

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses										--- Marginal Cost of Congestion												01/23/2025		
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	173.78	167.31	164.82	162.72	166.91	174.45	206.91	217.26	206.68	199.85	170.94	163.50	162.24	159.64	159.24	163.73	176.13	200.79	197.10	181.34	175.32	167.60	161.04	159.71	
		11.52	11.38	11.36	10.79	10.77	12.18	14.60	16.20	16.79	17.51	13.94	12.94	12.69	12.03	12.09	13.12	14.39	16.62	16.13	14.67	14.03	13.41	12.48	11.83	
		0.00	0.00	0.00	0.00	0.00	0.00	-14.24	-18.92	-15.00	-0.01	-0.27	-6.82	-5.44	-9.23	-9.85	-3.11	0.00	-1.49	-3.65	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_1	24260	173.94	167.47	164.97	162.88	167.38	174.28	206.91	216.91	206.50	199.86	171.04	169.69	167.01	168.10	168.55	166.33	176.14	200.79	196.92	181.33	175.32	167.61	161.18	159.86	
		11.68	11.54	11.51	10.94	11.24	12.01	14.60	15.85	16.61	17.50	13.79	12.79	12.39	11.90	12.22	12.83	14.40	16.62	15.96	14.67	14.03	13.41	12.63	11.98	
		0.00	0.00	0.00	0.00	0.00	0.00	-14.24	-18.92	-15.00	-0.02	-0.53	-13.16	-10.50	-17.82	-19.02	-6.00	0.00	-1.49	-3.65	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_2	24261	173.94	167.47	164.97	162.88	167.38	174.28	206.91	216.91	206.50	199.86	171.04	169.69	167.01	168.10	168.55	166.33	176.14	200.79	196.92	181.33	175.32	167.61	161.18	159.86	
		11.68	11.54	11.51	10.94	11.24	12.01	14.60	15.85	16.61	17.50	13.79	12.79	12.39	11.90	12.22	12.83	14.40	16.62	15.96	14.67	14.03	13.41	12.63	11.98	
		0.00	0.00	0.00	0.00	0.00	0.00	-14.24	-18.92	-15.00	-0.02	-0.53	-13.16	-10.50	-17.82	-19.02	-6.00	0.00	-1.49	-3.65	0.00	0.00	0.00	0.00	0.00	
ADK HUDSON___FALLS	24011	175.24	168.25	164.82	163.64	168.48	175.58	255.00	299.58	255.15	198.02	169.26	154.81	154.35	148.34	147.19	158.71	175.98	206.06	209.47	181.67	175.32	166.99	160.44	159.27	
		12.98	12.32	11.36	11.70	12.34	13.31	15.85	16.39	15.91	15.68	12.54	11.07	10.23	9.96	9.89	11.21	14.23	16.99	16.49	15.00	14.03	12.80	11.88	11.39	
		0.00	0.00	0.00	0.00	0.00	0.00	-61.09	-101.05	-64.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.40	-15.67	0.00	0.00	0.00	0.00	0.00	
ADK RESOURCE___RCVRY	23798	176.22	169.18	165.59	164.40	169.09	176.56	256.55	301.58	256.70	199.29	170.35	155.66	155.21	149.03	147.88	159.59	176.94	207.37	210.96	182.83	176.62	167.91	161.33	160.15	
		13.96	13.25	12.12	12.46	12.95	14.28	17.10	17.86	17.15	16.96	13.63	11.92	11.10	10.66	10.57	12.10	15.20	18.27	17.90	16.16	15.33	13.72	12.78	12.27	
		0.00	0.00	0.00	0.00	0.00	0.00	-61.39	-101.59	-64.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.43	-15.75	0.00	0.00	0.00	0.00	0.00	
ADK S GLENS___FALLS	24028	175.24	168.25	164.82	163.64	168.48	175.58	255.00	299.58	255.15	198.02	169.26	154.81	154.35	148.34	147.19	158.71	175.98	206.06	209.47	181.67	175.32	166.99	160.44	159.27	
