0.00	176.61 9.37 -0.01	215.42 11.04 0.00	190.54 9.93 0.00	179.66 9.39 -8.30	150.46 7.43 -7.95	146.57 6.96 -15.32	138.21 6.64 -14.99	133.12 6.46 -13.42	148.61 7.22 -14.75	181.98 8.76 -16.82	197.08 11.14 -0.30	234.61 12.65 0.00	207.07 10.98 0.00	188.74 10.52 0.00	172.24 9.24 -0.89	161.52 7.43 -21.34	147.71 7.43 0.00	140.15 6.55 0.00
FORT ORANGE___ 23900	174.81 6.40 0.00	148.83 5.16 0.00	132.32 4.35 0.00	129.32 4.25 0.00	128.06 4.21 0.00	137.96 4.93 0.00	173.79 6.52 -0.04	210.72 6.34 0.00	186.21 5.60 0.00	176.97 5.18 -9.82	149.09 4.60 -9.40	146.52 4.10 -18.13	138.16 3.84 -17.74	132.86 3.73 -15.88	148.40 4.31 -17.46	181.79 5.47 -19.92	192.49 6.49 -0.36	229.51 7.55 0.00	202.95 6.86 0.00	184.82 6.60 0.00	168.99 5.83 -1.06	162.77 4.77 -25.24	145.90 5.62 0.00	139.75 6.15 0.00
FORT_DRUM_COGEN 23780	171.28 2.86 0.00	145.96 2.30 0.00	130.14 2.18 0.00	127.44 2.38 0.00	126.33 2.48 0.00	136.23 3.19 0.00	171.08 3.85 0.00	210.31 5.93 0.00	185.12 4.52 0.00	164.23 2.27 0.00	135.09 0.00 0.00	123.92 -0.37 0.00	115.88 -0.70 0.00	112.46 -0.79 0.00	126.39 -0.25 0.00	157.97 1.56 0.00	188.61 2.97 0.00	227.06 5.10 0.00	199.62 3.53 0.00	181.79 3.56 0.00	164.54 2.43 0.00	134.08 1.33 0.00	141.68 1.40 0.00	134.93 1.34 0.00
FOX_HILLS___ESR 323835	177.17 8.76 0.00	150.27 6.61 0.00	133.72 5.76 0.00	129.94 4.88 0.00	128.80 4.95 0.00	138.75 5.72 0.00	175.94 8.70 -0.01	214.60 10.22 0.00	189.27 8.67 0.00	178.97 8.75 -8.26	149.75 6.75 -7.91	145.88 6.34 -15.25	137.68 6.18 -14.92	132.49 5.89 -13.35	147.65 6.33 -14.68	180.66 7.51 -16.75	195.97 10.02 -0.30	233.50 11.54 0.00	206.09 10.00 0.00	187.85 9.62 0.00	170.78 7.78 -0.89	161.03 7.04 -21.25	147.57 7.29 0.00	140.41 6.81 0.00
FPL_FAR_ROCK_GT1 24212	178.18 9.76 0.00	151.99 8.33 0.00	134.74 6.78 0.00	132.08 7.00 -0.02	130.79 6.93 -0.02	141.01 7.98 0.00	178.11 10.86 -0.01	216.85 12.47 0.00	193.24 12.64 0.00	181.56 11.33 -8.26	152.79 9.73 -7.97	178.93 9.07 -45.57	189.87 8.75 -64.54	187.61 8.38 -65.98	161.94 9.12 -26.18	184.28 11.11 -16.77	223.82 12.99 -25.19	265.95 14.87 -29.12	233.62 13.34 -24.19	237.90 12.66 -47.02	189.72 11.34 -16.27	189.73 9.29 -47.69	149.84 9.54 -0.02	142.29 8.68 -0.02
FPL_FAR_ROCK_GT2 23815	178.18 9.76 0.00	151.99 8.33 0.00	134.74 6.78 0.00	132.08 7.00 -0.02	130.79 6.93 -0.02	141.01 7.98 0.00	178.11 10.86 -0.01	216.85 12.47 0.00	193.24 12.64 0.00	181.56 11.33 -8.26	152.79 9.73 -7.97	178.93 9.07 -45.57	189.87 8.75 -64.54	187.61 8.38 -65.98	161.94 9.12 -26.18	184.28 11.11 -16.77	223.82 12.99 -25.19	265.95 14.87 -29.12	233.62 13.34 -24.19	237.90 12.66 -47.02	189.72 11.34 -16.27	189.73 9.29 -47.69	149.84 9.54 -0.02	142.29 8.68 -0.02
FRANKLIN_FALL_HYD 24054	172.79 4.38 0.00	148.11 4.45 0.00	132.31 4.35 0.00	129.81 4.75 0.00	128.55 4.71 0.00	138.09 5.06 0.00	173.42 6.19 0.00	211.94 7.56 0.00	186.93 6.32 0.00	166.83 4.86 0.00	138.73 3.65 0.00	127.90 3.60 0.00	119.84 3.26 0.00	116.42 3.17 0.00	130.19 3.55 0.00	161.10 4.69 0.00	191.02 5.38 0.00	229.50 7.55 0.00	202.17 6.08 0.00	183.03 4.81 0.00	166.32 4.21 0.00	135.81 3.05 0.00	143.50 3.23 0.00	136.94 3.34 0.00

FREEPORT_EQUS_GT1 23764	176.83 8.42 0.00	150.70 7.04 0.00	133.73 5.76 0.00	131.08 6.00 -0.01	129.93 6.07 -0.01	139.95 6.91 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	191.26 10.65 0.00	179.78 9.55 -8.26	151.29 8.24 -7.96	171.32 7.71 -39.32	178.36 7.47 -54.31	175.64 7.25 -55.13	158.18 7.73 -23.81	182.08 8.91 -16.77	216.05 10.39 -20.02	257.00 11.98 -23.07	226.04 10.78 -19.17	225.81 10.33 -37.26	184.78 9.24 -13.43	183.53 7.96 -42.82	148.99 8.70 -0.01	141.49 7.88 -0.01
FREEPORT___CT2 23818	176.83 8.42 0.00	150.70 7.04 0.00	133.73 5.76 0.00	131.08 6.00 -0.01	129.93 6.07 -0.01	139.95 6.91 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	191.26 10.65 0.00	179.78 9.55 -8.26	151.29 8.24 -7.96	171.32 7.71 -39.32	178.36 7.47 -54.31	175.64 7.25 -55.13	158.18 7.73 -23.81	182.08 8.91 -16.77	216.05 10.39 -20.02	257.00 11.98 -23.07	226.04 10.78 -19.17	225.81 10.33 -37.26	184.78 9.24 -13.43	183.53 7.96 -42.82	148.99 8.70 -0.01	141.49 7.88 -0.01
FRESHKLS_33_KV_LOAD 356253	177.34 8.93 0.00	150.41 6.75 0.00	133.98 6.01 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.11 8.86 -0.01	214.60 10.22 0.00	189.27 8.67 0.00	178.81 8.58 -8.26	149.61 6.62 -7.91	145.63 6.09 -15.25	137.44 5.95 -14.92	132.38 5.78 -13.35	147.53 6.21 -14.68	180.51 7.35 -16.75	195.97 10.02 -0.30	233.50 11.54 0.00	206.28 10.20 0.00	188.02 9.80 0.00	170.78 7.78 -0.89	161.03 7.04 -21.25	147.71 7.43 0.00	140.55 6.95 0.00
FULTON COGEN____ 23766	164.42 -6.90 -2.92	140.09 -5.89 -2.32	124.35 -5.12 -1.50	121.42 -5.00 -1.37	120.35 -4.83 -1.33	129.59 -5.45 -2.01	163.05 -7.19 -3.00	199.55 -7.97 -3.14	176.38 -7.22 -3.00	157.63 -7.13 -2.79	131.47 -5.94 -2.33	120.90 -5.59 -2.20	113.31 -5.25 -1.98	110.08 -4.98 -1.81	123.41 -5.45 -2.22	152.86 -6.57 -3.02	181.54 -7.61 -3.51	217.13 -8.21 -3.38	192.24 -7.26 -3.41	174.47 -7.13 -3.38	158.57 -6.48 -2.94	129.89 -5.31 -2.45	136.93 -5.61 -2.26	130.06 -5.61 -2.08
FULTON___LFGE 323630	176.33 7.92 0.00	149.98 6.31 0.00	132.83 4.86 0.00	130.19 5.13 0.00	128.93 5.08 0.00	139.55 6.52 0.00	176.01 8.69 -0.08	215.61 11.23 0.00	188.36 7.76 0.00	178.29 5.18 -11.14	148.72 2.97 -10.67	146.97 2.11 -20.56	138.33 1.63 -20.12	133.06 1.81 -18.01	149.61 3.17 -19.80	185.41 6.42 -22.59	195.51 9.46 -0.41	233.71 11.76 0.00	206.67 10.58 0.00	187.84 9.62 0.00	171.73 8.42 -1.20	167.76 6.37 -28.63	146.87 6.59 0.00	139.47 5.87 0.00
G.F.CEMENT___DRP 24184	181.72 13.30 0.00	154.72 11.06 0.00	137.18 9.21 0.00	134.32 9.25 0.00	133.01 9.16 0.00	143.54 10.51 0.00	181.04 13.71 -0.09	222.16 17.78 0.00	196.14 15.53 0.00	185.61 13.44 -10.20	155.66 10.81 -9.77	152.57 9.45 -18.83	143.52 8.51 -18.43	137.78 8.04 -16.49	154.15 9.37 -18.13	189.14 12.04 -20.69	201.05 15.04 -0.37	240.15 18.20 0.00	212.36 16.28 0.00	192.84 14.61 0.00	176.82 13.62 -1.10	169.62 10.62 -26.25	151.50 11.22 0.00	144.15 10.55 0.00
GARDENVILLE___LBMP 24039	135.75 -17.01 15.66	116.85 -14.37 12.45	108.00 -11.90 8.07	106.22 -11.51 7.33	105.30 -11.39 7.16	105.60 -16.63 10.80	124.62 -26.09 16.53	155.05 -30.45 18.87	135.86 -26.19 18.56	123.20 -24.46 14.31	104.11 -19.18 11.80	96.12 -18.02 10.15	90.94 -16.67 8.97	88.49 -16.53 8.23	97.45 -18.87 10.32	118.50 -23.46 14.45	138.51 -27.85 19.29	172.91 -30.85 18.19	150.12 -27.65 18.32	134.57 -25.49 18.17	123.21 -23.18 15.72	103.86 -18.45 10.43	109.31 -18.80 12.18	106.95 -15.50 11.15
GARDNVLA_35_KV_LD 355827	136.75 -16.00 15.67	117.70 -13.50 12.46	108.76 -11.13 8.07	106.97 -10.76 7.34	106.04 -10.65 7.16	106.53 -15.70 10.81	125.78 -24.92 16.54	157.09 -28.61 18.68	137.85 -24.56 18.19	124.66 -23.00 14.31	105.18 -18.10 11.80	96.99 -17.15 10.15	91.75 -15.85 8.97	89.40 -15.63 8.22	98.34 -17.98 10.32	119.74 -22.21 14.45	139.98 -26.36 19.30	174.46 -29.30 18.20	151.48 -26.28 18.33	135.98 -24.06 18.18	124.34 -22.05 15.72	104.93 -17.39 10.44	110.28 -17.82 12.18	107.75 -14.70 11.16
GELCKHM___115KV_LOAD 80723	151.58 -5.89 10.93	129.94 -5.03 8.69	117.98 -4.35 5.63	115.69 -4.25 5.12	114.76 -4.09 5.00	120.70 -4.79 7.54	149.22 -6.52 11.49	185.20 -7.15 12.03	162.64 -6.50 11.47	145.50 -6.48 9.99	121.44 -5.40 8.24	112.06 -5.10 7.14	105.47 -4.78 6.32	102.81 -4.64 5.80	114.33 -5.07 7.25	140.16 -6.10 10.15	165.17 -7.05 13.41	201.72 -7.55 12.69	176.64 -6.67 12.78	159.13 -6.42 12.68	145.30 -5.84 10.97	120.56 -4.78 7.42	126.74 -5.05 8.49	120.87 -4.94 7.79
GENERAL___MILLS 23808	136.24 -16.50 15.66	117.27 -13.94 12.45	108.38 -11.52 8.07	106.60 -11.13 7.34	105.66 -11.02 7.16	106.13 -16.10 10.80	125.28 -25.42 16.54	156.44 -29.23 18.71	137.07 -25.28 18.25	124.01 -23.65 14.31	104.65 -18.64 11.80	96.61 -17.53 10.15	91.29 -16.32 8.97	88.94 -16.08 8.22	97.96 -18.36 10.32	119.28 -22.68 14.45	139.43 -26.92 19.29	173.57 -30.19 18.20	150.89 -26.86 18.33	135.45 -24.59 18.18	123.85 -22.53 15.72	104.53 -17.79 10.44	109.86 -18.24 12.18	107.35 -15.10 11.15
GE_PLASTICS___DRP 24183	173.97 5.56 0.00	148.11 4.45 0.00	131.80 3.84 0.00	128.69 3.63 0.00	127.44 3.59 0.00	137.16 4.12 0.00	172.95 5.69 -0.03	210.31 5.93 0.00	185.66 5.06 0.00	176.63 4.86 -9.81	148.93 4.46 -9.39	146.37 3.98 -18.10	138.02 3.73 -17.72	132.73 3.62 -15.85	148.25 4.18 -17.43	181.30 5.00 -19.89	191.94 5.94 -0.36	228.61 6.66 0.00	201.97 5.88 0.00	183.92 5.70 0.00	168.35 5.19 -1.06	162.36 4.38 -25.22	145.19 4.91 0.00	138.27 4.68 0.00
GILBOA___1 23756	172.79 4.37 0.00	147.10 3.44 0.00	130.91 2.95 0.00	127.69 2.63 0.00	126.57 2.72 0.00	136.22 3.19 0.00	171.76 4.52 -0.01	209.28 4.90 0.00	185.29 4.69 0.00	174.92 4.85 -8.10	146.90 4.05 -7.76	143.11 3.86 -14.96	134.84 3.62 -14.64	129.87 3.51 -13.10	144.84 3.80 -14.41	177.53 4.69 -16.44	190.58 4.64 -0.30	227.27 5.32 0.00	200.79 4.70 0.00	182.85 4.63 0.00	167.51 4.53 -0.87	157.58 3.98 -20.85	144.35 4.07 0.00	137.33 3.74 0.00
GILBOA___2 23757	172.79 4.37 0.00	147.10 3.44 0.00	130.91 2.95 0.00	127.69 2.63 0.00	126.57 2.72 0.00	136.22 3.19 0.00	171.76 4.52 -0.01	209.28 4.90 0.00	185.29 4.69 0.00	174.92 4.85 -8.10	146.90 4.05 -7.76	143.11 3.86 -14.96	134.84 3.62 -14.64	129.87 3.51 -13.10	144.84 3.80 -14.41	177.53 4.69 -16.44	190.58 4.64 -0.30	227.27 5.32 0.00	200.79 4.70 0.00	182.85 4.63 0.00	167.51 4.53 -0.87	157.58 3.98 -20.85	144.35 4.07 0.00	137.33 3.74 0.00
GILBOA___3 23758	172.79 4.37 0.00	147.10 3.44 0.00	130.91 2.95 0.00	127.69 2.63 0.00	126.57 2.72 0.00	136.22 3.19 0.00	171.76 4.52 -0.01	209.28 4.90 0.00	185.29 4.69 0.00	174.92 4.85 -8.10	146.90 4.05 -7.76	143.11 3.86 -14.96	134.84 3.62 -14.64	129.87 3.51 -13.10	144.84 3.80 -14.41	177.53 4.69 -16.44	190.58 4.64 -0.30	227.27 5.32 0.00	200.79 4.70 0.00	182.85 4.63 0.00	167.51 4.53 -0.87	157.58 3.98 -20.85	144.35 4.07 0.00	137.33 3.74 0.00
GILBOA___4 23759	172.79 4.37 0.00	147.10 3.44 0.00	130.91 2.95 0.00	127.69 2.63 0.00	126.57 2.72 0.00	136.22 3.19 0.00	171.76 4.52 -0.01	209.28 4.90 0.00	185.29 4.69 0.00	174.92 4.85 -8.10	146.90 4.05 -7.76	143.11 3.86 -14.96	134.84 3.62 -14.64	129.87 3.51 -13.10	144.84 3.80 -14.41	177.53 4.69 -16.44	190.58 4.64 -0.30	227.27 5.32 0.00	200.79 4.70 0.00	182.85 4.63 0.00	167.51 4.53 -0.87	157.58 3.98 -20.85	144.35 4.07 0.00	137.33 3.74 0.00

GILBOA____ 23599	172.79 4.38 0.00	147.11 3.45 0.00	130.91 2.94 0.00	127.69 2.63 0.00	126.57 2.72 0.00	136.23 3.19 0.00	171.76 4.52 -0.01	209.49 5.11 0.00	185.30 4.70 0.00	174.93 4.86 -8.10	146.90 4.05 -7.76	143.11 3.85 -14.96	134.83 3.61 -14.64	129.86 3.51 -13.10	144.84 3.80 -14.41	177.53 4.69 -16.44	190.76 4.83 -0.30	227.28 5.33 0.00	200.79 4.71 0.00	183.03 4.81 0.00	167.52 4.54 -0.87	157.58 3.98 -20.85	144.35 4.07 0.00	137.34 3.74 0.00
GINNA____ 23603	136.78 -17.18 14.46	117.94 -14.23 11.49	108.11 -12.41 7.45	106.53 -11.76 6.77	105.47 -11.77 6.61	108.69 -14.37 9.97	130.94 -21.08 15.22	165.50 -22.89 15.99	143.52 -21.68 15.41	128.63 -20.09 13.25	108.62 -15.53 10.93	100.51 -14.29 9.49	95.00 -13.17 8.41	92.52 -13.02 7.71	102.06 -14.94 9.64	123.69 -19.24 13.47	147.09 -20.79 17.76	180.98 -24.19 16.78	157.02 -22.16 16.91	140.42 -21.03 16.77	128.96 -18.64 14.51	107.89 -15.00 9.86	113.89 -15.15 11.23	109.68 -13.63 10.29
GLEN PARK____ 23778	171.96 3.54 0.00	146.38 2.72 0.00	130.52 2.56 0.00	127.81 2.75 0.00	126.82 2.97 0.00	136.75 3.72 0.00	171.91 4.68 0.00	211.53 7.15 0.00	185.85 5.24 0.00	164.72 2.75 0.00	135.49 0.41 0.00	124.17 -0.12 0.00	116.11 -0.46 0.00	112.69 -0.56 0.00	126.77 0.13 0.00	158.59 2.19 0.00	189.72 4.08 0.00	228.40 6.44 0.00	200.99 4.90 0.00	182.85 4.63 0.00	165.67 3.56 0.00	134.87 2.12 0.00	142.39 2.11 0.00	135.61 2.01 0.00
GLENDAL_27_KV_LOAD 356172	177.17 8.76 0.00	150.27 6.61 0.00	133.59 5.63 0.00	129.94 4.88 0.00	128.80 4.95 0.00	139.02 5.99 0.00	176.78 9.53 -0.01	216.03 11.65 0.00	191.08 10.48 0.00	180.43 10.20 -8.26	151.10 8.11 -7.91	147.12 7.58 -15.25	138.84 7.34 -14.92	133.74 7.13 -13.35	148.92 7.60 -14.68	182.07 8.92 -16.75	197.45 11.51 -0.30	235.05 13.10 0.00	207.46 11.37 0.00	189.09 10.87 0.00	172.07 9.08 -0.89	161.70 7.70 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
GLENWOOD_IC_1_G5 23712	176.33 7.92 0.00	149.98 6.32 0.00	133.21 5.25 0.00	130.21 5.13 -0.02	129.07 5.20 -0.02	139.15 6.12 0.00	176.27 9.03 -0.01	215.62 11.24 0.00	191.26 10.66 0.00	180.11 9.88 -8.26	151.43 8.38 -7.97	177.57 7.83 -45.45	188.50 7.58 -64.35	186.39 7.36 -65.78	160.63 7.85 -26.14	182.56 9.38 -16.77	223.04 11.70 -25.70	264.77 13.10 -29.72	232.35 11.57 -24.69	237.26 11.05 -47.98	188.56 9.73 -16.72	189.18 7.97 -48.46	148.15 7.86 -0.02	140.70 7.08 -0.02
GLENWOOD_IC_2_G1 23688	175.65 7.24 0.00	149.26 5.60 0.00	132.70 4.74 0.00	129.56 4.50 0.00	128.30 4.45 0.00	138.49 5.46 0.00	175.44 8.19 -0.01	213.79 9.41 0.00	190.17 9.57 0.00	179.29 9.06 -8.26	150.56 7.56 -7.91	148.02 7.21 -16.52	140.45 6.88 -17.00	135.49 6.68 -15.56	149.02 7.21 -15.17	181.76 8.60 -16.75	197.22 10.20 -1.38	234.96 11.76 -1.25	207.52 10.39 -1.04	190.22 9.97 -2.03	172.41 8.75 -1.56	162.32 7.16 -22.40	147.43 7.15 0.00	139.88 6.28 0.00
GLENWOOD_IC_3_G1 23689	175.65 7.24 0.00	149.26 5.60 0.00	132.70 4.74 0.00	129.56 4.50 0.00	128.30 4.45 0.00	138.49 5.46 0.00	175.44 8.19 -0.01	213.79 9.41 0.00	190.17 9.57 0.00	179.29 9.06 -8.26	150.56 7.56 -7.91	148.02 7.21 -16.52	140.45 6.88 -17.00	135.49 6.68 -15.56	149.02 7.21 -15.17	181.76 8.60 -16.75	197.22 10.20 -1.38	234.96 11.76 -1.25	207.52 10.39 -1.04	190.22 9.97 -2.03	172.41 8.75 -1.56	162.32 7.16 -22.40	147.43 7.15 0.00	139.88 6.28 0.00
GLENWOOD____4 23550	176.33 7.92 0.00	149.98 6.32 0.00	133.21 5.25 0.00	130.21 5.13 -0.02	129.07 5.20 -0.02	139.15 6.12 0.00	176.27 9.03 -0.01	215.62 11.24 0.00	191.26 10.66 0.00	180.11 9.88 -8.26	151.43 8.38 -7.97	177.57 7.83 -45.45	188.50 7.58 -64.35	186.39 7.36 -65.78	160.63 7.85 -26.14	182.56 9.38 -16.77	223.04 11.70 -25.70	264.77 13.10 -29.72	232.35 11.57 -24.69	237.26 11.05 -47.98	188.56 9.73 -16.72	189.18 7.97 -48.46	148.15 7.86 -0.02	140.70 7.08 -0.02
GLENWOOD____5 23614	176.33 7.92 0.00	149.98 6.32 0.00	133.21 5.25 0.00	130.21 5.13 -0.02	129.07 5.20 -0.02	139.15 6.12 0.00	176.27 9.03 -0.01	215.62 11.24 0.00	191.26 10.66 0.00	180.11 9.88 -8.26	151.43 8.38 -7.97	177.57 7.83 -45.45	188.50 7.58 -64.35	186.39 7.36 -65.78	160.63 7.85 -26.14	182.56 9.38 -16.77	223.04 11.70 -25.70	264.77 13.10 -29.72	232.35 11.57 -24.69	237.26 11.05 -47.98	188.56 9.73 -16.72	189.18 7.97 -48.46	148.15 7.86 -0.02	140.70 7.08 -0.02
GLOBAL GREEN_PORT_GT1 23814	178.01 9.59 0.00	151.70 8.04 0.00	134.49 6.52 0.00	132.83 7.76 -0.01	132.65 8.79 -0.01	143.32 10.24 -0.04	181.79 14.54 -0.01	222.15 17.77 0.00	197.94 17.34 0.00	185.29 15.07 -8.26	156.95 13.92 -7.94	169.20 12.93 -31.98	171.01 12.12 -42.31	167.32 11.67 -42.40	159.95 12.28 -21.03	188.03 14.87 -16.76	222.59 18.94 -18.01	259.03 20.20 -16.88	229.53 19.42 -14.02	223.66 18.19 -27.25	207.64 16.37 -29.17	197.76 13.15 -51.86	152.35 12.07 -0.01	150.81 11.49 -5.72
GLOBE____DSASP 323697	131.87 -21.05 15.49	113.96 -17.38 12.32	105.65 -14.33 7.98	104.17 -13.63 7.26	103.27 -13.50 7.08	101.06 -21.29 10.69	119.96 -30.94 16.34	145.98 -40.06 18.34	129.17 -33.77 17.67	115.89 -31.91 14.17	99.49 -23.91 11.68	92.09 -22.12 10.08	87.38 -20.28 8.91	84.92 -20.16 8.17	92.97 -23.43 10.24	111.10 -30.97 14.33	130.19 -36.39 19.07	162.90 -41.06 17.99	144.43 -33.53 18.13	126.21 -34.04 17.97	116.08 -30.48 15.55	98.73 -23.63 10.39	104.67 -23.57 12.04	104.40 -18.17 11.03
GOETHSLN____LBMP 323567	174.47 6.06 0.01	147.97 4.31 0.00	131.55 3.58 0.00	128.06 3.00 0.00	126.82 2.97 0.00	137.02 3.99 0.00	174.27 7.02 -0.01	213.37 8.99 0.00	189.09 8.49 0.00	178.65 8.42 -8.26	149.88 6.89 -7.91	146.13 6.59 -15.25	137.79 6.30 -14.92	132.72 6.12 -13.35	147.78 6.46 -14.68	180.82 7.66 -16.75	195.78 9.84 -0.30	233.05 11.10 0.00	205.70 9.61 0.00	187.49 9.27 0.00	170.78 7.78 -0.89	160.37 6.37 -21.24	146.31 6.03 0.00	138.81 5.21 0.00
GOLAH____69_KV_TB 1_2 80279	140.24 -13.30 14.87	121.06 -10.77 11.82	111.22 -9.09 7.66	109.59 -8.50 6.96	108.51 -8.55 6.80	110.94 -11.84 10.26	132.18 -19.40 15.66	164.38 -23.50 16.50	144.57 -20.23 15.80	129.56 -18.79 13.62	110.07 -13.78 11.24	101.75 -12.80 9.74	96.41 -11.54 8.62	93.91 -11.44 7.91	103.19 -13.55 9.89	124.12 -18.46 13.83	145.46 -21.91 18.27	181.61 -23.08 17.27	157.91 -20.79 17.39	141.19 -19.78 17.25	129.51 -17.67 14.93	108.58 -14.07 10.10	115.12 -13.61 11.56	111.52 -11.49 10.59
GOODYEAR_LAKE_HYD 323669	167.91 4.38 4.88	143.23 3.45 3.88	128.26 2.82 2.52	125.53 2.75 2.29	124.46 2.85 2.23	133.39 3.72 3.37	167.27 5.18 5.15	205.87 6.95 5.46	181.40 5.96 5.17	165.25 5.18 1.90	137.65 3.78 1.22	128.98 3.11 -1.59	121.22 2.80 -1.85	117.56 2.72 -1.59	131.29 3.29 -1.36	162.11 5.00 -0.70	186.19 6.50 5.95	224.28 7.99 5.67	197.24 6.86 5.71	179.15 6.59 5.66	163.16 5.67 4.62	140.64 4.51 -3.38	140.83 4.35 3.79	134.00 3.87 3.48
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	143.37 -7.92 17.13	123.15 -6.90 13.62	113.51 -5.63 8.82	111.54 -5.50 8.02	110.69 -5.33 7.83	114.04 -7.18 11.81	138.88 -10.20 18.16	174.90 -10.63 18.85	152.94 -10.11 17.55	135.97 -10.69 15.31	113.20 -9.32 12.57	105.07 -8.82 10.40	99.06 -8.39 9.13	96.71 -8.15 8.39	107.42 -8.61 10.61	131.62 -9.70 15.08	153.88 -10.58 21.17	190.75 -11.32 19.88	166.06 -10.00 20.03	148.74 -9.62 19.86	136.05 -8.92 17.14	114.77 -7.57 10.41	118.84 -8.14 13.31	114.19 -7.21 12.19

GOUDEY___7 23579	143.37 -7.92 17.13	123.15 -6.90 13.62	113.51 -5.63 8.82	111.54 -5.50 8.02	110.69 -5.33 7.83	114.04 -7.18 11.81	138.88 -10.20 18.16	174.90 -10.63 18.85	152.94 -10.11 17.55	135.97 -10.69 15.31	113.20 -9.32 12.57	105.07 -8.82 10.40	99.06 -8.39 9.13	96.71 -8.15 8.39	107.42 -8.61 10.61	131.62 -9.70 15.08	153.88 -10.58 21.17	190.75 -11.32 19.88	166.06 -10.00 20.03	148.74 -9.62 19.86	136.05 -8.92 17.14	114.77 -7.57 10.41	118.84 -8.14 13.31	114.19 -7.21 12.19
GOUDEY___8 23580	143.37 -7.92 17.13	123.15 -6.90 13.62	113.51 -5.63 8.82	111.54 -5.50 8.02	110.69 -5.33 7.83	114.04 -7.18 11.81	138.88 -10.20 18.16	174.90 -10.63 18.85	152.94 -10.11 17.55	135.97 -10.69 15.31	113.20 -9.32 12.57	105.07 -8.82 10.40	99.06 -8.39 9.13	96.71 -8.15 8.39	107.42 -8.61 10.61	131.62 -9.70 15.08	153.88 -10.58 21.17	190.75 -11.32 19.88	166.06 -10.00 20.03	148.74 -9.62 19.86	136.05 -8.92 17.14	114.77 -7.57 10.41	118.84 -8.14 13.31	114.19 -7.21 12.19
GOWANUS_GT1_1 24077	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT1_2 24078	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT1_3 24079	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT1_4 24080	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT1_5 24084	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT1_6 24111	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT1_7 24112	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT1_8 24113	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT2_1 24114	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT2_2 24115	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT2_3 24116	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT2_4 24117	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT2_5 24118	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00

GOWANUS_GT2_6 24119	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT2_7 24120	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT2_8 24121	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT3_1 24122	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT3_2 24123	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT3_3 24124	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT3_4 24125	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT3_5 24126	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT3_6 24127	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT3_7 24128	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT3_8 24129	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
GOWANUS_GT4_1 24130	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT4_2 24131	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT4_3 24132	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT4_4 24133	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00

GOWANUS_GT4_5 24134	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT4_6 24135	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT4_7 24136	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GOWANUS_GT4_8 24137	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GREATVR_69_KV_BK1 356245	178.69 10.27 0.00	152.28 8.62 0.00	134.87 6.91 0.00	132.83 7.75 -0.01	131.91 8.05 -0.01	141.30 8.25 -0.02	179.29 12.04 -0.01	219.30 14.92 0.00	194.51 13.91 0.00	182.05 11.82 -8.26	153.70 10.67 -7.95	166.96 9.82 -32.85	169.75 9.44 -43.73	166.44 9.29 -43.91	158.00 10.00 -21.36	185.37 12.20 -16.76	217.52 15.04 -16.84	257.57 17.98 -17.63	227.01 16.28 -14.65	222.02 15.33 -28.47	192.70 11.67 -18.92	186.37 9.43 -44.19	150.67 10.38 -0.01	144.18 8.02 -2.57
GREENBSH_115KV_TB3 55895	174.81 6.40 0.00	148.83 5.17 0.00	132.31 4.35 0.00	129.31 4.25 0.00	128.06 4.21 0.00	137.82 4.79 0.00	173.80 6.52 -0.04	210.71 6.34 0.00	186.02 5.42 0.00	177.16 5.34 -9.85	149.52 5.00 -9.43	146.95 4.47 -18.18	138.57 4.20 -17.80	133.25 4.08 -15.92	148.83 4.69 -17.51	182.01 5.63 -19.98	192.50 6.50 -0.36	229.28 7.32 0.00	202.76 6.67 0.00	184.64 6.42 0.00	169.16 6.00 -1.06	162.87 4.78 -25.34	145.89 5.61 0.00	139.08 5.48 0.00
GREENDGE_115KV_TB5 80291	147.04 -4.88 16.49	126.24 -4.31 13.11	116.27 -3.20 8.49	114.46 -2.88 7.72	113.59 -2.72 7.54	116.34 -5.32 11.37	141.80 -7.86 17.58	181.27 -7.15 15.96	160.95 -7.04 12.61	137.19 -9.72 15.06	113.36 -9.32 12.41	104.70 -9.07 10.52	98.63 -8.74 9.20	96.54 -8.27 8.45	106.94 -8.99 10.71	133.25 -8.13 15.02	156.97 -8.17 20.50	195.87 -6.88 19.20	170.87 -5.88 19.34	152.45 -6.59 19.18	139.04 -6.48 16.58	116.56 -5.58 10.61	120.96 -6.45 12.87	116.38 -5.48 11.74
GREENIDGE___3 23582	147.04 -4.88 16.49	126.24 -4.31 13.11	116.27 -3.20 8.49	114.46 -2.88 7.72	113.59 -2.72 7.54	116.34 -5.32 11.37	141.80 -7.86 17.58	181.27 -7.15 15.96	160.95 -7.04 12.61	137.19 -9.72 15.06	113.36 -9.32 12.41	104.70 -9.07 10.52	98.63 -8.74 9.20	96.54 -8.27 8.45	106.94 -8.99 10.71	133.25 -8.13 15.02	156.97 -8.17 20.50	195.87 -6.88 19.20	170.87 -5.88 19.34	152.45 -6.59 19.18	139.04 -6.48 16.58	116.56 -5.58 10.61	120.96 -6.45 12.87	116.38 -5.48 11.74
GREENIDGE___4 23583	147.04 -4.89 16.49	126.25 -4.31 13.11	116.28 -3.19 8.49	114.47 -2.87 7.72	113.59 -2.73 7.54	116.34 -5.33 11.37	141.64 -8.02 17.58	181.47 -6.95 15.96	160.95 -7.05 12.61	137.19 -9.71 15.06	113.36 -9.32 12.41	104.71 -9.07 10.51	98.63 -8.75 9.20	96.54 -8.26 8.45	106.94 -8.99 10.71	133.25 -8.14 15.01	156.98 -8.16 20.50	195.64 -7.11 19.20	171.06 -5.69 19.34	152.45 -6.59 19.18	139.04 -6.49 16.58	116.55 -5.57 10.64	121.10 -6.31 12.87	116.78 -5.08 11.74
GREENLWN_69_KV_BK 3 55738	173.47 5.05 0.00	147.83 4.17 0.00	131.03 3.07 0.00	129.20 4.13 -0.01	128.19 4.33 -0.01	137.55 4.52 0.01	173.93 6.69 -0.01	212.55 8.18 0.00	188.73 8.13 0.00	177.35 7.13 -8.26	149.52 6.48 -7.95	162.86 5.97 -32.60	165.72 5.83 -43.32	162.50 5.78 -43.47	154.11 6.21 -21.26	180.52 7.35 -16.76	209.63 9.28 -14.71	248.91 9.54 -17.42	219.58 9.02 -14.47	215.08 8.73 -28.12	177.51 8.11 -7.30	174.31 6.64 -34.92	146.18 5.89 -0.01	138.38 5.61 0.83
GREENWD_138_KV_38B11_REV_LBMP_J 345004	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00
GRISSOM___SOLAR 323813	176.66 8.25 0.00	150.41 6.75 0.00	133.34 5.37 0.00	130.56 5.50 0.00	129.29 5.44 0.00	139.81 6.78 0.00	176.35 9.02 -0.09	216.02 11.64 0.00	188.74 8.13 0.00	178.33 5.34 -11.02	148.88 3.24 -10.56	147.00 2.36 -20.35	138.35 1.86 -19.92	133.22 2.15 -17.82	149.91 3.67 -19.60	185.64 6.87 -22.36	195.88 9.83 -0.40	234.15 12.20 0.00	207.06 10.97 0.00	188.20 9.97 0.00	172.20 8.91 -1.19	167.73 6.63 -28.34	147.29 7.01 0.00	139.88 6.28 0.00
GROVEVILLE___HYD 323602	176.67 8.25 0.00	150.13 6.46 0.00	133.59 5.63 0.00	130.19 5.13 0.00	128.93 5.08 0.00	139.15 6.12 0.00	176.61 9.37 -0.01	215.42 11.04 0.00	190.54 9.93 0.00	179.66 9.39 -8.30	150.46 7.43 -7.95	146.57 6.96 -15.32	138.21 6.64 -14.99	133.12 6.46 -13.42	148.61 7.22 -14.75	181.98 8.76 -16.82	197.08 11.14 -0.30	234.61 12.65 0.00	207.07 10.98 0.00	188.74 10.52 0.00	172.24 9.24 -0.89	161.52 7.43 -21.34	147.71 7.43 0.00	140.15 6.55 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	154.24 -5.05 9.12	131.96 -4.45 7.25	119.43 -3.84 4.70	117.16 -3.63 4.27	116.21 -3.47 4.17	122.62 -4.12 6.29	152.09 -5.52 9.63	188.36 -5.93 10.09	165.58 -5.42 9.61	147.98 -5.67 8.31	123.24 -5.00 6.85	113.69 -4.72 5.88	106.94 -4.43 5.20	104.29 -4.19 4.77	116.10 -4.56 5.98	142.69 -5.32 8.40	168.47 -5.94 11.23	205.38 -5.99 10.58	180.14 -5.29 10.66	162.31 -5.35 10.57	148.10 -4.86 9.14	122.59 -4.12 6.04	128.71 -4.49 7.08	122.70 -4.41 6.49
HAMLTNNY_34_KV_TB 80303	153.57 -5.39 9.46	131.55 -4.60 7.52	119.25 -3.84 4.87	117.01 -3.63 4.43	115.93 -3.59 4.32	122.12 -4.39 6.52	151.23 -6.02 9.98	187.58 -6.34 10.46	164.86 -5.78 9.96	147.20 -6.15 8.62	122.72 -5.27 7.10	113.23 -4.97 6.09	106.41 -4.78 5.39	103.78 -4.53 4.94	115.64 -4.81 6.19	142.08 -5.63 8.69	167.68 -6.31 11.65	204.77 -6.21 10.97	179.55 -5.49 11.05	161.56 -5.70 10.96	147.44 -5.19 9.48	122.12 -4.38 6.25	128.31 -4.63 7.34	122.32 -4.54 6.73

HAMPSHIRE___PAPER_HYD 323593	170.94 2.53 0.00	146.10 2.44 0.00	130.39 2.43 0.00	127.69 2.63 0.00	126.32 2.48 0.00	135.83 2.80 0.00	169.40 2.17 0.00	207.45 3.07 0.00	182.59 1.99 0.00	162.78 0.81 0.00	134.28 -0.81 0.00	123.92 -0.37 0.00	116.00 -0.58 0.00	112.46 -0.79 0.00	125.88 -0.76 0.00	156.09 -0.31 0.00	185.45 -0.19 0.00	222.40 0.44 0.00	195.89 -0.20 0.00	178.04 -0.18 0.00	161.62 -0.48 0.00	131.96 -0.79 0.00	140.56 0.28 0.00	134.14 0.54 0.00
HARDSCRABBLE_WT_PWR 323673	178.52 10.10 0.00	152.72 9.06 0.00	136.16 8.20 0.00	133.19 8.12 0.00	132.02 8.17 0.00	141.81 8.78 0.00	177.78 10.54 0.00	217.06 12.68 0.00	191.81 11.20 0.00	172.34 10.37 0.00	143.60 8.52 0.00	132.13 7.84 0.00	123.81 7.23 0.00	120.16 6.91 0.00	134.24 7.60 0.00	165.79 9.38 0.00	196.22 10.58 0.00	234.60 12.64 0.00	207.06 10.97 0.00	188.55 10.33 0.00	171.50 9.40 0.00	140.58 7.83 0.00	148.98 8.70 0.00	142.16 8.56 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	174.65 6.23 0.00	148.40 4.74 0.00	131.93 3.97 0.00	128.69 3.63 0.00	127.44 3.59 0.00	137.56 4.52 0.00	174.43 7.19 -0.01	212.96 8.58 0.00	188.55 7.95 0.00	177.40 7.61 -7.82	148.79 6.21 -7.49	144.57 5.84 -14.44	136.31 5.60 -14.13	131.33 5.44 -12.65	146.50 5.95 -13.90	179.46 7.19 -15.87	195.21 9.28 -0.29	232.16 10.21 0.00	205.11 9.02 0.00	186.95 8.73 0.00	170.41 7.46 -0.84	158.98 6.11 -20.12	146.17 5.89 0.00	138.81 5.21 0.00
HARSNRAD_115KV_TB1 81005	131.27 -21.73 15.42	113.30 -18.10 12.26	104.92 -15.10 7.94	103.34 -14.51 7.22	102.43 -14.37 7.05	102.45 -19.95 10.63	119.37 -31.61 16.26	147.79 -38.42 18.17	128.90 -33.05 18.65	117.91 -29.96 14.10	101.04 -22.42 11.63	93.50 -20.76 10.03	88.59 -19.12 8.87	86.20 -18.91 8.13	94.41 -22.04 10.19	113.36 -28.78 14.26	132.08 -34.53 19.03	166.10 -37.95 17.90	144.13 -33.92 18.03	128.79 -31.55 17.88	118.43 -28.21 15.47	100.37 -22.04 10.34	106.27 -22.02 11.98	104.19 -18.44 10.98
HARZA MOOSE___RIVER 24016	174.65 6.23 0.00	148.69 5.03 0.00	132.57 4.61 0.00	129.69 4.63 0.00	128.31 4.46 0.00	138.35 5.32 0.00	173.76 6.52 0.00	212.96 8.58 0.00	187.83 7.22 0.00	167.31 5.34 0.00	137.65 2.57 0.00	126.53 2.24 0.00	118.44 1.87 0.00	114.84 1.59 0.00	128.92 2.28 0.00	160.47 4.07 0.00	191.39 5.75 0.00	229.50 7.55 0.00	201.97 5.88 0.00	183.92 5.70 0.00	166.81 4.70 0.00	136.07 3.32 0.00	143.79 3.51 0.00	136.94 3.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	146.10 -6.40 15.91	125.55 -5.46 12.65	115.03 -4.73 8.20	113.11 -4.50 7.45	112.12 -4.46 7.27	116.87 -5.19 10.97	143.72 -6.86 16.66	179.37 -7.56 17.45	157.12 -6.86 16.62	140.62 -6.80 14.54	117.27 -5.81 12.01	108.36 -5.47 10.46	102.17 -5.13 9.28	99.76 -4.98 8.51	110.70 -5.32 10.62	135.15 -6.41 14.84	158.77 -7.43 19.45	195.50 -7.99 18.47	170.43 -7.06 18.60	152.83 -6.95 18.44	139.82 -6.32 15.97	116.62 -5.18 10.96	122.45 -5.47 12.36	116.93 -5.34 11.33
HELLGATE_13_KV_LD 55870	177.34 8.93 0.00	150.41 6.75 0.00	133.72 5.76 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.15 6.12 0.00	176.94 9.70 -0.01	216.03 11.65 0.00	190.90 10.29 0.00	180.43 10.20 -8.26	150.97 7.97 -7.91	147.00 7.46 -15.25	138.73 7.23 -14.92	133.51 6.91 -13.35	148.79 7.47 -14.68	181.76 8.60 -16.75	197.08 11.14 -0.30	234.61 12.65 0.00	207.07 10.98 0.00	188.91 10.69 0.00	171.75 8.75 -0.89	161.70 7.70 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	177.34 8.93 0.00	150.41 6.75 0.00	133.72 5.76 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.15 6.12 0.00	176.94 9.70 -0.01	216.03 11.65 0.00	190.90 10.29 0.00	180.43 10.20 -8.26	150.97 7.97 -7.91	147.00 7.46 -15.25	138.73 7.23 -14.92	133.51 6.91 -13.35	148.79 7.47 -14.68	181.76 8.60 -16.75	197.08 11.14 -0.30	234.61 12.65 0.00	207.07 10.98 0.00	188.91 10.69 0.00	171.75 8.75 -0.89	161.70 7.70 -21.25	148.13 7.86 0.00	140.55 6.95 0.00
HEMPSTEAD___ 23647	175.65 7.24 0.00	149.69 6.03 0.00	132.70 4.74 0.00	130.08 5.01 -0.01	128.82 4.96 -0.01	138.88 5.85 0.00	175.60 8.36 -0.01	213.99 9.61 0.00	190.53 9.93 0.00	179.29 9.06 -8.26	150.88 7.83 -7.96	172.97 7.21 -41.47	181.41 6.99 -57.84	178.92 6.79 -58.88	158.61 7.34 -24.63	181.93 8.75 -16.77	218.27 10.39 -22.24	259.38 11.76 -25.67	228.00 10.58 -21.33	229.64 9.97 -41.45	185.66 8.91 -14.64	185.07 7.43 -44.89	147.72 7.43 -0.01	140.29 6.68 -0.01
HICKLING___1 23621	142.02 -9.60 16.79	122.12 -8.19 13.35	112.53 -6.78 8.65	110.70 -6.50 7.86	109.86 -6.32 7.68	112.14 -9.31 11.58	135.83 -13.55 17.86	171.29 -15.33 17.76	151.92 -13.00 15.68	132.43 -14.25 15.29	110.07 -12.43 12.59	101.83 -11.81 10.66	96.04 -11.19 9.35	93.91 -10.76 8.58	103.25 -12.54 10.85	128.36 -12.83 15.22	150.89 -13.92 20.83	187.55 -14.87 19.53	163.28 -13.14 19.67	145.88 -12.83 19.51	133.25 -12.00 16.86	112.06 -9.96 10.74	116.39 -10.80 13.08	112.42 -9.22 11.96
HICKLING___2 23622	142.02 -9.60 16.79	122.12 -8.19 13.35	112.53 -6.78 8.65	110.70 -6.50 7.86	109.86 -6.32 7.68	112.14 -9.31 11.58	135.83 -13.55 17.86	171.29 -15.33 17.76	151.92 -13.00 15.68	132.43 -14.25 15.29	110.07 -12.43 12.59	101.83 -11.81 10.66	96.04 -11.19 9.35	93.91 -10.76 8.58	103.25 -12.54 10.85	128.36 -12.83 15.22	150.89 -13.92 20.83	187.55 -14.87 19.53	163.28 -13.14 19.67	145.88 -12.83 19.51	133.25 -12.00 16.86	112.06 -9.96 10.74	116.39 -10.80 13.08	112.42 -9.22 11.96
HIGH FALLS___HY 23754	176.33 7.92 0.00	149.84 6.18 0.00	133.34 5.37 0.00	130.06 5.00 0.00	128.68 4.83 0.00	139.02 5.99 0.00	176.61 9.37 -0.01	216.85 12.47 0.00	191.62 11.02 0.00	180.30 10.04 -8.29	150.59 7.56 -7.94	146.56 6.96 -15.31	138.21 6.64 -14.99	133.12 6.46 -13.41	148.60 7.22 -14.74	181.61 8.45 -16.76	197.27 11.32 -0.30	234.61 12.65 0.00	207.07 10.98 0.00	188.91 10.69 0.00	172.24 9.24 -0.89	161.44 7.43 -21.26	147.43 7.15 0.00	139.74 6.15 0.00
HIGH_RIVER___SOLAR 323847	175.49 7.07 0.00	149.41 5.75 0.00	132.44 4.48 0.00	129.69 4.63 0.00	128.43 4.59 0.00	138.88 5.85 0.00	175.02 7.70 -0.09	214.39 10.01 0.00	188.19 7.58 0.00	178.54 5.67 -10.90	149.45 3.92 -10.44	147.40 2.98 -20.13	138.84 2.56 -19.70	133.48 2.61 -17.63	149.70 3.67 -19.38	184.78 6.26 -22.11	194.77 8.73 -0.40	232.61 10.65 0.00	205.69 9.61 0.00	186.78 8.55 0.00	170.90 7.62 -1.17	166.61 5.83 -28.03	146.31 6.03 0.00	139.08 5.48 0.00
HILLBURN___GT 23639	173.96 5.55 0.00	147.83 4.17 0.00	131.42 3.46 0.00	128.06 3.00 0.00	126.95 3.10 0.00	137.02 3.99 0.00	173.76 6.52 -0.01	211.73 7.35 0.00	188.19 7.58 0.00	177.34 7.45 -7.92	148.75 6.08 -7.58	144.76 5.84 -14.62	136.48 5.60 -14.31	131.49 5.44 -12.80	146.55 5.83 -14.08	179.34 6.87 -16.06	194.29 8.36 -0.29	231.49 9.54 0.00	204.51 8.43 0.00	186.42 8.20 0.00	170.08 7.12 -0.85	158.96 5.83 -20.38	145.90 5.62 0.00	138.40 4.80 0.00
HILLSIDE_115KV_TB1 80332	139.73 -11.79 16.89	120.18 -10.06 13.43	110.82 -8.45 8.70	109.02 -8.13 7.91	108.08 -8.05 7.72	110.47 -10.91 11.65	133.89 -15.39 17.96	171.03 -15.33 18.02	150.05 -14.45 16.11	131.57 -15.06 15.33	109.23 -13.24 12.62	101.09 -12.55 10.64	95.35 -11.89 9.33	93.13 -11.55 8.57	103.26 -12.54 10.84	126.73 -14.39 15.28	148.72 -15.96 20.95	184.77 -17.53 19.65	160.81 -15.49 19.79	143.81 -14.79 19.62	131.37 -13.78 16.96	110.58 -11.42 10.76	114.78 -12.34 13.16	110.88 -10.69 12.03

HISHELDN_WT_PWR 323625	136.41 -16.17 15.84	117.56 -13.51 12.59	108.54 -11.26 8.16	106.76 -10.88 7.42	105.58 -11.02 7.24	106.01 -16.10 10.92	125.57 -24.92 16.74	156.34 -27.79 20.24	133.75 -25.83 21.02	122.88 -24.61 14.47	103.70 -19.45 11.93	96.02 -18.02 10.25	90.86 -16.67 9.05	88.65 -16.31 8.30	97.22 -19.00 10.42	119.46 -22.37 14.57	141.04 -25.07 19.53	174.70 -28.85 18.40	151.66 -25.89 18.54	135.60 -24.24 18.38	124.00 -22.20 15.90	104.60 -17.66 10.50	109.86 -18.10 12.32	107.62 -14.70 11.28
HOLTSVILLE_IC_1 23690	176.00 7.59 0.00	149.98 6.31 0.00	132.83 4.86 0.00	130.83 5.76 -0.01	129.92 6.07 -0.01	139.59 6.52 -0.04	176.10 8.86 -0.01	214.59 10.21 0.00	191.26 10.65 0.00	179.45 9.23 -8.26	151.41 8.38 -7.94	163.93 7.71 -31.93	166.27 7.47 -42.22	162.92 7.36 -42.31	155.50 7.85 -21.01	182.71 9.54 -16.76	215.51 11.89 -17.98	250.98 12.20 -16.83	221.64 11.57 -13.98	216.45 11.05 -27.18	201.54 10.22 -29.22	193.00 8.37 -51.88	148.28 7.99 -0.01	146.42 7.08 -5.74
HOLTSVILLE_IC_10 23699	177.00 8.58 0.00	150.84 7.18 0.00	133.59 5.62 0.00	131.57 6.50 -0.01	130.66 6.81 -0.01	140.38 7.31 -0.04	177.28 10.03 -0.01	216.02 11.64 0.00	192.52 11.92 0.00	180.44 10.21 -8.26	152.35 9.31 -7.95	165.02 8.57 -32.16	167.44 8.28 -42.59	164.11 8.16 -42.70	156.60 8.86 -21.10	183.95 10.78 -16.76	216.86 13.18 -18.03	252.99 13.99 -17.04	223.59 13.34 -14.16	218.39 12.66 -27.51	202.21 11.51 -28.59	193.67 9.43 -51.49	149.27 8.99 -0.01	147.14 8.02 -5.52
HOLTSVILLE_IC_2 23691	176.00 7.59 0.00	149.98 6.31 0.00	132.83 4.86 0.00	130.83 5.76 -0.01	129.92 6.07 -0.01	139.59 6.52 -0.04	176.10 8.86 -0.01	214.59 10.21 0.00	191.26 10.65 0.00	179.45 9.23 -8.26	151.41 8.38 -7.94	163.93 7.71 -31.93	166.27 7.47 -42.22	162.92 7.36 -42.31	155.50 7.85 -21.01	182.71 9.54 -16.76	215.51 11.89 -17.98	250.98 12.20 -16.83	221.64 11.57 -13.98	216.45 11.05 -27.18	201.54 10.22 -29.22	193.00 8.37 -51.88	148.28 7.99 -0.01	146.42 7.08 -5.74
HOLTSVILLE_IC_3 23692	176.00 7.59 0.00	149.98 6.31 0.00	132.83 4.86 0.00	130.83 5.76 -0.01	129.92 6.07 -0.01	139.59 6.52 -0.04	176.10 8.86 -0.01	214.59 10.21 0.00	191.26 10.65 0.00	179.45 9.23 -8.26	151.41 8.38 -7.94	163.93 7.71 -31.93	166.27 7.47 -42.22	162.92 7.36 -42.31	155.50 7.85 -21.01	182.71 9.54 -16.76	215.51 11.89 -17.98	250.98 12.20 -16.83	221.64 11.57 -13.98	216.45 11.05 -27.18	201.54 10.22 -29.22	193.00 8.37 -51.88	148.28 7.99 -0.01	146.42 7.08 -5.74
HOLTSVILLE_IC_4 23693	176.00 7.59 0.00	149.98 6.31 0.00	132.83 4.86 0.00	130.83 5.76 -0.01	129.92 6.07 -0.01	139.59 6.52 -0.04	176.10 8.86 -0.01	214.59 10.21 0.00	191.26 10.65 0.00	179.45 9.23 -8.26	151.41 8.38 -7.94	163.93 7.71 -31.93	166.27 7.47 -42.22	162.92 7.36 -42.31	155.50 7.85 -21.01	182.71 9.54 -16.76	215.51 11.89 -17.98	250.98 12.20 -16.83	221.64 11.57 -13.98	216.45 11.05 -27.18	201.54 10.22 -29.22	193.00 8.37 -51.88	148.28 7.99 -0.01	146.42 7.08 -5.74
HOLTSVILLE_IC_5 23694	176.00 7.59 0.00	149.98 6.31 0.00	132.83 4.86 0.00	130.83 5.76 -0.01	129.92 6.07 -0.01	139.59 6.52 -0.04	176.10 8.86 -0.01	214.59 10.21 0.00	191.26 10.65 0.00	179.45 9.23 -8.26	151.41 8.38 -7.94	163.93 7.71 -31.93	166.27 7.47 -42.22	162.92 7.36 -42.31	155.50 7.85 -21.01	182.71 9.54 -16.76	215.51 11.89 -17.98	250.98 12.20 -16.83	221.64 11.57 -13.98	216.45 11.05 -27.18	201.54 10.22 -29.22	193.00 8.37 -51.88	148.28 7.99 -0.01	146.42 7.08 -5.74
HOLTSVILLE_IC_6 23695	177.00 8.58 0.00	150.84 7.18 0.00	133.59 5.62 0.00	131.57 6.50 -0.01	130.66 6.81 -0.01	140.38 7.31 -0.04	177.28 10.03 -0.01	216.02 11.64 0.00	192.52 11.92 0.00	180.44 10.21 -8.26	152.35 9.31 -7.95	165.02 8.57 -32.16	167.44 8.28 -42.59	164.11 8.16 -42.70	156.60 8.86 -21.10	183.95 10.78 -16.76	216.86 13.18 -18.03	252.99 13.99 -17.04	223.59 13.34 -14.16	218.39 12.66 -27.51	202.21 11.51 -28.59	193.67 9.43 -51.49	149.27 8.99 -0.01	147.14 8.02 -5.52
HOLTSVILLE_IC_7 23696	177.00 8.58 0.00	150.84 7.18 0.00	133.59 5.62 0.00	131.57 6.50 -0.01	130.66 6.81 -0.01	140.38 7.31 -0.04	177.28 10.03 -0.01	216.02 11.64 0.00	192.52 11.92 0.00	180.44 10.21 -8.26	152.35 9.31 -7.95	165.02 8.57 -32.16	167.44 8.28 -42.59	164.11 8.16 -42.70	156.60 8.86 -21.10	183.95 10.78 -16.76	216.86 13.18 -18.03	252.99 13.99 -17.04	223.59 13.34 -14.16	218.39 12.66 -27.51	202.21 11.51 -28.59	193.67 9.43 -51.49	149.27 8.99 -0.01	147.14 8.02 -5.52
HOLTSVILLE_IC_8 23697	177.00 8.58 0.00	150.84 7.18 0.00	133.59 5.62 0.00	131.57 6.50 -0.01	130.66 6.81 -0.01	140.38 7.31 -0.04	177.28 10.03 -0.01	216.02 11.64 0.00	192.52 11.92 0.00	180.44 10.21 -8.26	152.35 9.31 -7.95	165.02 8.57 -32.16	167.44 8.28 -42.59	164.11 8.16 -42.70	156.60 8.86 -21.10	183.95 10.78 -16.76	216.86 13.18 -18.03	252.99 13.99 -17.04	223.59 13.34 -14.16	218.39 12.66 -27.51	202.21 11.51 -28.59	193.67 9.43 -51.49	149.27 8.99 -0.01	147.14 8.02 -5.52
HOLTSVILLE_IC_9 23698	177.00 8.58 0.00	150.84 7.18 0.00	133.59 5.62 0.00	131.57 6.50 -0.01	130.66 6.81 -0.01	140.38 7.31 -0.04	177.28 10.03 -0.01	216.02 11.64 0.00	192.52 11.92 0.00	180.44 10.21 -8.26	152.35 9.31 -7.95	165.02 8.57 -32.16	167.44 8.28 -42.59	164.11 8.16 -42.70	156.60 8.86 -21.10	183.95 10.78 -16.76	216.86 13.18 -18.03	252.99 13.99 -17.04	223.59 13.34 -14.16	218.39 12.66 -27.51	202.21 11.51 -28.59	193.67 9.43 -51.49	149.27 8.99 -0.01	147.14 8.02 -5.52
HOMER_HL_115KV_TB2 355744	138.52 -13.98 15.91	118.94 -12.07 12.65	109.78 -9.98 8.20	107.85 -9.75 7.45	106.91 -9.66 7.27	108.22 -13.84 10.98	131.86 -18.56 16.82	167.68 -17.99 18.72	146.45 -16.07 18.08	130.93 -16.52 14.51	107.45 -15.67 11.96	98.63 -15.41 10.25	92.60 -14.92 9.05	90.34 -14.61 8.30	100.64 -15.58 10.43	124.73 -17.05 14.63	146.90 -19.12 19.62	179.71 -23.75 18.49	156.29 -21.18 18.63	141.40 -18.36 18.47	128.63 -17.51 15.97	107.52 -14.74 10.49	111.21 -16.69 12.38	108.11 -14.16 11.33
HOWARD_WT_PWR 323690	141.98 -10.10 16.34	122.20 -8.48 12.99	112.64 -6.91 8.41	110.53 -6.88 7.65	109.07 -7.31 7.47	110.06 -11.71 11.27	131.64 -18.22 17.37	169.32 -20.85 14.21	151.84 -19.32 9.44	126.15 -20.89 14.92	105.10 -17.69 12.30	97.29 -16.53 10.47	92.00 -15.39 9.19	90.32 -14.50 8.43	99.14 -16.84 10.65	125.71 -15.79 14.90	148.13 -17.26 20.25	184.31 -18.64 19.00	160.28 -16.67 19.14	143.20 -16.04 18.98	130.78 -14.91 16.41	109.77 -12.34 10.64	114.36 -13.19 12.73	112.22 -9.75 11.63
HQ_GEN_CEDARS 23644	171.78 3.37 0.00	147.11 3.45 0.00	131.16 3.20 0.00	128.44 3.38 0.00	127.07 3.22 0.00	136.36 3.33 0.00	170.92 3.68 0.00	208.67 4.29 0.00	184.22 3.61 0.00	164.88 2.92 0.00	137.11 2.03 0.00	126.28 1.99 0.00	118.33 1.75 0.00	114.95 1.70 0.00	128.54 1.90 0.00	158.91 2.50 0.00	188.42 2.78 0.00	225.73 3.77 0.00	199.23 3.14 0.00	180.90 2.67 0.00	164.38 2.27 0.00	134.48 1.73 0.00	142.38 2.10 0.00	135.87 2.27 0.00
HQ_GEN_CEDARS_PROXY 323590	224.00 3.37 -52.22	174.00 3.44 -26.90	174.00 3.20 -42.84	174.00 3.38 -45.56	174.00 3.21 -46.94	224.00 3.33 -87.64	289.00 3.67 -118.09	289.00 4.30 -80.32	289.00 3.61 -104.79	289.00 2.92 -124.11	274.00 2.03 -136.88	244.00 1.98 -117.73	224.00 1.75 -105.67	224.00 1.70 -109.05	234.00 1.90 -105.46	274.00 2.49 -115.10	289.00 2.79 -100.57	289.00 3.77 -63.28	289.00 3.13 -89.78	289.00 2.68 -108.10	289.00 2.27 -124.63	254.00 1.72 -119.53	224.00 2.11 -81.61	224.00 2.27 -88.13

HQ_GEN_IMPORT 323601	169.43 1.02 0.00	144.95 1.29 0.00	129.11 1.15 0.00	126.31 1.25 0.00	125.09 1.24 0.00	134.23 1.19 0.00	168.57 1.33 0.00	206.01 1.63 0.00	182.04 1.44 0.00	163.11 1.14 0.00	135.90 0.82 0.00	125.17 0.88 0.00	117.40 0.82 0.00	114.05 0.80 0.00	127.53 0.89 0.00	157.51 1.10 0.00	186.95 1.31 0.00	223.29 1.34 0.00	197.27 1.18 0.00	179.30 1.08 0.00	163.08 0.98 0.00	133.42 0.67 0.00	141.12 0.85 0.00	134.41 0.81 0.00
HQ_GEN_WHEEL 23651	169.43 1.02 0.00	144.95 1.29 0.00	129.11 1.15 0.00	126.31 1.25 0.00	125.09 1.24 0.00	134.23 1.19 0.00	168.57 1.33 0.00	206.01 1.63 0.00	182.04 1.44 0.00	163.11 1.14 0.00	135.90 0.82 0.00	125.17 0.88 0.00	117.40 0.82 0.00	114.05 0.80 0.00	127.53 0.89 0.00	157.51 1.10 0.00	186.95 1.31 0.00	223.29 1.34 0.00	197.27 1.18 0.00	179.30 1.08 0.00	163.08 0.98 0.00	133.42 0.67 0.00	141.12 0.85 0.00	134.41 0.81 0.00
HUDSON AVE_GT_3 23810	175.82 7.41 0.00	149.12 5.46 0.00	132.57 4.61 0.00	129.06 4.00 0.00	127.81 3.96 0.00	138.09 5.06 0.00	175.44 8.19 -0.01	214.80 10.42 0.00	190.36 9.75 0.00	179.78 9.56 -8.26	150.83 7.84 -7.91	146.87 7.33 -15.25	138.61 7.11 -14.92	133.51 6.91 -13.35	148.66 7.35 -14.68	181.91 8.76 -16.75	197.08 11.14 -0.30	234.61 12.65 0.00	207.07 10.98 0.00	188.74 10.52 0.00	171.91 8.92 -0.89	161.30 7.30 -21.24	147.43 7.15 0.00	139.88 6.28 0.00
HUDSON AVE_GT_4 23540	175.82 7.41 0.00	149.12 5.46 0.00	132.57 4.61 0.00	129.06 4.00 0.00	127.81 3.96 0.00	138.09 5.06 0.00	175.44 8.19 -0.01	214.80 10.42 0.00	190.36 9.75 0.00	179.78 9.56 -8.26	150.83 7.84 -7.91	146.87 7.33 -15.25	138.61 7.11 -14.92	133.51 6.91 -13.35	148.66 7.35 -14.68	181.91 8.76 -16.75	197.08 11.14 -0.30	234.61 12.65 0.00	207.07 10.98 0.00	188.74 10.52 0.00	171.91 8.92 -0.89	161.30 7.30 -21.24	147.43 7.15 0.00	139.88 6.28 0.00
HUDSON AVE_GT_5 23657	175.82 7.41 0.00	149.12 5.46 0.00	132.57 4.61 0.00	129.06 4.00 0.00	127.81 3.96 0.00	138.09 5.06 0.00	175.44 8.19 -0.01	214.80 10.42 0.00	190.36 9.75 0.00	179.78 9.56 -8.26	150.83 7.84 -7.91	146.87 7.33 -15.25	138.61 7.11 -14.92	133.51 6.91 -13.35	148.66 7.35 -14.68	181.91 8.76 -16.75	197.08 11.14 -0.30	234.61 12.65 0.00	207.07 10.98 0.00	188.74 10.52 0.00	171.91 8.92 -0.89	161.30 7.30 -21.24	147.43 7.15 0.00	139.88 6.28 0.00
HUDSON_AVE_10 24168	175.15 6.74 0.00	148.55 4.88 0.00	132.06 4.09 0.00	128.56 3.50 0.00	127.32 3.47 0.00	137.56 4.52 0.00	174.94 7.69 -0.01	213.98 9.61 0.00	189.63 9.03 0.00	179.13 8.91 -8.26	150.42 7.43 -7.91	146.62 7.08 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.97 -14.68	181.44 8.29 -16.75	196.71 10.77 -0.30	233.94 11.99 0.00	206.68 10.59 0.00	188.20 9.98 0.00	171.43 8.43 -0.89	160.90 6.90 -21.24	147.01 6.73 0.00	139.34 5.74 0.00
HUDSON___115KV_TB 4 355613	177.85 9.43 0.00	151.42 7.76 0.00	134.62 6.65 0.00	131.69 6.63 0.00	130.16 6.32 0.00	140.48 7.45 0.00	176.97 9.70 -0.03	215.21 10.83 0.00	189.45 8.85 0.00	178.79 7.13 -9.70	150.32 5.94 -9.29	147.30 5.10 -17.91	138.77 4.66 -17.53	133.58 4.64 -15.68	149.46 5.57 -17.25	183.43 7.35 -19.67	196.21 10.21 -0.36	233.94 11.99 0.00	206.87 10.78 0.00	188.02 9.80 0.00	171.42 8.27 -1.04	164.21 6.50 -24.95	148.13 7.86 0.00	141.48 7.88 0.00
HUNTER MOUNT___DRP 323613	179.02 10.61 0.00	152.42 8.76 0.00	135.51 7.55 0.00	132.57 7.50 0.00	131.03 7.18 0.00	141.41 8.38 0.00	178.14 10.87 -0.03	216.64 12.26 0.00	190.36 9.75 0.00	178.78 7.29 -9.53	149.88 5.67 -9.12	146.73 4.85 -17.59	138.34 4.55 -17.21	133.18 4.53 -15.40	149.02 5.45 -16.93	183.07 7.35 -19.31	197.13 11.14 -0.35	235.27 13.32 0.00	207.85 11.77 0.00	189.09 10.87 0.00	171.72 8.59 -1.03	163.88 6.64 -24.50	148.69 8.42 0.00	141.88 8.28 0.00
HUNTINGTON_RES_REC 323705	174.98 6.56 0.00	149.12 5.46 0.00	132.06 4.09 0.00	130.20 5.13 -0.01	129.18 5.32 -0.01	138.73 5.72 0.02	175.27 8.03 -0.01	213.58 9.21 0.00	190.35 9.75 0.00	178.48 8.26 -8.26	150.59 7.56 -7.95	163.66 7.08 -32.29	166.15 6.76 -42.81	162.98 6.79 -42.93	155.00 7.21 -21.15	181.92 8.75 -16.76	210.26 11.14 -13.48	250.66 11.53 -17.17	221.13 10.78 -14.26	216.27 10.33 -27.72	172.86 9.56 -1.19	170.69 7.96 -29.97	147.58 7.29 -0.01	137.29 6.28 2.59
HUNTLEY___63 23557	133.53 -19.37 15.52	115.24 -16.09 12.34	106.53 -13.44 7.99	105.16 -12.63 7.27	104.37 -12.38 7.09	103.71 -18.62 10.70	121.93 -28.93 16.37	150.45 -35.56 18.36	132.55 -30.34 17.71	119.60 -28.18 14.18	102.18 -21.21 11.70	94.45 -19.76 10.08	89.60 -18.07 8.91	87.18 -17.89 8.17	95.50 -20.90 10.25	114.85 -27.21 14.34	134.24 -32.30 19.10	167.98 -35.96 18.02	146.95 -30.98 18.15	130.46 -29.76 18.00	119.62 -26.91 15.57	101.52 -20.84 10.39	107.17 -21.04 12.06	105.45 -17.10 11.05
HUNTLEY___64 23558	133.53 -19.37 15.52	115.24 -16.09 12.34	106.53 -13.44 7.99	105.16 -12.63 7.27	104.37 -12.38 7.09	103.71 -18.62 10.70	121.93 -28.93 16.37	150.45 -35.56 18.36	132.55 -30.34 17.71	119.60 -28.18 14.18	102.18 -21.21 11.70	94.45 -19.76 10.08	89.60 -18.07 8.91	87.18 -17.89 8.17	95.50 -20.90 10.25	114.85 -27.21 14.34	134.24 -32.30 19.10	167.98 -35.96 18.02	146.95 -30.98 18.15	130.46 -29.76 18.00	119.62 -26.91 15.57	101.52 -20.84 10.39	107.17 -21.04 12.06	105.45 -17.10 11.05
HUNTLEY___65 23559	133.53 -19.37 15.52	115.24 -16.09 12.34	106.53 -13.44 7.99	105.16 -12.63 7.27	104.37 -12.38 7.09	103.71 -18.62 10.70	121.93 -28.93 16.37	150.45 -35.56 18.36	132.55 -30.34 17.71	119.60 -28.18 14.18	102.18 -21.21 11.70	94.45 -19.76 10.08	89.60 -18.07 8.91	87.18 -17.89 8.17	95.50 -20.90 10.25	114.85 -27.21 14.34	134.24 -32.30 19.10	167.98 -35.96 18.02	146.95 -30.98 18.15	130.46 -29.76 18.00	119.62 -26.91 15.57	101.52 -20.84 10.39	107.17 -21.04 12.06	105.45 -17.10 11.05
HUNTLEY___66 23560	133.53 -19.37 15.52	115.24 -16.09 12.34	106.53 -13.44 7.99	105.16 -12.63 7.27	104.37 -12.38 7.09	103.71 -18.62 10.70	121.93 -28.93 16.37	150.45 -35.56 18.36	132.55 -30.34 17.71	119.60 -28.18 14.18	102.18 -21.21 11.70	94.45 -19.76 10.08	89.60 -18.07 8.91	87.18 -17.89 8.17	95.50 -20.90 10.25	114.85 -27.21 14.34	134.24 -32.30 19.10	167.98 -35.96 18.02	146.95 -30.98 18.15	130.46 -29.76 18.00	119.62 -26.91 15.57	101.52 -20.84 10.39	107.17 -21.04 12.06	105.45 -17.10 11.05
HUNTLEY___67 23561	134.14 -18.69 15.58	115.62 -15.66 12.39	106.89 -13.05 8.03	105.26 -12.51 7.30	104.34 -12.38 7.12	104.33 -17.96 10.75	122.53 -28.26 16.44	152.04 -33.72 18.62	133.39 -29.08 18.14	121.00 -26.72 14.24	102.95 -20.40 11.74	95.16 -19.02 10.12	90.15 -17.49 8.94	87.72 -17.33 8.20	96.22 -20.14 10.28	116.21 -25.81 14.39	135.64 -30.82 19.18	169.90 -33.96 18.10	147.66 -30.20 18.23	131.99 -28.16 18.08	121.18 -25.29 15.64	102.42 -19.91 10.41	108.25 -19.92 12.11	106.07 -16.43 11.09
HUNTLEY___68 23562	134.14 -18.69 15.58	115.62 -15.66 12.39	106.89 -13.05 8.03	105.26 -12.51 7.30	104.34 -12.38 7.12	104.33 -17.96 10.75	122.53 -28.26 16.44	152.04 -33.72 18.62	133.39 -29.08 18.14	121.00 -26.72 14.24	102.95 -20.40 11.74	95.16 -19.02 10.12	90.15 -17.49 8.94	87.72 -17.33 8.20	96.22 -20.14 10.28	116.21 -25.81 14.39	135.64 -30.82 19.18	169.90 -33.96 18.10	147.66 -30.20 18.23	131.99 -28.16 18.08	121.18 -25.29 15.64	102.42 -19.91 10.41	108.25 -19.92 12.11	106.07 -16.43 11.09

HYLAND___LFGE 323620	134.84 -17.86 15.71	115.94 -15.23 12.49	106.95 -12.92 8.09	105.57 -12.13 7.36	104.28 -12.38 7.18	106.23 -15.97 10.84	127.20 -23.41 16.63	165.72 -24.74 13.92	147.01 -23.84 9.76	123.13 -24.46 14.37	102.97 -20.27 11.85	94.98 -19.14 10.18	89.54 -18.07 8.97	87.58 -17.44 8.23	96.54 -19.75 10.35	119.74 -22.21 14.45	143.78 -22.47 19.40	177.72 -25.97 18.26	154.55 -23.14 18.40	138.59 -21.39 18.24	127.36 -18.97 15.78	106.67 -15.67 10.42	111.78 -16.27 12.23	114.26 -8.15 11.19
INDECK___CORINTH 23802	181.38 12.97 0.00	154.44 10.78 0.00	136.92 8.95 0.00	134.07 9.01 0.00	132.64 8.79 0.00	143.28 10.24 0.00	180.71 13.38 -0.09	221.33 16.95 0.00	195.59 14.98 0.00	185.30 13.11 -10.22	155.42 10.54 -9.79	152.36 9.20 -18.87	143.32 8.28 -18.47	137.48 7.70 -16.52	153.93 9.12 -18.17	188.87 11.74 -20.73	200.31 14.30 -0.38	239.48 17.53 0.00	211.58 15.49 0.00	192.13 13.91 0.00	176.33 13.12 -1.10	169.23 10.22 -26.26	151.08 10.80 0.00	143.75 10.15 0.00
INDECK___ILION 23567	174.48 6.06 0.00	148.83 5.17 0.00	132.70 4.73 0.00	129.69 4.63 0.00	128.55 4.71 0.00	138.09 5.06 0.00	173.42 6.19 0.00	211.94 7.56 0.00	187.29 6.68 0.00	168.12 6.15 0.00	140.08 5.00 0.00	128.89 4.60 0.00	120.77 4.20 0.00	117.33 4.08 0.00	131.07 4.43 0.00	162.03 5.63 0.00	192.14 6.50 0.00	229.50 7.55 0.00	202.56 6.47 0.00	184.46 6.24 0.00	167.78 5.67 0.00	137.40 4.65 0.00	145.33 5.05 0.00	138.54 4.94 0.00
INDECK___OLEAN 23982	138.52 -13.98 15.91	118.94 -12.07 12.65	109.78 -9.98 8.20	107.85 -9.75 7.45	106.91 -9.66 7.27	108.22 -13.84 10.98	131.69 -18.73 16.82	165.23 -20.44 18.72	146.45 -16.07 18.08	130.93 -16.52 14.51	107.46 -15.67 11.96	98.62 -15.42 10.25	92.60 -14.92 9.05	90.34 -14.61 8.30	100.63 -15.58 10.43	124.73 -17.04 14.63	144.49 -21.53 19.62	179.49 -23.98 18.49	156.48 -20.98 18.63	141.40 -18.35 18.47	128.47 -17.67 15.97	107.50 -14.74 10.51	111.34 -16.55 12.38	108.51 -13.76 11.33
INDECK___OSWEGO 23783	168.96 -8.76 -9.31	143.59 -7.48 -7.41	126.24 -6.52 -4.80	123.05 -6.37 -4.36	121.92 -6.19 -4.26	132.53 -6.92 -6.42	167.89 -9.03 -9.69	204.31 -10.21 -10.14	180.88 -9.40 -9.67	161.76 -8.91 -8.70	134.74 -7.56 -7.21	123.86 -6.96 -6.52	115.77 -6.64 -5.83	112.24 -6.34 -5.33	126.27 -6.97 -6.60	157.07 -8.45 -9.11	187.30 -9.66 -11.32	221.67 -11.09 -10.81	197.18 -9.80 -10.89	179.75 -9.28 -10.80	163.04 -8.44 -9.37	132.87 -6.91 -7.02	140.21 -7.30 -7.23	133.15 -7.08 -6.63
INDECK___YERKES 23781	133.54 -19.36 15.52	115.09 -16.23 12.34	106.54 -13.43 7.99	105.17 -12.63 7.27	104.37 -12.38 7.09	103.58 -18.75 10.70	121.93 -28.93 16.37	153.73 -32.28 18.36	132.55 -30.34 17.71	119.44 -28.34 14.18	102.05 -21.34 11.70	94.44 -19.77 10.08	89.48 -18.18 8.91	87.07 -18.01 8.17	95.50 -20.90 10.25	114.84 -27.22 14.34	137.22 -29.32 19.10	168.42 -35.52 18.02	146.75 -31.18 18.15	130.28 -29.94 18.00	119.63 -26.91 15.57	101.52 -20.84 10.40	107.17 -21.04 12.06	105.85 -16.70 11.05
INDIAN POINT_GT_1 24139	174.48 6.06 0.00	148.26 4.60 0.00	131.80 3.84 0.00	128.44 3.38 0.00	127.32 3.47 0.00	137.29 4.26 0.00	174.27 7.02 -0.01	212.96 8.58 0.00	188.73 8.13 0.00	178.09 7.94 -8.18	149.54 6.62 -7.84	145.61 6.21 -15.11	137.31 5.95 -14.79	132.26 5.78 -13.23	147.39 6.21 -14.55	180.35 7.35 -16.60	195.22 9.28 -0.30	232.39 10.43 0.00	205.30 9.22 0.00	187.13 8.91 0.00	170.61 7.62 -0.88	160.04 6.24 -21.05	146.31 6.03 0.00	138.94 5.34 0.00
INDIAN POINT_GT_2 23659	174.48 6.06 0.00	148.26 4.60 0.00	131.80 3.84 0.00	128.44 3.38 0.00	127.32 3.47 0.00	137.29 4.26 0.00	174.27 7.02 -0.01	212.96 8.58 0.00	188.73 8.13 0.00	178.09 7.94 -8.18	149.54 6.62 -7.84	145.61 6.21 -15.11	137.31 5.95 -14.79	132.26 5.78 -13.23	147.39 6.21 -14.55	180.35 7.35 -16.60	195.22 9.28 -0.30	232.39 10.43 0.00	205.30 9.22 0.00	187.13 8.91 0.00	170.61 7.62 -0.88	160.04 6.24 -21.05	146.31 6.03 0.00	138.94 5.34 0.00
INDIAN POINT_GT_3 24019	174.48 6.06 0.00	148.26 4.60 0.00	131.80 3.84 0.00	128.44 3.38 0.00	127.32 3.47 0.00	137.29 4.26 0.00	174.27 7.02 -0.01	212.96 8.58 0.00	188.73 8.13 0.00	178.09 7.94 -8.18	149.54 6.62 -7.84	145.61 6.21 -15.11	137.31 5.95 -14.79	132.26 5.78 -13.23	147.39 6.21 -14.55	180.35 7.35 -16.60	195.22 9.28 -0.30	232.39 10.43 0.00	205.30 9.22 0.00	187.13 8.91 0.00	170.61 7.62 -0.88	160.04 6.24 -21.05	146.31 6.03 0.00	138.94 5.34 0.00
INDIAN POINT___2 23530	174.14 5.73 0.00	147.97 4.31 0.00	131.54 3.58 0.00	128.19 3.13 0.00	126.95 3.10 0.00	137.02 3.99 0.00	173.76 6.52 -0.01	211.95 7.57 0.00	188.19 7.58 0.00	177.67 7.61 -8.09	149.18 6.35 -7.74	145.19 5.97 -14.93	136.90 5.71 -14.61	131.87 5.55 -13.07	146.97 5.95 -14.37	179.85 7.04 -16.40	194.48 8.54 -0.30	231.71 9.75 0.00	204.71 8.62 0.00	186.60 8.38 0.00	170.28 7.30 -0.87	159.54 5.98 -20.81	146.03 5.75 0.00	138.54 4.95 0.00
INDIAN POINT___3 23531	174.31 5.89 0.00	147.97 4.31 0.00	131.67 3.71 0.00	128.31 3.25 0.00	127.07 3.22 0.00	137.16 4.12 0.00	173.93 6.69 -0.01	212.76 8.38 0.00	188.37 7.77 0.00	177.76 7.61 -8.19	149.27 6.35 -7.84	145.49 6.09 -15.11	137.20 5.83 -14.79	132.03 5.55 -13.23	147.14 5.95 -14.55	180.20 7.19 -16.60	195.04 9.10 -0.30	231.94 9.99 0.00	204.91 8.82 0.00	186.78 8.55 0.00	170.28 7.29 -0.88	159.78 5.97 -21.06	146.17 5.89 0.00	138.81 5.21 0.00
INGHAM_C_115KV_TB7 356103	181.38 12.97 0.00	155.01 11.35 0.00	138.33 10.37 0.00	135.32 10.26 0.00	134.13 10.28 0.00	143.94 10.91 0.00	180.28 13.04 0.00	220.12 15.74 0.00	194.51 13.91 0.00	174.92 12.96 0.00	145.62 10.54 0.00	133.99 9.69 0.00	125.67 9.09 0.00	121.97 8.72 0.00	136.26 9.62 0.00	168.29 11.89 0.00	199.19 13.55 0.00	237.94 15.98 0.00	210.21 14.12 0.00	191.23 13.01 0.00	173.94 11.83 0.00	142.58 9.82 0.00	151.22 10.94 0.00	144.29 10.69 0.00
IP CORINTH___1 23988	181.38 12.97 0.00	154.44 10.77 0.00	136.92 8.96 0.00	134.07 9.00 0.00	132.64 8.79 0.00	143.28 10.24 0.00	180.70 13.38 -0.09	221.55 17.17 0.00	195.59 14.99 0.00	185.31 13.12 -10.22	155.41 10.54 -9.79	152.36 9.20 -18.87	143.32 8.28 -18.47	137.48 7.70 -16.52	153.93 9.12 -18.17	188.87 11.73 -20.73	200.49 14.48 -0.38	239.49 17.53 0.00	211.58 15.49 0.00	192.12 13.90 0.00	176.34 13.13 -1.10	169.27 10.22 -26.29	151.22 10.94 0.00	143.75 10.15 0.00
IP___TICONDEROGA 23804	187.61 19.20 0.00	159.75 16.09 0.00	141.14 13.18 0.00	138.57 13.51 0.00	137.10 13.25 0.00	148.33 15.30 0.00	187.06 19.73 -0.09	230.13 25.75 0.00	202.82 22.21 0.00	191.13 18.95 -10.21	159.72 14.86 -9.78	156.07 12.93 -18.85	146.56 11.54 -18.45	140.63 10.87 -16.51	157.58 12.79 -18.15	194.00 16.89 -20.71	207.73 21.72 -0.37	248.59 26.63 0.00	219.62 23.53 0.00	199.25 21.03 0.00	182.50 19.29 -1.10	174.02 15.00 -26.26	156.13 15.85 0.00	148.43 14.83 0.00
ISLIP_RES_REC 323679	177.84 9.43 0.00	151.56 7.90 0.00	134.23 6.27 0.00	132.20 7.12 -0.01	131.29 7.43 -0.01	141.05 7.98 -0.03	178.11 10.86 -0.01	217.26 12.88 0.00	193.43 12.82 0.00	181.25 11.02 -8.26	153.17 10.14 -7.95	165.92 9.33 -32.30	168.26 8.86 -42.83	165.04 8.84 -42.95	157.41 9.62 -21.15	184.90 11.74 -16.76	217.54 14.10 -17.80	254.66 15.53 -17.18	224.87 14.51 -14.27	219.68 13.72 -27.73	201.00 12.31 -26.58	192.81 10.08 -49.97	149.96 9.67 -0.01	147.19 8.68 -4.91