		12.98	12.32	11.36	11.70	12.34	13.31	15.85	16.39	15.91	15.68	12.54	11.07	10.23	9.96	9.89	11.21	14.23	16.99	16.49	15.00	14.03	12.80	11.88	11.39	
		0.00	0.00	0.00	0.00	0.00	0.00	-61.09	-101.05	-64.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.40	-15.67	0.00	0.00	0.00	0.00	0.00	
ADK_NYS___DAM	23527	172.33	165.13	162.36	161.05	165.83	173.31	236.48	268.20	234.50	192.91	165.33	151.64	151.75	145.85	144.85	155.46	171.61	199.54	200.80	176.83	170.97	163.13	156.87	156.01	
		10.06	9.20	8.90	9.12	9.68	11.04	12.46	11.83	11.20	10.57	8.61	7.90	7.63	7.47	7.55	7.96	9.87	12.05	11.70	10.17	9.68	8.94	8.31	8.13	
		0.00	0.00	0.00	0.00	0.00	0.00	-45.95	-74.23	-48.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.81	-11.79	0.00	0.00	0.00	0.00	0.00	
AIR_PRODUCTS___DRP	24190	167.29	160.76	158.07	156.65	160.98	167.63	220.38	245.18	219.05	188.53	162.05	148.77	148.87	143.22	141.29	151.48	166.43	191.61	191.62	171.33	165.64	158.35	153.76	152.91	
		5.03	4.83	4.60	4.71	4.84	5.35	5.88	5.83	5.77	6.20	5.33	5.03	4.76	4.84	3.98	3.98	4.69	5.11	4.96	4.67	4.35	4.16	5.20	5.03	
		0.00	0.00	0.00	0.00	0.00	0.00	-36.44	-57.22	-38.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.82	-9.35	0.00	0.00	0.00	0.00	0.00	
AKWESSNE_115KV_BK	355683	161.77	155.31	152.70	151.18	155.05	160.00	174.50	179.04	171.56	179.05	155.00	142.16	142.96	137.13	135.93	145.88	159.32	179.75	174.65	164.67	159.35	152.80	147.67	146.70	
		-0.49	-0.62	-0.77	-0.76	-1.09	-2.27	-3.56	-3.10	-3.32	-3.28	-1.72	-1.58	-1.15	-1.25	-1.37	-1.62	-2.43	-2.92	-2.66	-2.00	-1.94	-1.39	-0.89	-1.18	
		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	170.21	163.57	160.68	159.23	163.64	170.38	216.50	236.02	214.41	190.55	163.30	149.78	149.73	144.05	142.52	153.24	169.03	193.82	192.73	174.17	168.55	161.14	155.83	154.98	
		7.95	7.64	7.21	7.29	7.49	8.11	8.72	8.56	8.22	8.21	6.58	6.04	5.61	5.68	5.22	5.75	7.29	8.03	7.79	7.51	7.26	6.94	7.28	7.10	
		0.00	0.00	0.00	0.00	0.00	0.00	-29.71	-45.32	-31.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.11	-7.62	0.00	0.00	0.00	0.00	0.00	
ALBANY_2_SOLAR	323834	170.21	163.57	160.68	159.23	163.48	170.38	216.49	236.00	214.23	190.55	163.30	149.64	149.73	143.92	142.52	153.10	168.85	193.82	192.72	174.17	168.55	161.14	155.83	154.98	
		7.95	7.64	7.21	7.29	7.34	8.11	8.72	8.56	8.05	8.21	6.58	5.90	5.61	5.54	5.22	5.60	7.11	8.03	7.79	7.51	7.26	6.94	7.28	7.10	
		0.00	0.00	0.00	0.00	0.00	0.00	-29.70	-45.30	-31.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.11	-7.62	0.00	0.00	0.00	0.00	0.00	
ALBANY___1	23571	167.29	160.76	158.07	156.65	160.98	167.63	220.38	245.18	219.05	188.53	162.05	148.77	148.87	143.22	141.29	151.48	166.43	191.61	191.62	171.33	165.64	158.35	153.76	152.91	
		5.03	4.83	4.60	4.71	4.84	5.35	5.88	5.83	5.77	6.20	5.33	5.03	4.76	4.84	3.98	3.98	4.69	5.11	4.96	4.67	4.35	4.16	5.20	5.03	