JAMAICA__27_KV_LOAD 355505	175.15 6.74 0.00	148.26 4.60 0.00	131.80 3.84 0.00	128.19 3.13 0.00	127.07 3.22 0.00	137.42 4.39 0.00	174.94 7.69 -0.01	213.78 9.40 0.00	189.63 9.03 0.00	178.97 8.75 -8.26	150.83 7.84 -7.91	146.87 7.33 -15.25	138.49 6.99 -14.92	133.40 6.80 -13.35	148.54 7.22 -14.68	181.91 8.76 -16.75	197.45 11.51 -0.30	235.27 13.32 0.00	207.85 11.77 0.00	189.27 11.05 0.00	172.24 9.24 -0.89	161.17 7.17 -21.24	147.15 6.87 0.00	139.34 5.74 0.00
JANIS__SOLAR 323808	156.19 2.36 14.58	133.93 1.86 11.59	122.49 2.04 7.51	120.36 2.12 6.83	119.66 2.48 6.66	124.98 2.00 10.05	153.52 1.84 15.56	192.87 4.49 16.00	168.39 2.53 14.74	148.61 -0.65 12.71	122.69 -2.02 10.37	113.41 -2.74 8.15	106.31 -3.14 7.12	103.86 -2.83 6.56	116.25 -2.03 8.36	144.30 0.00 12.11	169.91 2.41 18.14	210.62 5.55 16.89	183.78 4.70 17.01	165.10 3.75 16.87	150.52 2.92 14.50	126.81 1.86 7.80	130.11 1.12 11.29	124.42 1.20 10.38
JARVIS____ 23743	169.26 0.85 0.00	144.24 0.58 0.00	128.48 0.51 0.00	125.56 0.50 0.00	124.35 0.50 0.00	133.57 0.53 0.00	168.08 0.84 0.00	205.20 0.82 0.00	181.51 0.91 0.00	162.94 0.98 0.00	135.77 0.68 0.00	124.92 0.62 0.00	117.16 0.59 0.00	113.82 0.57 0.00	127.28 0.64 0.00	157.19 0.79 0.00	186.38 0.75 0.00	222.85 0.89 0.00	196.88 0.79 0.00	178.94 0.72 0.00	162.76 0.65 0.00	133.29 0.53 0.00	140.98 0.70 0.00	134.27 0.67 0.00
JENNISON____1 23625	159.84 3.87 12.45	136.93 3.16 9.90	124.75 3.20 6.41	122.48 3.25 5.83	121.63 3.47 5.69	127.91 3.46 8.59	157.86 3.85 13.22	196.82 6.13 13.69	172.59 4.70 12.71	154.37 2.27 9.86	127.84 0.68 7.92	118.97 -0.12 5.19	111.66 -0.58 4.33	108.65 -0.57 4.04	121.71 0.51 5.44	150.84 2.82 8.38	175.27 5.01 15.38	215.51 7.99 14.44	188.01 6.47 14.54	169.68 5.88 14.42	154.66 4.86 12.30	131.70 3.19 4.24	133.00 2.38 9.66	127.41 2.67 8.86
JENNISON____2 23626	159.84 3.87 12.45	136.93 3.16 9.90	124.75 3.20 6.41	122.48 3.25 5.83	121.63 3.47 5.69	127.91 3.46 8.59	157.86 3.85 13.22	196.82 6.13 13.69	172.59 4.70 12.71	154.37 2.27 9.86	127.84 0.68 7.92	118.97 -0.12 5.19	111.66 -0.58 4.33	108.65 -0.57 4.04	121.71 0.51 5.44	150.84 2.82 8.38	175.27 5.01 15.38	215.51 7.99 14.44	188.01 6.47 14.54	169.68 5.88 14.42	154.66 4.86 12.30	131.70 3.19 4.24	133.00 2.38 9.66	127.41 2.67 8.86
JERICHO_RISE_WT_PWR 323719	170.27 1.86 0.00	145.95 2.29 0.00	130.39 2.43 0.00	127.81 2.75 0.00	126.57 2.72 0.00	135.96 2.92 0.00	170.75 3.52 0.00	208.46 4.09 0.00	183.86 3.25 0.00	164.40 2.43 0.00	137.12 2.03 0.00	126.40 2.11 0.00	118.56 1.98 0.00	115.29 2.04 0.00	128.92 2.28 0.00	159.37 2.96 0.00	188.79 3.15 0.00	225.95 4.00 0.00	199.03 2.95 0.00	180.37 2.15 0.00	164.06 1.95 0.00	134.08 1.33 0.00	141.68 1.40 0.00	135.07 1.47 0.00
KATONAH__115KV_46KV_TB4 355592	176.33 7.92 0.00	149.70 6.03 0.00	133.34 5.37 0.00	129.81 4.75 0.00	128.55 4.71 0.00	138.75 5.72 0.00	176.11 8.86 -0.01	215.21 10.83 0.00	190.72 10.11 0.00	179.88 9.56 -8.35	150.92 7.84 -8.00	147.05 7.33 -15.42	138.78 7.11 -15.09	133.55 6.80 -13.50	148.96 7.47 -14.85	182.26 8.92 -16.94	197.27 11.32 -0.31	235.27 13.32 0.00	207.46 11.37 0.00	189.09 10.87 0.00	172.41 9.40 -0.90	161.80 7.57 -21.49	147.85 7.58 0.00	140.28 6.68 0.00
KCE_NY_1 323755	178.86 10.45 0.00	152.28 8.62 0.00	135.25 7.29 0.00	132.31 7.25 0.00	130.90 7.06 0.00	141.15 8.12 0.00	178.04 10.71 -0.09	217.66 13.28 0.00	192.34 11.73 0.00	182.53 10.37 -10.19	153.23 8.38 -9.76	150.57 7.46 -18.82	141.75 6.76 -18.42	136.18 6.45 -16.48	152.35 7.60 -18.12	186.78 9.70 -20.67	197.91 11.89 -0.37	236.37 14.42 0.00	208.83 12.74 0.00	189.80 11.58 0.00	173.90 10.70 -1.10	167.43 8.50 -26.18	149.12 8.84 0.00	141.88 8.29 0.00
KCE_NY_6_ESR 323823	136.25 -16.50 15.66	117.41 -13.79 12.45	108.50 -11.39 8.07	106.72 -11.01 7.34	105.79 -10.90 7.16	106.13 -16.10 10.80	125.44 -25.26 16.54	158.29 -27.38 18.71	137.26 -25.10 18.25	124.17 -23.49 14.31	104.64 -18.64 11.80	96.62 -17.52 10.15	91.29 -16.32 8.97	88.94 -16.08 8.22	97.96 -18.36 10.32	119.27 -22.68 14.45	140.55 -25.80 19.30	174.02 -29.74 18.20	150.90 -26.86 18.33	135.45 -24.60 18.18	123.85 -22.53 15.72	104.52 -17.79 10.45	110.00 -18.10 12.18	107.75 -14.70 11.15
KEDC_PORT_JEFF_GT2 24210	176.66 8.25 0.00	150.56 6.90 0.00	133.34 5.37 0.00	131.32 6.25 -0.01	130.42 6.56 -0.01	140.12 7.05 -0.04	176.94 9.70 -0.01	215.61 11.23 0.00	191.99 11.38 0.00	180.11 9.88 -8.26	151.95 8.91 -7.94	164.70 8.33 -32.08	166.97 7.93 -42.46	163.74 7.92 -42.57	156.19 8.49 -21.07	183.49 10.32 -16.76	216.77 12.80 -18.33	251.34 12.42 -16.97	221.95 11.76 -14.10	216.86 11.23 -27.40	203.46 10.70 -30.66	194.99 9.15 -53.08	148.99 8.70 -0.01	147.49 7.75 -6.15
KEDC_PORT_JEFF_GT3 24211	176.66 8.25 0.00	150.56 6.90 0.00	133.34 5.37 0.00	131.32 6.25 -0.01	130.42 6.56 -0.01	140.12 7.05 -0.04	176.94 9.70 -0.01	215.61 11.23 0.00	191.99 11.38 0.00	180.11 9.88 -8.26	151.95 8.91 -7.94	164.70 8.33 -32.08	166.97 7.93 -42.46	163.74 7.92 -42.57	156.19 8.49 -21.07	183.49 10.32 -16.76	216.77 12.80 -18.33	251.34 12.42 -16.97	221.95 11.76 -14.10	216.86 11.23 -27.40	203.46 10.70 -30.66	194.99 9.15 -53.08	148.99 8.70 -0.01	147.49 7.75 -6.15
KEDC_GLWD_GT4 24219	176.33 7.92 0.00	149.98 6.31 0.00	133.21 5.25 0.00	130.21 5.13 -0.02	129.06 5.20 -0.02	139.16 6.12 0.00	176.27 9.02 -0.01	214.80 10.42 0.00	191.26 10.65 0.00	180.11 9.88 -8.26	151.44 8.38 -7.97	177.58 7.84 -45.45	188.39 7.47 -64.35	186.39 7.36 -65.78	160.63 7.85 -26.14	182.56 9.38 -16.77	222.67 11.33 -25.70	264.54 12.87 -29.72	232.34 11.57 -24.69	237.08 10.87 -47.98	188.56 9.73 -16.72	189.19 7.96 -48.47	148.14 7.85 -0.02	140.56 6.94 -0.02
KEDC_GLWD_GT5 24220	176.33 7.92 0.00	149.98 6.31 0.00	133.21 5.25 0.00	130.21 5.13 -0.02	129.06 5.20 -0.02	139.16 6.12 0.00	176.27 9.02 -0.01	214.80 10.42 0.00	191.26 10.65 0.00	180.11 9.88 -8.26	151.44 8.38 -7.97	177.58 7.84 -45.45	188.39 7.47 -64.35	186.39 7.36 -65.78	160.63 7.85 -26.14	182.56 9.38 -16.77	222.67 11.33 -25.70	264.54 12.87 -29.72	232.34 11.57 -24.69	237.08 10.87 -47.98	188.56 9.73 -16.72	189.19 7.96 -48.47	148.14 7.85 -0.02	140.56 6.94 -0.02
KENSICO____ 23655	174.98 6.57 0.00	148.69 5.03 0.00	132.19 4.22 0.00	128.81 3.75 0.00	127.56 3.72 0.00	137.69 4.66 0.00	174.77 7.53 -0.01	213.78 9.40 0.00	189.27 8.67 0.00	178.79 8.58 -8.24	150.14 7.16 -7.89	146.22 6.71 -15.22	137.88 6.41 -14.89	132.81 6.23 -13.33	148.00 6.71 -14.65	181.10 7.98 -16.72	195.97 10.02 -0.30	233.27 11.32 0.00	206.09 10.00 0.00	187.67 9.45 0.00	171.26 8.27 -0.89	160.59 6.64 -21.20	146.87 6.59 0.00	139.34 5.74 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	176.50 8.08 0.00	149.98 6.32 0.00	133.47 5.50 0.00	130.19 5.13 0.00	128.93 5.08 0.00	139.29 6.25 0.00	176.78 9.53 -0.01	217.25 12.88 0.00	191.80 11.20 0.00	180.18 10.20 -8.01	150.33 7.56 -7.67	145.92 6.84 -14.79	137.70 6.64 -14.48	132.66 6.46 -12.96	148.10 7.22 -14.24	180.84 8.29 -16.15	197.07 11.14 -0.29	234.61 12.65 0.00	207.07 10.98 0.00	188.91 10.69 0.00	172.04 9.08 -0.86	160.54 7.30 -20.48	147.43 7.15 0.00	139.88 6.28 0.00

KIAC_JFK_GT1 23816	174.14 5.73 0.00	147.40 3.74 0.00	131.03 3.07 0.00	127.44 2.38 0.00	126.33 2.48 0.00	136.62 3.59 0.00	173.93 6.69 -0.01	211.74 7.36 0.00	187.83 7.22 0.00	177.51 7.29 -8.26	150.02 7.02 -7.91	146.13 6.59 -15.25	137.79 6.30 -14.92	132.72 6.12 -13.35	147.90 6.59 -14.68	180.97 7.82 -16.75	196.34 10.40 -0.30	233.72 11.76 0.00	206.48 10.39 0.00	188.02 9.80 0.00	171.10 8.11 -0.89	160.37 6.37 -21.24	146.31 6.03 0.00	138.54 4.94 0.00
KIAC_JFK_GT2 23817	174.14 5.73 0.00	147.40 3.74 0.00	131.03 3.07 0.00	127.44 2.38 0.00	126.33 2.48 0.00	136.62 3.59 0.00	173.93 6.69 -0.01	211.74 7.36 0.00	187.83 7.22 0.00	177.51 7.29 -8.26	150.02 7.02 -7.91	146.13 6.59 -15.25	137.79 6.30 -14.92	132.72 6.12 -13.35	147.90 6.59 -14.68	180.97 7.82 -16.75	196.34 10.40 -0.30	233.72 11.76 0.00	206.48 10.39 0.00	188.02 9.80 0.00	171.10 8.11 -0.89	160.37 6.37 -21.24	146.31 6.03 0.00	138.54 4.94 0.00
KIAC_JFK____ 323774	174.14 5.73 0.00	147.39 3.73 0.00	131.03 3.07 0.00	127.43 2.37 0.00	126.32 2.48 0.00	136.63 3.59 0.00	173.94 6.70 -0.01	210.92 6.54 0.00	187.84 7.23 0.00	177.52 7.30 -8.26	150.02 7.02 -7.91	146.12 6.58 -15.25	137.79 6.29 -14.92	132.71 6.11 -13.35	147.90 6.58 -14.68	180.97 7.82 -16.75	195.59 9.65 -0.30	233.71 11.76 0.00	206.47 10.39 0.00	188.02 9.80 0.00	171.10 8.10 -0.89	160.37 6.37 -21.25	146.31 6.03 0.00	138.40 4.80 0.00
KINTIGH__24_KV_GSU 356498	134.90 -18.19 15.32	116.82 -14.66 12.18	107.79 -12.29 7.89	106.13 -11.76 7.18	105.20 -11.65 7.00	106.23 -16.23 10.57	124.84 -26.25 16.15	157.55 -28.81 18.02	135.77 -27.81 17.03	122.68 -25.26 14.02	105.02 -18.50 11.57	97.38 -16.90 10.01	92.22 -15.50 8.86	89.84 -15.29 8.12	98.36 -18.11 10.17	117.94 -24.24 14.22	140.44 -26.36 18.84	173.09 -31.08 17.79	149.73 -28.43 17.92	133.71 -26.74 17.77	122.90 -23.83 15.38	104.07 -18.32 10.36	110.41 -17.96 11.91	107.99 -14.70 10.91
KINTIGH____ 23543	134.90 -18.19 15.32	116.83 -14.65 12.18	107.79 -12.28 7.89	106.13 -11.76 7.18	105.20 -11.64 7.00	106.24 -16.23 10.57	124.67 -26.42 16.15	153.66 -32.70 18.02	135.58 -27.99 17.03	122.68 -25.27 14.02	105.01 -18.51 11.57	97.38 -16.90 10.01	92.22 -15.50 8.86	89.73 -15.40 8.12	98.36 -18.11 10.17	117.94 -24.24 14.22	137.47 -29.33 18.84	172.64 -31.52 17.79	149.93 -28.24 17.92	133.72 -26.73 17.77	123.06 -23.67 15.38	104.08 -18.32 10.35	110.27 -18.10 11.91	107.59 -15.10 10.91
KNTFSRNC_46_KV_46KV_LOAD 80397	172.96 4.55 0.00	148.26 4.60 0.00	132.44 4.48 0.00	129.94 4.88 0.00	128.68 4.83 0.00	138.35 5.32 0.00	173.76 6.52 0.00	212.15 7.77 0.00	187.29 6.68 0.00	167.15 5.18 0.00	139.14 4.05 0.00	128.27 3.98 0.00	120.31 3.73 0.00	116.99 3.74 0.00	130.95 4.31 0.00	162.03 5.63 0.00	191.95 6.31 0.00	230.39 8.43 0.00	202.95 6.86 0.00	183.75 5.52 0.00	167.13 5.03 0.00	136.47 3.72 0.00	144.07 3.79 0.00	137.34 3.74 0.00
LACHUTE____HYDRO 323717	187.61 19.19 0.00	159.75 16.09 0.00	141.15 13.18 0.00	138.57 13.51 0.00	137.11 13.26 0.00	148.33 15.29 0.00	187.05 19.72 -0.09	229.92 25.54 0.00	202.81 22.21 0.00	191.12 18.94 -10.21	159.72 14.86 -9.78	156.07 12.93 -18.85	146.57 11.54 -18.45	140.63 10.87 -16.51	157.57 12.79 -18.15	194.01 16.90 -20.71	207.72 21.71 -0.37	248.58 26.62 0.00	219.61 23.52 0.00	199.24 21.02 0.00	182.49 19.28 -1.10	173.97 15.00 -26.22	155.99 15.71 0.00	148.43 14.83 0.00
LAWRNCALV_115KV_TB1 80681	171.28 2.86 0.00	146.97 3.30 0.00	131.03 3.07 0.00	128.31 3.25 0.00	126.94 3.10 0.00	136.23 3.19 0.00	170.08 2.84 0.00	207.85 3.47 0.00	183.31 2.71 0.00	163.75 1.78 0.00	135.90 0.81 0.00	125.16 0.87 0.00	117.28 0.70 0.00	113.70 0.45 0.00	127.02 0.38 0.00	157.03 0.63 0.00	186.38 0.74 0.00	223.51 1.55 0.00	197.07 0.98 0.00	178.93 0.71 0.00	162.59 0.49 0.00	132.88 0.13 0.00	141.12 0.84 0.00	134.93 1.34 0.00
LEDERLE____ 23769	174.65 6.23 0.00	148.26 4.60 0.00	131.93 3.97 0.00	128.56 3.50 0.00	127.32 3.47 0.00	137.42 4.39 0.00	174.43 7.19 -0.01	213.17 8.79 0.00	188.73 8.13 0.00	177.92 7.94 -8.01	149.38 6.62 -7.67	145.30 6.21 -14.79	137.00 5.95 -14.48	131.98 5.78 -12.95	147.09 6.21 -14.24	180.16 7.51 -16.25	195.40 9.47 -0.29	232.61 10.65 0.00	205.30 9.22 0.00	187.13 8.91 0.00	170.59 7.62 -0.86	159.60 6.24 -20.61	146.31 6.03 0.00	138.94 5.34 0.00
LIGHTHSE_115KV_TB6 355974	164.20 -4.21 0.00	139.93 -3.74 0.00	124.89 -3.07 0.00	122.19 -2.88 0.00	121.12 -2.72 0.00	129.84 -3.19 0.00	162.72 -4.52 0.00	199.68 -4.70 0.00	176.27 -4.33 0.00	157.27 -4.70 0.00	130.63 -4.46 0.00	120.07 -4.23 0.00	112.50 -4.08 0.00	109.29 -3.96 0.00	122.46 -4.18 0.00	151.87 -4.54 0.00	180.44 -5.20 0.00	216.85 -5.10 0.00	191.38 -4.71 0.00	173.59 -4.63 0.00	157.73 -4.38 0.00	128.90 -3.85 0.00	136.35 -3.93 0.00	129.99 -3.61 0.00
LINDEN COGEN____ 23786	174.30 5.89 0.01	147.83 4.17 0.00	131.54 3.58 0.00	127.94 2.88 0.00	126.82 2.97 0.00	137.02 3.99 0.00	174.10 6.86 -0.01	212.56 8.18 0.00	189.09 8.49 0.00	178.48 8.26 -8.26	149.88 6.89 -7.91	146.00 6.46 -15.25	137.79 6.29 -14.92	132.71 6.11 -13.35	147.77 6.46 -14.68	180.82 7.66 -16.75	195.22 9.28 -0.30	232.83 10.87 0.00	205.69 9.61 0.00	187.31 9.08 0.00	170.62 7.62 -0.89	160.24 6.24 -21.25	146.31 6.03 0.00	138.54 4.95 0.00
LINDHRST_69_KV_BK1 356055	178.18 9.77 0.00	151.85 8.19 0.00	134.49 6.53 0.00	132.20 7.13 -0.01	131.17 7.31 -0.01	140.88 7.85 0.00	178.28 11.04 -0.01	218.07 13.69 0.00	193.61 13.00 0.00	181.56 11.34 -8.26	153.03 10.00 -7.95	168.94 9.32 -35.32	173.32 8.98 -47.77	170.17 8.72 -48.20	158.43 9.50 -22.30	184.59 11.42 -16.76	217.36 14.29 -17.43	258.19 16.42 -19.82	227.46 14.90 -16.46	224.30 14.08 -32.00	186.55 11.83 -12.61	182.80 9.69 -40.36	150.25 9.96 -0.01	142.62 8.68 -0.34
LIPA_MISC_IPP 23656	176.67 8.25 0.00	150.56 6.90 0.00	133.34 5.37 0.00	131.32 6.25 -0.01	130.42 6.56 -0.01	140.39 7.32 -0.04	177.28 10.03 -0.01	216.64 12.26 0.00	192.34 11.74 0.00	180.27 10.04 -8.26	152.22 9.19 -7.94	164.71 8.45 -31.97	167.14 8.28 -42.28	163.66 8.04 -42.37	156.40 8.74 -21.02	183.80 10.64 -16.76	217.01 13.37 -18.00	252.58 13.76 -16.86	223.43 13.33 -14.01	218.11 12.65 -27.23	202.96 11.67 -29.19	194.18 9.56 -51.87	149.12 8.84 -0.01	147.74 8.42 -5.73
LISF____SOLAR 323691	177.00 8.58 0.00	150.84 7.18 0.00	133.59 5.62 0.00	131.57 6.50 -0.01	130.66 6.81 -0.01	140.65 7.58 -0.04	177.62 10.37 -0.01	216.43 12.06 0.00	192.71 12.10 0.00	180.60 10.37 -8.26	152.48 9.45 -7.94	165.00 8.70 -32.01	167.32 8.40 -42.35	163.96 8.26 -42.44	156.67 8.99 -21.04	184.11 10.94 -16.76	217.58 13.93 -18.01	253.07 14.22 -16.90	224.06 13.92 -14.04	218.70 13.19 -27.29	203.17 12.00 -29.07	194.37 9.82 -51.80	149.40 9.11 -0.01	147.57 8.29 -5.69
LITTLE FALLS____HYD 24013	181.38 12.97 0.00	155.01 11.35 0.00	138.33 10.37 0.00	135.32 10.26 0.00	134.13 10.28 0.00	143.94 10.91 0.00	180.28 13.04 0.00	220.12 15.74 0.00	194.51 13.91 0.00	174.92 12.96 0.00	145.62 10.54 0.00	133.99 9.69 0.00	125.67 9.09 0.00	121.97 8.72 0.00	136.26 9.62 0.00	168.29 11.89 0.00	199.19 13.55 0.00	237.94 15.98 0.00	210.21 14.12 0.00	191.23 13.01 0.00	173.94 11.83 0.00	142.58 9.82 0.00	151.22 10.94 0.00	144.29 10.69 0.00

LITTLRIV_115KV_TB1 356100	173.47 5.05 0.00	148.69 5.03 0.00	132.70 4.73 0.00	129.94 4.88 0.00	128.68 4.83 0.00	138.09 5.06 0.00	172.59 5.35 0.00	210.92 6.54 0.00	185.84 5.24 0.00	165.69 3.73 0.00	137.25 2.16 0.00	126.28 1.99 0.00	118.33 1.75 0.00	114.72 1.47 0.00	128.29 1.65 0.00	158.91 2.50 0.00	188.98 3.34 0.00	226.84 4.88 0.00	199.81 3.73 0.00	181.43 3.21 0.00	164.86 2.76 0.00	134.74 1.99 0.00	143.08 2.81 0.00	136.81 3.21 0.00
LI_NEWBRDGE___DRP 323616	174.98 6.57 0.00	148.98 5.32 0.00	132.19 4.22 0.00	129.57 4.50 -0.01	128.44 4.58 -0.01	138.35 5.32 0.00	174.94 7.69 -0.01	213.78 9.40 0.00	190.00 9.39 0.00	178.65 8.42 -8.26	150.05 7.02 -7.94	161.53 6.59 -30.65	163.11 6.41 -40.12	159.56 6.23 -40.08	153.75 6.59 -20.52	181.14 7.98 -16.76	208.95 9.65 -13.66	248.01 10.43 -15.63	218.48 9.41 -12.98	212.54 9.09 -25.23	179.55 8.27 -9.18	175.02 6.77 -35.49	147.02 6.73 -0.01	139.75 6.15 -0.01
LOCKPORT_115KV_TB60_63_64 80432	131.80 -21.22 15.39	113.75 -17.67 12.24	105.19 -14.84 7.93	103.72 -14.13 7.21	102.69 -14.12 7.04	102.73 -19.69 10.62	119.90 -31.11 16.23	148.53 -37.81 18.04	130.88 -32.51 17.21	118.41 -29.48 14.08	101.46 -22.02 11.61	93.89 -20.38 10.02	88.95 -18.77 8.86	86.55 -18.57 8.12	94.80 -21.66 10.18	113.85 -28.31 14.25	132.74 -33.97 18.93	166.79 -37.29 17.88	144.75 -33.34 18.01	129.36 -31.01 17.86	118.94 -27.72 15.45	100.65 -21.77 10.33	106.71 -21.60 11.96	104.47 -18.17 10.96
LOCKPORT___CC1 323769	131.27 -21.72 15.42	113.30 -18.11 12.26	104.92 -15.10 7.94	103.34 -14.51 7.22	102.44 -14.36 7.05	102.44 -19.96 10.63	119.54 -31.44 16.26	151.26 -34.95 18.17	128.90 -33.05 18.65	117.91 -29.96 14.10	101.04 -22.42 11.63	93.50 -20.76 10.03	88.59 -19.12 8.87	86.20 -18.91 8.13	94.41 -22.04 10.19	113.36 -28.78 14.26	134.69 -31.93 19.03	166.77 -37.28 17.90	144.13 -33.92 18.03	128.79 -31.55 17.88	118.42 -28.21 15.47	100.36 -22.03 10.35	106.27 -22.02 11.98	104.58 -18.04 10.98
LOCKPORT___CC2 323770	131.27 -21.72 15.42	113.30 -18.11 12.26	104.92 -15.10 7.94	103.34 -14.51 7.22	102.44 -14.36 7.05	102.44 -19.96 10.63	119.54 -31.44 16.26	151.26 -34.95 18.17	128.90 -33.05 18.65	117.91 -29.96 14.10	101.04 -22.42 11.63	93.50 -20.76 10.03	88.59 -19.12 8.87	86.20 -18.91 8.13	94.41 -22.04 10.19	113.36 -28.78 14.26	134.69 -31.93 19.03	166.77 -37.28 17.90	144.13 -33.92 18.03	128.79 -31.55 17.88	118.42 -28.21 15.47	100.36 -22.03 10.35	106.27 -22.02 11.98	104.58 -18.04 10.98
LOCKPORT___CC3 323771	131.27 -21.72 15.42	113.30 -18.11 12.26	104.92 -15.10 7.94	103.34 -14.51 7.22	102.44 -14.36 7.05	102.44 -19.96 10.63	119.54 -31.44 16.26	151.26 -34.95 18.17	128.90 -33.05 18.65	117.91 -29.96 14.10	101.04 -22.42 11.63	93.50 -20.76 10.03	88.59 -19.12 8.87	86.20 -18.91 8.13	94.41 -22.04 10.19	113.36 -28.78 14.26	134.69 -31.93 19.03	166.77 -37.28 17.90	144.13 -33.92 18.03	128.79 -31.55 17.88	118.42 -28.21 15.47	100.36 -22.03 10.35	106.27 -22.02 11.98	104.58 -18.04 10.98
LOCUSVLY_69_KV_BK2 55797	176.67 8.25 0.00	150.41 6.75 0.00	133.47 5.50 0.00	130.70 5.63 -0.01	129.44 5.57 -0.01	139.55 6.52 0.00	176.61 9.37 -0.01	216.03 11.65 0.00	191.80 11.20 0.00	180.43 10.20 -8.26	151.83 8.78 -7.96	174.50 8.20 -42.01	183.22 7.93 -58.71	180.75 7.70 -59.80	159.70 8.23 -24.83	183.03 9.85 -16.77	220.70 12.25 -22.81	261.82 13.54 -26.33	230.12 12.16 -21.88	232.32 11.58 -42.51	187.24 10.21 -14.92	186.48 8.36 -45.36	148.57 8.28 -0.01	141.09 7.48 -0.01
LONG_LAKE_PHOENIX 24014	164.42 -6.90 -2.92	140.09 -5.89 -2.32	124.35 -5.12 -1.50	121.42 -5.00 -1.37	120.35 -4.83 -1.33	129.59 -5.45 -2.01	163.05 -7.19 -3.00	199.55 -7.97 -3.14	176.38 -7.22 -3.00	157.63 -7.13 -2.79	131.47 -5.94 -2.33	120.90 -5.59 -2.20	113.31 -5.25 -1.98	110.08 -4.98 -1.81	123.41 -5.45 -2.22	152.86 -6.57 -3.02	181.54 -7.61 -3.51	217.13 -8.21 -3.38	192.24 -7.26 -3.41	174.47 -7.13 -3.38	158.57 -6.48 -2.94	129.89 -5.31 -2.45	136.93 -5.61 -2.26	130.06 -5.61 -2.08
LOVETT___3 23632	173.97 5.56 0.00	147.68 4.02 0.00	131.42 3.46 0.00	128.06 3.00 0.00	126.82 2.97 0.00	136.89 3.86 0.00	173.60 6.35 -0.01	212.35 7.97 0.00	188.01 7.40 0.00	177.31 7.29 -8.06	148.88 6.08 -7.72	145.01 5.84 -14.88	136.74 5.60 -14.56	131.72 5.44 -13.03	146.79 5.83 -14.33	179.63 6.88 -16.35	194.66 8.73 -0.30	231.50 9.54 0.00	204.52 8.43 0.00	186.42 8.20 0.00	169.94 6.97 -0.87	159.20 5.71 -20.73	145.75 5.47 0.00	138.41 4.81 0.00
LOVETT___4 23642	173.97 5.56 0.00	147.68 4.02 0.00	131.42 3.46 0.00	128.06 3.00 0.00	126.82 2.97 0.00	136.89 3.86 0.00	173.60 6.35 -0.01	212.35 7.97 0.00	188.01 7.40 0.00	177.31 7.29 -8.06	148.88 6.08 -7.72	145.01 5.84 -14.88	136.74 5.60 -14.56	131.72 5.44 -13.03	146.79 5.83 -14.33	179.63 6.88 -16.35	194.66 8.73 -0.30	231.50 9.54 0.00	204.52 8.43 0.00	186.42 8.20 0.00	169.94 6.97 -0.87	159.20 5.71 -20.73	145.75 5.47 0.00	138.41 4.81 0.00
LOVETT___5 23593	173.97 5.56 0.00	147.68 4.02 0.00	131.42 3.46 0.00	128.06 3.00 0.00	126.82 2.97 0.00	136.89 3.86 0.00	173.60 6.35 -0.01	212.35 7.97 0.00	188.01 7.40 0.00	177.31 7.29 -8.06	148.88 6.08 -7.72	145.01 5.84 -14.88	136.74 5.60 -14.56	131.72 5.44 -13.03	146.79 5.83 -14.33	179.63 6.88 -16.35	194.66 8.73 -0.30	231.50 9.54 0.00	204.52 8.43 0.00	186.42 8.20 0.00	169.94 6.97 -0.87	159.20 5.71 -20.73	145.75 5.47 0.00	138.41 4.81 0.00
LOWER RAQUET___HYD 24057	171.10 2.69 0.00	146.82 3.16 0.00	131.03 3.07 0.00	128.31 3.25 0.00	126.95 3.10 0.00	136.22 3.19 0.00	169.90 2.67 0.00	207.64 3.26 0.00	183.13 2.53 0.00	163.42 1.45 0.00	135.63 0.54 0.00	124.92 0.62 0.00	117.05 0.47 0.00	113.36 0.11 0.00	126.51 -0.13 0.00	156.40 0.00 0.00	185.83 0.19 0.00	222.85 0.89 0.00	196.28 0.20 0.00	178.22 0.00 0.00	162.11 0.00 0.00	132.35 -0.40 0.00	140.84 0.56 0.00	134.66 1.06 0.00
LOWER___HUDSON 24059	176.33 7.92 0.00	150.13 6.47 0.00	133.34 5.37 0.00	130.31 5.25 0.00	129.05 5.20 0.00	139.02 5.99 0.00	175.50 8.19 -0.07	213.79 9.41 0.00	189.27 8.67 0.00	179.92 7.93 -10.02	151.30 6.62 -9.60	148.76 5.97 -18.50	140.16 5.48 -18.10	134.77 5.32 -16.20	150.40 5.95 -17.81	184.23 7.51 -20.32	194.92 8.91 -0.37	233.05 11.09 0.00	206.08 10.00 0.00	187.48 9.26 0.00	171.61 8.42 -1.08	165.22 6.77 -25.70	147.29 7.01 0.00	140.28 6.68 0.00
LOWVILLE_115KV_TB2 356335	173.80 5.39 0.00	148.11 4.45 0.00	132.06 4.09 0.00	129.19 4.13 0.00	127.81 3.96 0.00	137.69 4.66 0.00	172.76 5.52 0.00	211.94 7.56 0.00	186.56 5.96 0.00	165.85 3.89 0.00	136.03 0.95 0.00	125.04 0.75 0.00	116.93 0.35 0.00	113.48 0.23 0.00	127.40 0.76 0.00	158.75 2.35 0.00	189.17 3.53 0.00	227.28 5.33 0.00	199.81 3.73 0.00	181.96 3.74 0.00	164.86 2.76 0.00	134.48 1.73 0.00	142.38 2.10 0.00	135.60 2.00 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	178.86 10.44 0.00	152.28 8.62 0.00	135.13 7.17 0.00	132.19 7.13 0.00	130.91 7.06 0.00	141.01 7.98 0.00	177.86 10.54 -0.09	217.66 13.28 0.00	192.16 11.56 0.00	182.36 10.20 -10.19	153.09 8.24 -9.76	150.44 7.33 -18.82	141.64 6.64 -18.42	136.18 6.46 -16.48	152.23 7.47 -18.12	186.62 9.54 -20.67	197.89 11.88 -0.37	236.16 14.21 0.00	208.64 12.55 0.00	189.81 11.58 0.00	173.74 10.54 -1.10	167.34 8.36 -26.22	149.12 8.84 0.00	141.88 8.28 0.00

LUTHERNY_35_KV_BK2 355980	178.86 10.44 0.00	152.28 8.62 0.00	135.26 7.29 0.00	132.32 7.25 0.00	130.91 7.06 0.00	141.15 8.11 0.00	178.03 10.70 -0.09	217.87 13.49 0.00	192.34 11.74 0.00	182.52 10.37 -10.19	153.22 8.38 -9.76	150.57 7.46 -18.82	141.75 6.76 -18.42	136.18 6.46 -16.48	152.36 7.60 -18.12	186.77 9.70 -20.67	198.08 12.07 -0.37	236.38 14.43 0.00	208.83 12.75 0.00	189.81 11.58 0.00	173.90 10.70 -1.10	167.47 8.50 -26.22	149.12 8.84 0.00	142.02 8.42 0.00
LWR___OSWEGATCHIE_HYD 23850	170.94 2.53 0.00	146.10 2.44 0.00	130.40 2.43 0.00	127.69 2.63 0.00	126.33 2.48 0.00	135.83 2.79 0.00	169.41 2.17 0.00	207.44 3.07 0.00	182.59 1.99 0.00	162.78 0.81 0.00	134.28 -0.81 0.00	123.92 -0.37 0.00	115.99 -0.58 0.00	112.46 -0.79 0.00	125.88 -0.76 0.00	156.09 -0.31 0.00	185.45 -0.19 0.00	222.40 0.44 0.00	195.89 -0.20 0.00	178.04 -0.18 0.00	161.62 -0.49 0.00	131.96 -0.80 0.00	140.56 0.28 0.00	134.13 0.53 0.00
LYONS_FALL_HYD 23570	174.65 6.23 0.00	148.69 5.03 0.00	132.56 4.60 0.00	129.69 4.63 0.00	128.30 4.45 0.00	138.36 5.33 0.00	173.75 6.52 0.00	213.16 8.78 0.00	187.84 7.23 0.00	167.30 5.34 0.00	137.65 2.56 0.00	126.53 2.24 0.00	118.44 1.86 0.00	114.83 1.58 0.00	128.92 2.28 0.00	160.46 4.06 0.00	191.40 5.76 0.00	229.51 7.55 0.00	201.97 5.88 0.00	183.92 5.70 0.00	166.81 4.70 0.00	136.07 3.32 0.00	143.79 3.51 0.00	136.94 3.34 0.00
MADISON___COUNTY_LFGE 323628	158.25 -0.84 9.32	135.39 -0.86 7.41	122.65 -0.51 4.80	120.32 -0.38 4.37	119.34 -0.25 4.26	126.47 -0.13 6.43	159.54 1.17 8.86	196.94 1.84 9.28	173.20 1.44 8.84	154.95 0.81 7.83	128.75 0.14 6.48	118.43 -0.12 5.73	111.24 -0.23 5.10	108.35 -0.23 4.67	120.83 0.00 5.81	148.95 0.63 8.08	176.03 0.74 10.35	210.91 -0.22 10.82	184.80 -0.39 10.90	166.88 -0.53 10.81	152.09 -0.65 9.37	125.28 -0.80 6.68	131.92 -1.12 7.24	125.89 -1.07 6.64
MALONE___115KV_TB1 356076	172.79 4.38 0.00	148.11 4.45 0.00	132.31 4.35 0.00	129.81 4.75 0.00	128.55 4.71 0.00	138.09 5.06 0.00	173.42 6.19 0.00	211.94 7.56 0.00	186.93 6.32 0.00	166.83 4.86 0.00	138.73 3.65 0.00	127.90 3.60 0.00	119.84 3.26 0.00	116.42 3.17 0.00	130.19 3.55 0.00	161.10 4.69 0.00	191.02 5.38 0.00	229.50 7.55 0.00	202.17 6.08 0.00	183.03 4.81 0.00	166.32 4.21 0.00	135.81 3.05 0.00	143.50 3.23 0.00	136.94 3.34 0.00
MAPLEWOD_115KV_TB3 80458	176.16 7.75 0.00	149.98 6.32 0.00	133.34 5.37 0.00	130.31 5.25 0.00	129.05 5.20 0.00	139.02 5.99 0.00	175.32 8.03 -0.05	213.17 8.79 0.00	188.37 7.77 0.00	179.20 7.29 -9.95	151.09 6.48 -9.52	148.49 5.84 -18.36	139.91 5.36 -17.97	134.54 5.21 -16.08	150.27 5.95 -17.68	183.93 7.35 -20.17	194.73 8.73 -0.37	231.94 9.99 0.00	205.11 9.02 0.00	186.60 8.38 0.00	170.96 7.78 -1.07	164.58 6.24 -25.58	147.15 6.87 0.00	140.15 6.55 0.00
MAPLE_RIDGE_WT_1 323574	168.75 0.34 0.00	144.09 0.43 0.00	128.35 0.39 0.00	125.31 0.25 0.00	123.72 -0.12 0.00	132.50 -0.53 0.00	166.07 -1.16 0.00	202.34 -2.04 0.00	178.62 -1.98 0.00	160.35 -1.62 0.00	133.74 -1.35 0.00	123.05 -1.24 0.00	115.41 -1.17 0.00	112.12 -1.13 0.00	125.37 -1.27 0.00	154.69 -1.72 0.00	183.22 -2.42 0.00	218.63 -3.32 0.00	192.75 -3.33 0.00	175.02 -3.20 0.00	159.19 -2.91 0.00	130.49 -2.26 0.00	137.89 -2.39 0.00	131.33 -2.27 0.00
MAPLE_RIDGE_WT_2 323611	168.75 0.34 0.00	144.09 0.43 0.00	128.35 0.39 0.00	125.31 0.25 0.00	123.72 -0.12 0.00	132.50 -0.53 0.00	166.07 -1.16 0.00	202.34 -2.04 0.00	178.62 -1.98 0.00	160.35 -1.62 0.00	133.74 -1.35 0.00	123.05 -1.24 0.00	115.41 -1.17 0.00	112.12 -1.13 0.00	125.37 -1.27 0.00	154.69 -1.72 0.00	183.22 -2.42 0.00	218.63 -3.32 0.00	192.75 -3.33 0.00	175.02 -3.20 0.00	159.19 -2.91 0.00	130.49 -2.26 0.00	137.89 -2.39 0.00	131.33 -2.27 0.00
MARBLE_RIVER_WT_PWR 323696	170.27 1.86 0.00	145.95 2.29 0.00	130.27 2.31 0.00	127.69 2.63 0.00	126.45 2.60 0.00	135.96 2.92 0.00	170.58 3.34 0.00	208.25 3.87 0.00	183.86 3.25 0.00	164.40 2.43 0.00	136.98 1.89 0.00	126.27 1.98 0.00	118.44 1.86 0.00	115.17 1.92 0.00	128.92 2.28 0.00	159.22 2.82 0.00	188.60 2.96 0.00	225.72 3.77 0.00	199.03 2.95 0.00	180.37 2.15 0.00	164.06 1.95 0.00	134.08 1.33 0.00	141.68 1.40 0.00	135.07 1.47 0.00
MARSHVLE_115KV_TB1 80742	170.91 4.55 2.05	145.48 3.45 1.63	129.21 2.30 1.06	126.73 2.63 0.96	125.64 2.72 0.94	135.74 4.12 1.41	170.67 5.52 2.09	209.66 7.56 2.28	182.60 4.15 2.16	173.88 2.27 -9.65	145.39 0.81 -9.49	144.36 0.12 -19.94	135.99 -0.23 -19.64	130.57 -0.23 -17.55	146.40 0.63 -19.13	181.48 3.60 -21.47	189.66 6.13 2.11	227.34 7.77 2.38	200.56 6.86 2.40	182.08 6.24 2.38	166.64 5.35 0.81	164.61 3.58 -28.27	142.75 4.07 1.59	135.61 3.47 1.46
MARSH_HILL_WT_PWR 323713	141.51 -10.60 16.30	121.79 -8.91 12.96	112.28 -7.29 8.40	110.17 -7.26 7.64	108.72 -7.68 7.45	109.55 -12.24 11.24	131.18 -18.73 17.33	168.87 -21.67 13.84	151.76 -20.05 8.79	125.53 -21.54 14.89	104.57 -18.24 12.27	96.93 -16.90 10.46	91.65 -15.74 9.18	89.87 -14.95 8.43	98.65 -17.35 10.64	125.42 -16.11 14.88	147.80 -17.64 20.20	183.90 -19.09 18.96	159.93 -17.06 19.10	142.89 -16.39 18.94	130.48 -15.24 16.38	109.50 -12.61 10.64	114.25 -13.33 12.70	112.24 -9.75 11.61
MCINTYRE_115KV_TB2 80467	174.65 6.23 0.00	149.70 6.03 0.00	133.47 5.50 0.00	130.81 5.75 0.00	129.55 5.70 0.00	139.15 6.12 0.00	174.26 7.02 0.00	212.96 8.58 0.00	187.47 6.86 0.00	166.99 5.02 0.00	138.33 3.24 0.00	127.27 2.98 0.00	119.14 2.56 0.00	115.63 2.38 0.00	129.43 2.79 0.00	160.63 4.22 0.00	191.39 5.75 0.00	229.50 7.55 0.00	202.36 6.27 0.00	183.75 5.52 0.00	166.97 4.86 0.00	136.47 3.72 0.00	144.49 4.21 0.00	138.01 4.41 0.00
MECO_____69_KV_BK1 80468	179.02 10.61 0.00	152.42 8.76 0.00	134.87 6.91 0.00	132.19 7.13 0.00	130.91 7.06 0.00	141.81 8.78 0.00	178.86 11.54 -0.08	219.50 15.12 0.00	191.80 11.20 0.00	181.06 7.94 -11.16	151.17 5.40 -10.68	148.99 4.10 -20.60	140.23 3.50 -20.16	134.80 3.51 -18.04	151.66 5.19 -19.83	188.10 9.07 -22.63	198.86 12.81 -0.41	237.71 15.76 0.00	210.21 14.12 0.00	190.88 12.65 0.00	174.66 11.35 -1.20	169.95 8.50 -28.70	149.12 8.84 0.00	141.61 8.02 0.00
MENANDS___115KV_TB5 355628	175.82 7.41 0.00	149.70 6.03 0.00	133.08 5.12 0.00	129.94 4.88 0.00	128.68 4.83 0.00	138.62 5.59 0.00	174.81 7.53 -0.05	212.15 7.77 0.00	187.47 6.86 0.00	178.54 6.64 -9.93	150.54 5.94 -9.51	148.09 5.47 -18.33	139.53 5.01 -17.94	134.17 4.87 -16.05	149.74 5.45 -17.65	183.27 6.73 -20.14	193.80 7.80 -0.36	231.05 9.10 0.00	204.13 8.04 0.00	185.89 7.66 0.00	170.31 7.13 -1.07	164.01 5.71 -25.55	146.73 6.45 0.00	139.74 6.15 0.00
MG INDUSTRY___DRP 24185	175.32 6.90 0.00	149.26 5.60 0.00	132.70 4.73 0.00	129.69 4.63 0.00	128.43 4.58 0.00	138.22 5.19 0.00	173.96 6.69 -0.03	211.74 7.36 0.00	186.74 6.14 0.00	177.22 5.51 -9.75	149.15 4.73 -9.34	146.52 4.23 -18.00	138.16 3.96 -17.61	132.86 3.85 -15.76	148.53 4.56 -17.33	181.96 5.79 -19.77	193.05 7.05 -0.36	230.17 8.21 0.00	203.34 7.26 0.00	184.99 6.77 0.00	169.32 6.16 -1.05	162.87 5.04 -25.08	146.03 5.75 0.00	139.21 5.61 0.00

MID___OSWEGATCHIE_HYD 23849	170.94 2.53 0.00	146.10 2.44 0.00	130.40 2.43 0.00	127.69 2.63 0.00	126.33 2.48 0.00	135.83 2.79 0.00	169.41 2.17 0.00	207.44 3.07 0.00	182.59 1.99 0.00	162.78 0.81 0.00	134.28 -0.81 0.00	123.92 -0.37 0.00	115.99 -0.58 0.00	112.46 -0.79 0.00	125.88 -0.76 0.00	156.09 -0.31 0.00	185.45 -0.19 0.00	222.40 0.44 0.00	195.89 -0.20 0.00	178.04 -0.18 0.00	161.62 -0.49 0.00	131.96 -0.80 0.00	140.56 0.28 0.00	134.13 0.53 0.00
MID___RAQUETTE_HYD 23851	171.11 2.69 0.00	146.82 3.16 0.00	131.03 3.07 0.00	128.31 3.25 0.00	126.94 3.10 0.00	136.23 3.19 0.00	169.91 2.68 0.00	207.65 3.27 0.00	183.13 2.53 0.00	163.42 1.46 0.00	135.63 0.54 0.00	124.91 0.62 0.00	117.04 0.47 0.00	113.36 0.11 0.00	126.51 -0.13 0.00	156.40 0.00 0.00	185.83 0.19 0.00	222.84 0.89 0.00	196.28 0.20 0.00	178.22 0.00 0.00	162.11 0.00 0.00	132.35 -0.40 0.00	140.84 0.56 0.00	134.67 1.07 0.00
MILLIKEN___1 23584	150.66 -3.03 14.72	129.23 -2.73 11.70	118.33 -2.05 7.58	116.29 -1.88 6.89	115.39 -1.73 6.73	120.22 -2.66 10.15	147.50 -4.01 15.72	184.96 -3.27 16.15	162.10 -3.61 14.89	143.55 -5.02 13.40	119.21 -4.86 11.01	110.18 -4.85 9.26	103.59 -4.78 8.21	101.18 -4.53 7.54	112.65 -4.56 9.43	138.66 -4.38 13.36	163.21 -4.08 18.34	202.03 -2.89 17.04	176.57 -2.35 17.16	158.17 -3.03 17.02	144.49 -2.92 14.69	120.83 -2.66 9.27	125.81 -3.09 11.39	120.05 -3.07 10.48
MILLIKEN___2 23585	150.66 -3.03 14.72	129.23 -2.73 11.70	118.33 -2.05 7.58	116.29 -1.88 6.89	115.39 -1.73 6.73	120.22 -2.66 10.15	147.50 -4.01 15.72	184.96 -3.27 16.15	162.10 -3.61 14.89	143.55 -5.02 13.40	119.21 -4.86 11.01	110.18 -4.85 9.26	103.59 -4.78 8.21	101.18 -4.53 7.54	112.65 -4.56 9.43	138.66 -4.38 13.36	163.21 -4.08 18.34	202.03 -2.89 17.04	176.57 -2.35 17.16	158.17 -3.03 17.02	144.49 -2.92 14.69	120.83 -2.66 9.27	125.81 -3.09 11.39	120.05 -3.07 10.48
MILLIKEN___DIESEL 23629	150.66 -3.03 14.72	129.23 -2.73 11.70	118.33 -2.05 7.58	116.29 -1.88 6.89	115.39 -1.73 6.73	120.22 -2.66 10.15	147.50 -4.01 15.72	184.96 -3.27 16.15	162.10 -3.61 14.89	143.55 -5.02 13.40	119.21 -4.86 11.01	110.18 -4.85 9.26	103.59 -4.78 8.21	101.18 -4.53 7.54	112.65 -4.56 9.43	138.66 -4.38 13.36	163.21 -4.08 18.34	202.03 -2.89 17.04	176.57 -2.35 17.16	158.17 -3.03 17.02	144.49 -2.92 14.69	120.83 -2.66 9.27	125.81 -3.09 11.39	120.05 -3.07 10.48
MILLSEAT___LFGE 323607	134.42 -18.70 15.30	115.98 -15.52 12.16	107.03 -13.05 7.88	105.52 -12.38 7.16	104.47 -12.38 6.99	105.19 -17.29 10.55	123.51 -27.59 16.13	156.98 -29.64 17.76	135.30 -28.35 16.96	121.74 -26.24 13.99	105.04 -18.50 11.54	97.17 -17.15 9.97	91.91 -15.85 8.82	89.43 -15.74 8.08	98.28 -18.23 10.13	117.21 -25.03 14.17	139.91 -26.92 18.81	172.90 -31.29 17.77	149.56 -28.63 17.89	133.56 -26.92 17.75	122.76 -23.99 15.35	103.46 -18.99 10.30	109.59 -18.79 11.89	107.21 -15.50 10.89
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	174.81 6.40 0.00	148.40 4.74 0.00	132.06 4.09 0.00	128.56 3.50 0.00	127.44 3.59 0.00	137.56 4.52 0.00	174.44 7.19 -0.01	213.37 8.99 0.00	188.91 8.31 0.00	178.28 8.10 -8.21	149.71 6.75 -7.87	145.92 6.46 -15.17	137.60 6.18 -14.84	132.42 5.89 -13.28	147.70 6.46 -14.60	180.73 7.66 -16.66	195.59 9.65 -0.30	232.83 10.88 0.00	205.50 9.41 0.00	187.31 9.09 0.00	170.77 7.78 -0.88	160.26 6.37 -21.13	146.45 6.17 0.00	139.08 5.48 0.00
MILLWOOD_13_KV_LOAD 356217	175.15 6.74 0.00	148.69 5.03 0.00	132.31 4.35 0.00	128.94 3.88 0.00	127.69 3.84 0.00	137.82 4.79 0.00	174.77 7.53 -0.01	213.78 9.40 0.00	189.45 8.85 0.00	178.60 8.42 -8.21	150.11 7.16 -7.87	146.17 6.71 -15.17	137.83 6.41 -14.84	132.76 6.23 -13.28	147.95 6.71 -14.60	181.04 7.98 -16.66	195.97 10.02 -0.30	233.50 11.54 0.00	206.09 10.00 0.00	187.85 9.62 0.00	171.26 8.27 -0.88	160.65 6.77 -21.13	146.87 6.59 0.00	139.34 5.74 0.00
MODEL_CITY_ENERGY 24167	130.73 -22.23 15.45	112.85 -18.53 12.28	104.39 -15.62 7.96	102.94 -14.88 7.23	102.05 -14.74 7.06	102.03 -20.35 10.65	118.84 -32.11 16.29	150.43 -35.76 18.19	129.21 -33.95 17.44	117.40 -30.45 14.12	100.48 -22.96 11.65	92.99 -21.26 10.05	88.11 -19.58 8.88	85.74 -19.37 8.15	93.89 -22.54 10.21	112.71 -29.40 14.29	133.96 -32.67 19.01	165.84 -38.17 17.94	143.30 -34.71 18.07	128.04 -32.26 17.92	117.75 -28.85 15.51	99.82 -22.57 10.37	105.82 -22.45 12.01	104.16 -18.44 11.00
MODERN_LFGE___ 323580	130.73 -22.23 15.45	112.85 -18.53 12.28	104.39 -15.62 7.96	102.94 -14.88 7.23	102.05 -14.74 7.06	102.03 -20.35 10.65	118.84 -32.11 16.29	150.43 -35.76 18.19	129.21 -33.95 17.44	117.40 -30.45 14.12	100.48 -22.96 11.65	92.99 -21.26 10.05	88.11 -19.58 8.88	85.74 -19.37 8.15	93.89 -22.54 10.21	112.71 -29.40 14.29	133.96 -32.67 19.01	165.84 -38.17 17.94	143.30 -34.71 18.07	128.04 -32.26 17.92	117.75 -28.85 15.51	99.82 -22.57 10.37	105.82 -22.45 12.01	104.16 -18.44 11.00
MOHAWK_PAPER___DRP 24187	176.16 7.75 0.00	149.98 6.32 0.00	133.34 5.37 0.00	130.31 5.25 0.00	129.05 5.20 0.00	139.02 5.99 0.00	175.32 8.03 -0.05	213.17 8.79 0.00	188.37 7.77 0.00	179.20 7.29 -9.95	151.09 6.48 -9.52	148.49 5.84 -18.36	139.91 5.36 -17.97	134.54 5.21 -16.08	150.27 5.95 -17.68	183.93 7.35 -20.17	194.73 8.73 -0.37	231.94 9.99 0.00	205.11 9.02 0.00	186.60 8.38 0.00	170.96 7.78 -1.07	164.58 6.24 -25.58	147.15 6.87 0.00	140.15 6.55 0.00
MOHICAN___35_KV_115KV_LD 80490	181.72 13.30 0.00	154.72 11.06 0.00	137.18 9.21 0.00	134.32 9.25 0.00	133.01 9.16 0.00	143.54 10.51 0.00	181.04 13.71 -0.09	222.16 17.78 0.00	196.14 15.53 0.00	185.61 13.44 -10.20	155.66 10.81 -9.77	152.57 9.45 -18.83	143.52 8.51 -18.43	137.78 8.04 -16.49	154.15 9.37 -18.13	189.14 12.04 -20.69	201.05 15.04 -0.37	240.15 18.20 0.00	212.36 16.28 0.00	192.84 14.61 0.00	176.82 13.62 -1.10	169.62 10.62 -26.25	151.50 11.22 0.00	144.15 10.55 0.00
MONGAUP___HYD 23641	176.00 7.59 0.00	149.55 5.89 0.00	133.09 5.12 0.00	129.81 4.75 0.00	128.43 4.59 0.00	138.75 5.72 0.00	175.77 8.52 -0.01	213.58 9.21 0.00	188.74 8.13 0.00	177.05 7.45 -7.63	147.93 5.54 -7.30	143.47 5.10 -14.08	135.25 4.90 -13.78	130.34 4.76 -12.33	145.64 5.44 -13.56	178.92 7.04 -15.47	195.20 9.28 -0.28	233.05 11.09 0.00	205.89 9.80 0.00	187.48 9.26 0.00	171.03 8.10 -0.82	158.88 6.50 -19.62	146.73 6.46 0.00	139.21 5.61 0.00
MONTAUK___DIESEL 23721	176.67 8.25 0.00	150.70 7.04 0.00	133.59 5.63 0.00	132.07 7.00 -0.01	132.03 8.17 -0.01	142.92 9.84 -0.04	181.79 14.55 -0.01	222.77 18.39 0.00	198.12 17.52 0.00	185.45 15.22 -8.26	157.22 14.18 -7.94	169.32 13.05 -31.98	171.24 12.36 -42.31	167.31 11.66 -42.40	159.70 12.03 -21.03	187.87 14.70 -16.76	222.40 18.75 -18.01	258.36 19.53 -16.88	229.13 19.02 -14.02	223.30 17.82 -27.25	207.16 15.89 -29.17	197.49 12.88 -51.86	151.93 11.64 -0.01	150.94 11.62 -5.72
MOONROAD_115KV_HARTFLD_TB1-2 355988	142.17 -10.44 15.81	121.47 -9.63 12.57	111.76 -8.06 8.14	109.28 -8.38 7.40	108.20 -8.42 7.23	108.96 -13.17 10.90	130.47 -20.07 16.69	163.56 -22.07 18.75	142.70 -19.69 18.22	128.43 -19.11 14.42	107.39 -15.81 11.89	99.29 -14.79 10.21	94.04 -13.52 9.01	91.96 -13.02 8.27	101.70 -14.56 10.38	124.65 -17.20 14.55	146.11 -20.05 19.48	180.51 -23.08 18.36	156.22 -21.37 18.50	140.10 -19.78 18.34	127.28 -18.97 15.86	106.48 -15.80 10.47	111.15 -16.83 12.29	108.32 -14.03 11.25

MORRIS_RIDGE___SOLAR 323848	138.80 -13.48 16.13	119.48 -11.35 12.83	110.18 -9.47 8.31	108.38 -9.12 7.56	107.18 -9.29 7.38	108.21 -13.70 11.13	129.24 -20.91 17.09	158.27 -23.91 22.19	134.05 -22.04 24.51	125.04 -22.18 14.74	104.70 -18.24 12.15	97.10 -16.78 10.41	91.79 -15.62 9.17	89.77 -15.06 8.41	98.32 -17.73 10.59	122.39 -19.24 14.77	144.54 -21.17 19.93	179.46 -23.75 18.75	156.02 -21.18 18.89	139.35 -20.14 18.73	127.43 -18.48 16.20	107.16 -15.00 10.59	112.15 -15.58 12.56	109.55 -12.56 11.49
MORTIMER_115KV_TB3 55949	141.28 -12.29 14.84	121.80 -10.06 11.80	111.87 -8.45 7.65	110.23 -7.88 6.95	109.14 -7.93 6.79	111.89 -10.91 10.24	133.54 -18.06 15.63	166.58 -21.46 16.34	146.63 -18.42 15.56	131.36 -17.01 13.60	111.57 -12.29 11.22	103.25 -11.31 9.73	97.59 -10.38 8.61	95.05 -10.31 7.90	104.60 -12.16 9.88	126.33 -16.27 13.81	148.09 -19.31 18.24	184.74 -19.98 17.24	160.69 -18.04 17.36	143.54 -17.47 17.22	131.97 -15.24 14.90	110.59 -12.08 10.08	116.96 -11.78 11.54	112.88 -10.15 10.57
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	175.66 7.24 0.00	148.98 5.32 0.00	132.57 4.61 0.00	129.06 4.00 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.39 10.01 0.00	190.00 9.39 0.00	179.30 9.07 -8.26	150.56 7.56 -7.91	146.62 7.08 -15.25	138.38 6.88 -14.92	133.17 6.57 -13.35	148.41 7.09 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	233.94 11.99 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.59 8.59 -0.89	161.04 7.04 -21.25	147.15 6.87 0.00	139.74 6.15 0.00
MUNSVILLE_WIND_PWR 323609	164.50 9.59 13.51	140.96 8.04 10.74	128.55 7.55 6.96	126.24 7.50 6.33	125.35 7.68 6.18	131.97 8.25 9.32	162.54 9.70 14.39	203.23 13.70 14.84	177.90 11.02 13.72	157.80 7.12 11.28	129.87 3.92 9.14	119.86 2.24 6.67	112.26 1.40 5.72	109.32 1.36 5.29	122.66 2.91 6.89	153.04 6.87 10.24	179.84 10.95 16.75	222.29 15.99 15.66	193.66 13.34 15.77	174.87 12.29 15.64	159.24 10.53 13.40	134.43 7.70 6.02	136.54 6.73 10.47	130.79 6.81 9.62
N SALMON___HYD 24042	172.79 4.37 0.00	148.12 4.46 0.00	132.32 4.35 0.00	129.81 4.75 0.00	128.55 4.71 0.00	138.09 5.05 0.00	173.43 6.19 0.00	211.95 7.57 0.00	186.92 6.32 0.00	166.82 4.85 0.00	138.74 3.65 0.00	127.90 3.61 0.00	119.84 3.26 0.00	116.42 3.17 0.00	130.18 3.54 0.00	161.09 4.69 0.00	191.03 5.39 0.00	229.51 7.55 0.00	202.17 6.09 0.00	183.04 4.81 0.00	166.31 4.21 0.00	135.81 3.06 0.00	143.51 3.23 0.00	136.94 3.34 0.00
N.AKRON___115KV_KNAPP 355671	134.40 -18.69 15.32	115.97 -15.52 12.18	107.02 -13.05 7.89	105.63 -12.26 7.17	104.46 -12.38 7.00	105.04 -17.43 10.56	123.16 -27.93 16.15	153.45 -33.11 17.82	135.06 -28.54 17.01	121.72 -26.24 14.01	104.75 -18.78 11.56	96.79 -17.53 9.98	91.66 -16.09 8.83	89.19 -15.97 8.09	98.01 -18.49 10.14	117.04 -25.18 14.19	136.92 -29.89 18.84	171.98 -32.18 17.79	149.15 -29.02 17.92	133.18 -27.27 17.77	122.42 -24.32 15.38	103.34 -19.12 10.30	109.43 -18.94 11.91	106.66 -16.03 10.91
N.E._GEN_SANDY PD 24062	180.60 7.59 -4.60	182.40 6.03 -32.71	176.20 5.12 -43.11	179.80 4.75 -49.99	188.50 4.83 -59.83	216.00 5.59 -77.38	245.26 8.03 -70.00	295.30 8.98 -81.94	250.20 8.49 -61.11	205.60 8.09 -35.54	196.46 6.75 -54.62	180.41 6.34 -49.78	173.12 5.94 -50.60	174.20 5.77 -55.18	200.70 6.33 -67.73	226.80 7.66 -62.73	332.60 8.91 -138.05	350.00 10.43 -117.61	349.40 9.41 -143.90	300.80 8.91 -113.67	291.70 7.94 -121.65	250.00 6.50 -110.74	192.70 6.73 -45.69	191.00 6.28 -51.12
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	173.97 5.56 0.00	147.83 4.17 0.00	131.42 3.46 0.00	128.06 3.00 0.00	126.82 2.97 0.00	136.89 3.86 0.00	173.77 6.52 -0.01	212.35 7.97 0.00	188.01 7.40 0.00	177.29 7.29 -8.03	148.86 6.08 -7.69	144.96 5.84 -14.83	136.68 5.60 -14.51	131.67 5.44 -12.98	146.74 5.83 -14.27	179.57 6.88 -16.29	194.66 8.73 -0.29	231.72 9.77 0.00	204.52 8.43 0.00	186.42 8.20 0.00	170.10 7.13 -0.86	159.12 5.71 -20.66	145.89 5.61 0.00	138.41 4.81 0.00
N.QUEENS_27_KV_LOAD 356247	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.19 5.13 0.00	129.05 5.20 0.00	139.29 6.25 0.00	177.11 9.87 -0.01	216.03 11.65 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.16 7.16 -7.91	146.25 6.71 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.03 6.71 -14.68	180.82 7.66 -16.75	195.78 9.84 -0.30	233.05 11.10 0.00	205.50 9.41 0.00	187.85 9.62 0.00	170.78 7.78 -0.89	161.56 7.57 -21.25	148.41 8.14 0.00	140.68 7.08 0.00
N.TROY___115KV_TB1 355778	176.33 7.92 0.00	150.13 6.46 0.00	133.34 5.37 0.00	130.31 5.25 0.00	129.05 5.20 0.00	139.02 5.99 0.00	175.50 8.19 -0.07	214.19 9.81 0.00	189.27 8.67 0.00	179.92 7.94 -10.02	151.30 6.62 -9.60	148.76 5.97 -18.50	140.16 5.48 -18.10	134.77 5.32 -16.20	150.40 5.95 -17.81	184.23 7.51 -20.32	195.10 9.10 -0.37	233.05 11.10 0.00	206.09 10.00 0.00	187.49 9.27 0.00	171.61 8.43 -1.08	165.30 6.77 -25.78	147.43 7.15 0.00	140.28 6.68 0.00
NARROWS_GT1_1 24228	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT1_2 24229	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT1_3 24230	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT1_4 24231	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT1_5 24232	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00

NARROWS_GT1_6 24233	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT1_7 24234	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT1_8 24235	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT2_1 24236	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT2_2 24237	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT2_3 24238	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT2_4 24239	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT2_5 24240	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT2_6 24241	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT2_7 24242	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NARROWS_GT2_8 24243	177.33 8.92 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.07 5.01 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.27 9.02 -0.01	214.59 10.21 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.83 -15.25	138.14 6.64 -14.92	133.05 6.45 -13.35	148.15 6.83 -14.68	181.28 8.13 -16.75	196.15 10.20 -0.30	234.15 12.20 0.00	206.87 10.78 0.00	188.55 10.33 0.00	171.42 8.42 -0.89	161.43 7.43 -21.25	147.99 7.71 0.00	140.54 6.94 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	179.02 10.61 0.00	152.42 8.76 0.00	135.51 7.55 0.00	132.57 7.50 0.00	131.03 7.18 0.00	141.41 8.38 0.00	178.14 10.87 -0.03	216.64 12.26 0.00	190.36 9.75 0.00	178.78 7.29 -9.53	149.88 5.67 -9.12	146.73 4.85 -17.59	138.34 4.55 -17.21	133.18 4.53 -15.40	149.02 5.45 -16.93	183.07 7.35 -19.31	197.13 11.14 -0.35	235.27 13.32 0.00	207.85 11.77 0.00	189.09 10.87 0.00	171.72 8.59 -1.03	163.88 6.64 -24.50	148.69 8.42 0.00	141.88 8.28 0.00
NCHELSEA_115KV_TR2 355582	176.33 7.92 0.00	149.98 6.32 0.00	133.34 5.37 0.00	130.06 5.00 0.00	128.80 4.95 0.00	139.02 5.99 0.00	176.28 9.03 -0.01	215.21 10.83 0.00	190.18 9.57 0.00	179.32 9.07 -8.28	150.31 7.29 -7.93	146.29 6.71 -15.29	138.07 6.53 -14.96	132.98 6.34 -13.39	148.32 6.97 -14.72	181.64 8.45 -16.79	196.90 10.95 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.91 8.92 -0.89	161.34 7.30 -21.29	147.43 7.15 0.00	140.01 6.41 0.00
NEG CAPITAL___MECHNVIL 23645	179.03 10.62 0.00	152.28 8.62 0.00	135.25 7.29 0.00	132.31 7.25 0.00	130.90 7.06 0.00	141.15 8.12 0.00	178.03 10.71 -0.08	217.66 13.28 0.00	192.52 11.92 0.00	182.63 10.52 -10.14	153.31 8.52 -9.71	150.59 7.58 -18.72	141.89 6.99 -18.32	136.32 6.68 -16.39	152.39 7.73 -18.02	186.83 9.86 -20.56	198.07 12.06 -0.37	236.60 14.65 0.00	209.23 13.14 0.00	190.16 11.94 0.00	174.06 10.86 -1.09	167.41 8.62 -26.03	149.26 8.99 0.00	142.02 8.42 0.00
NEG CENTRAL_HIGH_ACRES 23767	141.58 -12.81 14.03	122.03 -10.48 11.15	111.78 -8.96 7.23	109.98 -8.51 6.57	109.01 -8.43 6.41	112.45 -10.91 9.67	135.91 -16.56 14.77	171.59 -17.37 15.41	148.89 -16.98 14.73	133.25 -15.87 12.85	112.46 -12.02 10.60	104.04 -11.06 9.19	98.18 -10.26 8.14	95.71 -10.08 7.46	105.66 -11.65 9.33	128.18 -15.17 13.05	152.25 -16.15 17.23	187.25 -18.42 16.28	162.82 -16.86 16.40	145.56 -16.39 16.26	133.60 -14.43 14.08	111.66 -11.55 9.54	117.88 -11.50 10.90	113.33 -10.28 9.99

NEG CENTRAL___DRP 24199	150.55 -6.57 11.29	129.08 -5.60 8.98	117.54 -4.61 5.82	115.40 -4.38 5.29	114.47 -4.21 5.16	119.79 -5.45 7.79	147.30 -8.03 11.91	183.33 -8.58 12.46	160.95 -7.77 11.88	143.55 -8.10 10.32	119.96 -6.62 8.51	110.74 -6.21 7.33	104.26 -5.83 6.49	101.75 -5.55 5.95	112.98 -6.21 7.45	138.29 -7.66 10.45	163.02 -8.73 13.90	200.41 -8.43 13.11	175.43 -7.45 13.20	157.47 -7.66 13.09	143.81 -6.97 11.33	119.48 -5.71 7.57	125.62 -5.89 8.77	119.95 -5.61 8.04
NEG CENTRAL___INDECK 23768	135.86 -16.84 15.72	116.94 -14.23 12.50	107.83 -12.03 8.10	106.32 -11.38 7.36	105.15 -11.51 7.19	107.02 -15.17 10.84	128.02 -22.58 16.63	166.14 -24.33 13.91	147.76 -23.12 9.73	124.43 -23.17 14.37	104.59 -18.64 11.85	96.71 -17.40 10.18	91.40 -16.20 8.98	89.28 -15.74 8.23	98.18 -18.11 10.35	121.15 -20.80 14.46	144.71 -21.53 19.40	178.83 -24.85 18.27	155.33 -22.36 18.40	138.94 -21.03 18.25	127.52 -18.80 15.78	107.07 -15.26 10.42	112.20 -15.85 12.23	111.99 -10.42 11.19
NEG CENTRAL___SENECA 23627	148.34 -7.41 12.67	127.41 -6.18 10.07	116.32 -5.12 6.53	114.38 -4.75 5.93	113.35 -4.71 5.79	118.04 -6.25 8.74	144.19 -9.70 13.34	179.81 -10.63 13.94	157.90 -9.39 13.31	140.82 -9.56 11.59	118.10 -7.43 9.56	109.06 -6.96 8.27	102.72 -6.53 7.32	100.19 -6.34 6.72	111.15 -7.09 8.40	135.57 -9.07 11.76	159.67 -10.40 15.57	197.04 -10.21 14.70	172.06 -9.22 14.81	154.27 -9.27 14.69	141.13 -8.27 12.71	117.42 -6.77 8.56	123.57 -6.87 9.84	118.17 -6.41 9.02
NEG CENTRAL___STATE_STREET 24147	152.56 -5.05 10.80	130.76 -4.31 8.59	118.82 -3.58 5.56	116.63 -3.38 5.06	115.69 -3.22 4.94	121.59 -3.99 7.45	150.29 -5.52 11.43	186.88 -5.52 11.99	164.14 -5.06 11.41	146.29 -5.83 9.85	121.84 -5.13 8.11	112.38 -4.97 6.94	105.65 -4.78 6.14	103.08 -4.53 5.64	114.77 -4.81 7.06	141.01 -5.47 9.92	166.37 -5.94 13.33	204.10 -5.33 12.53	178.76 -4.71 12.62	160.72 -4.99 12.51	146.75 -4.54 10.82	121.67 -3.98 7.10	127.55 -4.35 8.38	121.50 -4.41 7.69
NEG MILLWOOD___DRP 24198	177.34 8.93 0.00	150.70 7.04 0.00	134.23 6.27 0.00	130.69 5.63 0.00	129.42 5.57 0.00	139.68 6.65 0.00	177.28 10.03 -0.01	216.64 12.26 0.00	191.62 11.02 0.00	180.51 10.20 -8.34	151.45 8.38 -7.99	147.52 7.83 -15.40	139.11 7.46 -15.07	133.99 7.25 -13.49	149.45 7.98 -14.83	183.02 9.70 -16.92	198.20 12.25 -0.31	236.60 14.65 0.00	208.64 12.55 0.00	190.16 11.94 0.00	173.22 10.21 -0.90	162.44 8.23 -21.46	148.55 8.28 0.00	140.95 7.35 0.00
NEG NORTH_FLCN_SEA 23793	172.46 4.04 0.00	147.83 4.17 0.00	132.06 4.09 0.00	129.44 4.38 0.00	128.18 4.33 0.00	137.82 4.79 0.00	173.09 5.85 0.00	211.33 6.95 0.00	186.38 5.78 0.00	166.50 4.54 0.00	138.73 3.65 0.00	127.90 3.60 0.00	119.96 3.38 0.00	116.65 3.40 0.00	130.57 3.93 0.00	161.41 5.00 0.00	191.21 5.57 0.00	229.28 7.32 0.00	201.97 5.88 0.00	183.03 4.81 0.00	166.32 4.21 0.00	135.94 3.19 0.00	143.64 3.37 0.00	136.94 3.34 0.00
NEG NORTH_KES_CHATEGAY 23792	170.77 2.36 0.00	146.39 2.73 0.00	130.78 2.82 0.00	128.19 3.13 0.00	126.94 3.10 0.00	136.36 3.33 0.00	171.25 4.01 0.00	209.08 4.70 0.00	184.40 3.79 0.00	164.88 2.92 0.00	137.38 2.30 0.00	126.65 2.36 0.00	118.79 2.21 0.00	115.52 2.27 0.00	129.17 2.53 0.00	159.69 3.28 0.00	189.35 3.71 0.00	226.62 4.66 0.00	199.81 3.73 0.00	181.07 2.85 0.00	164.54 2.43 0.00	134.48 1.73 0.00	142.10 1.82 0.00	135.47 1.87 0.00
NEG NORTH___ALICE_FALLS 23915	172.96 4.55 0.00	148.26 4.60 0.00	132.44 4.48 0.00	129.94 4.88 0.00	128.68 4.83 0.00	138.35 5.32 0.00	173.76 6.52 0.00	212.15 7.77 0.00	187.29 6.68 0.00	167.15 5.18 0.00	139.14 4.05 0.00	128.27 3.98 0.00	120.31 3.73 0.00	116.99 3.74 0.00	130.95 4.31 0.00	162.03 5.63 0.00	191.95 6.31 0.00	230.39 8.43 0.00	202.95 6.86 0.00	183.75 5.52 0.00	167.13 5.03 0.00	136.47 3.72 0.00	144.07 3.79 0.00	137.34 3.74 0.00
NEG NORTH___LWR_SARANAC 23913	172.96 4.55 0.00	148.26 4.60 0.00	132.44 4.48 0.00	129.94 4.88 0.00	128.68 4.83 0.00	138.35 5.32 0.00	173.76 6.52 0.00	212.15 7.77 0.00	187.29 6.68 0.00	167.15 5.18 0.00	139.14 4.05 0.00	128.27 3.98 0.00	120.31 3.73 0.00	116.99 3.74 0.00	130.95 4.31 0.00	162.03 5.63 0.00	191.95 6.31 0.00	230.39 8.43 0.00	202.95 6.86 0.00	183.75 5.52 0.00	167.13 5.03 0.00	136.47 3.72 0.00	144.07 3.79 0.00	137.34 3.74 0.00
NEG NORTH___PLATTSBURG 23628	172.96 4.55 0.00	148.26 4.60 0.00	132.44 4.48 0.00	129.93 4.87 0.00	128.67 4.83 0.00	138.36 5.33 0.00	173.75 6.52 0.00	212.14 7.76 0.00	187.29 6.69 0.00	167.15 5.18 0.00	139.14 4.05 0.00	128.27 3.98 0.00	120.31 3.73 0.00	116.98 3.73 0.00	130.95 4.31 0.00	162.03 5.62 0.00	191.95 6.32 0.00	230.60 8.65 0.00	202.95 6.86 0.00	183.75 5.53 0.00	167.14 5.03 0.00	136.46 3.71 0.00	144.07 3.79 0.00	137.33 3.74 0.00
NEG WEST_LEA_LOCKPORT 23791	131.27 -21.73 15.42	113.30 -18.10 12.26	104.92 -15.10 7.94	103.34 -14.51 7.22	102.43 -14.37 7.05	102.45 -19.95 10.63	119.37 -31.61 16.26	147.79 -38.42 18.17	128.90 -33.05 18.65	117.91 -29.96 14.10	101.04 -22.42 11.63	93.50 -20.76 10.03	88.59 -19.12 8.87	86.20 -18.91 8.13	94.41 -22.04 10.19	113.36 -28.78 14.26	132.08 -34.53 19.03	166.10 -37.95 17.90	144.13 -33.92 18.03	128.79 -31.55 17.88	118.43 -28.21 15.47	100.37 -22.04 10.34	106.27 -22.02 11.98	104.19 -18.44 10.98
NEG WEST___LANCASTER 23811	136.96 -15.66 15.79	117.89 -13.22 12.55	108.82 -11.00 8.13	107.04 -10.63 7.39	106.10 -10.53 7.22	106.98 -15.17 10.89	129.32 -21.24 16.68	164.84 -20.85 18.69	144.43 -18.06 18.11	129.41 -18.14 14.41	106.45 -16.75 11.88	97.43 -16.66 10.20	91.48 -16.09 9.01	89.25 -15.74 8.26	99.42 -16.84 10.37	124.04 -17.83 14.54	145.76 -20.42 19.46	178.31 -25.30 18.34	155.26 -22.35 18.48	140.65 -19.25 18.32	127.94 -18.32 15.85	107.14 -15.13 10.47	111.02 -16.97 12.28	107.79 -14.56 11.24
NEG_PENN_ALLEGHNY 23528	143.70 -7.58 17.13	123.43 -6.61 13.62	113.77 -5.37 8.83	111.79 -5.25 8.02	110.93 -5.08 7.83	114.29 -6.92 11.82	139.37 -9.70 18.17	176.94 -8.58 18.87	154.91 -8.12 17.57	137.43 -9.23 15.31	114.27 -8.24 12.57	106.07 -7.83 10.40	99.88 -7.58 9.13	97.61 -7.25 8.39	108.44 -7.60 10.61	133.03 -8.29 15.08	155.36 -9.09 21.18	192.75 -9.31 19.89	166.84 -9.21 20.04	149.27 -9.08 19.87	136.52 -8.44 17.15	115.15 -7.17 10.43	119.25 -7.72 13.31	114.59 -6.81 12.20
NEG___GEN_MONROE 24207	140.24 -13.30 14.87	121.06 -10.77 11.82	111.22 -9.09 7.66	109.59 -8.50 6.96	108.51 -8.55 6.80	110.94 -11.84 10.26	132.18 -19.40 15.66	164.38 -23.50 16.50	144.57 -20.23 15.80	129.56 -18.79 13.62	110.07 -13.78 11.24	101.75 -12.80 9.74	96.41 -11.54 8.62	93.91 -11.44 7.91	103.19 -13.55 9.89	124.12 -18.46 13.83	145.46 -21.91 18.27	181.61 -23.08 17.27	157.91 -20.79 17.39	141.19 -19.78 17.25	129.51 -17.67 14.93	108.58 -14.07 10.10	115.12 -13.61 11.56	111.52 -11.49 10.59
NEPA___ENERGY 23901	137.91 -14.65 15.85	118.56 -12.50 12.60	109.31 -10.49 8.16	107.26 -10.38 7.42	106.32 -10.28 7.25	107.33 -14.77 10.93	128.42 -22.08 16.74	160.69 -24.93 18.76	140.19 -22.21 18.20	126.29 -21.22 14.46	105.74 -17.43 11.92	97.78 -16.28 10.23	92.39 -15.15 9.03	90.13 -14.84 8.28	99.40 -16.84 10.40	121.80 -20.02 14.58	143.09 -23.02 19.53	177.35 -26.19 18.41	154.01 -23.53 18.55	138.09 -21.74 18.39	126.10 -20.10 15.91	105.66 -16.59 10.49	110.42 -17.53 12.33	107.75 -14.56 11.29

NEVERSINK___HYD 23608	175.65 7.24 0.00	149.41 5.75 0.00	132.95 4.99 0.00	129.69 4.63 0.00	128.43 4.59 0.00	138.88 5.85 0.00	176.10 8.86 -0.01	217.26 12.88 0.00	192.17 11.57 0.00	180.01 10.37 -7.67	150.13 7.70 -7.35	145.28 6.83 -14.16	136.96 6.52 -13.86	131.99 6.34 -12.40	147.49 7.21 -13.63	179.29 7.51 -15.38	195.75 9.83 -0.28	233.49 11.53 0.00	206.28 10.19 0.00	188.02 9.80 0.00	171.19 8.26 -0.82	159.03 6.77 -19.51	146.87 6.59 0.00	139.34 5.74 0.00
NEWKRMKL_115KV_TB1 55635	175.49 7.07 0.00	149.41 5.75 0.00	132.83 4.86 0.00	129.81 4.75 0.00	128.55 4.71 0.00	138.49 5.45 0.00	174.47 7.19 -0.04	211.53 7.15 0.00	186.74 6.14 0.00	177.85 5.99 -9.89	150.23 5.67 -9.47	147.64 5.10 -18.25	139.10 4.66 -17.86	133.76 4.53 -15.98	149.41 5.19 -17.57	182.87 6.41 -20.05	193.24 7.24 -0.36	230.17 8.21 0.00	203.54 7.45 0.00	185.17 6.95 0.00	169.82 6.65 -1.06	163.50 5.31 -25.43	146.59 6.31 0.00	139.61 6.01 0.00
NEWTON___FALLS_HYD 23847	170.94 2.53 0.00	146.10 2.44 0.00	130.40 2.43 0.00	127.69 2.63 0.00	126.33 2.48 0.00	135.83 2.79 0.00	169.41 2.17 0.00	207.44 3.07 0.00	182.59 1.99 0.00	162.78 0.81 0.00	134.28 -0.81 0.00	123.92 -0.37 0.00	115.99 -0.58 0.00	112.46 -0.79 0.00	125.88 -0.76 0.00	156.09 -0.31 0.00	185.45 -0.19 0.00	222.40 0.44 0.00	195.89 -0.20 0.00	178.04 -0.18 0.00	161.62 -0.49 0.00	131.96 -0.80 0.00	140.56 0.28 0.00	134.13 0.53 0.00
NGRID_A1_DSASP 323792	132.04 -20.88 15.49	114.10 -17.24 12.32	105.65 -14.33 7.98	104.17 -13.63 7.26	103.39 -13.38 7.08	101.33 -21.02 10.69	119.95 -30.94 16.34	146.18 -39.85 18.35	129.34 -33.59 17.68	116.05 -31.75 14.17	99.63 -23.78 11.68	92.34 -21.88 10.08	87.62 -20.05 8.91	85.15 -19.93 8.17	93.22 -23.17 10.24	111.42 -30.66 14.33	130.55 -36.01 19.07	163.34 -40.62 18.00	144.43 -33.53 18.13	126.56 -33.68 17.98	116.40 -30.15 15.55	99.00 -23.36 10.39	104.95 -23.29 12.05	104.40 -18.17 11.03
NGRID_A2_DSASP 323793	132.04 -20.88 15.49	114.10 -17.24 12.32	105.65 -14.33 7.98	104.17 -13.63 7.26	103.39 -13.38 7.08	101.33 -21.02 10.69	119.95 -30.94 16.34	146.18 -39.85 18.35	129.34 -33.59 17.68	116.05 -31.75 14.17	99.63 -23.78 11.68	92.34 -21.88 10.08	87.62 -20.05 8.91	85.15 -19.93 8.17	93.22 -23.17 10.24	111.42 -30.66 14.33	130.55 -36.01 19.07	163.34 -40.62 18.00	144.43 -33.53 18.13	126.56 -33.68 17.98	116.40 -30.15 15.55	99.00 -23.36 10.39	104.95 -23.29 12.05	104.40 -18.17 11.03
NGRID_A4_DSASP 323807	132.04 -20.88 15.49	114.10 -17.24 12.32	105.65 -14.33 7.98	104.17 -13.63 7.26	103.39 -13.38 7.08	101.33 -21.02 10.69	119.95 -30.94 16.34	146.18 -39.85 18.35	129.34 -33.59 17.68	116.05 -31.75 14.17	99.63 -23.78 11.68	92.34 -21.88 10.08	87.62 -20.05 8.91	85.15 -19.93 8.17	93.22 -23.17 10.24	111.42 -30.66 14.33	130.55 -36.01 19.07	163.34 -40.62 18.00	144.43 -33.53 18.13	126.56 -33.68 17.98	116.40 -30.15 15.55	99.00 -23.36 10.39	104.95 -23.29 12.05	104.40 -18.17 11.03
NIAGARA_115E_LBMP 323715	130.20 -22.74 15.47	112.39 -18.97 12.30	103.99 -16.00 7.97	102.43 -15.39 7.25	101.54 -15.24 7.07	101.48 -20.88 10.67	118.13 -32.78 16.32	149.54 -36.58 18.26	128.19 -34.86 17.55	116.72 -31.10 14.15	99.91 -23.51 11.67	92.48 -21.75 10.06	87.63 -20.05 8.90	85.28 -19.82 8.16	93.36 -23.05 10.23	111.90 -30.19 14.31	133.18 -33.41 19.04	164.92 -39.07 17.97	142.29 -35.69 18.10	127.30 -32.97 17.95	116.91 -29.67 15.53	99.27 -23.10 10.38	105.39 -22.86 12.03	103.61 -18.97 11.02
NIAGARA_115W_LBMP 323714	131.86 -21.06 15.49	114.10 -17.24 12.32	105.65 -14.33 7.98	104.18 -13.63 7.26	103.27 -13.50 7.08	101.06 -21.29 10.69	120.12 -30.77 16.34	150.68 -35.36 18.34	129.17 -33.77 17.67	115.90 -31.90 14.16	99.49 -23.91 11.68	92.10 -22.12 10.08	87.38 -20.29 8.91	84.93 -20.16 8.17	92.97 -23.43 10.24	111.10 -30.97 14.33	135.39 -31.18 19.07	163.79 -40.17 18.00	144.24 -33.72 18.13	126.21 -34.04 17.97	116.08 -30.47 15.55	98.73 -23.63 10.40	104.80 -23.43 12.04	104.80 -17.77 11.03
NIAGARA_230_LBMP 323716	132.39 -20.55 15.48	114.40 -16.95 12.30	105.78 -14.21 7.97	104.19 -13.63 7.25	103.28 -13.50 7.07	103.20 -19.15 10.67	120.48 -30.44 16.32	152.33 -33.72 18.32	130.99 -31.97 17.65	118.83 -28.99 14.15	101.67 -21.75 11.67	94.09 -20.13 10.07	89.13 -18.54 8.90	86.74 -18.35 8.17	95.00 -21.40 10.23	114.09 -27.99 14.32	135.96 -30.63 19.05	167.81 -36.17 17.98	145.04 -32.94 18.11	129.62 -30.65 17.95	119.17 -27.40 15.53	100.98 -21.37 10.40	107.20 -21.04 12.03	105.48 -17.10 11.02
NIAGARA___115KV_198_GIBSON 55903	131.87 -21.05 15.49	113.96 -17.38 12.32	105.65 -14.33 7.98	104.17 -13.63 7.26	103.27 -13.50 7.08	101.06 -21.29 10.69	119.96 -30.94 16.34	145.98 -40.06 18.34	129.17 -33.77 17.67	115.89 -31.91 14.17	99.49 -23.91 11.68	92.09 -22.12 10.08	87.38 -20.28 8.91	84.92 -20.16 8.17	92.97 -23.43 10.24	111.10 -30.97 14.33	130.19 -36.39 19.07	162.90 -41.06 17.99	144.43 -33.53 18.13	126.21 -34.04 17.97	116.08 -30.48 15.55	98.73 -23.63 10.39	104.67 -23.57 12.04	104.40 -18.17 11.03
NIAGARA___ 23760	132.38 -20.55 15.48	114.40 -16.95 12.31	105.78 -14.21 7.97	104.19 -13.63 7.25	103.28 -13.50 7.07	103.20 -19.15 10.68	120.48 -30.44 16.32	152.35 -33.72 18.31	131.01 -31.97 17.62	118.82 -28.99 14.15	101.66 -21.75 11.67	94.09 -20.13 10.07	89.14 -18.54 8.90	86.74 -18.35 8.16	95.00 -21.40 10.23	114.09 -27.99 14.32	135.96 -30.63 19.05	167.80 -36.17 17.98	145.04 -32.94 18.11	129.61 -30.65 17.96	119.17 -27.40 15.54	100.98 -21.37 10.39	107.20 -21.04 12.04	105.48 -17.10 11.02
NINE_MILE_1 23575	56.31 -8.42 103.69	54.04 -7.18 82.44	68.28 -6.27 53.41	70.38 -6.13 48.56	70.38 -6.07 47.40	54.74 -6.78 71.52	49.87 -8.87 108.49	80.63 -10.21 113.53	62.95 -9.40 108.25	57.39 -8.75 95.83	48.53 -7.30 79.26	47.39 -6.71 70.19	47.82 -6.30 62.46	49.93 -6.12 57.20	48.77 -6.72 71.15	49.20 -8.29 98.91	49.51 -9.46 126.66	90.52 -11.09 120.35	65.07 -9.80 121.22	48.74 -9.28 120.21	49.65 -8.26 104.19	51.71 -6.77 74.28	52.61 -7.15 80.52	52.96 -6.81 73.83
NINE_MILE_2 23744	55.54 -8.42 104.46	53.43 -7.18 83.05	67.89 -6.27 53.81	70.02 -6.13 48.92	70.15 -5.94 47.75	54.21 -6.78 72.05	49.07 -8.87 109.30	79.79 -10.21 114.37	62.15 -9.40 109.06	56.68 -8.75 96.54	48.08 -7.16 79.84	46.87 -6.71 70.71	47.36 -6.30 62.92	49.51 -6.12 57.63	48.25 -6.72 71.68	48.47 -8.29 99.64	48.58 -9.46 127.60	89.63 -11.09 121.24	64.17 -9.80 122.12	48.04 -9.08 121.10	48.88 -8.26 104.96	51.16 -6.77 74.83	52.01 -7.15 81.12	52.54 -6.68 74.38
NM_CAPITAL___DRP 24208	175.49 7.07 0.00	149.41 5.75 0.00	132.83 4.86 0.00	129.81 4.75 0.00	128.55 4.71 0.00	138.35 5.32 0.00	174.48 7.19 -0.05	211.74 7.36 0.00	187.11 6.50 0.00	178.18 6.32 -9.90	150.37 5.81 -9.48	147.78 5.22 -18.27	139.24 4.78 -17.88	133.89 4.64 -16.00	149.55 5.32 -17.59	182.89 6.41 -20.07	193.43 7.43 -0.36	230.61 8.66 0.00	203.74 7.65 0.00	185.53 7.31 0.00	169.98 6.81 -1.07	163.65 5.44 -25.46	146.59 6.31 0.00	139.61 6.01 0.00
NM_CENTRAL___DRP 24181	148.30 -6.06 14.05	127.32 -5.17 11.17	116.25 -4.48 7.24	114.23 -4.25 6.58	113.34 -4.09 6.42	118.42 -4.92 9.69	146.05 -6.52 14.67	181.86 -7.15 15.36	159.65 -6.32 14.64	142.69 -6.48 12.79	119.12 -5.40 10.56	110.00 -5.10 9.19	103.65 -4.78 8.15	101.13 -4.64 7.47	112.24 -5.07 9.33	137.42 -5.94 13.04	161.47 -7.05 17.12	198.10 -7.55 16.31	172.99 -6.67 16.43	155.34 -6.59 16.29	142.01 -6.00 14.10	118.19 -4.91 9.65	124.18 -5.19 10.91	118.52 -5.08 10.01