		0.00	0.00	0.00	0.00	0.00	0.00	-36.44	-57.22	-38.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.82	-9.35	0.00	0.00	0.00	0.00	0.00	

ALBANY___2 23572	167.29 5.03 0.00	160.76 4.83 0.00	158.07 4.60 0.00	156.65 4.71 0.00	160.98 4.84 0.00	167.63 5.35 0.00	220.38 5.88 -36.44	245.18 5.83 -57.22	219.05 5.77 -38.39	188.53 6.20 0.00	162.05 5.33 0.00	148.77 5.03 0.00	148.87 4.76 0.00	143.22 4.84 0.00	141.29 3.98 0.00	151.48 3.98 0.00	166.43 4.69 0.00	191.61 5.11 -3.82	191.62 4.96 -9.35	171.33 4.67 0.00	165.64 4.35 0.00	158.35 4.16 0.00	153.76 5.20 0.00	152.91 5.03 0.00
ALBANY___3 23573	167.29 5.03 0.00	160.76 4.83 0.00	158.07 4.60 0.00	156.65 4.71 0.00	160.98 4.84 0.00	167.63 5.35 0.00	220.38 5.88 -36.44	245.18 5.83 -57.22	219.05 5.77 -38.39	188.53 6.20 0.00	162.05 5.33 0.00	148.77 5.03 0.00	148.87 4.76 0.00	143.22 4.84 0.00	141.29 3.98 0.00	151.48 3.98 0.00	166.43 4.69 0.00	191.61 5.11 -3.82	191.62 4.96 -9.35	171.33 4.67 0.00	165.64 4.35 0.00	158.35 4.16 0.00	153.76 5.20 0.00	152.91 5.03 0.00
ALBANY___4 23574	167.29 5.03 0.00	160.76 4.83 0.00	158.07 4.60 0.00	156.65 4.71 0.00	160.98 4.84 0.00	167.63 5.35 0.00	220.38 5.88 -36.44	245.18 5.83 -57.22	219.05 5.77 -38.39	188.53 6.20 0.00	162.05 5.33 0.00	148.77 5.03 0.00	148.87 4.76 0.00	143.22 4.84 0.00	141.29 3.98 0.00	151.48 3.98 0.00	166.43 4.69 0.00	191.61 5.11 -3.82	191.62 4.96 -9.35	171.33 4.67 0.00	165.64 4.35 0.00	158.35 4.16 0.00	153.76 5.20 0.00	152.91 5.03 0.00
ALBANY___LFGE 323615	168.76 6.50 0.00	162.17 6.24 0.00	159.29 5.83 0.00	157.86 5.92 0.00	162.23 6.08 0.00	169.09 6.81 0.00	229.55 7.65 -43.84	260.17 7.65 -70.38	228.58 7.51 -46.18	190.35 8.01 0.00	163.61 6.89 0.00	150.21 6.47 0.00	150.17 6.05 0.00	144.46 6.08 0.00	142.52 5.22 0.00	153.10 5.60 0.00	168.22 6.48 0.00	194.58 7.31 -4.59	195.66 7.10 -11.25	173.16 6.49 0.00	167.42 6.13 0.00	160.05 5.86 0.00	155.09 6.53 0.00	154.09 6.21 0.00
ALCOA_PA_115KV_PL-6C 55860	162.26 0.00 0.00	155.62 -0.31 0.00	153.00 -0.46 0.00	151.63 -0.30 0.00	155.36 -0.78 0.00	160.16 -2.11 0.00	174.50 -3.56 0.00	179.22 -2.91 0.00	171.74 -3.15 0.00	179.05 -3.28 0.00	155.00 -1.72 0.00	142.16 -1.58 0.00	143.11 -1.01 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	145.88 -1.62 0.00	159.16 -2.59 0.00	179.75 -2.92 0.00	174.83 -2.48 0.00	164.67 -2.00 0.00	159.35 -1.94 0.00	152.96 -1.23 0.00	147.96 -0.59 0.00	147.14 -0.74 0.00
ALCOA_RYNLDS___DRP 24188	162.26 0.00 0.00	155.62 -0.31 0.00	153.00 -0.46 0.00	151.63 -0.30 0.00	155.36 -0.78 0.00	160.16 -2.11 0.00	174.50 -3.56 0.00	179.22 -2.91 0.00	171.74 -3.15 0.00	179.05 -3.28 0.00	155.00 -1.72 0.00	142.16 -1.58 0.00	143.11 -1.01 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	145.88 -1.62 0.00	159.16 -2.59 0.00	179.75 -2.92 0.00	174.83 -2.48 0.00	164.67 -2.00 0.00	159.35 -1.94 0.00	152.96 -1.23 0.00	147.96 -0.59 0.00	147.14 -0.74 0.00