NM_FRONTIER___DRP 24179	131.87 -21.05 15.49	113.96 -17.38 12.32	105.65 -14.33 7.98	104.17 -13.63 7.26	103.27 -13.50 7.08	101.06 -21.29 10.69	119.96 -30.94 16.34	145.98 -40.06 18.34	129.17 -33.77 17.67	115.89 -31.91 14.17	99.49 -23.91 11.68	92.09 -22.12 10.08	87.38 -20.28 8.91	84.92 -20.16 8.17	92.97 -23.43 10.24	111.10 -30.97 14.33	130.19 -36.39 19.07	162.90 -41.06 17.99	144.43 -33.53 18.13	126.21 -34.04 17.97	116.08 -30.48 15.55	98.73 -23.63 10.39	104.67 -23.57 12.04	104.40 -18.17 11.03
NM_ST_REGIS___HYD 24053	171.61 3.20 0.00	147.40 3.74 0.00	131.42 3.46 0.00	128.81 3.75 0.00	127.56 3.72 0.00	136.76 3.72 0.00	170.92 3.68 0.00	208.88 4.50 0.00	184.22 3.61 0.00	164.56 2.59 0.00	136.57 1.49 0.00	125.78 1.49 0.00	117.86 1.28 0.00	114.27 1.02 0.00	127.65 1.01 0.00	157.81 1.41 0.00	187.31 1.67 0.00	224.84 2.89 0.00	198.05 1.96 0.00	179.65 1.43 0.00	163.40 1.30 0.00	133.42 0.66 0.00	141.68 1.40 0.00	135.34 1.74 0.00
NORTHPORT___1 23551	174.31 5.89 0.00	148.55 4.89 0.00	131.68 3.71 0.00	129.70 4.63 -0.01	128.82 4.96 -0.01	138.21 5.18 0.00	174.59 7.35 -0.01	212.76 8.38 0.00	189.63 9.03 0.00	178.00 7.77 -8.26	150.05 7.02 -7.94	162.53 6.46 -31.78	164.85 6.29 -41.98	161.53 6.22 -42.05	154.30 6.71 -20.95	181.14 7.97 -16.76	210.15 10.02 -14.49	249.08 10.43 -16.69	219.76 9.80 -13.87	214.61 9.44 -26.95	179.98 8.59 -9.29	176.03 7.16 -36.11	146.88 6.59 -0.01	139.21 5.74 0.13
NORTHPORT___2 23552	174.31 5.89 0.00	148.55 4.89 0.00	131.68 3.71 0.00	129.70 4.63 -0.01	128.82 4.96 -0.01	138.21 5.18 0.00	174.59 7.35 -0.01	212.76 8.38 0.00	189.63 9.03 0.00	178.00 7.77 -8.26	150.05 7.02 -7.94	162.53 6.46 -31.78	164.85 6.29 -41.98	161.53 6.22 -42.05	154.30 6.71 -20.95	181.14 7.97 -16.76	210.15 10.02 -14.49	249.08 10.43 -16.69	219.76 9.80 -13.87	214.61 9.44 -26.95	179.98 8.59 -9.29	176.03 7.16 -36.11	146.88 6.59 -0.01	139.21 5.74 0.13
NORTHPORT___3 23553	173.96 5.55 0.00	148.26 4.60 0.00	131.42 3.46 0.00	129.45 4.37 -0.01	128.56 4.71 -0.01	137.81 4.78 0.00	174.27 7.02 -0.01	212.14 7.76 0.00	189.09 8.49 0.00	177.68 7.45 -8.26	149.78 6.75 -7.94	162.43 6.21 -31.92	164.73 5.94 -42.21	161.54 6.00 -42.29	154.10 6.46 -21.01	180.83 7.66 -16.76	209.78 9.65 -14.49	248.53 9.75 -16.82	219.28 9.22 -13.98	214.29 8.91 -27.16	179.08 8.26 -8.71	175.24 6.77 -35.72	146.61 6.32 -0.01	138.76 5.48 0.32
NORTHPORT___4 23650	173.96 5.55 0.00	148.26 4.60 0.00	131.42 3.46 0.00	129.45 4.37 -0.01	128.56 4.71 -0.01	137.81 4.78 0.00	174.27 7.02 -0.01	212.14 7.76 0.00	189.09 8.49 0.00	177.68 7.45 -8.26	149.78 6.75 -7.94	162.43 6.21 -31.92	164.73 5.94 -42.21	161.54 6.00 -42.29	154.10 6.46 -21.01	180.83 7.66 -16.76	209.78 9.65 -14.49	248.53 9.75 -16.82	219.28 9.22 -13.98	214.29 8.91 -27.16	179.08 8.26 -8.71	175.24 6.77 -35.72	146.61 6.32 -0.01	138.76 5.48 0.32
NORTHPORT___IC 23718	174.31 5.89 0.00	148.55 4.88 0.00	131.67 3.71 0.00	129.70 4.63 -0.01	128.81 4.95 -0.01	138.22 5.19 0.00	174.60 7.36 -0.01	213.37 8.99 0.00	189.63 9.03 0.00	178.00 7.77 -8.26	150.06 7.02 -7.94	162.54 6.46 -31.78	164.97 6.41 -41.98	161.53 6.23 -42.05	154.31 6.71 -20.95	181.14 7.98 -16.76	210.15 10.02 -14.49	249.08 10.43 -16.69	219.76 9.80 -13.87	214.62 9.45 -26.95	179.98 8.59 -9.29	176.03 7.17 -36.10	146.88 6.59 -0.01	139.62 6.15 0.13
NORTH___COUNTRY_ESR 323785	170.27 1.86 0.00	145.95 2.29 0.00	130.39 2.43 0.00	127.81 2.75 0.00	126.57 2.72 0.00	135.96 2.92 0.00	170.75 3.52 0.00	208.46 4.09 0.00	183.86 3.25 0.00	164.40 2.43 0.00	137.12 2.03 0.00	126.40 2.11 0.00	118.56 1.98 0.00	115.29 2.04 0.00	128.92 2.28 0.00	159.37 2.96 0.00	188.79 3.15 0.00	225.95 4.00 0.00	199.03 2.95 0.00	180.37 2.15 0.00	164.06 1.95 0.00	134.08 1.33 0.00	141.68 1.40 0.00	135.07 1.47 0.00
NPX_GEN_1385_PROXY 323591	177.50 9.09 0.00	170.00 8.04 -18.30	166.00 6.52 -31.51	166.00 7.38 -33.56	175.00 7.68 -43.47	200.00 7.98 -58.99	245.00 10.86 -66.90	272.30 12.68 -55.24	236.43 12.82 -43.00	195.56 11.17 -22.43	180.00 9.86 -35.06	164.90 8.83 -31.78	166.95 8.40 -41.98	163.80 8.50 -42.05	185.10 9.37 -49.09	209.00 11.27 -41.33	236.03 13.93 -36.46	253.29 14.65 -16.69	250.00 13.92 -39.99	238.30 13.19 -46.89	225.00 12.00 -50.90	201.90 9.96 -59.19	187.30 9.54 -37.48	185.00 8.68 -42.72
NPX_GEN_CSC 323557	177.33 8.92 0.00	151.13 7.47 0.00	133.85 5.89 0.00	131.94 6.87 -0.01	131.04 7.18 -0.01	141.05 7.98 -0.04	178.28 11.04 -0.01	217.47 13.09 0.00	193.62 13.01 0.00	181.25 11.02 -8.26	153.17 10.14 -7.94	165.59 9.33 -31.97	167.85 8.98 -42.29	164.47 8.84 -42.38	157.17 9.50 -21.03	184.90 11.74 -16.76	218.31 14.66 -18.01	253.47 14.65 -16.87	225.00 14.90 -14.02	219.54 14.08 -27.24	204.13 12.80 -29.22	195.14 10.48 -51.90	149.96 9.67 -0.01	148.15 8.82 -5.74
NSINS_S_GLNS_FALLS 23858	181.72 13.30 0.00	154.72 11.06 0.00	137.18 9.21 0.00	134.32 9.25 0.00	133.01 9.16 0.00	143.54 10.51 0.00	181.04 13.71 -0.09	221.96 17.58 0.00	196.14 15.53 0.00	185.62 13.44 -10.21	155.67 10.81 -9.78	152.59 9.45 -18.85	143.53 8.51 -18.45	137.68 7.93 -16.51	154.16 9.37 -18.15	189.15 12.04 -20.71	201.05 15.04 -0.37	240.15 18.20 0.00	212.17 16.08 0.00	192.66 14.44 0.00	176.66 13.45 -1.10	169.50 10.49 -26.26	151.50 11.22 0.00	144.15 10.55 0.00
NUCOR_STEEL___DRP 24197	153.25 -4.72 10.45	131.33 -4.02 8.31	119.13 -3.46 5.38	116.92 -3.25 4.89	116.10 -2.97 4.78	121.97 -3.86 7.21	150.66 -5.52 11.05	187.27 -5.52 11.60	164.33 -5.24 11.04	146.61 -5.83 9.52	122.11 -5.13 7.84	112.73 -4.85 6.71	105.97 -4.66 5.94	103.38 -4.42 5.45	115.13 -4.69 6.82	141.49 -5.32 9.60	166.80 -5.94 12.90	204.29 -5.55 12.12	178.98 -4.90 12.21	160.95 -5.17 12.11	146.94 -4.70 10.47	121.90 -3.98 6.87	127.96 -4.21 8.11	122.02 -4.14 7.44
NUMBER_THREE_WT_PWR 323818	173.46 5.05 0.00	147.83 4.17 0.00	131.80 3.84 0.00	129.06 4.00 0.00	127.56 3.71 0.00	137.42 4.38 0.00	172.43 5.19 0.00	211.53 7.15 0.00	186.21 5.60 0.00	165.53 3.56 0.00	135.63 0.54 0.00	124.79 0.50 0.00	116.69 0.12 0.00	113.25 0.00 0.00	127.15 0.51 0.00	158.43 2.03 0.00	188.79 3.15 0.00	226.62 4.67 0.00	199.42 3.33 0.00	181.60 3.38 0.00	164.54 2.44 0.00	134.08 1.33 0.00	142.10 1.82 0.00	135.33 1.73 0.00
NYISO_LBMP_REFERENCE 24008	168.41 0.00 0.00	143.66 0.00 0.00	127.96 0.00 0.00	125.06 0.00 0.00	123.85 0.00 0.00	133.03 0.00 0.00	167.24 0.00 0.00	204.38 0.00 0.00	180.60 0.00 0.00	161.97 0.00 0.00	135.09 0.00 0.00	124.29 0.00 0.00	116.58 0.00 0.00	113.25 0.00 0.00	126.64 0.00 0.00	156.40 0.00 0.00	185.64 0.00 0.00	221.95 0.00 0.00	196.09 0.00 0.00	178.22 0.00 0.00	162.11 0.00 0.00	132.75 0.00 0.00	140.28 0.00 0.00	133.60 0.00 0.00
NYPA_BRENTWD____GT 24164	177.33 8.92 0.00	151.13 7.47 0.00	133.85 5.89 0.00	131.82 6.75 -0.01	130.91 7.06 -0.01	140.21 7.18 0.00	177.79 10.54 -0.01	216.85 12.47 0.00	192.89 12.29 0.00	180.75 10.52 -8.26	152.49 9.45 -7.95	165.59 8.70 -32.60	168.30 8.40 -43.32	164.99 8.26 -43.48	156.90 8.99 -21.27	183.95 10.78 -16.76	212.23 11.14 -15.45	254.90 15.53 -17.41	224.68 14.13 -14.47	219.71 13.37 -28.11	184.20 10.38 -11.71	179.52 8.37 -38.40	149.40 9.11 -0.01	142.22 8.15 -0.47

NYPA_GOWANUS____GT5 24156	177.33	150.41	133.85	130.07	128.93	139.02	176.27	214.59	190.17	179.62	150.29	146.37	138.14	133.05	148.15	181.28	196.15	234.15	206.87	188.55	171.42	161.43	147.99	140.54
	8.92	6.75	5.89	5.01	5.08	5.99	9.02	10.21	9.57	9.39	7.29	6.83	6.64	6.45	6.83	8.13	10.20	12.20	10.78	10.33	8.42	7.43	7.71	6.94
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-8.26	-7.91	-15.25	-14.92	-13.35	-14.68	-16.75	-0.30	0.00	0.00	0.00	-0.89	-21.25	0.00	0.00
NYPA_GOWANUS____GT6 24157	177.33	150.41	133.85	130.07	128.93	139.02	176.27	214.59	190.17	179.62	150.29	146.37	138.14	133.05	148.15	181.28	196.15	234.15	206.87	188.55	171.42	161.43	147.99	140.54
	8.92	6.75	5.89	5.01	5.08	5.99	9.02	10.21	9.57	9.39	7.29	6.83	6.64	6.45	6.83	8.13	10.20	12.20	10.78	10.33	8.42	7.43	7.71	6.94
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-8.26	-7.91	-15.25	-14.92	-13.35	-14.68	-16.75	-0.30	0.00	0.00	0.00	-0.89	-21.25	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	177.17	150.14	133.60	129.94	128.82	139.03	176.61	214.59	189.45	179.13	149.74	145.99	137.78	132.82	147.77	180.35	194.85	232.60	205.11	187.48	170.46	161.30	148.14	140.42
	8.75	6.47	5.62	4.87	4.96	5.99	9.36	10.21	8.85	8.90	6.75	6.46	6.29	6.22	6.46	7.20	8.91	10.65	9.02	9.26	7.46	7.30	7.85	6.81
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	0.00	0.00	-8.26	-7.90	-15.24	-14.91	-13.34	-14.67	-16.74	-0.30	0.01	0.01	0.00	-0.89	-21.25	-0.01	-0.01
NYPA_HARLEM__RVR__GT2 24161	177.17	150.14	133.60	129.94	128.82	139.03	176.61	214.59	189.45	179.13	149.74	145.99	137.78	132.82	147.77	180.35	194.85	232.60	205.11	187.48	170.46	161.30	148.14	140.42
	8.75	6.47	5.62	4.87	4.96	5.99	9.36	10.21	8.85	8.90	6.75	6.46	6.29	6.22	6.46	7.20	8.91	10.65	9.02	9.26	7.46	7.30	7.85	6.81
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	0.00	0.00	-8.26	-7.90	-15.24	-14.91	-13.34	-14.67	-16.74	-0.30	0.01	0.01	0.00	-0.89	-21.25	-0.01	-0.01
NYPA_KENT____GT 24152	177.00	150.13	133.46	129.81	128.67	138.75	176.27	214.39	190.17	179.62	150.42	146.50	138.26	133.17	148.28	181.28	196.15	234.15	206.67	188.38	171.26	161.30	147.71	140.28
	8.58	6.47	5.50	4.75	4.83	5.72	9.02	10.01	9.57	9.39	7.42	6.96	6.76	6.57	6.96	8.13	10.20	12.20	10.58	10.15	8.26	7.30	7.43	6.68
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-8.26	-7.91	-15.25	-14.92	-13.35	-14.68	-16.75	-0.30	0.00	0.00	0.00	-0.89	-21.25	0.00	0.00
NYPA_POUCH1____GT 24155	177.17	150.27	133.73	129.93	128.81	138.75	175.93	213.79	189.27	178.97	149.75	145.87	137.67	132.49	147.65	180.66	195.41	233.49	206.08	187.84	170.78	161.03	147.57	140.28
	8.75	6.61	5.76	4.87	4.96	5.72	8.69	9.41	8.67	8.74	6.75	6.34	6.17	5.89	6.33	7.51	9.46	11.53	10.00	9.62	7.78	7.03	7.29	6.68
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-8.26	-7.91	-15.25	-14.92	-13.35	-14.68	-16.75	-0.30	0.00	0.00	0.00	-0.89	-21.25	0.00	0.00
NYPA_VERNON____GT2 24162	176.66	149.69	133.21	129.56	128.43	138.62	176.10	214.39	190.35	179.78	150.56	146.50	138.38	133.17	148.41	181.44	195.96	233.93	206.47	188.20	171.26	161.17	147.57	140.01
	8.25	6.03	5.25	4.50	4.59	5.59	8.86	10.01	9.75	9.55	7.56	6.96	6.88	6.57	7.09	8.28	10.02	11.98	10.39	9.97	8.26	7.16	7.29	6.41
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-8.26	-7.91	-15.25	-14.92	-13.35	-14.68	-16.75	-0.30	0.00	0.00	0.00	-0.89	-21.25	0.00	0.00
NYPA_VERNON____GT3 24163	176.66	149.69	133.21	129.56	128.43	138.62	176.10	214.39	190.35	179.78	150.56	146.50	138.38	133.17	148.41	181.44	195.96	233.93	206.47	188.20	171.26	161.17	147.57	140.01
	8.25	6.03	5.25	4.50	4.59	5.59	8.86	10.01	9.75	9.55	7.56	6.96	6.88	6.57	7.09	8.28	10.02	11.98	10.39	9.97	8.26	7.16	7.29	6.41
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-8.26	-7.91	-15.25	-14.92	-13.35	-14.68	-16.75	-0.30	0.00	0.00	0.00	-0.89	-21.25	0.00	0.00
NYPA____ASTORIA_CC1 323568	176.50	149.69	133.09	129.44	128.30	138.49	175.93	214.19	189.99	179.45	150.15	146.25	138.02	132.94	148.03	180.97	195.59	233.49	206.08	187.84	170.94	161.03	147.43	139.75
	8.08	6.03	5.12	4.37	4.45	5.46	8.69	9.81	9.39	9.23	7.15	6.71	6.52	6.34	6.71	7.82	9.65	11.53	10.00	9.62	7.94	7.03	7.15	6.15
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-8.26	-7.91	-15.25	-14.92	-13.35	-14.68	-16.75	-0.30	0.00	0.00	0.00	-0.89	-21.25	0.00	0.00
NYPA____ASTORIA_CC2 323569	176.50	149.69	133.09	129.44	128.30	138.49	175.93	214.19	189.99	179.45	150.15	146.25	138.02	132.94	148.03	180.97	195.59	233.49	206.08	187.84	170.94	161.03	147.43	139.75
	8.08	6.03	5.12	4.37	4.45	5.46	8.69	9.81	9.39	9.23	7.15	6.71	6.52	6.34	6.71	7.82	9.65	11.53	10.00	9.62	7.94	7.03	7.15	6.15
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-8.26	-7.91	-15.25	-14.92	-13.35	-14.68	-16.75	-0.30	0.00	0.00	0.00	-0.89	-21.25	0.00	0.00
NYPA____HOLTSVILL 23794	176.00	149.98	132.83	130.83	129.92	139.59	176.10	214.39	191.08	179.29	151.27	163.93	166.15	162.92	155.50	182.71	215.32	250.98	221.64	216.45	201.54	193.00	148.14	146.42
	7.59	6.31	4.86	5.76	6.07	6.52	8.86	10.01	10.47	9.06	8.24	7.71	7.35	7.36	7.85	9.54	11.70	12.20	11.57	11.05	10.22	8.37	7.85	7.08
	0.00	0.00	0.00	-0.01	-0.01	-0.04	-0.01	0.00	0.00	-8.26	-7.94	-31.93	-42.22	-42.31	-21.01	-16.76	-17.98	-16.83	-13.98	-27.18	-29.22	-51.88	-0.01	-5.74
NYPA____HELLGATE_GT1 24158	177.17	150.14	133.60	129.94	128.82	139.03	176.61	214.59	189.45	179.13	149.74	145.99	137.78	132.82	147.77	180.35	194.85	232.60	205.11	187.48	170.46	161.30	148.14	140.42
	8.75	6.47	5.62	4.87	4.96	5.99	9.36	10.21	8.85	8.90	6.75	6.46	6.29	6.22	6.46	7.20	8.91	10.65	9.02	9.26	7.46	7.30	7.85	6.81
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	0.00	0.00	-8.26	-7.90	-15.24	-14.91	-13.34	-14.67	-16.74	-0.30	0.01	0.01	0.00	-0.89	-21.25	-0.01	-0.01
NYPA____HELLGATE_GT2 24159	177.17	150.14	133.60	129.94	128.82	139.03	176.61	214.59	189.45	179.13	149.74	145.99	137.78	132.82	147.77	180.35	194.85	232.60	205.11	187.48	170.46	161.30	148.14	140.42
	8.75	6.47	5.62	4.87	4.96	5.99	9.36	10.21	8.85	8.90	6.75	6.46	6.29	6.22	6.46	7.20	8.91	10.65	9.02	9.26	7.46	7.30	7.85	6.81
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	0.00	0.00	-8.26	-7.90	-15.24	-14.91	-13.34	-14.67	-16.74	-0.30	0.01	0.01	0.00	-0.89	-21.25	-0.01	-0.01
NYS_BARGE____HYD 23848	131.80	113.75	105.19	103.72	102.69	102.73	120.06	152.01	130.89	118.41	101.46	93.89	88.95	86.55	94.80	113.85	135.53	167.46	144.75	129.35	118.93	100.63	106.71	105.00
	-21.22	-17.68	-14.84	-14.13	-14.12	-19.69	-30.94	-34.33	-32.51	-29.48	-22.02	-20.39	-18.77	-18.58	-21.66	-28.31	-31.18	-36.62	-33.33	-31.02	-27.72	-21.77	-21.60	-17.64
	15.39	12.24	7.93	7.21	7.04	10.62	16.23	18.04	17.21	14.07	11.61	10.02	8.86	8.12	10.18	14.25	18.93	17.88	18.01	17.86	15.45	10.34	11.97	10.96
OAK ORCHARD____HYD 24046	141.28	121.80	111.87	110.24	109.13	111.89	133.71	169.24	146.62	131.37	111.57	103.25	97.59	95.05	104.60	126.32	150.51	185.18	160.69	143.55	131.96	110.58	117.10	113.28
	-12.29	-10.06	-8.45	-7.87	-7.93	-10.91	-17.89	-18.80	-18.42	-17.00	-12.29	-11.31	-10.38	-10.30	-12.16	-16.27	-16.89	-19.53	-18.04	-17.46	-15.24	-12.08	-11.64	-9.75
	14.84	11.80	7.65	6.95	6.79	10.24	15.63	16.34	15.56	13.60	11.22	9.73	8.61	7.90	9.88	13.81	18.24	17.24	17.36	17.22	14.90	10.09	11.54	10.57

OAKDALE___35_KV_LOAD 356122	143.16 -8.42 16.83	123.10 -7.18 13.38	113.28 -6.01 8.67	111.43 -5.75 7.88	110.58 -5.57 7.69	113.97 -7.45 11.61	138.85 -10.54 17.85	174.61 -11.24 18.53	152.89 -10.48 17.24	135.98 -11.01 14.97	113.21 -9.59 12.28	105.13 -9.07 10.09	99.11 -8.63 8.84	96.75 -8.38 8.12	107.48 -8.86 10.30	131.71 -10.01 14.68	153.88 -10.95 20.81	190.65 -11.76 19.54	166.01 -10.39 19.68	148.72 -9.98 19.52	136.03 -9.24 16.83	114.87 -7.83 10.05	118.78 -8.42 13.08	114.13 -7.48 11.98
OCC_CHEM___DRP 24175	132.04 -20.88 15.49	114.10 -17.24 12.32	105.65 -14.33 7.98	104.17 -13.63 7.26	103.39 -13.38 7.08	101.33 -21.02 10.69	119.95 -30.94 16.34	146.18 -39.85 18.35	129.34 -33.59 17.68	116.05 -31.75 14.17	99.63 -23.78 11.68	92.34 -21.88 10.08	87.62 -20.05 8.91	85.15 -19.93 8.17	93.22 -23.17 10.24	111.42 -30.66 14.33	130.55 -36.01 19.07	163.34 -40.62 18.00	144.43 -33.53 18.13	126.56 -33.68 17.98	116.40 -30.15 15.55	99.00 -23.36 10.39	104.95 -23.29 12.05	104.40 -18.17 11.03
OH_GEN_PROXY 24063	132.54 -20.38 15.49	114.54 -16.81 12.32	105.78 -14.21 7.98	104.18 -13.63 7.26	103.27 -13.50 7.08	103.46 -18.89 10.68	121.29 -29.60 16.34	153.20 -32.91 18.27	132.05 -31.06 17.49	119.62 -28.19 14.16	102.20 -21.20 11.68	94.58 -19.63 10.08	89.60 -18.07 8.91	87.19 -17.89 8.17	95.50 -20.90 10.24	114.70 -27.37 14.34	136.87 -29.71 19.07	168.90 -35.06 17.99	146.20 -31.76 18.12	130.48 -29.77 17.97	119.97 -26.59 15.55	101.51 -20.84 10.41	107.62 -20.62 12.04	105.73 -16.84 11.03
OLIN_CORP_DRP 24177	130.52 -22.40 15.49	112.81 -18.53 12.32	104.37 -15.61 7.98	102.80 -15.01 7.26	101.90 -14.86 7.08	101.86 -20.49 10.69	118.28 -32.61 16.35	146.42 -39.65 18.31	128.85 -34.13 17.62	117.19 -30.61 14.16	100.30 -23.10 11.68	92.72 -21.50 10.07	87.97 -19.70 8.90	85.61 -19.48 8.16	93.73 -22.67 10.24	112.36 -29.72 14.33	130.93 -35.64 19.07	164.67 -39.29 18.00	142.86 -35.10 18.13	127.63 -32.61 17.98	117.37 -29.18 15.55	99.54 -22.83 10.38	105.65 -22.58 12.05	103.59 -18.97 11.03
OLIN_CORP_DSASP 323712	132.04 -20.88 15.49	114.10 -17.24 12.32	105.65 -14.33 7.98	104.17 -13.63 7.26	103.39 -13.38 7.08	101.33 -21.02 10.69	119.95 -30.94 16.34	146.18 -39.85 18.35	129.34 -33.59 17.68	116.05 -31.75 14.17	99.63 -23.78 11.68	92.34 -21.88 10.08	87.62 -20.05 8.91	85.15 -19.93 8.17	93.22 -23.17 10.24	111.42 -30.66 14.33	130.55 -36.01 19.07	163.34 -40.62 18.00	144.43 -33.53 18.13	126.56 -33.68 17.98	116.40 -30.15 15.55	99.00 -23.36 10.39	104.95 -23.29 12.05	104.40 -18.17 11.03
ONEIDA_HERK_LFGE 323681	175.16 6.74 0.00	149.12 5.46 0.00	132.83 4.86 0.00	129.93 4.87 0.00	128.67 4.83 0.00	138.75 5.72 0.00	174.42 7.19 0.00	213.79 9.41 0.00	188.54 7.94 0.00	168.12 6.15 0.00	138.59 3.51 0.00	127.40 3.11 0.00	119.26 2.68 0.00	115.74 2.49 0.00	129.81 3.17 0.00	161.41 5.00 0.00	192.51 6.87 0.00	230.84 8.89 0.00	203.14 7.05 0.00	184.99 6.77 0.00	167.78 5.67 0.00	137.00 4.25 0.00	144.63 4.35 0.00	137.74 4.15 0.00
ONEIDA___115KV_TB4 55905	158.25 -0.84 9.32	135.39 -0.86 7.41	122.65 -0.51 4.80	120.32 -0.38 4.37	119.34 -0.25 4.26	126.47 -0.13 6.43	159.54 1.17 8.86	196.94 1.84 9.28	173.20 1.44 8.84	154.95 0.81 7.83	128.75 0.14 6.48	118.43 -0.12 5.73	111.24 -0.23 5.10	108.35 -0.23 4.67	120.83 0.00 5.81	148.95 0.63 8.08	176.03 0.74 10.35	210.91 -0.22 10.82	184.80 -0.39 10.90	166.88 -0.53 10.81	152.09 -0.65 9.37	125.28 -0.80 6.68	131.92 -1.12 7.24	125.89 -1.07 6.64
ONONDAGA_REF_OCCRA 23987	148.27 -5.56 14.59	127.32 -4.74 11.60	116.35 -4.09 7.51	114.35 -3.88 6.83	113.46 -3.72 6.67	118.45 -4.52 10.06	145.54 -6.19 15.51	181.58 -6.54 16.26	159.16 -5.96 15.48	142.17 -6.32 13.48	118.43 -5.54 11.12	109.44 -5.22 9.63	103.14 -4.90 8.54	100.78 -4.64 7.83	111.92 -4.94 9.78	136.92 -5.79 13.70	161.04 -6.50 18.10	198.59 -6.44 16.93	173.35 -5.69 17.05	155.61 -5.70 16.91	142.13 -5.35 14.63	118.48 -4.38 9.89	124.19 -4.77 11.32	118.54 -4.68 10.39
ONONDAGA___COGEN 23986	154.24 -5.05 9.12	131.96 -4.45 7.25	119.43 -3.84 4.70	117.16 -3.63 4.27	116.21 -3.47 4.17	122.62 -4.12 6.29	152.09 -5.52 9.63	188.36 -5.93 10.09	165.58 -5.42 9.61	147.98 -5.67 8.31	123.24 -5.00 6.85	113.69 -4.72 5.88	106.94 -4.43 5.20	104.29 -4.19 4.77	116.10 -4.56 5.98	142.69 -5.32 8.40	168.47 -5.94 11.23	205.38 -5.99 10.58	180.14 -5.29 10.66	162.31 -5.35 10.57	148.10 -4.86 9.14	122.59 -4.12 6.04	128.71 -4.49 7.08	122.70 -4.41 6.49
ONTARIO___LFGE 23819	148.34 -7.41 12.67	127.42 -6.17 10.07	116.32 -5.12 6.53	114.38 -4.75 5.93	113.35 -4.71 5.79	118.05 -6.25 8.74	144.37 -9.53 13.34	181.04 -9.40 13.94	157.89 -9.40 13.31	140.82 -9.56 11.59	118.10 -7.43 9.56	109.07 -6.96 8.27	102.73 -6.53 7.32	100.20 -6.34 6.72	111.15 -7.09 8.40	135.57 -9.08 11.76	160.79 -9.28 15.57	197.27 -9.98 14.70	172.26 -9.02 14.81	154.26 -9.28 14.69	141.14 -8.26 12.71	117.42 -6.77 8.57	123.57 -6.87 9.84	118.44 -6.14 9.02
ORANGEVILLE_WT_PWR 323706	137.00 -15.49 15.92	118.07 -12.93 12.66	109.01 -10.75 8.20	107.23 -10.38 7.46	105.92 -10.65 7.28	106.49 -15.56 10.98	126.47 -23.92 16.84	156.60 -26.98 20.80	133.66 -24.92 22.02	123.28 -24.13 14.55	103.77 -19.32 12.00	96.22 -17.78 10.30	91.06 -16.43 9.08	88.84 -16.08 8.33	97.56 -18.61 10.47	120.19 -21.58 14.63	142.04 -23.95 19.65	175.92 -27.53 18.50	152.74 -24.71 18.64	136.57 -23.17 18.48	124.89 -21.23 15.99	105.10 -17.12 10.53	110.35 -17.54 12.39	108.10 -14.16 11.34
ORANGEVILLE___ESR 323794	137.00 -15.49 15.92	118.07 -12.93 12.66	109.01 -10.75 8.20	107.23 -10.38 7.46	105.92 -10.65 7.28	106.49 -15.56 10.98	126.47 -23.92 16.84	156.60 -26.98 20.80	133.66 -24.92 22.02	123.28 -24.13 14.55	103.77 -19.32 12.00	96.22 -17.78 10.30	91.06 -16.43 9.08	88.84 -16.08 8.33	97.56 -18.61 10.47	120.19 -21.58 14.63	142.04 -23.95 19.65	175.92 -27.53 18.50	152.74 -24.71 18.64	136.57 -23.17 18.48	124.89 -21.23 15.99	105.10 -17.12 10.53	110.35 -17.54 12.39	108.10 -14.16 11.34
OSWEGATCHIE___HYD 24044	170.94 2.53 0.00	146.10 2.44 0.00	130.39 2.43 0.00	127.69 2.63 0.00	126.32 2.48 0.00	135.83 2.80 0.00	169.40 2.17 0.00	207.45 3.07 0.00	182.59 1.99 0.00	162.78 0.81 0.00	134.28 -0.81 0.00	123.92 -0.37 0.00	116.00 -0.58 0.00	112.46 -0.79 0.00	125.88 -0.76 0.00	156.09 -0.31 0.00	185.45 -0.19 0.00	222.40 0.44 0.00	195.89 -0.20 0.00	178.04 -0.18 0.00	161.62 -0.48 0.00	131.96 -0.79 0.00	140.56 0.28 0.00	134.14 0.54 0.00
OSWEGO___5 23606	190.55 -7.24 -29.37	160.69 -6.32 -23.35	137.59 -5.50 -15.13	133.57 -5.25 -13.75	132.08 -5.20 -13.43	147.30 -5.98 -20.26	190.03 -7.86 -30.65	227.46 -8.99 -32.07	202.88 -8.30 -30.58	181.40 -7.77 -27.20	151.12 -6.48 -22.51	138.27 -6.09 -20.07	128.75 -5.71 -17.88	124.19 -5.43 -16.37	140.89 -6.08 -20.33	177.26 -7.35 -28.20	213.08 -8.35 -35.79	246.50 -9.54 -34.09	221.80 -8.62 -34.33	204.25 -8.02 -34.05	184.34 -7.29 -29.52	148.15 -5.97 -21.37	156.78 -6.31 -22.81	148.64 -5.88 -20.91
OSWEGO___6 23613	190.55 -7.24 -29.37	160.69 -6.32 -23.35	137.59 -5.50 -15.13	133.57 -5.25 -13.75	132.08 -5.20 -13.43	147.30 -5.98 -20.26	190.03 -7.86 -30.65	227.46 -8.99 -32.07	202.88 -8.30 -30.58	181.40 -7.77 -27.20	151.12 -6.48 -22.51	138.27 -6.09 -20.07	128.75 -5.71 -17.88	124.19 -5.43 -16.37	140.89 -6.08 -20.33	177.26 -7.35 -28.20	213.08 -8.35 -35.79	246.50 -9.54 -34.09	221.80 -8.62 -34.33	204.25 -8.02 -34.05	184.34 -7.29 -29.52	148.15 -5.97 -21.37	156.78 -6.31 -22.81	148.64 -5.88 -20.91

OUTOKUMPU-AB___DRP 24206	133.53 -19.37 15.52	115.24 -16.09 12.34	106.53 -13.44 7.99	105.16 -12.63 7.27	104.37 -12.38 7.09	103.71 -18.62 10.70	121.93 -28.93 16.37	150.45 -35.56 18.36	132.55 -30.34 17.71	119.60 -28.18 14.18	102.18 -21.21 11.70	94.45 -19.76 10.08	89.60 -18.07 8.91	87.18 -17.89 8.17	95.50 -20.90 10.25	114.85 -27.21 14.34	134.24 -32.30 19.10	167.98 -35.96 18.02	146.95 -30.98 18.15	130.46 -29.76 18.00	119.62 -26.91 15.57	101.52 -20.84 10.39	107.17 -21.04 12.06	105.45 -17.10 11.05
OXBOW___BTM 323836	132.02 -20.89 15.51	114.09 -17.24 12.33	105.65 -14.33 7.99	104.79 -13.01 7.26	104.01 -12.75 7.09	102.52 -19.82 10.69	120.44 -30.44 16.36	151.48 -34.54 18.35	130.22 -32.69 17.70	117.19 -30.61 14.17	100.98 -22.42 11.69	93.58 -20.63 10.08	88.78 -18.88 8.91	86.28 -18.80 8.17	94.49 -21.91 10.24	112.67 -29.40 14.34	135.74 -30.81 19.08	165.55 -38.40 18.01	144.80 -33.14 18.14	127.80 -32.44 17.99	117.36 -29.18 15.56	100.32 -22.03 10.40	105.50 -22.72 12.05	105.06 -17.50 11.04
OXBOW___ 24026	132.03 -20.88 15.51	114.09 -17.24 12.33	105.64 -14.33 7.99	104.79 -13.01 7.26	104.00 -12.76 7.09	102.52 -19.82 10.69	120.27 -30.60 16.36	147.60 -38.42 18.35	130.22 -32.69 17.70	117.18 -30.61 14.17	100.97 -22.42 11.69	93.58 -20.63 10.08	88.78 -18.89 8.91	86.28 -18.80 8.17	94.49 -21.91 10.24	112.66 -29.40 14.34	131.65 -34.90 19.08	164.66 -39.29 18.01	144.81 -33.14 18.14	127.80 -32.44 17.99	117.36 -29.18 15.56	100.33 -22.04 10.39	105.50 -22.73 12.05	104.39 -18.17 11.04
OXY_CHEM_DSASP 323612	132.04 -20.88 15.49	114.10 -17.24 12.32	105.65 -14.33 7.98	104.17 -13.63 7.26	103.39 -13.38 7.08	101.33 -21.02 10.69	119.95 -30.94 16.34	146.18 -39.85 18.35	129.34 -33.59 17.68	116.05 -31.75 14.17	99.63 -23.78 11.68	92.34 -21.88 10.08	87.62 -20.05 8.91	85.15 -19.93 8.17	93.22 -23.17 10.24	111.42 -30.66 14.33	130.55 -36.01 19.07	163.34 -40.62 18.00	144.43 -33.53 18.13	126.56 -33.68 17.98	116.40 -30.15 15.55	99.00 -23.36 10.39	104.95 -23.29 12.05	104.40 -18.17 11.03
OZONE_PARK_ESR 323760	177.00 8.59 0.00	149.98 6.32 0.00	133.47 5.50 0.00	129.81 4.75 0.00	128.68 4.83 0.00	138.89 5.85 0.00	176.61 9.37 -0.01	216.44 12.06 0.00	191.62 11.02 0.00	180.91 10.69 -8.26	151.78 8.78 -7.91	147.74 8.20 -15.25	139.43 7.93 -14.92	134.30 7.70 -13.35	149.55 8.23 -14.68	183.01 9.85 -16.75	198.57 12.62 -0.30	236.38 14.43 0.00	208.83 12.75 0.00	190.16 11.94 0.00	173.05 10.05 -0.89	162.23 8.23 -21.24	148.41 8.14 0.00	140.81 7.21 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	132.04 -20.88 15.49	114.10 -17.24 12.32	105.65 -14.33 7.98	104.17 -13.63 7.26	103.39 -13.38 7.08	101.33 -21.02 10.69	119.95 -30.94 16.34	146.18 -39.85 18.35	129.34 -33.59 17.68	116.05 -31.75 14.17	99.63 -23.78 11.68	92.34 -21.88 10.08	87.62 -20.05 8.91	85.15 -19.93 8.17	93.22 -23.17 10.24	111.42 -30.66 14.33	130.55 -36.01 19.07	163.34 -40.62 18.00	144.43 -33.53 18.13	126.56 -33.68 17.98	116.40 -30.15 15.55	99.00 -23.36 10.39	104.95 -23.29 12.05	104.40 -18.17 11.03
PACKARD__115KV_DUPONT_184 80571	132.03 -20.89 15.49	114.10 -17.24 12.32	105.65 -14.33 7.98	104.18 -13.63 7.26	103.39 -13.38 7.08	101.33 -21.01 10.69	120.12 -30.77 16.34	150.88 -35.15 18.35	129.34 -33.59 17.68	116.05 -31.75 14.17	99.63 -23.78 11.68	92.34 -21.88 10.08	87.62 -20.05 8.91	85.15 -19.93 8.17	93.22 -23.18 10.24	111.41 -30.66 14.33	135.38 -31.18 19.07	164.01 -39.95 18.00	144.43 -33.53 18.13	126.57 -33.68 17.98	116.40 -30.15 15.55	98.99 -23.37 10.40	105.09 -23.15 12.05	104.93 -17.64 11.03
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	177.17 8.76 0.00	150.27 6.61 0.00	133.59 5.63 0.00	130.06 5.00 0.00	128.80 4.95 0.00	139.02 5.99 0.00	176.61 9.37 -0.01	215.42 11.04 0.00	189.45 8.85 0.00	178.97 8.75 -8.26	149.75 6.75 -7.91	145.88 6.34 -15.25	137.68 6.18 -14.92	132.60 6.00 -13.35	147.65 6.33 -14.68	180.35 7.19 -16.75	195.41 9.47 -0.30	232.61 10.65 0.00	205.30 9.22 0.00	187.31 9.09 0.00	170.45 7.46 -0.89	161.17 7.17 -21.25	147.99 7.72 0.00	140.41 6.81 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	178.52 10.10 0.00	151.28 7.61 0.00	134.49 6.53 0.00	130.94 5.88 0.00	129.67 5.82 0.00	139.95 6.92 0.00	177.78 10.54 -0.01	216.85 12.47 0.00	190.54 9.93 0.00	179.94 9.72 -8.26	150.43 7.43 -7.91	146.50 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.41 7.09 -14.68	181.29 8.13 -16.75	196.52 10.58 -0.30	233.94 11.99 0.00	206.28 10.20 0.00	188.38 10.16 0.00	171.26 8.27 -0.89	161.96 7.97 -21.25	148.84 8.56 0.00	141.35 7.75 0.00
PATROON__115KV_TB1 80586	175.99 7.58 0.00	149.84 6.18 0.00	133.21 5.25 0.00	130.19 5.13 0.00	128.80 4.95 0.00	138.75 5.72 0.00	174.81 7.53 -0.05	211.94 7.56 0.00	187.29 6.68 0.00	178.35 6.48 -9.90	150.65 6.08 -9.48	148.04 5.47 -18.28	139.48 5.01 -17.89	134.13 4.87 -16.01	149.82 5.57 -17.60	183.22 6.73 -20.09	193.80 7.80 -0.36	230.83 8.88 0.00	204.13 8.04 0.00	185.71 7.49 0.00	170.14 6.97 -1.07	163.94 5.71 -25.48	146.87 6.59 0.00	139.88 6.28 0.00
PATTRSNVILLE___SOLAR 323815	174.98 6.56 0.00	148.98 5.32 0.00	132.18 4.22 0.00	129.32 4.25 0.00	128.06 4.21 0.00	138.22 5.18 0.00	174.19 6.86 -0.09	213.16 8.78 0.00	187.64 7.04 0.00	178.25 5.67 -10.62	149.45 4.19 -10.17	147.37 3.48 -19.60	138.91 3.15 -19.18	133.58 3.17 -17.16	149.44 3.93 -18.87	183.88 5.94 -21.53	193.82 7.80 -0.39	231.49 9.54 0.00	204.51 8.43 0.00	185.88 7.66 0.00	170.21 6.97 -1.14	165.36 5.32 -27.29	145.90 5.62 0.00	138.67 5.08 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	136.87 -15.83 15.71	117.81 -13.36 12.49	108.74 -11.13 8.09	106.95 -10.76 7.36	106.14 -10.53 7.18	106.76 -15.43 10.84	128.07 -22.58 16.59	161.81 -23.91 18.65	142.09 -20.41 18.11	127.70 -19.92 14.35	105.96 -17.29 11.83	97.22 -16.90 10.17	91.62 -15.97 8.98	89.27 -15.74 8.24	98.95 -17.35 10.34	122.53 -19.39 14.48	143.63 -22.65 19.36	177.07 -26.63 18.25	153.97 -23.73 18.39	138.96 -21.03 18.23	126.56 -19.78 15.77	106.37 -15.93 10.45	110.80 -17.25 12.22	107.85 -14.56 11.19
PAWLING_115_KV_BK3_REV_LBMP_H 345028	177.34 8.93 0.00	150.70 7.04 0.00	134.23 6.27 0.00	130.69 5.63 0.00	129.42 5.57 0.00	139.68 6.65 0.00	177.28 10.03 -0.01	216.64 12.26 0.00	191.62 11.02 0.00	180.51 10.20 -8.34	151.45 8.38 -7.99	147.52 7.83 -15.40	139.11 7.46 -15.07	133.99 7.25 -13.49	149.45 7.98 -14.83	183.02 9.70 -16.92	198.20 12.25 -0.31	236.60 14.65 0.00	208.64 12.55 0.00	190.16 11.94 0.00	173.22 10.21 -0.90	162.44 8.23 -21.46	148.55 8.28 0.00	140.95 7.35 0.00
PEEKSKILL___ 23653	174.47 6.05 0.00	148.26 4.60 0.00	131.80 3.84 0.00	128.44 3.38 0.00	127.31 3.46 0.00	137.29 4.26 0.00	174.27 7.02 -0.01	212.34 7.96 0.00	188.74 8.13 0.00	178.08 7.93 -8.18	149.54 6.62 -7.84	145.61 6.21 -15.11	137.31 5.94 -14.79	132.25 5.77 -13.23	147.39 6.20 -14.55	180.35 7.35 -16.60	194.85 8.91 -0.30	232.39 10.43 0.00	205.31 9.22 0.00	187.13 8.91 0.00	170.61 7.62 -0.88	160.05 6.24 -21.06	146.31 6.03 0.00	138.80 5.21 0.00
PGE MADISON___WINDPWR 24146	164.50 9.60 13.51	140.97 8.05 10.74	128.55 7.55 6.96	126.24 7.50 6.33	125.35 7.68 6.18	131.96 8.25 9.32	162.55 9.70 14.39	203.23 13.69 14.84	177.90 11.02 13.72	157.81 7.13 11.28	129.86 3.92 9.14	119.86 2.24 6.67	112.25 1.40 5.72	109.31 1.36 5.29	122.66 2.91 6.89	153.05 6.88 10.24	179.65 10.77 16.75	222.50 16.20 15.66	193.65 13.33 15.77	174.88 12.30 15.64	159.24 10.54 13.40	134.46 7.70 6.00	136.40 6.59 10.47	130.66 6.68 9.62

PIERCEFIELD___HYD 23852	171.11 2.69 0.00	146.82 3.16 0.00	131.03 3.07 0.00	128.31 3.25 0.00	126.94 3.10 0.00	136.23 3.19 0.00	169.91 2.68 0.00	207.65 3.27 0.00	183.13 2.53 0.00	163.42 1.46 0.00	135.63 0.54 0.00	124.91 0.62 0.00	117.04 0.47 0.00	113.36 0.11 0.00	126.51 -0.13 0.00	156.40 0.00 0.00	185.83 0.19 0.00	222.84 0.89 0.00	196.28 0.20 0.00	178.22 0.00 0.00	162.11 0.00 0.00	132.35 -0.40 0.00	140.84 0.56 0.00	134.67 1.07 0.00
PINELAWN_CC_1 323563	176.50 8.08 0.00	150.41 6.75 0.00	133.34 5.37 0.00	131.07 6.00 -0.01	129.93 6.07 -0.01	139.68 6.65 0.00	176.77 9.53 -0.01	215.61 11.23 0.00	191.99 11.38 0.00	180.11 9.88 -8.26	151.69 8.65 -7.95	166.83 8.07 -34.47	170.64 7.69 -46.37	167.55 7.59 -46.71	156.84 8.23 -21.97	183.19 10.02 -16.76	214.09 11.70 -16.75	254.81 13.77 -19.09	224.51 12.56 -15.86	220.98 11.94 -30.82	184.34 10.38 -11.85	180.63 8.50 -39.38	148.85 8.56 -0.01	141.45 7.61 -0.24
PJM_GEN_HTTP_PROXY 323702	175.49 7.07 0.00	148.83 5.16 0.00	132.44 4.48 0.00	128.81 3.75 0.00	127.69 3.84 0.00	137.81 4.78 0.00	175.11 7.86 -0.01	213.58 9.21 0.00	189.81 9.21 0.00	179.29 9.06 -8.26	150.55 7.56 -7.91	146.62 7.08 -15.25	138.37 6.88 -14.92	133.17 6.57 -13.35	148.41 7.09 -14.68	181.59 8.44 -16.75	196.15 10.20 -0.30	233.93 11.98 0.00	206.67 10.58 0.00	188.20 9.97 0.00	171.42 8.42 -0.89	161.03 7.03 -21.25	147.15 6.87 0.00	139.47 5.87 0.00
PJM_GEN_KEystone 24065	116.30 -5.55 46.56	101.60 -5.03 37.03	98.03 -4.35 25.58	100.06 -4.38 20.62	106.57 -4.34 12.94	114.52 -5.85 12.66	140.90 -8.02 18.31	156.00 -8.99 39.39	147.71 -7.58 25.32	132.16 -6.96 22.85	124.12 -5.67 5.30	121.94 -5.22 -2.87	114.98 -4.89 -3.30	111.23 -4.87 -2.85	116.20 -5.57 4.87	119.60 -6.88 29.93	141.20 -7.62 36.82	166.26 -8.89 46.81	163.67 -7.85 24.57	151.50 -6.95 19.77	122.10 -6.65 33.35	109.75 -5.45 17.55	101.60 -5.89 32.79	102.79 -4.94 25.87
PJM_GEN_NEPTUNE_PROXY 323594	174.81 6.40 0.00	148.98 5.32 0.00	132.06 4.09 0.00	129.57 4.50 -0.01	128.31 4.45 -0.01	138.36 5.33 0.00	174.94 7.70 -0.01	212.96 8.58 0.00	189.81 9.21 0.00	178.48 8.26 -8.26	149.91 6.89 -7.94	161.40 6.46 -30.65	162.99 6.29 -40.12	159.45 6.11 -40.08	153.75 6.58 -20.52	181.14 7.97 -16.76	208.58 9.28 -13.66	247.80 10.22 -15.63	218.29 9.22 -12.98	212.36 8.91 -25.23	179.39 8.10 -9.18	175.02 6.77 -35.50	146.88 6.59 -0.01	139.35 5.74 -0.01
PJM_GEN_VFT_PROXY 323633	174.30 4.30 0.01	147.83 4.17 0.00	131.54 3.58 0.00	127.94 2.88 0.00	126.82 2.97 0.00	137.02 3.99 0.00	174.10 6.86 -0.01	212.56 8.18 0.00	189.09 8.49 0.00	178.48 8.26 -8.26	149.88 6.89 -7.91	146.00 6.46 -15.25	137.79 6.29 -14.92	132.71 6.11 -13.35	147.77 6.46 -14.68	180.82 7.66 -16.75	195.22 9.28 -0.30	232.83 10.87 0.00	205.69 9.61 0.00	187.31 9.08 0.00	170.62 7.62 -0.89	160.24 6.24 -21.25	146.31 6.03 0.00	138.54 4.95 0.00
PLATSBURG_115KV_PMLD1 355749	172.46 4.04 0.00	147.68 4.02 0.00	131.93 3.97 0.00	129.31 4.25 0.00	128.18 4.33 0.00	137.69 4.66 0.00	172.92 5.69 0.00	211.12 6.74 0.00	186.20 5.60 0.00	166.50 4.54 0.00	138.60 3.51 0.00	127.90 3.60 0.00	119.96 3.38 0.00	116.53 3.28 0.00	130.44 3.80 0.00	161.25 4.85 0.00	191.02 5.38 0.00	229.06 7.10 0.00	201.77 5.69 0.00	182.86 4.63 0.00	166.16 4.05 0.00	135.81 3.05 0.00	143.50 3.23 0.00	136.81 3.21 0.00
PLEASANTVLY___LBMP 24000	174.65 6.23 0.00	148.40 4.74 0.00	131.93 3.97 0.00	128.69 3.63 0.00	127.44 3.59 0.00	137.42 4.39 0.00	174.10 6.86 -0.01	212.55 8.18 0.00	188.19 7.59 0.00	177.99 7.45 -8.57	149.64 6.35 -8.21	145.96 5.84 -15.82	137.66 5.60 -15.49	132.54 5.44 -13.86	147.83 5.95 -15.24	180.83 7.04 -17.38	194.68 8.73 -0.31	231.72 9.77 0.00	204.52 8.43 0.00	186.60 8.38 0.00	170.32 7.29 -0.92	160.78 5.97 -22.05	146.17 5.89 0.00	138.94 5.34 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	175.32 6.90 0.00	148.98 5.32 0.00	132.44 4.48 0.00	129.06 4.00 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.10 7.86 -0.01	213.98 9.61 0.00	189.63 9.03 0.00	179.03 8.75 -8.31	150.34 7.29 -7.96	146.60 6.96 -15.35	138.13 6.53 -15.02	133.03 6.34 -13.44	148.26 6.84 -14.78	181.55 8.29 -16.86	196.34 10.40 -0.31	233.50 11.54 0.00	206.28 10.20 0.00	188.02 9.80 0.00	171.43 8.43 -0.90	161.04 6.90 -21.39	147.01 6.73 0.00	139.61 6.01 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	175.32 6.90 0.00	148.98 5.32 0.00	132.44 4.48 0.00	129.06 4.00 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.10 7.86 -0.01	213.98 9.61 0.00	189.63 9.03 0.00	179.03 8.75 -8.31	150.34 7.29 -7.96	146.60 6.96 -15.35	138.13 6.53 -15.02	133.03 6.34 -13.44	148.26 6.84 -14.78	181.55 8.29 -16.86	196.34 10.40 -0.31	233.50 11.54 0.00	206.28 10.20 0.00	188.02 9.80 0.00	171.43 8.43 -0.90	161.04 6.90 -21.39	147.01 6.73 0.00	139.61 6.01 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	176.16 7.75 0.00	149.70 6.03 0.00	133.21 5.25 0.00	129.81 4.75 0.00	128.55 4.71 0.00	138.75 5.72 0.00	175.94 8.70 -0.01	214.60 10.22 0.00	189.82 9.21 0.00	179.14 8.75 -8.43	150.18 7.02 -8.07	146.31 6.46 -15.56	137.98 6.18 -15.23	132.99 6.12 -13.63	148.33 6.71 -14.98	181.62 8.13 -17.09	196.34 10.40 -0.31	233.72 11.76 0.00	206.48 10.39 0.00	188.20 9.98 0.00	171.61 8.59 -0.91	161.46 7.04 -21.67	147.29 7.01 0.00	139.88 6.28 0.00
POLETTI_____ 23519	175.82 7.41 0.00	149.26 5.60 0.00	132.83 4.86 0.00	129.19 4.13 0.00	128.06 4.21 0.00	138.22 5.19 0.00	175.61 8.36 -0.01	214.19 9.81 0.00	188.37 7.77 0.00	178.00 7.77 -8.26	148.94 5.94 -7.91	145.26 5.72 -15.25	137.21 5.71 -14.92	132.15 5.55 -13.35	147.02 5.70 -14.68	179.41 6.26 -16.75	193.93 7.98 -0.30	230.39 8.43 0.00	202.95 6.86 0.00	186.06 7.84 0.00	169.32 6.32 -0.89	160.37 6.37 -21.25	147.29 7.01 0.00	139.61 6.01 0.00
POMONA___ESR 323819	173.96 5.55 0.00	147.83 4.17 0.00	131.42 3.46 0.00	128.06 3.00 0.00	126.82 2.97 0.00	136.89 3.86 0.00	173.76 6.52 -0.01	211.73 7.35 0.00	188.01 7.41 0.00	177.45 7.45 -8.03	148.86 6.08 -7.69	144.96 5.84 -14.83	136.68 5.60 -14.51	131.67 5.44 -12.98	146.74 5.83 -14.27	179.57 6.87 -16.29	194.30 8.36 -0.29	231.49 9.54 0.00	204.51 8.43 0.00	186.42 8.20 0.00	170.10 7.12 -0.87	159.12 5.70 -20.66	145.90 5.62 0.00	138.40 4.80 0.00
PORT_JEFF_3 23555	176.50 8.08 0.00	150.27 6.61 0.00	133.21 5.25 0.00	131.07 6.00 -0.01	130.17 6.31 -0.01	139.98 6.91 -0.04	176.60 9.36 -0.01	215.20 10.82 0.00	191.62 11.02 0.00	179.78 9.55 -8.26	151.68 8.65 -7.94	164.33 8.07 -31.97	166.55 7.69 -42.28	163.33 7.70 -42.37	155.89 8.23 -21.02	183.19 10.02 -16.76	216.14 12.44 -18.06	251.46 12.64 -16.86	222.06 11.96 -14.01	216.87 11.42 -27.23	202.33 10.70 -29.53	193.79 8.90 -52.14	148.70 8.42 -0.01	146.91 7.48 -5.83
PORT_JEFF_4 23616	176.50 8.08 0.00	150.27 6.61 0.00	133.21 5.25 0.00	131.07 6.00 -0.01	130.17 6.31 -0.01	139.98 6.91 -0.04	176.60 9.36 -0.01	215.20 10.82 0.00	191.62 11.02 0.00	179.78 9.55 -8.26	151.68 8.65 -7.94	164.33 8.07 -31.97	166.55 7.69 -42.28	163.33 7.70 -42.37	155.89 8.23 -21.02	183.19 10.02 -16.76	216.14 12.44 -18.06	251.46 12.64 -16.86	222.06 11.96 -14.01	216.87 11.42 -27.23	202.33 10.70 -29.53	193.79 8.90 -52.14	148.70 8.42 -0.01	146.91 7.48 -5.83

PORT_JEFF_IC 23713	176.67 8.25 0.00	150.56 6.90 0.00	133.34 5.37 0.00	131.32 6.25 -0.01	130.42 6.56 -0.01	140.12 7.05 -0.04	176.94 9.70 -0.01	216.23 11.85 0.00	191.98 11.38 0.00	180.11 9.88 -8.26	151.95 8.92 -7.94	164.70 8.33 -32.08	167.09 8.04 -42.46	163.74 7.93 -42.57	156.19 8.48 -21.07	183.49 10.32 -16.76	216.41 12.44 -18.33	251.35 12.43 -16.97	221.95 11.77 -14.10	216.85 11.23 -27.40	203.46 10.70 -30.66	194.99 9.16 -53.08	148.98 8.70 -0.01	147.49 7.75 -6.15
PPL PILGRIM_ST_GT1 24216	177.33 8.92 0.00	151.13 7.47 0.00	133.85 5.89 0.00	131.82 6.75 -0.01	130.91 7.06 -0.01	140.21 7.18 0.00	177.79 10.54 -0.01	216.85 12.47 0.00	192.89 12.29 0.00	180.75 10.52 -8.26	152.49 9.45 -7.95	165.59 8.70 -32.60	168.30 8.40 -43.32	164.99 8.26 -43.48	156.90 8.99 -21.27	183.95 10.78 -16.76	212.23 11.14 -15.45	254.90 15.53 -17.41	224.68 14.13 -14.47	219.71 13.37 -28.11	184.20 10.38 -11.71	179.52 8.37 -38.40	149.40 9.11 -0.01	142.22 8.15 -0.47
PPL PILGRIM_ST_GT2 24217	177.33 8.92 0.00	151.13 7.47 0.00	133.85 5.89 0.00	131.82 6.75 -0.01	130.91 7.06 -0.01	140.21 7.18 0.00	177.79 10.54 -0.01	216.85 12.47 0.00	192.89 12.29 0.00	180.75 10.52 -8.26	152.49 9.45 -7.95	165.59 8.70 -32.60	168.30 8.40 -43.32	164.99 8.26 -43.48	156.90 8.99 -21.27	183.95 10.78 -16.76	212.23 11.14 -15.45	254.90 15.53 -17.41	224.68 14.13 -14.47	219.71 13.37 -28.11	184.20 10.38 -11.71	179.52 8.37 -38.40	149.40 9.11 -0.01	142.22 8.15 -0.47
PPL_SHRM_GT3 24213	177.50 9.09 0.00	151.27 7.61 0.00	133.85 5.89 0.00	131.94 6.87 -0.01	131.16 7.31 -0.01	141.05 7.98 -0.04	178.28 11.04 -0.01	217.47 13.09 0.00	193.62 13.01 0.00	181.25 11.02 -8.26	153.03 10.00 -7.94	165.64 9.33 -32.02	167.80 8.86 -42.37	164.44 8.72 -42.47	157.19 9.50 -21.05	184.74 11.57 -16.76	218.58 14.86 -18.08	253.74 14.87 -16.91	225.04 14.90 -14.05	219.80 14.26 -27.31	204.50 12.97 -29.42	195.32 10.48 -52.08	150.10 9.82 -0.01	148.20 8.82 -5.79
PPL_SHRM_GT4 24214	177.50 9.09 0.00	151.27 7.61 0.00	133.85 5.89 0.00	131.94 6.87 -0.01	131.16 7.31 -0.01	141.05 7.98 -0.04	178.28 11.04 -0.01	217.47 13.09 0.00	193.62 13.01 0.00	181.25 11.02 -8.26	153.03 10.00 -7.94	165.64 9.33 -32.02	167.80 8.86 -42.37	164.44 8.72 -42.47	157.19 9.50 -21.05	184.74 11.57 -16.76	218.58 14.86 -18.08	253.74 14.87 -16.91	225.04 14.90 -14.05	219.80 14.26 -27.31	204.50 12.97 -29.42	195.32 10.48 -52.08	150.10 9.82 -0.01	148.20 8.82 -5.79
PROJECT___ORANGE 1 24174	147.64 -6.06 14.71	126.79 -5.17 11.70	115.91 -4.48 7.58	113.92 -4.25 6.89	113.04 -4.09 6.72	117.96 -4.92 10.15	145.34 -6.52 15.38	181.12 -7.15 16.10	158.94 -6.32 15.34	142.07 -6.48 13.41	118.47 -5.54 11.07	109.55 -5.10 9.64	103.13 -4.90 8.55	100.77 -4.64 7.84	111.78 -5.07 9.79	136.78 -5.94 13.68	160.83 -6.87 17.94	197.56 -7.32 17.07	172.42 -6.47 17.20	154.75 -6.42 17.05	141.51 -5.84 14.76	117.73 -4.91 10.11	123.66 -5.19 11.42	118.05 -5.08 10.47
PROJECT___ORANGE 2 24166	147.64 -6.06 14.71	126.79 -5.17 11.70	115.91 -4.48 7.58	113.92 -4.25 6.89	113.04 -4.09 6.72	117.96 -4.92 10.15	145.34 -6.52 15.38	181.12 -7.15 16.10	158.94 -6.32 15.34	142.07 -6.48 13.41	118.47 -5.54 11.07	109.55 -5.10 9.64	103.13 -4.90 8.55	100.77 -4.64 7.84	111.78 -5.07 9.79	136.78 -5.94 13.68	160.83 -6.87 17.94	197.56 -7.32 17.07	172.42 -6.47 17.20	154.75 -6.42 17.05	141.51 -5.84 14.76	117.73 -4.91 10.11	123.66 -5.19 11.42	118.05 -5.08 10.47
PUCKETT___SOLAR 323809	149.36 -3.37 15.68	128.17 -3.02 12.47	117.71 -2.18 8.08	115.71 -2.01 7.34	114.82 -1.85 7.17	119.16 -3.05 10.82	145.92 -4.68 16.63	183.03 -4.09 17.27	159.84 -4.70 16.07	142.19 -6.15 13.62	117.75 -6.21 11.12	109.30 -6.21 8.78	103.00 -5.94 7.63	100.56 -5.66 7.03	112.20 -5.44 9.00	138.39 -5.01 13.00	161.62 -4.63 19.38	199.98 -3.77 18.20	174.23 -3.52 18.33	156.48 -3.56 18.18	142.89 -3.57 15.64	120.93 -3.31 8.51	124.17 -3.93 12.18	119.10 -3.33 11.17
PYRITES___HYD 24023	174.48 6.06 0.00	149.55 5.89 0.00	133.34 5.37 0.00	130.69 5.63 0.00	129.30 5.45 0.00	139.02 5.99 0.00	173.76 6.52 0.00	212.35 7.97 0.00	187.11 6.50 0.00	166.66 4.70 0.00	138.06 2.97 0.00	126.90 2.61 0.00	118.91 2.33 0.00	115.29 2.04 0.00	128.92 2.28 0.00	160.00 3.60 0.00	190.47 4.83 0.00	228.61 6.66 0.00	201.38 5.29 0.00	182.86 4.63 0.00	166.32 4.21 0.00	135.67 2.92 0.00	143.93 3.65 0.00	137.74 4.14 0.00
QUAKERRD_115KV_BK1 80622	140.34 -13.64 14.43	120.84 -11.35 11.47	110.81 -9.73 7.43	109.18 -9.13 6.76	108.09 -9.16 6.60	111.37 -11.71 9.95	134.16 -17.89 15.19	167.16 -21.26 15.96	146.81 -18.42 15.38	131.74 -17.01 13.22	111.34 -12.83 10.91	103.02 -11.81 9.47	97.35 -10.84 8.39	94.80 -10.76 7.69	104.61 -12.41 9.62	126.70 -16.27 13.44	148.61 -19.31 17.72	184.56 -20.64 16.75	160.78 -18.43 16.87	143.85 -17.64 16.73	132.06 -15.56 14.48	110.44 -12.48 9.83	116.58 -12.48 11.21	112.10 -11.22 10.27
QUENSBRY_115KV_TB8 356137	182.22 13.81 0.00	155.15 11.49 0.00	137.43 9.47 0.00	134.69 9.63 0.00	133.26 9.41 0.00	143.94 10.91 0.00	181.54 14.22 -0.09	222.77 18.39 0.00	196.68 16.07 0.00	186.27 14.09 -10.22	156.08 11.21 -9.78	152.97 9.82 -18.86	143.89 8.86 -18.46	138.03 8.27 -16.52	154.55 9.75 -18.16	189.64 12.51 -20.72	201.61 15.59 -0.38	240.82 18.87 0.00	212.76 16.67 0.00	193.19 14.97 0.00	177.15 13.94 -1.10	169.92 10.89 -26.28	151.92 11.64 0.00	144.42 10.82 0.00
RAMAPO___LBMP 323565	173.47 5.05 0.00	147.40 3.74 0.00	131.03 3.07 0.00	127.69 2.63 0.00	126.57 2.72 0.00	136.49 3.46 0.00	173.26 6.02 -0.01	211.74 7.36 0.00	187.47 6.86 0.00	176.75 6.80 -7.98	148.40 5.67 -7.64	144.49 5.47 -14.73	136.24 5.25 -14.41	131.13 4.98 -12.90	146.14 5.32 -14.18	179.00 6.41 -16.18	193.91 7.98 -0.29	230.83 8.88 0.00	203.93 7.84 0.00	185.89 7.66 0.00	169.45 6.48 -0.86	158.58 5.31 -20.52	145.47 5.19 0.00	138.14 4.54 0.00
RANKINE____ 23646	136.24 -16.50 15.66	117.27 -13.94 12.45	108.38 -11.52 8.07	106.60 -11.13 7.34	105.66 -11.02 7.16	106.13 -16.10 10.80	125.28 -25.42 16.54	156.44 -29.23 18.71	137.07 -25.28 18.25	124.01 -23.65 14.31	104.65 -18.64 11.80	96.61 -17.53 10.15	91.29 -16.32 8.97	88.94 -16.08 8.22	97.96 -18.36 10.32	119.28 -22.68 14.45	139.43 -26.92 19.29	173.57 -30.19 18.20	150.89 -26.86 18.33	135.45 -24.59 18.18	123.85 -22.53 15.72	104.53 -17.79 10.44	109.86 -18.24 12.18	107.35 -15.10 11.15
RAVENSWOOD_GT2_1 24244	175.66 7.24 0.00	148.98 5.32 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.62 7.08 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.41 7.09 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	234.16 12.21 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.59 8.59 -0.89	161.03 7.04 -21.25	147.15 6.87 0.00	139.74 6.15 0.00
RAVENSWOOD_GT2_2 24245	175.66 7.24 0.00	148.98 5.32 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.62 7.08 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.41 7.09 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	234.16 12.21 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.59 8.59 -0.89	161.03 7.04 -21.25	147.15 6.87 0.00	139.74 6.15 0.00

RAVENSWOOD_GT2_3 24246	175.66 7.24 0.00	148.98 5.32 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.62 7.08 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.41 7.09 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	234.16 12.21 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.59 8.59 -0.89	161.03 7.04 -21.25	147.29 7.01 0.00	139.74 6.15 0.00
RAVENSWOOD_GT2_4 24247	175.66 7.24 0.00	148.98 5.32 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.62 7.08 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.41 7.09 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	234.16 12.21 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.59 8.59 -0.89	161.03 7.04 -21.25	147.29 7.01 0.00	139.74 6.15 0.00
RAVENSWOOD_GT3_1 24248	175.66 7.24 0.00	148.98 5.32 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.62 7.08 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.41 7.09 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	234.16 12.21 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.59 8.59 -0.89	161.03 7.04 -21.25	147.29 7.01 0.00	139.74 6.15 0.00
RAVENSWOOD_GT3_2 24249	175.66 7.24 0.00	148.98 5.32 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.62 7.08 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.41 7.09 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	234.16 12.21 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.59 8.59 -0.89	161.03 7.04 -21.25	147.29 7.01 0.00	139.74 6.15 0.00
RAVENSWOOD_GT3_3 24250	175.99 7.58 0.00	149.26 5.60 0.00	132.70 4.73 0.00	129.19 4.13 0.00	127.94 4.09 0.00	138.22 5.19 0.00	175.61 8.36 -0.01	214.80 10.42 0.00	190.36 9.75 0.00	179.78 9.56 -8.26	150.83 7.84 -7.91	146.87 7.33 -15.25	138.61 7.11 -14.92	133.40 6.80 -13.35	148.67 7.35 -14.68	181.91 8.76 -16.75	197.08 11.14 -0.30	234.61 12.65 0.00	207.07 10.98 0.00	188.74 10.52 0.00	171.75 8.75 -0.89	161.30 7.30 -21.25	147.43 7.15 0.00	139.88 6.28 0.00
RAVENSWOOD_GT3_4 24251	175.99 7.58 0.00	149.26 5.60 0.00	132.70 4.73 0.00	129.19 4.13 0.00	127.94 4.09 0.00	138.22 5.19 0.00	175.61 8.36 -0.01	214.80 10.42 0.00	190.36 9.75 0.00	179.78 9.56 -8.26	150.83 7.84 -7.91	146.87 7.33 -15.25	138.61 7.11 -14.92	133.40 6.80 -13.35	148.67 7.35 -14.68	181.91 8.76 -16.75	197.08 11.14 -0.30	234.61 12.65 0.00	207.07 10.98 0.00	188.74 10.52 0.00	171.75 8.75 -0.89	161.30 7.30 -21.25	147.43 7.15 0.00	139.88 6.28 0.00
RAVENSWOOD_GT_1 23729	176.67 8.25 0.00	149.70 6.03 0.00	133.21 5.25 0.00	129.56 4.50 0.00	128.43 4.58 0.00	138.62 5.59 0.00	176.11 8.86 -0.01	215.21 10.83 0.00	190.36 9.75 0.00	179.78 9.56 -8.26	150.56 7.56 -7.91	146.50 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.41 7.09 -14.68	181.44 8.29 -16.75	196.52 10.58 -0.30	233.94 11.99 0.00	206.48 10.39 0.00	188.20 9.98 0.00	171.26 8.27 -0.89	161.17 7.17 -21.25	147.57 7.29 0.00	140.15 6.55 0.00
RAVENSWOOD_GT_10 24258	175.66 7.24 0.00	148.98 5.32 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.75 7.21 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.41 7.09 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	234.16 12.21 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.59 8.59 -0.89	161.03 7.04 -21.25	147.29 7.01 0.00	139.74 6.15 0.00
RAVENSWOOD_GT_11 24259	175.66 7.24 0.00	148.98 5.32 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.75 7.21 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.41 7.09 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	234.16 12.21 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.59 8.59 -0.89	161.03 7.04 -21.25	147.29 7.01 0.00	139.74 6.15 0.00
RAVENSWOOD_GT_4 24252	175.99 7.58 0.00	149.26 5.60 0.00	132.70 4.73 0.00	129.19 4.13 0.00	127.94 4.09 0.00	138.09 5.06 0.00	175.44 8.19 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.62 7.08 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.41 7.09 -14.68	181.44 8.29 -16.75	196.52 10.58 -0.30	233.94 11.99 0.00	206.68 10.59 0.00	188.20 9.98 0.00	171.43 8.43 -0.89	161.03 7.04 -21.25	147.29 7.01 0.00	139.74 6.15 0.00
RAVENSWOOD_GT_5 24254	175.99 7.58 0.00	149.26 5.60 0.00	132.70 4.73 0.00	129.19 4.13 0.00	127.94 4.09 0.00	138.09 5.06 0.00	175.44 8.19 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.62 7.08 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.41 7.09 -14.68	181.44 8.29 -16.75	196.52 10.58 -0.30	233.94 11.99 0.00	206.68 10.59 0.00	188.20 9.98 0.00	171.43 8.43 -0.89	161.03 7.04 -21.25	147.29 7.01 0.00	139.74 6.15 0.00
RAVENSWOOD_GT_6 24253	175.99 7.58 0.00	149.26 5.60 0.00	132.70 4.73 0.00	129.19 4.13 0.00	127.94 4.09 0.00	138.09 5.06 0.00	175.44 8.19 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.62 7.08 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.41 7.09 -14.68	181.44 8.29 -16.75	196.52 10.58 -0.30	233.94 11.99 0.00	206.68 10.59 0.00	188.20 9.98 0.00	171.43 8.43 -0.89	161.03 7.04 -21.25	147.29 7.01 0.00	139.74 6.15 0.00
RAVENSWOOD_GT_7 24255	175.99 7.58 0.00	149.26 5.60 0.00	132.70 4.73 0.00	129.19 4.13 0.00	127.94 4.09 0.00	138.09 5.06 0.00	175.44 8.19 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.62 7.08 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.41 7.09 -14.68	181.44 8.29 -16.75	196.52 10.58 -0.30	233.94 11.99 0.00	206.68 10.59 0.00	188.20 9.98 0.00	171.43 8.43 -0.89	161.03 7.04 -21.25	147.29 7.01 0.00	139.74 6.15 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	175.66 7.24 0.00	148.98 5.32 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.75 7.21 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.41 7.09 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	234.16 12.21 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.59 8.59 -0.89	161.03 7.04 -21.25	147.29 7.01 0.00	139.74 6.15 0.00
RAVENSWOOD_GT_9 24257	175.66 7.24 0.00	148.98 5.32 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.60 10.22 0.00	190.00 9.39 0.00	179.46 9.23 -8.26	150.56 7.56 -7.91	146.75 7.21 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.41 7.09 -14.68	181.60 8.45 -16.75	196.71 10.77 -0.30	234.16 12.21 0.00	206.68 10.59 0.00	188.38 10.16 0.00	171.59 8.59 -0.89	161.03 7.04 -21.25	147.29 7.01 0.00	139.74 6.15 0.00

RAVENSWOOD___1 23533	176.50 8.08 0.00	149.69 6.03 0.00	133.09 5.12 0.00	129.44 4.37 0.00	128.30 4.45 0.00	138.49 5.46 0.00	175.93 8.69 -0.01	214.19 9.81 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.42 7.42 -7.91	146.50 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.28 6.96 -14.68	181.28 8.13 -16.75	195.96 10.02 -0.30	233.93 11.98 0.00	206.47 10.39 0.00	188.20 9.97 0.00	171.26 8.26 -0.89	161.17 7.16 -21.25	147.57 7.29 0.00	139.88 6.28 0.00
RAVENSWOOD___2 23534	176.50 8.08 0.00	149.55 5.89 0.00	133.09 5.12 0.00	129.44 4.37 0.00	128.30 4.45 0.00	138.49 5.46 0.00	175.93 8.69 -0.01	214.19 9.81 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.42 7.42 -7.91	146.50 6.96 -15.25	138.26 6.76 -14.92	133.05 6.45 -13.35	148.28 6.96 -14.68	181.28 8.13 -16.75	195.96 10.02 -0.30	233.71 11.76 0.00	206.28 10.19 0.00	188.20 9.97 0.00	171.10 8.10 -0.89	161.03 7.03 -21.25	147.43 7.15 0.00	139.88 6.28 0.00
RAVENSWOOD___3 23535	175.65 7.24 0.00	148.98 5.32 0.00	132.56 4.60 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.96 4.93 0.00	175.27 8.03 -0.01	213.79 9.41 0.00	189.99 9.39 0.00	179.45 9.23 -8.26	150.56 7.56 -7.91	146.62 7.08 -15.25	138.38 6.88 -14.92	133.28 6.68 -13.35	148.41 7.09 -14.68	181.59 8.44 -16.75	196.15 10.20 -0.30	233.93 11.98 0.00	206.67 10.58 0.00	188.38 10.15 0.00	171.58 8.59 -0.89	161.03 7.03 -21.25	147.29 7.01 0.00	139.62 6.02 0.00
RAVENSWOOD___4 23820	176.33 7.92 0.00	149.55 5.89 0.00	132.95 4.99 0.00	129.44 4.37 0.00	128.18 4.33 0.00	138.49 5.46 0.00	175.93 8.69 -0.01	214.19 9.81 0.00	190.17 9.57 0.00	179.62 9.39 -8.26	150.42 7.42 -7.91	146.50 6.96 -15.25	138.26 6.76 -14.92	133.05 6.45 -13.35	148.28 6.96 -14.68	181.28 8.13 -16.75	195.77 9.83 -0.30	233.71 11.76 0.00	206.28 10.19 0.00	188.02 9.80 0.00	171.10 8.10 -0.89	161.03 7.03 -21.25	147.43 7.15 0.00	139.75 6.15 0.00
RCPL_TRUST___DRP 24196	175.66 7.24 0.00	149.12 5.46 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.80 10.42 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.83 7.84 -7.91	146.87 7.33 -15.25	138.61 7.11 -14.92	133.40 6.80 -13.35	148.66 7.35 -14.68	181.76 8.60 -16.75	196.90 10.95 -0.30	234.38 12.43 0.00	207.07 10.98 0.00	188.56 10.34 0.00	171.75 8.75 -0.89	161.16 7.17 -21.24	147.29 7.01 0.00	139.74 6.15 0.00
RED___ROCHESTER 323720	142.08 -11.46 14.88	122.64 -9.20 11.83	112.75 -7.55 7.66	111.09 -7.00 6.97	109.86 -7.19 6.80	112.53 -10.24 10.26	134.51 -17.06 15.66	170.65 -17.37 16.36	147.85 -17.16 15.60	132.30 -16.04 13.63	112.36 -11.48 11.25	104.10 -10.44 9.75	98.39 -9.56 8.63	95.94 -9.40 7.92	105.59 -11.15 9.90	127.54 -15.02 13.85	151.77 -15.59 18.28	186.71 -17.97 17.27	162.02 -16.67 17.40	144.75 -16.22 17.25	133.07 -14.10 14.93	111.62 -11.02 10.12	118.05 -10.67 11.56	114.18 -8.82 10.59
REGAN___SOLAR 323812	178.35 9.93 0.00	151.85 8.18 0.00	134.49 6.52 0.00	131.81 6.75 0.00	130.53 6.68 0.00	141.28 8.25 0.00	178.19 10.86 -0.09	218.47 14.09 0.00	190.53 9.93 0.00	179.68 6.64 -11.07	149.88 4.19 -10.60	147.71 2.98 -20.44	139.14 2.56 -20.00	133.98 2.83 -17.90	151.00 4.69 -19.68	187.30 8.44 -22.45	197.94 11.89 -0.41	236.83 14.87 0.00	209.23 13.14 0.00	190.16 11.94 0.00	173.99 10.70 -1.19	169.31 8.10 -28.46	148.55 8.27 0.00	141.21 7.61 0.00
RENSSELAER___COGEN 23796	174.81 6.40 0.00	148.83 5.16 0.00	132.32 4.35 0.00	129.32 4.25 0.00	128.06 4.21 0.00	137.81 4.78 0.00	173.79 6.52 -0.04	210.50 6.13 0.00	186.02 5.41 0.00	177.15 5.34 -9.85	149.52 5.00 -9.43	146.94 4.47 -18.18	138.56 4.19 -17.80	133.24 4.07 -15.92	148.84 4.69 -17.51	182.00 5.62 -19.98	192.32 6.32 -0.36	229.27 7.31 0.00	202.76 6.67 0.00	184.63 6.41 0.00	169.17 6.00 -1.06	162.84 4.77 -25.31	145.90 5.62 0.00	139.08 5.48 0.00
REPUBLIC_115KV_BARTNBRK 55605	188.79 20.38 0.00	160.76 17.10 0.00	141.91 13.95 0.00	139.32 14.26 0.00	137.84 13.99 0.00	149.26 16.23 0.00	188.23 20.90 -0.09	231.56 27.18 0.00	204.26 23.66 0.00	192.26 20.08 -10.21	160.80 15.94 -9.78	156.94 13.80 -18.85	147.26 12.24 -18.45	141.42 11.66 -16.51	158.46 13.68 -18.15	195.10 17.99 -20.71	209.22 23.20 -0.37	250.14 28.19 0.00	221.19 25.10 0.00	200.50 22.28 0.00	183.63 20.43 -1.10	174.95 15.93 -26.26	156.97 16.69 0.00	149.36 15.76 0.00
REVERE_CPPR_DRP 24186	180.71 12.29 0.00	153.72 10.06 0.00	137.05 9.09 0.00	134.07 9.00 0.00	133.01 9.16 0.00	143.68 10.64 0.00	180.62 13.38 0.00	221.75 17.37 0.00	195.77 15.17 0.00	174.11 12.15 0.00	143.19 8.11 0.00	131.25 6.96 0.00	122.76 6.18 0.00	119.03 5.78 0.00	133.73 7.09 0.00	167.04 10.64 0.00	199.75 14.11 0.00	240.15 18.20 0.00	210.79 14.71 0.00	192.12 13.90 0.00	173.94 11.83 0.00	141.78 9.03 0.00	149.26 8.98 0.00	142.02 8.42 0.00
REYNLDPA_13_KV_LD 356490	169.09 0.68 0.00	144.67 1.01 0.00	128.98 1.02 0.00	126.31 1.25 0.00	124.96 1.11 0.00	134.23 1.19 0.00	168.42 1.18 0.00	205.61 1.23 0.00	181.51 0.91 0.00	162.62 0.65 0.00	135.36 0.27 0.00	124.67 0.37 0.00	116.93 0.35 0.00	113.59 0.34 0.00	127.15 0.51 0.00	157.03 0.63 0.00	186.20 0.56 0.00	222.85 0.89 0.00	196.68 0.59 0.00	178.58 0.36 0.00	162.43 0.32 0.00	132.88 0.13 0.00	140.56 0.28 0.00	134.00 0.40 0.00
REYNOLDS_115KV_TB3 80639	175.49 7.07 0.00	149.41 5.75 0.00	132.83 4.86 0.00	129.81 4.75 0.00	128.55 4.71 0.00	138.35 5.32 0.00	174.47 7.19 -0.05	212.35 7.97 0.00	187.65 7.04 0.00	178.47 6.64 -9.86	150.48 5.94 -9.45	147.97 5.47 -18.21	139.41 5.01 -17.82	134.07 4.87 -15.95	149.62 5.45 -17.53	183.13 6.73 -20.00	193.80 7.80 -0.36	231.05 9.10 0.00	204.13 8.04 0.00	185.89 7.66 0.00	170.14 6.97 -1.06	163.83 5.71 -25.37	146.59 6.31 0.00	139.61 6.01 0.00
RIVERBAY____ 323610	178.52 10.10 0.00	151.28 7.61 0.00	134.49 6.53 0.00	130.94 5.88 0.00	129.67 5.82 0.00	139.95 6.92 0.00	177.78 10.54 -0.01	216.85 12.47 0.00	190.54 9.93 0.00	179.94 9.72 -8.26	150.43 7.43 -7.91	146.50 6.96 -15.25	138.26 6.76 -14.92	133.17 6.57 -13.35	148.41 7.09 -14.68	181.29 8.13 -16.75	196.52 10.58 -0.30	233.94 11.99 0.00	206.28 10.20 0.00	188.38 10.16 0.00	171.26 8.27 -0.89	161.96 7.97 -21.25	148.84 8.56 0.00	141.35 7.75 0.00
RIVERSDE_115KV_TB3 55908	175.49 7.07 0.00	149.41 5.75 0.00	132.83 4.86 0.00	129.81 4.75 0.00	128.55 4.71 0.00	138.35 5.32 0.00	174.48 7.19 -0.05	211.74 7.36 0.00	187.11 6.50 0.00	178.18 6.32 -9.90	150.37 5.81 -9.48	147.78 5.22 -18.27	139.24 4.78 -17.88	133.89 4.64 -16.00	149.55 5.32 -17.59	182.89 6.41 -20.07	193.43 7.43 -0.36	230.61 8.66 0.00	203.74 7.65 0.00	185.53 7.31 0.00	169.98 6.81 -1.07	163.65 5.44 -25.46	146.59 6.31 0.00	139.61 6.01 0.00
ROARING___BROOK_WT_PWR 323790	168.75 0.34 0.00	144.09 0.43 0.00	128.35 0.39 0.00	125.31 0.25 0.00	123.72 -0.12 0.00	132.50 -0.53 0.00	166.07 -1.16 0.00	202.34 -2.04 0.00	178.62 -1.98 0.00	160.35 -1.62 0.00	133.74 -1.35 0.00	123.05 -1.24 0.00	115.41 -1.17 0.00	112.12 -1.13 0.00	125.37 -1.27 0.00	154.69 -1.72 0.00	183.22 -2.42 0.00	218.63 -3.32 0.00	192.75 -3.33 0.00	175.02 -3.20 0.00	159.19 -2.91 0.00	130.49 -2.26 0.00	137.89 -2.39 0.00	131.33 -2.27 0.00