ALCOA___DSASP 323711	162.26 0.00 0.00	155.62 -0.31 0.00	153.01 -0.46 0.00	151.63 -0.30 0.00	155.68 -0.47 0.00	160.00 -2.27 0.00	174.50 -3.56 0.00	179.22 -2.92 0.00	171.74 -3.14 0.00	179.06 -3.28 0.00	155.00 -1.72 0.00	142.16 -1.58 0.00	143.11 -1.00 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	145.88 -1.62 0.00	159.32 -2.42 0.00	179.75 -2.93 0.00	174.83 -2.48 0.00	164.67 -1.99 0.00	159.36 -1.93 0.00	153.12 -1.07 0.00	147.96 -0.59 0.00	147.14 -0.74 0.00
ALLEGHENY___COGEN 23514	161.13 -1.13 0.00	154.68 -1.25 0.00	152.55 -0.92 0.00	150.88 -1.06 0.00	155.68 -0.47 0.00	163.56 1.29 0.00	182.64 1.96 -2.62	185.41 0.37 -2.91	177.12 -0.52 -2.76	230.34 -1.64 -49.64	153.59 -3.13 0.00	140.44 -3.30 0.00	140.52 -3.60 0.00	134.36 -4.02 0.00	134.01 -3.30 0.00	145.43 -2.07 0.00	160.62 -1.12 0.00	182.55 -0.36 -0.23	177.57 -0.35 -0.62	165.09 -1.50 0.07	159.79 -1.45 0.04	152.33 -1.84 0.01	145.89 -2.67 0.00	148.03 0.15 0.00
ALTAMONT_115KV_TB 2 55880	167.94 5.68 0.00	161.39 5.46 0.00	158.68 5.22 0.00	157.10 5.17 0.00	161.61 5.46 0.00	168.28 6.00 0.00	215.85 6.94 -30.84	236.27 6.92 -47.21	214.19 6.82 -32.48	189.45 7.11 0.00	162.36 5.64 0.00	148.91 5.17 0.00	149.16 5.04 0.00	143.36 4.98 0.00	142.11 4.81 0.00	152.51 5.01 0.00	167.73 5.98 0.00	192.66 6.76 -3.23	191.78 6.56 -7.91	172.67 6.00 0.00	167.10 5.81 0.00	159.74 5.55 0.00	154.05 5.50 0.00	153.20 5.32 0.00
ALTONA_WT_PWR 323606	163.08 0.82 0.00	156.40 0.47 0.00	153.77 0.31 0.00	152.24 0.30 0.00	156.46 0.31 0.00	160.97 -1.30 0.00	174.86 -3.20 0.00	179.76 -2.37 0.00	172.08 -2.80 0.00	179.41 -2.92 0.00	155.46 -1.26 0.00	142.44 -1.30 0.00	143.54 -0.57 0.00	137.42 -0.96 0.00	136.49 -0.82 0.00	146.31 -1.19 0.00	159.97 -1.78 0.00	180.12 -2.56 0.00	175.00 -2.31 0.00	164.67 -1.99 0.00	159.03 -2.26 0.00	152.80 -1.39 0.00	147.82 -0.74 0.00	148.32 0.44 0.00
AMERICAN_REF_FUEL 24010	144.25 -18.02 0.00	138.78 -17.15 0.00	137.35 -16.11 0.00	135.68 -16.25 0.00	139.59 -16.56 0.00	145.72 -16.55 0.00	159.90 -20.47 -2.31	160.11 -24.59 -2.57	153.89 -23.43 -2.44	149.38 -24.43 8.53	135.56 -21.16 0.00	124.33 -19.41 0.00	124.66 -19.46 0.00	119.15 -19.23 0.00	118.22 -19.08 0.00	127.74 -19.76 0.00	138.46 -23.29 0.00	156.05 -26.85 -0.22	151.28 -26.60 -0.57	141.15 -25.50 0.02	137.24 -24.03 0.02	131.67 -22.52 0.01	127.31 -21.25 0.00	131.61 -16.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	149.61 -12.66 0.00	143.93 -12.00 0.00	142.27 -11.20 0.00	140.38 -11.55 0.00	144.75 -11.39 0.00	151.56 -10.72 0.00	167.85 -12.82 -2.61	168.82 -16.21 -2.90	162.24 -15.39 -2.75	156.79 -13.30 12.24	142.31 -14.42 0.00	130.80 -12.94 0.00	131.43 -12.68 0.00	125.79 -12.59 0.00	124.81 -12.49 0.00	135.26 -12.24 0.00	147.03 -14.72 0.00	165.74 -17.18 -0.24	161.45 -16.48 -0.63	150.29 -16.33 0.05	145.77 -15.48 0.03	139.08 -15.10 0.01	134.29 -14.26 0.00	138.41 -9.47 0.00