ROCHESRG_115KV_T4 355643	140.68 -12.80 14.94	121.30 -10.49 11.88	111.44 -8.83 7.69	109.81 -8.25 6.99	108.72 -8.30 6.83	111.29 -11.44 10.30	132.95 -18.56 15.72	165.57 -22.28 16.54	145.55 -19.14 15.91	130.79 -17.49 13.68	110.96 -12.83 11.29	102.69 -11.81 9.80	97.18 -10.73 8.67	94.65 -10.65 7.95	104.15 -12.54 9.95	125.76 -16.74 13.91	147.24 -20.05 18.35	183.53 -21.09 17.34	159.60 -19.02 17.47	142.72 -18.18 17.32	131.23 -15.89 14.99	110.11 -12.48 10.16	116.33 -12.34 11.61	112.41 -10.55 10.64
ROCHESTER_9_IC 23652	141.58 -11.96 14.87	122.07 -9.77 11.83	112.24 -8.06 7.66	110.59 -7.50 6.97	109.37 -7.68 6.80	112.13 -10.64 10.26	133.85 -17.73 15.66	167.18 -20.85 16.36	147.13 -17.88 15.59	131.82 -16.52 13.62	111.82 -12.02 11.24	103.60 -10.94 9.75	97.92 -10.03 8.63	95.37 -9.97 7.91	104.96 -11.78 9.90	126.77 -15.80 13.84	148.62 -18.75 18.27	185.37 -19.31 17.27	161.24 -17.45 17.40	144.04 -16.93 17.25	132.42 -14.75 14.93	110.96 -11.68 10.11	117.36 -11.36 11.56	113.26 -9.75 10.59
ROCKVIEW_13_KV_LD 356306	175.82 7.41 0.00	149.26 5.60 0.00	132.70 4.73 0.00	129.31 4.25 0.00	128.06 4.21 0.00	138.35 5.32 0.00	175.61 8.36 -0.01	215.01 10.63 0.00	190.54 9.93 0.00	179.94 9.72 -8.26	151.10 8.11 -7.91	147.12 7.58 -15.25	138.73 7.23 -14.92	133.63 7.02 -13.35	148.92 7.60 -14.68	182.23 9.07 -16.75	197.27 11.32 -0.30	234.83 12.87 0.00	207.46 11.37 0.00	189.09 10.87 0.00	172.24 9.24 -0.89	161.57 7.57 -21.25	147.57 7.29 0.00	140.01 6.41 0.00
ROME____115KV_TB2 80656	180.71 12.29 0.00	153.72 10.06 0.00	137.05 9.09 0.00	134.07 9.00 0.00	133.01 9.16 0.00	143.68 10.64 0.00	180.62 13.38 0.00	221.75 17.37 0.00	195.77 15.17 0.00	174.11 12.15 0.00	143.19 8.11 0.00	131.25 6.96 0.00	122.76 6.18 0.00	119.03 5.78 0.00	133.73 7.09 0.00	167.04 10.64 0.00	199.75 14.11 0.00	240.15 18.20 0.00	210.79 14.71 0.00	192.12 13.90 0.00	173.94 11.83 0.00	141.78 9.03 0.00	149.26 8.98 0.00	142.02 8.42 0.00
ROSETON___1 23587	173.96 5.55 0.00	147.83 4.17 0.00	131.54 3.58 0.00	128.19 3.13 0.00	126.95 3.10 0.00	137.02 3.99 0.00	173.60 6.35 -0.01	211.33 6.95 0.00	187.47 6.86 0.00	177.18 6.96 -8.26	148.80 5.80 -7.91	145.00 5.46 -15.25	136.75 5.25 -14.92	131.70 5.10 -13.35	146.76 5.44 -14.68	179.72 6.57 -16.75	193.38 7.43 -0.30	230.39 8.43 0.00	203.54 7.45 0.00	185.88 7.66 0.00	169.80 6.81 -0.89	159.70 5.70 -21.25	145.74 5.47 0.00	138.40 4.80 0.00
ROSETON___2 23588	173.96 5.55 0.00	147.83 4.17 0.00	131.54 3.58 0.00	128.19 3.13 0.00	126.95 3.10 0.00	137.02 3.99 0.00	173.60 6.35 -0.01	211.33 6.95 0.00	187.47 6.86 0.00	177.18 6.96 -8.26	148.80 5.80 -7.91	145.00 5.46 -15.25	136.75 5.25 -14.92	131.70 5.10 -13.35	146.76 5.44 -14.68	179.72 6.57 -16.75	193.38 7.43 -0.30	230.39 8.43 0.00	203.54 7.45 0.00	185.88 7.66 0.00	169.80 6.81 -0.89	159.70 5.70 -21.25	145.74 5.47 0.00	138.40 4.80 0.00
ROTRDAM_115KV_TB3 80664	174.31 5.89 0.00	148.40 4.74 0.00	131.93 3.97 0.00	128.94 3.88 0.00	127.69 3.84 0.00	137.56 4.52 0.00	173.35 6.02 -0.10	211.94 7.56 0.00	187.29 6.68 0.00	178.28 5.99 -10.32	149.84 4.86 -9.89	147.70 4.35 -19.06	139.19 3.96 -18.65	133.79 3.85 -16.69	149.42 4.43 -18.35	182.98 5.63 -20.94	193.07 7.05 -0.38	230.17 8.21 0.00	203.34 7.26 0.00	184.99 6.77 0.00	169.38 6.16 -1.11	164.22 4.91 -26.56	145.33 5.05 0.00	138.27 4.68 0.00
RUSSELL___1 23602	142.09 -11.45 14.88	122.64 -9.19 11.83	112.75 -7.55 7.66	111.09 -7.00 6.97	109.86 -7.18 6.80	112.53 -10.24 10.26	134.35 -17.23 15.66	167.99 -20.03 16.36	147.85 -17.16 15.60	132.30 -16.03 13.63	112.36 -11.48 11.25	104.10 -10.44 9.75	98.50 -9.44 8.63	95.93 -9.40 7.92	105.59 -11.14 9.90	127.54 -15.01 13.85	149.35 -18.01 18.28	186.26 -18.42 17.27	162.02 -16.67 17.40	144.75 -16.22 17.25	133.07 -14.10 14.93	111.62 -11.02 10.11	118.06 -10.66 11.56	113.79 -9.22 10.59
RUSSELL___2 23532	142.09 -11.45 14.88	122.64 -9.19 11.83	112.75 -7.55 7.66	111.09 -7.00 6.97	109.86 -7.18 6.80	112.53 -10.24 10.26	134.35 -17.23 15.66	167.99 -20.03 16.36	147.85 -17.16 15.60	132.30 -16.03 13.63	112.36 -11.48 11.25	104.10 -10.44 9.75	98.50 -9.44 8.63	95.93 -9.40 7.92	105.59 -11.14 9.90	127.54 -15.01 13.85	149.35 -18.01 18.28	186.26 -18.42 17.27	162.02 -16.67 17.40	144.75 -16.22 17.25	133.07 -14.10 14.93	111.62 -11.02 10.11	118.06 -10.66 11.56	113.79 -9.22 10.59
RUSSELL___3 23549	142.09 -11.45 14.88	122.64 -9.19 11.83	112.75 -7.55 7.66	111.09 -7.00 6.97	109.86 -7.18 6.80	112.53 -10.24 10.26	134.35 -17.23 15.66	167.99 -20.03 16.36	147.85 -17.16 15.60	132.30 -16.03 13.63	112.36 -11.48 11.25	104.10 -10.44 9.75	98.50 -9.44 8.63	95.93 -9.40 7.92	105.59 -11.14 9.90	127.54 -15.01 13.85	149.35 -18.01 18.28	186.26 -18.42 17.27	162.02 -16.67 17.40	144.75 -16.22 17.25	133.07 -14.10 14.93	111.62 -11.02 10.11	118.06 -10.66 11.56	113.79 -9.22 10.59
RUSSELL___4 23556	142.09 -11.45 14.88	122.64 -9.19 11.83	112.75 -7.55 7.66	111.09 -7.00 6.97	109.86 -7.18 6.80	112.53 -10.24 10.26	134.35 -17.23 15.66	167.99 -20.03 16.36	147.85 -17.16 15.60	132.30 -16.03 13.63	112.36 -11.48 11.25	104.10 -10.44 9.75	98.50 -9.44 8.63	95.93 -9.40 7.92	105.59 -11.14 9.90	127.54 -15.01 13.85	149.35 -18.01 18.28	186.26 -18.42 17.27	162.02 -16.67 17.40	144.75 -16.22 17.25	133.07 -14.10 14.93	111.62 -11.02 10.11	118.06 -10.66 11.56	113.79 -9.22 10.59
RUSSELL___STATION 23914	142.09 -11.45 14.88	122.64 -9.19 11.83	112.75 -7.55 7.66	111.09 -7.00 6.97	109.86 -7.18 6.80	112.53 -10.24 10.26	134.35 -17.23 15.66	167.99 -20.03 16.36	147.85 -17.16 15.60	132.30 -16.03 13.63	112.36 -11.48 11.25	104.10 -10.44 9.75	98.50 -9.44 8.63	95.93 -9.40 7.92	105.59 -11.14 9.90	127.54 -15.01 13.85	149.35 -18.01 18.28	186.26 -18.42 17.27	162.02 -16.67 17.40	144.75 -16.22 17.25	133.07 -14.10 14.93	111.62 -11.02 10.11	118.06 -10.66 11.56	113.79 -9.22 10.59
S SALMON___HYD 24043	164.21 -4.20 0.00	139.93 -3.74 0.00	124.89 -3.07 0.00	122.19 -2.87 0.00	121.12 -2.73 0.00	129.84 -3.19 0.00	162.73 -4.51 0.00	200.08 -4.30 0.00	176.27 -4.34 0.00	157.26 -4.70 0.00	130.63 -4.45 0.00	120.07 -4.23 0.00	112.49 -4.08 0.00	109.28 -3.97 0.00	122.46 -4.18 0.00	151.86 -4.54 0.00	180.64 -5.00 0.00	216.86 -5.10 0.00	191.38 -4.71 0.00	173.59 -4.63 0.00	157.74 -4.37 0.00	128.90 -3.85 0.00	136.35 -3.93 0.00	130.00 -3.60 0.00
S.PERRY__115KV_TB1 80734	135.86 -16.84 15.72	116.94 -14.22 12.50	107.84 -12.03 8.10	106.32 -11.38 7.36	105.15 -11.52 7.19	107.03 -15.17 10.84	128.03 -22.58 16.63	163.08 -27.39 13.91	147.76 -23.12 9.73	124.43 -23.16 14.38	104.59 -18.64 11.85	96.71 -17.40 10.18	91.40 -16.20 8.98	89.28 -15.74 8.23	98.18 -18.11 10.35	121.14 -20.80 14.46	143.03 -23.20 19.40	178.61 -25.08 18.27	155.33 -22.35 18.40	138.95 -21.03 18.25	127.52 -18.80 15.78	107.08 -15.27 10.40	112.20 -15.85 12.23	108.11 -14.30 11.19
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	134.48 -18.36 15.58	116.05 -15.23 12.39	107.14 -12.80 8.02	105.51 -12.26 7.30	104.59 -12.14 7.12	104.73 -17.56 10.74	122.87 -27.93 16.44	152.45 -33.31 18.62	133.76 -28.72 18.13	121.33 -26.40 14.24	103.22 -20.13 11.74	95.41 -18.77 10.12	90.38 -17.25 8.94	87.95 -17.10 8.20	96.47 -19.88 10.28	116.67 -25.34 14.39	136.20 -30.26 19.18	170.57 -33.29 18.10	148.25 -29.61 18.23	132.52 -27.62 18.07	121.51 -24.96 15.64	102.69 -19.65 10.41	108.53 -19.64 12.11	106.34 -16.17 11.09

SAWYER___23_KV_LOAD 55526	134.48 -18.36 15.58	116.05 -15.23 12.39	107.14 -12.80 8.02	105.51 -12.26 7.30	104.59 -12.14 7.12	104.73 -17.56 10.74	122.87 -27.93 16.44	152.45 -33.31 18.62	133.76 -28.72 18.13	121.33 -26.40 14.24	103.22 -20.13 11.74	95.41 -18.77 10.12	90.38 -17.25 8.94	87.95 -17.10 8.20	96.47 -19.88 10.28	116.67 -25.34 14.39	136.20 -30.26 19.18	170.57 -33.29 18.10	148.25 -29.61 18.23	132.52 -27.62 18.07	121.51 -24.96 15.64	102.69 -19.65 10.41	108.53 -19.64 12.11	106.34 -16.17 11.09
SELKIRK___I 23801	175.32 6.91 0.00	149.26 5.60 0.00	132.70 4.74 0.00	129.69 4.63 0.00	128.43 4.59 0.00	138.22 5.18 0.00	174.13 6.86 -0.03	211.53 7.15 0.00	186.75 6.14 0.00	177.23 5.51 -9.75	149.15 4.73 -9.34	146.52 4.23 -18.00	138.16 3.97 -17.61	132.86 3.85 -15.76	148.52 4.55 -17.33	181.97 5.79 -19.77	192.87 6.87 -0.36	230.17 8.22 0.00	203.35 7.26 0.00	184.99 6.77 0.00	169.31 6.16 -1.05	162.86 5.04 -25.06	146.03 5.75 0.00	139.21 5.61 0.00
SELKIRK___II 23799	173.96 5.55 0.00	148.12 4.46 0.00	131.80 3.84 0.00	128.69 3.63 0.00	127.44 3.59 0.00	137.16 4.13 0.00	172.96 5.69 -0.03	209.90 5.52 0.00	185.65 5.05 0.00	176.63 4.85 -9.81	148.93 4.45 -9.39	146.37 3.98 -18.10	138.02 3.73 -17.72	132.73 3.62 -15.85	148.24 4.17 -17.43	181.29 5.00 -19.89	191.76 5.76 -0.36	228.61 6.65 0.00	201.97 5.88 0.00	183.92 5.70 0.00	168.35 5.19 -1.06	162.33 4.37 -25.21	145.19 4.91 0.00	138.27 4.67 0.00
SENECA OSWGO___HYD 24041	164.42 -6.91 -2.92	140.08 -5.90 -2.32	124.34 -5.12 -1.50	121.42 -5.01 -1.37	120.35 -4.83 -1.33	129.58 -5.46 -2.01	163.05 -7.19 -3.00	199.76 -7.77 -3.14	176.37 -7.23 -3.00	157.64 -7.12 -2.79	131.48 -5.94 -2.33	120.90 -5.59 -2.20	113.32 -5.24 -1.98	110.08 -4.98 -1.81	123.42 -5.44 -2.22	152.87 -6.56 -3.02	181.72 -7.43 -3.51	217.13 -8.21 -3.38	192.25 -7.25 -3.41	174.47 -7.13 -3.38	158.56 -6.49 -2.94	129.88 -5.31 -2.45	136.93 -5.62 -2.26	130.19 -5.48 -2.08
SENECA___115KV_TB3 355854	136.42 -16.33 15.66	117.56 -13.65 12.45	108.63 -11.26 8.07	106.84 -10.88 7.34	105.91 -10.78 7.16	106.26 -15.97 10.80	125.61 -25.09 16.54	158.29 -27.38 18.71	137.43 -24.92 18.25	124.34 -23.32 14.31	104.79 -18.50 11.80	96.74 -17.40 10.15	91.52 -16.09 8.97	89.06 -15.96 8.22	98.09 -18.23 10.32	119.58 -22.37 14.45	140.72 -25.62 19.30	174.24 -29.52 18.20	151.09 -26.67 18.33	135.64 -24.41 18.18	124.01 -22.37 15.72	104.65 -17.66 10.45	110.14 -17.96 12.18	107.89 -14.56 11.15
SENECA___ENERGY 23797	149.93 -7.41 11.07	128.54 -6.32 8.80	116.89 -5.37 5.70	114.87 -5.01 5.19	113.83 -4.96 5.06	119.28 -6.12 7.64	146.67 -8.87 11.69	183.36 -8.78 12.24	160.27 -8.67 11.67	142.95 -8.91 10.11	119.46 -7.30 8.33	110.30 -6.84 7.16	103.94 -6.30 6.34	101.32 -6.12 5.81	112.52 -6.84 7.27	137.74 -8.45 10.21	163.09 -8.91 13.64	199.57 -9.54 12.85	174.52 -8.62 12.94	156.66 -8.73 12.83	143.23 -7.78 11.10	118.88 -6.50 7.37	124.95 -6.73 8.60	119.57 -6.14 7.88
SHOEMAKER___GT 23640	173.46 5.05 0.00	147.54 3.88 0.00	131.16 3.20 0.00	127.94 2.88 0.00	126.70 2.85 0.00	136.63 3.59 0.00	173.09 5.85 -0.01	210.72 6.34 0.00	186.75 6.14 0.00	175.59 6.00 -7.63	147.25 4.86 -7.30	142.97 4.60 -14.08	134.67 4.32 -13.78	129.77 4.19 -12.33	144.88 4.69 -13.56	177.50 5.62 -15.47	192.79 6.87 -0.28	229.93 7.98 0.00	203.14 7.05 0.00	185.17 6.94 0.00	168.93 6.00 -0.82	157.29 4.91 -19.62	145.05 4.77 0.00	137.74 4.15 0.00
SHOEMAKR_138KV_BK 111 55601	173.30 4.88 0.00	147.40 3.74 0.00	131.03 3.07 0.00	127.81 2.75 0.00	126.57 2.72 0.00	136.49 3.46 0.00	172.93 5.69 -0.01	211.12 6.74 0.00	186.74 6.14 0.00	175.54 5.99 -7.58	147.21 4.86 -7.26	142.89 4.60 -13.99	134.59 4.31 -13.70	129.81 4.30 -12.26	144.80 4.69 -13.47	177.41 5.63 -15.38	193.16 7.24 -0.28	229.72 7.77 0.00	202.95 6.86 0.00	184.99 6.77 0.00	168.92 6.00 -0.82	157.17 4.91 -19.50	145.05 4.77 0.00	137.74 4.14 0.00
SHOREHAM_IC_1 23715	177.50 9.09 0.00	151.27 7.61 0.00	133.85 5.89 0.00	131.94 6.87 -0.01	131.16 7.31 -0.01	141.05 7.98 -0.04	178.28 11.04 -0.01	217.47 13.09 0.00	193.62 13.01 0.00	181.25 11.02 -8.26	153.03 10.00 -7.94	165.64 9.33 -32.02	167.80 8.86 -42.37	164.44 8.72 -42.47	157.19 9.50 -21.05	184.74 11.57 -16.76	218.58 14.86 -18.08	253.74 14.87 -16.91	225.04 14.90 -14.05	219.80 14.26 -27.31	204.50 12.97 -29.42	195.32 10.48 -52.08	150.10 9.82 -0.01	148.20 8.82 -5.79
SHOREHAM_IC_2 23716	177.51 9.09 0.00	151.28 7.61 0.00	133.98 6.01 0.00	131.95 6.88 -0.01	131.16 7.31 -0.01	141.05 7.98 -0.04	178.28 11.04 -0.01	218.07 13.69 0.00	193.61 13.00 0.00	181.24 11.01 -8.26	153.03 10.00 -7.94	165.64 9.32 -32.02	167.92 8.98 -42.37	164.44 8.72 -42.47	157.18 9.50 -21.05	184.74 11.57 -16.76	218.57 14.85 -18.08	253.96 15.09 -16.91	225.05 14.90 -14.05	219.79 14.26 -27.31	204.50 12.97 -29.42	195.32 10.49 -52.08	150.11 9.82 -0.01	148.74 9.35 -5.79
SISSONVILLE____ 23735	171.11 2.69 0.00	146.82 3.16 0.00	131.03 3.07 0.00	128.31 3.25 0.00	126.94 3.10 0.00	136.23 3.19 0.00	169.91 2.68 0.00	207.65 3.27 0.00	183.13 2.53 0.00	163.42 1.46 0.00	135.63 0.54 0.00	124.91 0.62 0.00	117.04 0.47 0.00	113.36 0.11 0.00	126.51 -0.13 0.00	156.40 0.00 0.00	185.83 0.19 0.00	222.84 0.89 0.00	196.28 0.20 0.00	178.22 0.00 0.00	162.11 0.00 0.00	132.35 -0.40 0.00	140.84 0.56 0.00	134.67 1.07 0.00
SITHE_IND_GS1 24169	63.14 -8.58 96.69	59.46 -7.32 76.88	71.76 -6.39 49.81	73.53 -6.25 45.28	73.58 -6.07 44.20	59.42 -6.92 66.69	57.03 -9.03 101.17	88.09 -10.42 105.87	70.08 -9.58 100.95	63.70 -8.91 89.36	53.88 -7.30 73.91	52.00 -6.84 65.46	51.92 -6.41 58.25	53.79 -6.12 53.34	53.45 -6.84 66.35	55.72 -8.45 92.24	57.86 -9.66 118.12	98.42 -11.31 112.22	73.05 -9.99 113.04	56.67 -9.45 112.10	56.51 -8.44 97.16	56.58 -6.91 69.26	57.89 -7.30 75.09	57.94 -6.81 68.85
SITHE_IND_GS2 24170	63.14 -8.58 96.69	59.46 -7.32 76.88	71.76 -6.39 49.81	73.53 -6.25 45.28	73.58 -6.07 44.20	59.42 -6.92 66.69	57.03 -9.03 101.17	88.09 -10.42 105.87	70.08 -9.58 100.95	63.70 -8.91 89.36	53.88 -7.30 73.91	52.00 -6.84 65.46	51.92 -6.41 58.25	53.79 -6.12 53.34	53.45 -6.84 66.35	55.72 -8.45 92.24	57.86 -9.66 118.12	98.42 -11.31 112.22	73.05 -9.99 113.04	56.67 -9.45 112.10	56.51 -8.44 97.16	56.58 -6.91 69.26	57.89 -7.30 75.09	57.94 -6.81 68.85
SITHE_IND_GS3 24171	63.14 -8.58 96.69	59.46 -7.32 76.88	71.76 -6.39 49.81	73.53 -6.25 45.28	73.58 -6.07 44.20	59.42 -6.92 66.69	57.03 -9.03 101.17	88.09 -10.42 105.87	70.08 -9.58 100.95	63.70 -8.91 89.36	53.88 -7.30 73.91	52.00 -6.84 65.46	51.92 -6.41 58.25	53.79 -6.12 53.34	53.45 -6.84 66.35	55.72 -8.45 92.24	57.86 -9.66 118.12	98.42 -11.31 112.22	73.05 -9.99 113.04	56.67 -9.45 112.10	56.51 -8.44 97.16	56.58 -6.91 69.26	57.89 -7.30 75.09	57.94 -6.81 68.85
SITHE_IND_GS4 24172	63.14 -8.58 96.69	59.46 -7.32 76.88	71.76 -6.39 49.81	73.53 -6.25 45.28	73.58 -6.07 44.20	59.42 -6.92 66.69	57.03 -9.03 101.17	88.09 -10.42 105.87	70.08 -9.58 100.95	63.70 -8.91 89.36	53.88 -7.30 73.91	52.00 -6.84 65.46	51.92 -6.41 58.25	53.79 -6.12 53.34	53.45 -6.84 66.35	55.72 -8.45 92.24	57.86 -9.66 118.12	98.42 -11.31 112.22	73.05 -9.99 113.04	56.67 -9.45 112.10	56.51 -8.44 97.16	56.58 -6.91 69.26	57.89 -7.30 75.09	57.94 -6.81 68.85

SITHE___BATAVIA 24024	135.51 -17.68 15.22	116.76 -14.79 12.10	107.71 -12.41 7.84	106.31 -11.63 7.13	105.12 -11.77 6.96	106.17 -16.37 10.50	125.11 -26.08 16.05	159.24 -27.60 17.54	137.30 -26.54 16.75	123.43 -24.61 13.93	107.11 -16.49 11.49	98.95 -15.42 9.93	93.69 -14.11 8.78	91.15 -14.05 8.05	100.22 -16.34 10.09	118.67 -23.62 14.11	141.86 -25.07 18.72	175.21 -29.07 17.68	151.61 -26.67 17.81	135.44 -25.12 17.66	124.45 -22.37 15.28	104.83 -17.66 10.27	110.91 -17.54 11.83	108.20 -14.56 10.84
SITHE___INDEPEND 23800	63.13 -8.59 96.69	59.46 -7.33 76.88	71.76 -6.40 49.81	73.53 -6.25 45.28	73.58 -6.07 44.20	59.43 -6.92 66.69	57.03 -9.03 101.17	87.67 -10.83 105.87	70.08 -9.57 100.95	63.70 -8.91 89.36	53.88 -7.29 73.91	52.00 -6.84 65.46	51.92 -6.41 58.25	53.79 -6.12 53.34	53.45 -6.84 66.35	55.72 -8.45 92.24	57.50 -10.02 118.12	98.41 -11.32 112.22	73.05 -10.00 113.04	56.68 -9.45 112.10	56.52 -8.43 97.16	56.59 -6.90 69.26	57.90 -7.29 75.09	57.80 -6.95 68.85
SITHE___MASSENA 23902	171.45 3.03 0.00	146.68 3.02 0.00	130.78 2.81 0.00	128.06 3.00 0.00	126.82 2.97 0.00	136.09 3.06 0.00	170.58 3.34 0.00	208.46 4.09 0.00	184.03 3.42 0.00	164.55 2.58 0.00	136.98 1.89 0.00	126.16 1.87 0.00	118.21 1.63 0.00	114.83 1.58 0.00	128.41 1.77 0.00	158.75 2.35 0.00	188.24 2.60 0.00	225.49 3.54 0.00	199.03 2.95 0.00	180.72 2.49 0.00	164.37 2.27 0.00	134.35 1.60 0.00	142.24 1.96 0.00	135.73 2.13 0.00
SITHE___OGDNSBRG 24021	174.31 5.89 0.00	149.26 5.60 0.00	133.08 5.12 0.00	130.44 5.38 0.00	129.17 5.33 0.00	138.75 5.72 0.00	173.76 6.52 0.00	212.35 7.97 0.00	186.93 6.32 0.00	166.66 4.70 0.00	138.19 3.11 0.00	127.03 2.73 0.00	119.03 2.45 0.00	115.52 2.27 0.00	129.30 2.66 0.00	160.31 3.91 0.00	190.84 5.20 0.00	229.06 7.10 0.00	201.97 5.88 0.00	183.39 5.17 0.00	166.65 4.54 0.00	136.20 3.45 0.00	144.21 3.93 0.00	137.74 4.14 0.00
SITHE___STERLING 23777	158.25 -0.84 9.32	135.39 -0.86 7.41	122.65 -0.51 4.80	120.32 -0.37 4.37	119.34 -0.25 4.26	126.47 -0.13 6.43	159.55 1.18 8.86	196.94 1.84 9.28	173.20 1.44 8.84	154.95 0.81 7.83	128.75 0.14 6.48	118.43 -0.12 5.73	111.24 -0.23 5.10	108.35 -0.23 4.67	120.83 0.00 5.81	148.95 0.63 8.08	176.04 0.75 10.35	210.92 -0.22 10.82	184.80 -0.39 10.89	166.89 -0.53 10.80	152.10 -0.65 9.36	125.29 -0.79 6.67	131.92 -1.13 7.24	125.89 -1.07 6.64
SLEIGHT__34_KV_TB1 80719	145.45 -9.43 13.54	125.14 -7.76 10.76	114.46 -6.53 6.97	112.59 -6.13 6.34	111.59 -6.07 6.19	115.71 -7.98 9.34	140.60 -12.38 14.26	175.59 -13.90 14.89	154.28 -12.10 14.23	137.75 -11.82 12.39	115.68 -9.19 10.22	106.99 -8.45 8.85	100.93 -7.81 7.84	98.36 -7.70 7.19	108.91 -8.74 8.99	132.56 -11.26 12.58	155.82 -13.18 16.64	192.70 -13.54 15.71	168.10 -12.16 15.83	150.59 -11.94 15.69	137.99 -10.54 13.58	115.09 -8.50 9.16	121.21 -8.56 10.51	116.08 -7.88 9.64
SMITHTWN_69_KV_BK 1 55830	176.67 8.25 0.00	150.56 6.90 0.00	133.34 5.37 0.00	131.32 6.25 -0.01	130.42 6.56 -0.01	140.13 7.05 -0.05	176.94 9.70 -0.01	216.23 11.85 0.00	191.98 11.38 0.00	180.11 9.88 -8.26	152.08 9.05 -7.95	164.80 8.33 -32.18	167.25 8.04 -42.63	163.92 7.93 -42.74	156.36 8.61 -21.10	183.65 10.48 -16.76	217.66 12.81 -19.22	252.56 13.54 -17.06	223.01 12.75 -14.18	217.89 12.12 -27.55	208.74 11.19 -35.45	198.94 9.29 -56.89	148.98 8.70 -0.01	149.16 8.02 -7.55
SOUTH CAIRO___GT 23612	181.21 12.80 0.00	154.44 10.77 0.00	137.18 9.21 0.00	134.32 9.25 0.00	132.64 8.79 0.00	143.28 10.24 0.00	180.64 13.38 -0.03	219.71 15.33 0.00	192.70 12.10 0.00	180.40 8.91 -9.53	150.96 6.75 -9.12	147.60 5.72 -17.59	139.03 5.25 -17.21	133.97 5.32 -15.40	150.16 6.59 -16.93	184.79 9.07 -19.31	199.73 13.74 -0.35	238.60 16.65 0.00	210.60 14.51 0.00	191.41 13.19 0.00	173.67 10.54 -1.03	165.48 8.23 -24.50	150.38 10.10 0.00	143.22 9.62 0.00
SOUTH HAMPTN___IC 23720	177.84 9.43 0.00	151.56 7.90 0.00	134.36 6.40 0.00	132.45 7.38 -0.01	131.90 8.05 -0.01	142.12 9.05 -0.04	179.79 12.55 -0.01	219.29 14.91 0.00	195.42 14.81 0.00	182.87 12.64 -8.26	154.65 11.62 -7.94	166.96 10.69 -31.98	169.14 10.26 -42.30	165.62 9.97 -42.40	158.31 10.64 -21.03	186.14 12.97 -16.76	220.16 16.52 -18.01	255.92 17.09 -16.88	226.98 16.87 -14.02	221.33 15.86 -27.25	205.55 14.27 -29.17	196.16 11.54 -51.87	151.09 10.80 -0.01	149.35 10.02 -5.72
SOUTHDOW_115KV_TB1 355954	143.48 -9.09 15.84	122.59 -8.48 12.60	112.89 -6.91 8.16	110.51 -7.13 7.42	109.55 -7.06 7.24	110.67 -11.44 10.93	133.11 -17.39 16.74	167.45 -18.19 18.74	146.36 -16.07 18.17	131.31 -16.20 14.45	109.39 -13.78 11.92	100.89 -13.17 10.23	95.31 -12.24 9.03	93.08 -11.89 8.28	103.07 -13.17 10.40	126.66 -15.17 14.57	148.48 -17.64 19.53	183.35 -20.20 18.41	158.92 -18.63 18.54	142.91 -16.93 18.39	129.83 -16.37 15.90	108.47 -13.81 10.48	113.09 -14.87 12.32	110.03 -12.29 11.28
SOUTHOLD_69_KV_BK 2 55809	178.01 9.60 0.00	151.71 8.05 0.00	134.49 6.53 0.00	132.82 7.75 -0.01	132.65 8.79 -0.01	143.31 10.24 -0.04	181.96 14.72 -0.01	222.98 18.60 0.00	197.94 17.34 0.00	185.29 15.06 -8.26	156.95 13.91 -7.94	169.20 12.93 -31.98	171.12 12.24 -42.31	167.32 11.66 -42.40	159.95 12.28 -21.03	188.03 14.86 -16.76	222.58 18.94 -18.01	259.03 20.20 -16.88	229.52 19.41 -14.02	223.65 18.18 -27.25	207.65 16.37 -29.17	197.75 13.14 -51.86	152.35 12.06 -0.01	151.21 11.89 -5.72
SOUTHOLD___IC 23719	178.01 9.59 0.00	151.70 8.04 0.00	134.49 6.52 0.00	132.83 7.76 -0.01	132.65 8.79 -0.01	143.32 10.24 -0.04	181.79 14.54 -0.01	222.15 17.77 0.00	197.94 17.34 0.00	185.29 15.07 -8.26	156.95 13.92 -7.94	169.20 12.93 -31.98	171.01 12.12 -42.31	167.32 11.67 -42.40	159.95 12.28 -21.03	188.03 14.87 -16.76	222.59 18.94 -18.01	259.03 20.20 -16.88	229.53 19.42 -14.02	223.66 18.19 -27.25	207.64 16.37 -29.17	197.76 13.15 -51.86	152.35 12.07 -0.01	150.81 11.49 -5.72
SOUTH_FORK_WT_PWR 323839	176.33 7.92 0.00	150.41 6.75 0.00	133.34 5.37 0.00	131.82 6.75 -0.01	131.90 8.05 -0.01	142.92 9.84 -0.04	181.63 14.38 -0.01	221.96 17.58 0.00	197.94 17.34 0.00	185.45 15.22 -8.26	157.21 14.18 -7.94	169.32 13.05 -31.98	171.23 12.35 -42.31	167.32 11.67 -42.40	159.71 12.04 -21.03	187.72 14.55 -16.76	222.21 18.56 -18.01	258.13 19.30 -16.88	228.94 18.83 -14.02	223.12 17.65 -27.25	207.00 15.72 -29.17	197.36 12.75 -51.87	151.79 11.51 -0.01	150.40 11.08 -5.72
SPIERFLS_115KV_TB 1 80737	181.38 12.97 0.00	154.44 10.77 0.00	136.92 8.96 0.00	134.07 9.00 0.00	132.64 8.79 0.00	143.28 10.24 0.00	180.70 13.38 -0.09	221.55 17.17 0.00	195.59 14.99 0.00	185.31 13.12 -10.22	155.41 10.54 -9.79	152.36 9.20 -18.87	143.32 8.28 -18.47	137.48 7.70 -16.52	153.93 9.12 -18.17	188.87 11.73 -20.73	200.49 14.48 -0.38	239.49 17.53 0.00	211.58 15.49 0.00	192.12 13.90 0.00	176.34 13.13 -1.10	169.27 10.22 -26.29	151.22 10.94 0.00	143.75 10.15 0.00
ST LAWRENCE____ 23600	169.26 0.85 0.00	144.81 1.14 0.00	129.11 1.15 0.00	126.31 1.25 0.00	124.96 1.11 0.00	134.23 1.19 0.00	168.57 1.33 0.00	205.82 1.44 0.00	181.88 1.27 0.00	162.78 0.81 0.00	135.63 0.54 0.00	124.92 0.62 0.00	117.16 0.59 0.00	113.82 0.57 0.00	127.28 0.64 0.00	157.35 0.94 0.00	186.57 0.93 0.00	223.07 1.12 0.00	197.07 0.99 0.00	178.94 0.72 0.00	162.59 0.49 0.00	133.15 0.40 0.00	140.84 0.56 0.00	134.14 0.54 0.00

STATE_CA_115KV_115_LB 55624	175.99 7.58 0.00	149.84 6.18 0.00	133.21 5.25 0.00	130.19 5.13 0.00	128.80 4.95 0.00	138.75 5.72 0.00	174.98 7.69 -0.05	212.15 7.77 0.00	187.29 6.68 0.00	178.35 6.48 -9.91	150.65 6.08 -9.49	148.05 5.47 -18.29	139.49 5.01 -17.90	134.13 4.87 -16.01	149.82 5.57 -17.61	183.22 6.73 -20.09	193.80 7.80 -0.36	230.83 8.88 0.00	204.13 8.04 0.00	185.71 7.49 0.00	170.31 7.13 -1.07	163.94 5.71 -25.48	146.87 6.59 0.00	139.88 6.28 0.00
STATE_ST_34_KV_LOAD 55959	152.56 -5.05 10.80	130.76 -4.31 8.59	118.82 -3.58 5.56	116.63 -3.38 5.06	115.69 -3.22 4.94	121.59 -3.99 7.45	150.29 -5.52 11.43	186.88 -5.52 11.99	164.14 -5.06 11.41	146.29 -5.83 9.85	121.84 -5.13 8.11	112.38 -4.97 6.94	105.65 -4.78 6.14	103.08 -4.53 5.64	114.77 -4.81 7.06	141.01 -5.47 9.92	166.37 -5.94 13.33	204.10 -5.33 12.53	178.76 -4.71 12.62	160.72 -4.99 12.51	146.75 -4.54 10.82	121.67 -3.98 7.10	127.55 -4.35 8.38	121.50 -4.41 7.69
STATION_5_MISC_HYD 23604	141.59 -11.95 14.87	122.21 -9.62 11.83	112.24 -8.06 7.66	110.60 -7.50 6.97	109.37 -7.68 6.80	112.13 -10.65 10.26	134.02 -17.56 15.66	169.83 -18.19 16.36	147.13 -17.88 15.59	131.82 -16.52 13.62	111.82 -12.02 11.24	103.60 -10.94 9.75	97.92 -10.03 8.63	95.37 -9.97 7.91	104.96 -11.77 9.90	126.77 -15.79 13.84	151.03 -16.34 18.27	185.82 -18.87 17.27	161.24 -17.45 17.40	144.04 -16.94 17.25	132.26 -14.91 14.93	110.95 -11.68 10.12	117.36 -11.36 11.56	113.65 -9.36 10.59
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	146.05 -9.09 13.27	125.64 -7.47 10.55	114.86 -6.27 6.84	112.97 -5.88 6.22	111.96 -5.82 6.07	116.03 -7.85 9.16	140.88 -12.38 13.98	175.68 -14.10 14.60	154.56 -12.10 13.95	137.99 -11.82 12.15	116.15 -8.92 10.03	107.28 -8.33 8.68	101.19 -7.69 7.69	98.73 -7.47 7.05	109.08 -8.74 8.82	132.80 -11.26 12.34	156.33 -12.99 16.31	193.23 -13.32 15.41	168.60 -11.96 15.52	151.07 -11.76 15.39	138.41 -10.37 13.32	115.39 -8.36 9.00	121.55 -8.42 10.31	116.53 -7.62 9.45
STA_56_34_KV_BUS2_REV_LBMP_B 345033	141.32 -12.46 14.63	121.83 -10.20 11.63	111.73 -8.70 7.54	110.08 -8.13 6.85	108.99 -8.17 6.69	112.17 -10.78 10.09	134.61 -17.23 15.40	168.07 -20.23 16.07	147.92 -17.34 15.34	132.53 -16.03 13.41	112.00 -12.02 11.06	103.75 -10.94 9.60	97.93 -10.14 8.50	95.49 -9.97 7.79	105.24 -11.65 9.75	127.45 -15.33 13.63	149.48 -18.19 17.97	185.88 -19.09 16.99	161.72 -17.26 17.11	144.68 -16.57 16.97	132.83 -14.59 14.69	111.11 -11.68 9.96	117.41 -11.50 11.37	113.03 -10.15 10.42
STA_56___34_KV_BUS2 355983	141.32 -12.46 14.63	121.83 -10.20 11.63	111.73 -8.70 7.54	110.08 -8.13 6.85	108.99 -8.17 6.69	112.17 -10.78 10.09	134.61 -17.23 15.40	168.07 -20.23 16.07	147.92 -17.34 15.34	132.53 -16.03 13.41	112.00 -12.02 11.06	103.75 -10.94 9.60	97.93 -10.14 8.50	95.49 -9.97 7.79	105.24 -11.65 9.75	127.45 -15.33 13.63	149.48 -18.19 17.97	185.88 -19.09 16.99	161.72 -17.26 17.11	144.68 -16.57 16.97	132.83 -14.59 14.69	111.11 -11.68 9.96	117.41 -11.50 11.37	113.03 -10.15 10.42
STA_67___115KV_BK2 355882	141.41 -12.13 14.88	121.92 -9.91 11.83	111.98 -8.32 7.66	110.34 -7.75 6.97	109.25 -7.80 6.80	111.86 -10.91 10.26	133.68 -17.89 15.66	166.76 -21.26 16.36	146.77 -18.24 15.59	131.50 -16.84 13.63	111.55 -12.29 11.24	103.35 -11.19 9.75	97.68 -10.26 8.63	95.14 -10.19 7.91	104.71 -12.03 9.90	126.45 -16.11 13.84	148.24 -19.12 18.28	184.93 -19.75 17.27	160.85 -17.84 17.40	143.68 -17.29 17.25	132.10 -15.08 14.93	110.69 -11.95 10.11	117.08 -11.64 11.56	112.99 -10.02 10.59
STA_7___115KV_9TRANS 80674	142.09 -11.45 14.88	122.64 -9.19 11.83	112.75 -7.55 7.66	111.09 -7.00 6.97	109.86 -7.18 6.80	112.53 -10.24 10.26	134.35 -17.23 15.66	167.99 -20.03 16.36	147.85 -17.16 15.60	132.30 -16.03 13.63	112.36 -11.48 11.25	104.10 -10.44 9.75	98.50 -9.44 8.63	95.93 -9.40 7.92	105.59 -11.14 9.90	127.54 -15.01 13.85	149.35 -18.01 18.28	186.26 -18.42 17.27	162.02 -16.67 17.40	144.75 -16.22 17.25	133.07 -14.10 14.93	111.62 -11.02 10.11	118.06 -10.66 11.56	113.79 -9.22 10.59
STA_82___115KV_TB1 80780	141.26 -12.29 14.86	121.79 -10.06 11.81	111.86 -8.45 7.65	110.23 -7.88 6.96	109.13 -7.93 6.79	111.74 -11.04 10.25	133.53 -18.06 15.65	166.57 -21.46 16.35	146.61 -18.42 15.57	131.35 -17.01 13.61	111.43 -12.43 11.23	103.24 -11.31 9.74	97.58 -10.38 8.62	95.04 -10.31 7.90	104.59 -12.16 9.89	126.31 -16.27 13.83	148.08 -19.31 18.26	184.73 -19.98 17.25	160.47 -18.24 17.38	143.52 -17.47 17.23	131.95 -15.24 14.91	110.58 -12.08 10.09	116.95 -11.78 11.55	112.87 -10.15 10.58
STEEL___WIND 323596	136.25 -16.50 15.66	117.41 -13.79 12.45	108.50 -11.39 8.07	106.72 -11.01 7.34	105.79 -10.90 7.16	106.13 -16.10 10.80	125.44 -25.26 16.54	158.29 -27.38 18.71	137.26 -25.10 18.25	124.17 -23.49 14.31	104.64 -18.64 11.80	96.62 -17.52 10.15	91.29 -16.32 8.97	88.94 -16.08 8.22	97.96 -18.36 10.32	119.27 -22.68 14.45	140.55 -25.80 19.30	174.02 -29.74 18.20	150.90 -26.86 18.33	135.45 -24.60 18.18	123.85 -22.53 15.72	104.52 -17.79 10.45	110.00 -18.10 12.18	107.75 -14.70 11.15
STEPHTWN_115KV_BK_2 55603	177.00 8.59 0.00	150.70 7.04 0.00	133.98 6.01 0.00	130.94 5.88 0.00	129.67 5.82 0.00	139.68 6.65 0.00	176.14 8.86 -0.04	213.98 9.61 0.00	188.91 8.31 0.00	179.59 7.77 -9.85	151.27 6.75 -9.43	148.57 6.09 -18.18	139.97 5.60 -17.80	134.61 5.44 -15.92	150.35 6.21 -17.51	184.20 7.82 -19.98	195.28 9.28 -0.36	232.83 10.88 0.00	205.89 9.80 0.00	187.31 9.09 0.00	171.43 8.27 -1.06	164.73 6.64 -25.34	147.85 7.58 0.00	140.81 7.21 0.00
STEUBEN_REC_LFGE 323667	143.40 -8.59 16.43	123.42 -7.18 13.06	113.87 -5.63 8.46	111.74 -5.63 7.69	110.39 -5.94 7.51	111.59 -10.11 11.33	133.85 -15.89 17.50	170.08 -19.01 15.29	152.59 -16.62 11.40	128.49 -18.46 15.01	106.78 -15.94 12.37	98.88 -14.91 10.50	93.39 -13.99 9.20	91.67 -13.14 8.44	101.01 -14.94 10.69	127.04 -14.39 14.98	149.26 -15.96 20.41	186.18 -16.65 19.12	162.12 -14.71 19.26	144.51 -14.61 19.10	131.98 -13.62 16.51	110.85 -11.28 10.62	115.40 -12.06 12.81	112.41 -9.49 11.70
STILLWATER___SOLAR 323814	178.69 10.27 0.00	152.14 8.47 0.00	135.00 7.03 0.00	132.06 7.00 0.00	130.78 6.93 0.00	141.01 7.98 0.00	177.69 10.37 -0.08	217.26 12.88 0.00	192.17 11.57 0.00	182.18 10.05 -10.17	152.93 8.10 -9.74	150.27 7.21 -18.77	141.47 6.52 -18.37	135.92 6.22 -16.44	152.06 7.34 -18.08	186.41 9.38 -20.63	197.53 11.51 -0.37	236.17 14.22 0.00	208.65 12.56 0.00	189.64 11.42 0.00	173.73 10.53 -1.09	167.24 8.37 -26.12	148.98 8.70 0.00	141.75 8.15 0.00
STONY___BROOK 24151	176.83 8.42 0.00	150.70 7.04 0.00	133.46 5.50 0.00	131.45 6.37 -0.01	130.54 6.68 -0.01	140.25 7.18 -0.04	177.11 9.86 -0.01	215.82 11.44 0.00	192.17 11.57 0.00	180.27 10.05 -8.26	152.08 9.05 -7.94	164.86 8.46 -32.11	167.13 8.04 -42.52	163.92 8.04 -42.63	156.33 8.62 -21.08	183.81 10.64 -16.76	217.36 13.18 -18.54	252.05 13.09 -17.00	222.57 12.36 -14.12	217.43 11.76 -27.45	205.01 11.18 -31.73	196.12 9.43 -53.94	149.13 8.84 -0.01	147.94 7.88 -6.46
STURGEON_POOL_HYD 23609	174.81 6.40 0.00	148.55 4.88 0.00	132.19 4.22 0.00	128.94 3.88 0.00	127.56 3.72 0.00	137.69 4.66 0.00	174.61 7.36 -0.01	213.58 9.20 0.00	188.73 8.13 0.00	177.72 7.29 -8.47	148.87 5.67 -8.11	145.27 5.34 -15.63	137.01 5.13 -15.30	131.92 4.98 -13.69	147.27 5.57 -15.05	180.11 6.57 -17.14	195.05 9.10 -0.31	231.94 9.99 0.00	204.91 8.82 0.00	186.78 8.55 0.00	169.82 6.81 -0.91	160.07 5.58 -21.74	146.17 5.89 0.00	138.81 5.21 0.00