ARTHUR KILL_GT_1 23520	263.04 12.33 -88.46	258.78 12.01 -90.85	258.89 12.12 -93.31	248.35 11.70 -84.71	257.69 11.72 -89.83	262.89 12.67 -87.95	281.80 14.06 -89.67	516.69 15.30 -319.26	483.52 16.62 -292.01	528.83 17.33 -329.17	354.20 13.17 -184.31	351.91 12.08 -196.09	262.93 11.67 -107.15	263.04 11.35 -113.31	263.01 11.39 -114.32	273.97 12.39 -114.08	436.98 14.24 -261.00	512.56 16.62 -313.26	514.33 16.30 -320.72	563.53 14.83 -382.04	740.83 14.35 -565.19	373.05 13.57 -205.29	266.71 12.62 -105.53	263.58 12.27 -103.44
ARTHUR_KILL_2 23512	262.56 11.84 -88.46	258.31 11.54 -90.85	258.29 11.52 -93.31	247.89 11.24 -84.71	257.22 11.25 -89.83	262.40 12.18 -87.95	281.26 13.53 -89.67	516.14 14.75 -319.26	482.81 15.91 -292.01	528.09 16.59 -329.17	353.72 12.69 -184.31	351.47 11.64 -196.09	262.51 11.25 -107.15	262.62 10.93 -113.31	262.61 10.99 -114.32	273.52 11.94 -114.08	436.33 13.59 -261.00	511.82 15.88 -313.26	513.63 15.61 -320.72	562.86 14.16 -382.04	740.18 13.70 -565.19	372.58 13.10 -205.29	266.27 12.18 -105.53	263.15 11.83 -103.44
ARTHUR_KILL_3 23513	260.28 9.57 -88.45	256.28 9.51 -90.84	256.28 9.52 -93.30	245.76 9.12 -84.70	254.86 8.90 -89.82	260.28 10.06 -87.94	280.00 12.28 -89.66	515.05 13.67 -319.25	481.23 14.34 -292.00	526.45 14.95 -329.16	264.92 11.76 -96.44	261.92 10.92 -107.26	261.92 10.66 -107.14	261.92 10.24 -113.30	261.92 10.30 -114.31	261.92 11.07 -103.35	262.79 12.14 -88.91	280.48 14.07 -83.74	279.92 13.65 -88.96	266.71 12.33 -87.71	263.47 11.94 -90.25	261.92 11.57 -96.16	264.92 10.84 -105.52	261.50 10.20 -103.43

ARTHUR_KILL_COGEN 323718	263.04 12.33 -88.46	258.78 12.01 -90.85	258.89 12.12 -93.31	248.35 11.70 -84.71	257.69 11.72 -89.83	262.89 12.67 -87.95	281.80 14.06 -89.67	516.69 15.30 -319.26	483.52 16.62 -292.01	528.83 17.33 -329.17	354.20 13.17 -184.31	351.91 12.08 -196.09	262.93 11.67 -107.15	263.04 11.35 -113.31	263.01 11.39 -114.32	273.97 12.39 -114.08	436.98 14.24 -261.00	512.56 16.62 -313.26	514.33 16.30 -320.72	563.53 14.83 -382.04	740.83 14.35 -565.19	373.05 13.57 -205.29	266.71 12.62 -105.53	263.58 12.27 -103.44
ASHOKAN____ 23654	173.62 11.35 0.00	166.54 10.61 0.00	164.20 10.74 0.00	162.12 10.18 0.00	166.45 10.30 0.00	173.79 11.52 0.00	211.33 8.55 -24.72	227.78 8.74 -36.90	209.84 8.91 -26.04	194.91 12.57 0.00	166.28 9.56 0.00	151.93 8.19 0.00	152.04 7.92 0.00	145.43 7.05 0.00	144.44 7.14 0.00	155.60 8.11 0.00	172.10 10.36 0.00	193.67 8.41 -2.59	191.81 8.16 -6.34	178.01 11.34 0.00	172.26 10.97 0.00	164.07 9.88 0.00	158.36 9.80 0.00	156.90 9.02 0.00