ST_LAW_115_BK7_LBMP 345037	169.43 1.02 0.00	144.95 1.29 0.00	129.11 1.15 0.00	126.44 1.38 0.00	125.09 1.24 0.00	134.36 1.33 0.00	168.57 1.33 0.00	206.01 1.63 0.00	181.88 1.27 0.00	162.94 0.98 0.00	135.77 0.68 0.00	124.92 0.62 0.00	117.16 0.59 0.00	113.82 0.57 0.00	127.28 0.64 0.00	157.35 0.94 0.00	186.57 0.93 0.00	223.07 1.12 0.00	197.07 0.99 0.00	178.94 0.72 0.00	162.76 0.65 0.00	133.15 0.40 0.00	140.84 0.56 0.00	134.27 0.67 0.00
ST_LAW_115_BK8_LBMP 345038	169.43 1.02 0.00	144.95 1.29 0.00	129.11 1.15 0.00	126.44 1.38 0.00	125.09 1.24 0.00	134.36 1.33 0.00	168.57 1.33 0.00	206.01 1.63 0.00	181.88 1.27 0.00	162.94 0.98 0.00	135.77 0.68 0.00	124.92 0.62 0.00	117.16 0.59 0.00	113.82 0.57 0.00	127.28 0.64 0.00	157.35 0.94 0.00	186.57 0.93 0.00	223.07 1.12 0.00	197.07 0.99 0.00	178.94 0.72 0.00	162.76 0.65 0.00	133.15 0.40 0.00	140.84 0.56 0.00	134.27 0.67 0.00
ST_LAW_230_BK5_LBMP 345035	169.26 0.85 0.00	144.81 1.14 0.00	129.11 1.15 0.00	126.31 1.25 0.00	124.96 1.11 0.00	134.23 1.19 0.00	168.57 1.33 0.00	205.82 1.44 0.00	181.88 1.27 0.00	162.78 0.81 0.00	135.63 0.54 0.00	124.92 0.62 0.00	117.16 0.59 0.00	113.82 0.57 0.00	127.28 0.64 0.00	157.35 0.94 0.00	186.57 0.93 0.00	223.07 1.12 0.00	197.07 0.99 0.00	178.94 0.72 0.00	162.59 0.49 0.00	133.15 0.40 0.00	140.84 0.56 0.00	134.14 0.54 0.00
ST_LAW_230_BK6_LBMP 345036	169.26 0.85 0.00	144.81 1.14 0.00	129.11 1.15 0.00	126.31 1.25 0.00	124.96 1.11 0.00	134.23 1.19 0.00	168.57 1.33 0.00	205.82 1.44 0.00	181.88 1.27 0.00	162.78 0.81 0.00	135.63 0.54 0.00	124.92 0.62 0.00	117.16 0.59 0.00	113.82 0.57 0.00	127.28 0.64 0.00	157.35 0.94 0.00	186.57 0.93 0.00	223.07 1.12 0.00	197.07 0.99 0.00	178.94 0.72 0.00	162.59 0.49 0.00	133.15 0.40 0.00	140.84 0.56 0.00	134.14 0.54 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	173.63 5.22 0.00	147.54 3.88 0.00	131.16 3.20 0.00	127.94 2.88 0.00	126.70 2.85 0.00	136.76 3.72 0.00	173.26 6.02 -0.01	211.53 7.15 0.00	187.29 6.68 0.00	176.39 6.64 -7.78	147.94 5.40 -7.45	143.75 5.10 -14.36	135.53 4.90 -14.06	130.58 4.76 -12.58	145.66 5.19 -13.83	178.28 6.10 -15.78	193.72 7.80 -0.29	230.61 8.66 0.00	203.54 7.45 0.00	185.71 7.49 0.00	169.43 6.48 -0.84	158.07 5.31 -20.01	145.33 5.05 0.00	138.01 4.41 0.00
SWANROAD_115KV_TB1 355699	130.39 -22.57 15.45	112.70 -18.68 12.29	104.26 -15.74 7.96	102.69 -15.13 7.24	101.80 -14.99 7.06	101.75 -20.62 10.66	118.16 -32.78 16.30	146.32 -39.85 18.20	128.82 -34.31 17.46	117.06 -30.77 14.13	100.20 -23.23 11.65	92.61 -21.63 10.05	87.87 -19.82 8.89	85.51 -19.59 8.15	93.63 -22.80 10.21	112.39 -29.72 14.30	130.80 -35.83 19.01	164.72 -39.29 17.95	142.71 -35.30 18.08	127.68 -32.61 17.93	117.25 -29.34 15.51	99.42 -22.97 10.36	105.54 -22.73 12.01	103.49 -19.10 11.00
SYNERGY___BIOGAS 323694	135.51 -17.68 15.22	116.76 -14.80 12.10	107.71 -12.41 7.84	106.30 -11.63 7.13	105.12 -11.77 6.96	106.17 -16.36 10.50	124.93 -26.26 16.05	155.98 -30.86 17.54	137.30 -26.55 16.75	123.42 -24.62 13.93	107.12 -16.48 11.49	98.95 -15.41 9.93	93.69 -14.11 8.78	91.15 -14.04 8.05	100.22 -16.34 10.09	118.68 -23.62 14.11	139.26 -27.66 18.72	174.53 -29.74 17.68	151.61 -26.67 17.81	135.43 -25.13 17.66	124.46 -22.37 15.28	104.84 -17.66 10.26	110.77 -17.68 11.83	107.66 -15.10 10.84
SYRACUSE___ENERGY_ST1 323597	154.24 -5.05 9.12	131.96 -4.45 7.25	119.43 -3.84 4.70	117.16 -3.63 4.27	116.21 -3.47 4.17	122.62 -4.12 6.29	152.09 -5.52 9.63	188.36 -5.93 10.09	165.58 -5.42 9.61	147.98 -5.67 8.31	123.24 -5.00 6.85	113.69 -4.72 5.88	106.94 -4.43 5.20	104.29 -4.19 4.77	116.10 -4.56 5.98	142.69 -5.32 8.40	168.47 -5.94 11.23	205.38 -5.99 10.58	180.14 -5.29 10.66	162.31 -5.35 10.57	148.10 -4.86 9.14	122.59 -4.12 6.04	128.71 -4.49 7.08	122.70 -4.41 6.49
SYRACUSE___ENERGY_ST2 323598	154.24 -5.05 9.12	131.96 -4.45 7.25	119.43 -3.84 4.70	117.16 -3.63 4.27	116.21 -3.47 4.17	122.62 -4.12 6.29	152.09 -5.52 9.63	188.36 -5.93 10.09	165.58 -5.42 9.61	147.98 -5.67 8.31	123.24 -5.00 6.85	113.69 -4.72 5.88	106.94 -4.43 5.20	104.29 -4.19 4.77	116.10 -4.56 5.98	142.69 -5.32 8.40	168.47 -5.94 11.23	205.38 -5.99 10.58	180.14 -5.29 10.66	162.31 -5.35 10.57	148.10 -4.86 9.14	122.59 -4.12 6.04	128.71 -4.49 7.08	122.70 -4.41 6.49
SYRACUSE___POWER 24017	148.32 -5.56 14.53	127.22 -4.88 11.56	116.38 -4.09 7.49	114.25 -4.00 6.81	113.36 -3.84 6.64	118.49 -4.52 10.02	145.64 -6.19 15.40	181.69 -6.54 16.15	159.27 -5.96 15.38	142.25 -6.32 13.40	118.63 -5.40 11.05	109.62 -5.10 9.58	103.19 -4.90 8.50	100.82 -4.64 7.79	111.97 -4.94 9.73	136.99 -5.79 13.62	161.16 -6.50 17.98	198.43 -6.66 16.86	173.22 -5.88 16.99	155.50 -5.88 16.85	142.18 -5.35 14.58	118.37 -4.51 9.87	124.09 -4.91 11.28	118.57 -4.68 10.35
TALLMAN_138KV_BK151 55660	173.80 5.39 0.00	147.54 3.88 0.00	131.29 3.33 0.00	127.94 2.88 0.00	126.70 2.85 0.00	136.76 3.72 0.00	173.60 6.35 -0.01	212.15 7.77 0.00	187.83 7.22 0.00	177.07 7.13 -7.98	148.67 5.94 -7.64	144.73 5.72 -14.72	136.47 5.48 -14.41	131.47 5.32 -12.89	146.52 5.70 -14.18	179.31 6.73 -16.18	194.47 8.54 -0.29	231.28 9.32 0.00	204.32 8.24 0.00	186.24 8.02 0.00	169.77 6.81 -0.86	158.85 5.58 -20.52	145.75 5.47 0.00	138.27 4.68 0.00
TEALLAVE_115KV_TB7 355573	148.30 -6.06 14.05	127.32 -5.17 11.17	116.25 -4.48 7.24	114.23 -4.25 6.58	113.34 -4.09 6.42	118.42 -4.92 9.69	146.05 -6.52 14.67	181.86 -7.15 15.36	159.65 -6.32 14.64	142.69 -6.48 12.79	119.12 -5.40 10.56	110.00 -5.10 9.19	103.65 -4.78 8.15	101.13 -4.64 7.47	112.24 -5.07 9.33	137.42 -5.94 13.04	161.47 -7.05 17.12	198.10 -7.55 16.31	172.99 -6.67 16.43	155.34 -6.59 16.29	142.01 -6.00 14.10	118.19 -4.91 9.65	124.18 -5.19 10.91	118.52 -5.08 10.01
TELGRAPH_34_KV_EAST 80808	134.24 -18.86 15.31	115.83 -15.66 12.18	106.89 -13.18 7.89	105.38 -12.51 7.17	104.46 -12.38 7.00	104.91 -17.56 10.56	122.99 -28.10 16.15	152.85 -33.72 17.81	134.71 -28.90 17.00	121.40 -26.56 14.01	104.08 -19.45 11.55	96.17 -18.15 9.98	91.08 -16.67 8.82	88.63 -16.53 8.09	97.25 -19.25 10.14	116.73 -25.49 14.18	136.55 -30.26 18.83	171.32 -32.85 17.79	148.76 -29.41 17.91	132.83 -27.62 17.77	122.10 -24.64 15.37	103.07 -19.38 10.30	109.16 -19.22 11.90	106.53 -16.17 10.90
TEMPLE___115KV_TB 2 55572	147.64 -6.06 14.71	126.79 -5.17 11.70	115.91 -4.48 7.58	113.92 -4.25 6.89	113.04 -4.09 6.72	117.96 -4.92 10.15	145.34 -6.52 15.38	181.12 -7.15 16.10	158.94 -6.32 15.34	142.07 -6.48 13.41	118.47 -5.54 11.07	109.55 -5.10 9.64	103.13 -4.90 8.55	100.77 -4.64 7.84	111.78 -5.07 9.79	136.78 -5.94 13.68	160.83 -6.87 17.94	197.56 -7.32 17.07	172.42 -6.47 17.20	154.75 -6.42 17.05	141.51 -5.84 14.76	117.73 -4.91 10.11	123.66 -5.19 11.42	118.05 -5.08 10.47
TIANA___69_KV_BK 1 55817	178.01 9.60 0.00	151.71 8.05 0.00	134.36 6.40 0.00	132.45 7.38 -0.01	131.66 7.80 -0.01	141.85 8.78 -0.04	179.29 12.04 -0.01	219.50 15.12 0.00	194.87 14.27 0.00	182.37 12.15 -8.26	154.11 11.08 -7.94	166.47 10.19 -31.98	168.68 9.79 -42.31	165.28 9.63 -42.40	157.93 10.26 -21.03	185.84 12.67 -16.76	219.61 15.96 -18.01	255.48 16.65 -16.88	226.39 16.28 -14.02	220.80 15.33 -27.25	205.22 13.94 -29.17	195.89 11.28 -51.86	150.81 10.52 -0.01	149.47 10.15 -5.72

TILDEN___115KV_TB1 80814	148.32 -5.56 14.53	127.22 -4.88 11.56	116.38 -4.09 7.49	114.25 -4.00 6.81	113.36 -3.84 6.64	118.49 -4.52 10.02	145.64 -6.19 15.40	181.69 -6.54 16.15	159.27 -5.96 15.38	142.25 -6.32 13.40	118.63 -5.40 11.05	109.62 -5.10 9.58	103.19 -4.90 8.50	100.82 -4.64 7.79	111.97 -4.94 9.73	136.99 -5.79 13.62	161.16 -6.50 17.98	198.43 -6.66 16.86	173.22 -5.88 16.99	155.50 -5.88 16.85	142.18 -5.35 14.58	118.37 -4.51 9.87	124.09 -4.91 11.28	118.57 -4.68 10.35
TRIGEN___CC 323695	175.66 7.24 0.00	149.70 6.03 0.00	132.70 4.73 0.00	130.08 5.00 -0.02	128.82 4.95 -0.02	138.89 5.85 0.00	175.61 8.36 -0.01	214.60 10.22 0.00	190.54 9.93 0.00	179.30 9.07 -8.26	150.62 7.56 -7.97	177.93 7.08 -46.55	189.49 6.76 -66.15	187.51 6.57 -67.69	160.29 7.09 -26.56	181.78 8.60 -16.77	222.54 10.40 -26.51	263.93 11.32 -30.66	231.56 10.00 -25.47	237.53 9.80 -49.50	188.04 8.75 -17.18	189.16 7.17 -49.24	147.45 7.15 -0.02	140.16 6.55 -0.02
TRINITY__115KV__4 BK 55933	175.15 6.74 0.00	149.26 5.60 0.00	132.70 4.73 0.00	129.56 4.50 0.00	128.31 4.46 0.00	138.22 5.19 0.00	174.14 6.86 -0.04	211.33 6.95 0.00	186.56 5.96 0.00	177.67 5.83 -9.87	149.94 5.40 -9.45	147.49 4.97 -18.23	138.96 4.55 -17.84	133.63 4.42 -15.96	149.25 5.07 -17.55	182.53 6.10 -20.02	193.06 7.05 -0.36	229.94 7.99 0.00	203.34 7.26 0.00	184.99 6.77 0.00	169.65 6.48 -1.06	163.33 5.18 -25.40	146.31 6.03 0.00	139.34 5.74 0.00
UNION___PROCESSING_DRP 323587	141.28 -12.29 14.84	121.80 -10.06 11.80	111.87 -8.45 7.65	110.23 -7.88 6.95	109.14 -7.93 6.79	111.89 -10.91 10.24	133.54 -18.06 15.63	166.58 -21.46 16.34	146.63 -18.42 15.56	131.36 -17.01 13.60	111.57 -12.29 11.22	103.25 -11.31 9.73	97.59 -10.38 8.61	95.05 -10.31 7.90	104.60 -12.16 9.88	126.33 -16.27 13.81	148.09 -19.31 18.24	184.74 -19.98 17.24	160.69 -18.04 17.36	143.54 -17.47 17.22	131.97 -15.24 14.90	110.59 -12.08 10.08	116.96 -11.78 11.54	112.88 -10.15 10.57
UPPER HUDSON___HYD 24058	181.38 12.97 0.00	154.44 10.78 0.00	136.92 8.95 0.00	134.07 9.01 0.00	132.64 8.79 0.00	143.28 10.24 0.00	180.71 13.38 -0.09	221.33 16.95 0.00	195.59 14.98 0.00	185.30 13.11 -10.22	155.42 10.54 -9.79	152.36 9.20 -18.87	143.32 8.28 -18.47	137.48 7.70 -16.52	153.93 9.12 -18.17	188.87 11.74 -20.73	200.31 14.30 -0.38	239.48 17.53 0.00	211.58 15.49 0.00	192.13 13.91 0.00	176.33 13.12 -1.10	169.23 10.22 -26.26	151.08 10.80 0.00	143.75 10.15 0.00
UPPER RAQUET___HYD 24056	171.10 2.69 0.00	146.82 3.16 0.00	131.03 3.07 0.00	128.31 3.25 0.00	126.95 3.10 0.00	136.22 3.19 0.00	169.90 2.67 0.00	207.64 3.26 0.00	183.13 2.53 0.00	163.42 1.45 0.00	135.63 0.54 0.00	124.92 0.62 0.00	117.05 0.47 0.00	113.36 0.11 0.00	126.51 -0.13 0.00	156.40 0.00 0.00	185.83 0.19 0.00	222.85 0.89 0.00	196.28 0.20 0.00	178.22 0.00 0.00	162.11 0.00 0.00	132.35 -0.40 0.00	140.84 0.56 0.00	134.66 1.06 0.00
VALLEY44_115KV_TB2 355964	138.03 -14.48 15.90	118.52 -12.50 12.64	109.41 -10.37 8.19	107.61 -10.00 7.45	106.67 -9.91 7.27	107.83 -14.23 10.97	130.87 -19.57 16.80	166.05 -19.62 18.71	145.36 -17.16 18.08	129.97 -17.49 14.50	107.06 -16.08 11.95	98.26 -15.79 10.25	92.38 -15.15 9.05	90.12 -14.84 8.30	100.26 -15.96 10.42	124.27 -17.52 14.62	146.17 -19.86 19.60	179.06 -24.42 18.48	155.71 -21.77 18.61	140.88 -18.89 18.45	128.15 -17.99 15.96	107.25 -15.00 10.50	111.22 -16.69 12.37	108.11 -14.16 11.32
VALLEY___115KV_TB 1-4 80826	176.67 8.25 0.00	150.99 7.33 0.00	134.62 6.65 0.00	131.69 6.63 0.00	130.54 6.69 0.00	140.22 7.18 0.00	175.77 8.53 0.00	214.80 10.42 0.00	189.82 9.21 0.00	170.55 8.58 0.00	142.11 7.02 0.00	130.63 6.34 0.00	122.52 5.95 0.00	118.91 5.66 0.00	132.84 6.21 0.00	164.22 7.82 0.00	194.36 8.73 0.00	232.39 10.43 0.00	205.11 9.02 0.00	186.78 8.55 0.00	169.89 7.78 0.00	139.12 6.37 0.00	147.29 7.01 0.00	140.55 6.95 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	172.19 9.77 5.99	146.80 7.90 4.76	131.79 6.91 3.09	129.01 6.75 2.81	128.04 6.94 2.74	136.88 7.98 4.13	171.43 10.54 6.34	210.96 13.28 6.70	186.18 11.92 6.34	170.57 10.69 2.09	141.92 8.11 1.27	133.64 6.96 -2.39	125.70 6.41 -2.71	121.71 6.12 -2.35	135.83 7.09 -2.10	167.61 9.85 -1.35	190.60 12.25 7.29	230.09 15.09 6.95	202.03 12.94 7.00	183.93 12.65 6.95	167.81 11.35 5.64	146.68 9.16 -4.77	144.60 8.98 4.65	137.88 8.55 4.27
VISCHER___FERRY HYD 24020	176.33 7.92 0.00	150.13 6.47 0.00	133.34 5.37 0.00	130.31 5.25 0.00	129.05 5.20 0.00	139.02 5.99 0.00	175.50 8.19 -0.07	213.79 9.41 0.00	189.27 8.67 0.00	179.92 7.93 -10.02	151.30 6.62 -9.60	148.76 5.97 -18.50	140.16 5.48 -18.10	134.77 5.32 -16.20	150.40 5.95 -17.81	184.23 7.51 -20.32	194.92 8.91 -0.37	233.05 11.09 0.00	206.08 10.00 0.00	187.48 9.26 0.00	171.61 8.42 -1.08	165.22 6.77 -25.70	147.29 7.01 0.00	140.28 6.68 0.00
V_A_10_SYNC_DSASP 323832	134.90 -18.19 15.32	116.83 -14.65 12.18	107.79 -12.28 7.89	106.13 -11.76 7.18	105.20 -11.64 7.00	106.24 -16.23 10.57	124.67 -26.42 16.15	153.66 -32.70 18.02	135.58 -27.99 17.03	122.68 -25.27 14.02	105.01 -18.51 11.57	97.38 -16.90 10.01	92.22 -15.50 8.86	89.73 -15.40 8.12	98.36 -18.11 10.17	117.94 -24.24 14.22	137.47 -29.33 18.84	172.64 -31.52 17.79	149.93 -28.24 17.92	133.72 -26.73 17.77	123.06 -23.67 15.38	104.08 -18.32 10.35	110.27 -18.10 11.91	107.59 -15.10 10.91
V_CMM_10_SYNC_DSASP 323787	169.26 0.84 0.00	144.81 1.15 0.00	129.12 1.15 0.00	126.44 1.38 0.00	125.09 1.24 0.00	134.36 1.33 0.00	168.57 1.34 0.00	205.81 1.43 0.00	181.87 1.26 0.00	162.78 0.81 0.00	135.63 0.54 0.00	124.91 0.62 0.00	117.04 0.47 0.00	113.82 0.57 0.00	127.27 0.63 0.00	157.19 0.78 0.00	186.38 0.74 0.00	223.06 1.11 0.00	196.87 0.78 0.00	178.76 0.53 0.00	162.59 0.49 0.00	133.02 0.27 0.00	140.70 0.42 0.00	134.13 0.53 0.00
V_CMP_10_SYNC_DSASP 323788	172.46 4.04 0.00	147.68 4.02 0.00	131.93 3.97 0.00	129.31 4.25 0.00	128.18 4.33 0.00	137.69 4.66 0.00	172.92 5.69 0.00	211.12 6.74 0.00	186.20 5.60 0.00	166.50 4.54 0.00	138.60 3.51 0.00	127.90 3.60 0.00	119.96 3.38 0.00	116.53 3.28 0.00	130.44 3.80 0.00	161.25 4.85 0.00	191.02 5.38 0.00	229.06 7.10 0.00	201.77 5.69 0.00	182.86 4.63 0.00	166.16 4.05 0.00	135.81 3.05 0.00	143.50 3.23 0.00	136.81 3.21 0.00
V_D_10_SYNC_DSASP 323841	171.28 2.86 0.00	146.68 3.02 0.00	130.78 2.82 0.00	128.06 3.00 0.00	126.70 2.85 0.00	136.09 3.06 0.00	170.58 3.34 0.00	208.47 4.09 0.00	183.86 3.25 0.00	164.56 2.59 0.00	136.98 1.89 0.00	126.16 1.86 0.00	118.21 1.63 0.00	114.84 1.59 0.00	128.41 1.77 0.00	158.75 2.35 0.00	188.24 2.60 0.00	225.51 3.55 0.00	199.03 2.94 0.00	180.72 2.50 0.00	164.38 2.27 0.00	134.34 1.59 0.00	142.24 1.96 0.00	135.60 2.00 0.00
V_E_10_SYNC_DSASP 323830	164.50 9.60 13.51	140.97 8.05 10.74	128.55 7.55 6.96	126.24 7.50 6.33	125.35 7.68 6.18	131.96 8.25 9.32	162.55 9.70 14.39	203.23 13.69 14.84	177.90 11.02 13.72	157.81 7.13 11.28	129.86 3.92 9.14	119.86 2.24 6.67	112.25 1.40 5.72	109.31 1.36 5.29	122.66 2.91 6.89	153.05 6.88 10.24	179.65 10.77 16.75	222.50 16.20 15.66	193.65 13.33 15.77	174.88 12.30 15.64	159.24 10.54 13.40	134.46 7.70 6.00	136.40 6.59 10.47	130.66 6.68 9.62

V_F_30_NSYNC___DSASP 323816	178.86 10.44 0.00	152.28 8.62 0.00	135.13 7.17 0.00	132.19 7.13 0.00	130.91 7.06 0.00	141.01 7.98 0.00	177.86 10.54 -0.09	217.66 13.28 0.00	192.16 11.56 0.00	182.36 10.20 -10.19	153.09 8.24 -9.76	150.44 7.33 -18.82	141.64 6.64 -18.42	136.18 6.46 -16.48	152.23 7.47 -18.12	186.62 9.54 -20.67	197.89 11.88 -0.37	236.16 14.21 0.00	208.64 12.55 0.00	189.81 11.58 0.00	173.74 10.54 -1.10	167.34 8.36 -26.22	149.12 8.84 0.00	141.88 8.28 0.00
V_F_30_SYNC_DSASP 323786	175.99 7.58 0.00	149.84 6.18 0.00	133.21 5.25 0.00	130.19 5.13 0.00	128.80 4.95 0.00	138.75 5.72 0.00	174.81 7.53 -0.05	211.94 7.56 0.00	187.29 6.68 0.00	178.35 6.48 -9.90	150.65 6.08 -9.48	148.04 5.47 -18.28	139.48 5.01 -17.89	134.13 4.87 -16.01	149.82 5.57 -17.60	183.22 6.73 -20.09	193.80 7.80 -0.36	230.83 8.88 0.00	204.13 8.04 0.00	185.71 7.49 0.00	170.14 6.97 -1.07	163.94 5.71 -25.48	146.87 6.59 0.00	139.88 6.28 0.00
V_XM_10_SYNC_DSASP 323789	172.46 4.04 0.00	147.68 4.02 0.00	131.93 3.97 0.00	129.31 4.25 0.00	128.18 4.33 0.00	137.69 4.66 0.00	172.92 5.69 0.00	211.12 6.74 0.00	186.20 5.60 0.00	166.50 4.54 0.00	138.60 3.51 0.00	127.90 3.60 0.00	119.96 3.38 0.00	116.53 3.28 0.00	130.44 3.80 0.00	161.25 4.85 0.00	191.02 5.38 0.00	229.06 7.10 0.00	201.77 5.69 0.00	182.86 4.63 0.00	166.16 4.05 0.00	135.81 3.05 0.00	143.50 3.23 0.00	136.81 3.21 0.00
W.BABYLN_69_KV_BK1 56697	178.18 9.77 0.00	151.99 8.33 0.00	134.62 6.65 0.00	132.33 7.25 -0.01	131.29 7.43 -0.01	141.02 7.98 0.00	178.62 11.37 -0.01	218.48 14.10 0.00	193.79 13.18 0.00	181.56 11.34 -8.26	153.17 10.13 -7.95	168.41 9.45 -34.67	172.38 9.09 -46.71	169.15 8.83 -47.07	158.31 9.62 -22.05	184.90 11.73 -16.76	217.13 14.48 -17.01	258.08 16.87 -19.26	227.38 15.29 -16.00	223.75 14.44 -31.09	186.59 11.83 -12.65	182.54 9.69 -40.09	150.39 10.10 -0.01	142.59 8.55 -0.44
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	174.65 6.23 0.00	148.26 4.60 0.00	131.93 3.97 0.00	128.56 3.50 0.00	127.32 3.47 0.00	137.42 4.39 0.00	174.44 7.19 -0.01	213.17 8.79 0.00	188.73 8.13 0.00	177.94 7.94 -8.03	149.40 6.62 -7.69	145.34 6.21 -14.83	137.04 5.95 -14.52	132.02 5.78 -12.99	147.13 6.21 -14.28	180.21 7.51 -16.30	195.40 9.47 -0.30	232.61 10.65 0.00	205.30 9.22 0.00	187.13 8.91 0.00	170.75 7.78 -0.87	159.66 6.24 -20.67	146.31 6.03 0.00	138.94 5.34 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	175.66 7.24 0.00	149.12 5.46 0.00	132.57 4.61 0.00	128.94 3.88 0.00	127.81 3.96 0.00	137.95 4.92 0.00	175.27 8.03 -0.01	214.80 10.42 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.83 7.84 -7.91	146.87 7.33 -15.25	138.61 7.11 -14.92	133.40 6.80 -13.35	148.66 7.35 -14.68	181.76 8.60 -16.75	196.90 10.95 -0.30	234.38 12.43 0.00	207.07 10.98 0.00	188.56 10.34 0.00	171.75 8.75 -0.89	161.16 7.17 -21.24	147.29 7.01 0.00	139.74 6.15 0.00
W50THST__13_KV_LOAD 356117	176.50 8.08 0.00	149.70 6.03 0.00	133.08 5.12 0.00	129.44 4.38 0.00	128.31 4.46 0.00	138.49 5.45 0.00	176.11 8.86 -0.01	215.82 11.45 0.00	191.26 10.66 0.00	180.43 10.20 -8.26	151.51 8.51 -7.91	147.49 7.95 -15.25	139.19 7.69 -14.92	134.08 7.47 -13.35	149.30 7.98 -14.68	182.69 9.54 -16.75	198.01 12.07 -0.30	235.72 13.76 0.00	208.05 11.96 0.00	189.45 11.23 0.00	172.56 9.56 -0.89	161.83 7.83 -21.24	147.99 7.72 0.00	140.41 6.81 0.00
WADING RIVER_IC_1 23522	177.33 8.92 0.00	151.13 7.47 0.00	133.85 5.89 0.00	131.94 6.87 -0.01	131.16 7.31 -0.01	141.05 7.98 -0.04	178.28 11.04 -0.01	217.47 13.09 0.00	193.62 13.01 0.00	181.25 11.02 -8.26	153.17 10.14 -7.94	165.71 9.44 -31.97	167.84 8.98 -42.29	164.47 8.84 -42.38	157.29 9.62 -21.03	184.90 11.74 -16.76	218.51 14.86 -18.01	253.70 14.87 -16.87	225.00 14.90 -14.02	219.72 14.26 -27.24	204.30 12.97 -29.22	195.14 10.48 -51.90	150.10 9.82 -0.01	148.29 8.95 -5.74
WADING RIVER_IC_2 23547	177.33 8.92 0.00	151.13 7.47 0.00	133.85 5.89 0.00	131.94 6.87 -0.01	131.16 7.31 -0.01	141.05 7.98 -0.04	178.28 11.04 -0.01	217.47 13.09 0.00	193.62 13.01 0.00	181.25 11.02 -8.26	153.17 10.14 -7.94	165.71 9.44 -31.97	167.84 8.98 -42.29	164.47 8.84 -42.38	157.29 9.62 -21.03	184.90 11.74 -16.76	218.51 14.86 -18.01	253.70 14.87 -16.87	225.00 14.90 -14.02	219.72 14.26 -27.24	204.30 12.97 -29.22	195.14 10.48 -51.90	150.10 9.82 -0.01	148.29 8.95 -5.74
WADING RIVER_IC_3 23601	177.33 8.92 0.00	151.13 7.47 0.00	133.85 5.89 0.00	131.94 6.87 -0.01	131.16 7.31 -0.01	141.05 7.98 -0.04	178.28 11.04 -0.01	217.47 13.09 0.00	193.62 13.01 0.00	181.25 11.02 -8.26	153.17 10.14 -7.94	165.71 9.44 -31.97	167.84 8.98 -42.29	164.47 8.84 -42.38	157.29 9.62 -21.03	184.90 11.74 -16.76	218.51 14.86 -18.01	253.70 14.87 -16.87	225.00 14.90 -14.02	219.72 14.26 -27.24	204.30 12.97 -29.22	195.14 10.48 -51.90	150.10 9.82 -0.01	148.29 8.95 -5.74
WALDENNY_12_KV_BK2 80841	136.10 -16.67 15.64	117.29 -13.94 12.44	108.26 -11.64 8.06	106.61 -11.13 7.33	105.67 -11.02 7.15	106.01 -16.23 10.79	125.14 -25.59 16.51	155.88 -29.84 18.66	136.79 -25.65 18.17	123.87 -23.81 14.29	104.66 -18.64 11.78	96.62 -17.53 10.14	91.41 -16.20 8.96	88.95 -16.08 8.22	97.84 -18.49 10.31	119.13 -22.83 14.43	139.08 -27.29 19.27	173.37 -30.41 18.17	150.72 -27.06 18.30	135.12 -24.95 18.15	123.71 -22.69 15.70	104.27 -18.05 10.43	109.88 -18.24 12.16	107.36 -15.10 11.14
WALDEN___HYDRO 24148	174.81 6.40 0.00	148.55 4.88 0.00	132.06 4.09 0.00	128.81 3.75 0.00	127.56 3.72 0.00	137.69 4.66 0.00	174.60 7.36 -0.01	213.17 8.79 0.00	188.55 7.95 0.00	177.62 7.61 -8.04	148.86 6.08 -7.70	144.85 5.72 -14.84	136.58 5.48 -14.52	131.57 5.32 -12.99	146.75 5.83 -14.29	179.73 7.04 -16.29	195.03 9.10 -0.29	231.94 9.99 0.00	204.91 8.82 0.00	186.78 8.55 0.00	170.43 7.46 -0.86	159.52 6.11 -20.66	146.17 5.89 0.00	138.81 5.21 0.00
WARRENSBURG____ 23737	181.38 12.97 0.00	154.44 10.77 0.00	136.92 8.96 0.00	134.07 9.00 0.00	132.64 8.79 0.00	143.28 10.24 0.00	180.70 13.38 -0.09	221.55 17.17 0.00	195.59 14.99 0.00	185.31 13.12 -10.22	155.41 10.54 -9.79	152.36 9.20 -18.87	143.32 8.28 -18.47	137.48 7.70 -16.52	153.93 9.12 -18.17	188.87 11.73 -20.73	200.49 14.48 -0.38	239.49 17.53 0.00	211.58 15.49 0.00	192.12 13.90 0.00	176.34 13.13 -1.10	169.27 10.22 -26.29	151.22 10.94 0.00	143.75 10.15 0.00
WATERSIDE___6 8 9 23538	176.33 7.92 0.00	149.55 5.89 0.00	132.95 4.99 0.00	129.44 4.38 0.00	128.18 4.33 0.00	138.49 5.45 0.00	175.94 8.70 -0.01	215.01 10.63 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.43 7.43 -7.91	146.50 6.96 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.29 6.97 -14.68	181.29 8.13 -16.75	196.34 10.40 -0.30	233.72 11.76 0.00	206.28 10.20 0.00	188.02 9.80 0.00	171.10 8.11 -0.89	161.03 7.04 -21.25	147.43 7.15 0.00	139.88 6.28 0.00
WATKINRD_115KV_LN8_ILLION 55919	174.48 6.06 0.00	148.83 5.17 0.00	132.70 4.73 0.00	129.69 4.63 0.00	128.55 4.71 0.00	138.09 5.06 0.00	173.42 6.19 0.00	211.94 7.56 0.00	187.29 6.68 0.00	168.12 6.15 0.00	140.08 5.00 0.00	128.89 4.60 0.00	120.77 4.20 0.00	117.33 4.08 0.00	131.07 4.43 0.00	162.03 5.63 0.00	192.14 6.50 0.00	229.50 7.55 0.00	202.56 6.47 0.00	184.46 6.24 0.00	167.78 5.67 0.00	137.40 4.65 0.00	145.33 5.05 0.00	138.54 4.94 0.00

WDELAWARE___HYD 323627	175.16 6.74 0.00	148.98 5.32 0.00	132.56 4.60 0.00	129.32 4.25 0.00	128.06 4.21 0.00	138.49 5.46 0.00	175.60 8.36 -0.01	216.43 12.06 0.00	191.62 11.02 0.00	179.38 9.72 -7.70	149.61 7.15 -7.37	144.96 6.46 -14.21	136.66 6.17 -13.91	131.69 6.00 -12.44	147.03 6.71 -13.68	178.89 7.04 -15.44	195.20 9.28 -0.28	232.83 10.87 0.00	205.69 9.61 0.00	187.48 9.26 0.00	170.71 7.78 -0.82	158.71 6.37 -19.59	146.44 6.17 0.00	138.95 5.35 0.00
WEST BABYLON___IC 23714	178.18 9.77 0.00	151.99 8.33 0.00	134.62 6.65 0.00	132.33 7.25 -0.01	131.29 7.43 -0.01	141.02 7.98 0.00	178.62 11.37 -0.01	218.48 14.10 0.00	193.79 13.18 0.00	181.56 11.34 -8.26	153.17 10.13 -7.95	168.41 9.45 -34.67	172.38 9.09 -46.71	169.15 8.83 -47.07	158.31 9.62 -22.05	184.90 11.73 -16.76	217.13 14.48 -17.01	258.08 16.87 -19.26	227.38 15.29 -16.00	223.75 14.44 -31.09	186.59 11.83 -12.65	182.54 9.69 -40.09	150.39 10.10 -0.01	142.59 8.55 -0.44
WEST CANADA___HYD 24049	169.26 0.85 0.00	144.24 0.58 0.00	128.48 0.51 0.00	125.56 0.50 0.00	124.35 0.50 0.00	133.57 0.53 0.00	168.08 0.84 0.00	205.20 0.82 0.00	181.51 0.91 0.00	162.94 0.98 0.00	135.77 0.68 0.00	124.92 0.62 0.00	117.16 0.59 0.00	113.82 0.57 0.00	127.28 0.64 0.00	157.19 0.79 0.00	186.38 0.75 0.00	222.85 0.89 0.00	196.88 0.79 0.00	178.94 0.72 0.00	162.76 0.65 0.00	133.29 0.53 0.00	140.98 0.70 0.00	134.27 0.67 0.00
WESTERN_NY_WIND 24143	135.47 -17.68 15.26	116.73 -14.80 12.13	107.69 -12.41 7.86	106.29 -11.63 7.15	105.11 -11.77 6.97	106.15 -16.36 10.52	124.89 -26.26 16.09	155.87 -30.86 17.64	137.02 -26.73 16.85	123.23 -24.78 13.96	106.69 -16.89 11.51	98.68 -15.66 9.95	93.32 -14.46 8.80	90.91 -14.27 8.07	99.82 -16.72 10.11	118.49 -23.77 14.14	139.03 -27.85 18.76	174.49 -29.74 17.72	151.38 -26.86 17.85	135.21 -25.31 17.70	124.26 -22.53 15.31	104.69 -17.79 10.27	110.74 -17.68 11.86	107.64 -15.10 10.86
WESTOVER___LESR 323668	143.37 -7.92 17.13	123.15 -6.90 13.62	113.51 -5.63 8.82	111.54 -5.50 8.02	110.69 -5.33 7.83	114.04 -7.18 11.81	138.88 -10.20 18.16	174.90 -10.63 18.85	152.94 -10.11 17.55	135.97 -10.69 15.31	113.20 -9.32 12.57	105.07 -8.82 10.40	99.06 -8.39 9.13	96.71 -8.15 8.39	107.42 -8.61 10.61	131.62 -9.70 15.08	153.88 -10.58 21.17	190.75 -11.32 19.88	166.06 -10.00 20.03	148.74 -9.62 19.86	136.05 -8.92 17.14	114.77 -7.57 10.41	118.84 -8.14 13.31	114.19 -7.21 12.19
WETHRSFD_WT_PWR 323626	137.31 -15.16 15.95	118.20 -12.79 12.68	109.13 -10.62 8.21	107.34 -10.25 7.47	106.03 -10.53 7.29	106.74 -15.29 11.00	126.79 -23.57 16.87	156.87 -26.57 20.95	133.76 -24.56 22.29	123.43 -23.97 14.57	103.89 -19.18 12.01	96.33 -17.65 10.31	91.05 -16.43 9.09	88.95 -15.96 8.34	97.54 -18.61 10.48	120.49 -21.27 14.64	142.20 -23.76 19.68	176.34 -27.09 18.53	153.10 -24.32 18.67	136.90 -22.81 18.51	125.03 -21.07 16.01	105.36 -16.86 10.53	110.61 -17.26 12.41	108.22 -14.03 11.35
WHAVSTOR_138KV_BK127 55557	173.63 5.22 0.00	147.54 3.88 0.00	131.16 3.20 0.00	127.81 2.75 0.00	126.70 2.85 0.00	136.76 3.72 0.00	173.43 6.19 -0.01	211.94 7.56 0.00	187.83 7.22 0.00	177.14 7.13 -8.04	148.73 5.94 -7.70	144.74 5.59 -14.85	136.47 5.36 -14.54	131.47 5.21 -13.01	146.51 5.57 -14.30	179.29 6.57 -16.32	194.29 8.35 -0.30	231.28 9.32 0.00	204.32 8.24 0.00	186.24 8.02 0.00	169.78 6.81 -0.87	159.02 5.58 -20.70	145.61 5.33 0.00	138.27 4.68 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	173.63 5.22 0.00	147.54 3.88 0.00	131.16 3.20 0.00	127.81 2.75 0.00	126.70 2.85 0.00	136.76 3.72 0.00	173.43 6.19 -0.01	211.94 7.56 0.00	187.83 7.22 0.00	177.14 7.13 -8.04	148.73 5.94 -7.70	144.74 5.59 -14.85	136.47 5.36 -14.54	131.47 5.21 -13.01	146.51 5.57 -14.30	179.29 6.57 -16.32	194.29 8.35 -0.30	231.28 9.32 0.00	204.32 8.24 0.00	186.24 8.02 0.00	169.78 6.81 -0.87	159.02 5.58 -20.70	145.61 5.33 0.00	138.27 4.68 0.00
WHITEHAL_115KV_TB1 80871	184.25 15.83 0.00	156.88 13.22 0.00	138.84 10.88 0.00	136.07 11.01 0.00	134.62 10.77 0.00	145.54 12.51 0.00	183.71 16.39 -0.09	225.63 21.26 0.00	199.03 18.42 0.00	188.05 15.87 -10.21	157.43 12.56 -9.78	154.08 10.94 -18.85	144.81 9.79 -18.45	139.04 9.29 -16.51	155.68 10.89 -18.15	191.34 14.23 -20.71	204.02 18.01 -0.37	243.93 21.97 0.00	215.50 19.41 0.00	195.51 17.29 0.00	179.25 16.05 -1.10	171.49 12.48 -26.26	153.46 13.19 0.00	146.02 12.42 0.00
WHITEPLN_13_KV_LOAD 356215	176.67 8.25 0.00	149.98 6.32 0.00	133.34 5.37 0.00	130.06 5.00 0.00	128.80 4.95 0.00	139.02 5.99 0.00	176.61 9.37 -0.01	216.44 12.06 0.00	191.80 11.20 0.00	181.06 10.85 -8.24	152.03 9.05 -7.89	147.96 8.45 -15.22	139.51 8.04 -14.89	134.39 7.81 -13.33	149.78 8.48 -14.65	183.29 10.17 -16.72	198.75 12.81 -0.30	236.60 14.65 0.00	208.83 12.75 0.00	190.16 11.94 0.00	173.21 10.21 -0.89	162.19 8.23 -21.20	148.41 8.14 0.00	140.81 7.21 0.00
WM_FLOYD_69_KV_BK2 356380	177.34 8.93 0.00	150.99 7.33 0.00	133.72 5.76 0.00	131.82 6.75 -0.01	130.92 7.06 -0.01	140.79 7.72 -0.04	177.95 10.70 -0.01	217.46 13.08 0.00	193.07 12.46 0.00	180.75 10.53 -8.26	152.76 9.73 -7.94	165.27 8.95 -32.03	167.59 8.63 -42.39	164.23 8.49 -42.49	156.93 9.24 -21.05	184.43 11.26 -16.76	217.95 14.29 -18.02	253.75 14.87 -16.93	224.47 14.31 -14.06	219.10 13.54 -27.33	203.41 12.32 -28.99	194.58 10.09 -51.74	149.69 9.40 -0.01	148.21 8.95 -5.66
WOODARD___115KV_TB2 355635	151.55 -5.89 10.97	129.77 -5.17 8.72	117.84 -4.48 5.65	115.67 -4.25 5.14	114.75 -4.09 5.01	120.68 -4.79 7.56	149.39 -6.35 11.49	185.20 -7.15 12.03	162.81 -6.32 11.47	145.66 -6.32 9.99	121.44 -5.40 8.24	112.18 -4.97 7.14	105.47 -4.78 6.32	102.92 -4.53 5.80	114.45 -4.94 7.25	140.31 -5.94 10.15	165.36 -6.87 13.41	201.90 -7.32 12.73	176.80 -6.47 12.82	159.09 -6.42 12.72	145.27 -5.84 11.00	120.53 -4.78 7.44	126.71 -5.05 8.52	120.85 -4.94 7.81
WOODMERE_69_KV_BK1 55827	177.85 9.43 0.00	151.56 7.90 0.00	134.36 6.40 0.00	131.71 6.63 -0.02	130.43 6.56 -0.02	140.62 7.58 0.00	177.78 10.54 -0.01	217.05 12.67 0.00	192.89 12.28 0.00	181.24 11.01 -8.26	152.38 9.32 -7.97	178.56 8.70 -45.57	189.51 8.39 -64.54	187.39 8.15 -65.98	161.56 8.74 -26.18	183.97 10.79 -16.77	223.64 12.81 -25.19	265.28 14.21 -29.12	233.03 12.75 -24.19	237.36 12.12 -47.02	189.24 10.86 -16.27	189.33 8.89 -47.68	149.41 9.12 -0.02	142.03 8.42 -0.02
YORK___WARBASSE 23770	177.34 8.93 0.00	150.41 6.75 0.00	133.85 5.89 0.00	130.06 5.00 0.00	128.93 5.08 0.00	139.02 5.99 0.00	176.44 9.20 -0.01	215.42 11.04 0.00	190.18 9.57 0.00	179.62 9.39 -8.26	150.29 7.29 -7.91	146.37 6.84 -15.25	138.14 6.64 -14.92	133.06 6.46 -13.35	148.16 6.84 -14.68	181.29 8.13 -16.75	196.71 10.77 -0.30	234.38 12.43 0.00	206.87 10.78 0.00	188.56 10.34 0.00	171.43 8.43 -0.89	161.43 7.43 -21.25	147.99 7.72 0.00	140.68 7.08 0.00