ASTORIA_EAST_ENERGY_CC1 323581	173.62 11.35 -0.01	167.64 11.70 -0.01	165.29 11.82 -0.01	163.49 11.54 -0.01	167.54 11.39 -0.01	174.60 12.33 0.00	205.13 12.83 -14.23	215.08 14.03 -18.92	205.28 15.39 -15.00	198.76 16.42 -0.01	170.66 13.48 -0.46	167.43 12.50 -11.19	165.29 12.24 -8.93	165.29 11.76 -15.16	165.29 11.81 -16.17	165.29 12.69 -5.11	175.17 13.42 -0.01	199.51 15.35 -1.48	196.02 15.06 -3.65	180.83 14.16 0.00	174.68 13.38 -0.01	167.46 13.26 -0.01	161.04 12.48 -0.01	159.57 11.68 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	173.62 11.35 -0.01	167.64 11.70 -0.01	165.29 11.82 -0.01	163.49 11.54 -0.01	167.54 11.39 -0.01	174.60 12.33 0.00	205.13 12.83 -14.23	215.08 14.03 -18.92	205.28 15.39 -15.00	198.76 16.42 -0.01	170.66 13.48 -0.46	167.43 12.50 -11.19	165.29 12.24 -8.93	165.16 11.63 -15.16	165.14 11.66 -16.17	165.29 12.69 -5.11	175.17 13.42 -0.01	199.51 15.35 -1.48	196.02 15.06 -3.65	180.83 14.16 0.00	174.68 13.38 -0.01	167.46 13.26 -0.01	161.04 12.48 -0.01	159.57 11.68 -0.01
ASTORIA_GT2_1 24094	173.79 11.52 -0.01	167.79 11.85 -0.01	165.44 11.97 -0.01	163.64 11.70 -0.01	168.02 11.87 -0.01	174.44 12.17 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.28 15.39 -15.00	198.94 16.59 -0.01	170.65 13.48 -0.46	167.44 12.51 -11.19	165.30 12.25 -8.93	165.30 11.76 -15.16	165.43 11.95 -16.17	165.29 12.68 -5.11	175.34 13.59 -0.01	199.70 15.53 -1.49	196.04 15.07 -3.65	180.83 14.17 0.00	174.85 13.55 -0.01	167.15 12.95 -0.01	161.19 12.63 -0.01	159.57 11.68 -0.01
ASTORIA_GT2_2 24095	173.79 11.52 -0.01	167.79 11.85 -0.01	165.44 11.97 -0.01	163.64 11.70 -0.01	168.02 11.87 -0.01	174.44 12.17 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.28 15.39 -15.00	198.94 16.59 -0.01	170.65 13.48 -0.46	167.44 12.51 -11.19	165.30 12.25 -8.93	165.30 11.76 -15.16	165.43 11.95 -16.17	165.29 12.68 -5.11	175.34 13.59 -0.01	199.70 15.53 -1.49	196.04 15.07 -3.65	180.83 14.17 0.00	174.85 13.55 -0.01	167.15 12.95 -0.01	161.19 12.63 -0.01	159.57 11.68 -0.01
ASTORIA_GT2_3 24096	173.79 11.52 -0.01	167.79 11.85 -0.01	165.44 11.97 -0.01	163.64 11.70 -0.01	168.02 11.87 -0.01	174.44 12.17 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.28 15.39 -15.00	198.94 16.59 -0.01	170.65 13.48 -0.46	167.44 12.51 -11.19	165.30 12.25 -8.93	165.30 11.76 -15.16	165.43 11.95 -16.17	165.29 12.68 -5.11	175.34 13.59 -0.01	199.70 15.53 -1.49	196.04 15.07 -3.65	180.83 14.17 0.00	174.85 13.55 -0.01	167.15 12.95 -0.01	161.19 12.63 -0.01	159.57 11.68 -0.01
ASTORIA_GT2_4 24097	173.79 11.52 -0.01	167.79 11.85 -0.01	165.44 11.97 -0.01	163.64 11.70 -0.01	168.02 11.87 -0.01	174.44 12.17 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.28 15.39 -15.00	198.94 16.59 -0.01	170.65 13.48 -0.46	167.44 12.51 -11.19	165.30 12.25 -8.93	165.30 11.76 -15.16	165.43 11.95 -16.17	165.29 12.68 -5.11	175.34 13.59 -0.01	199.70 15.53 -1.49	196.04 15.07 -3.65	180.83 14.17 0.00	174.85 13.55 -0.01	167.15 12.95 -0.01	161.19 12.63 -0.01	159.57 11.68 -0.01
ASTORIA_GT3_1 24098	173.79 11.52 -0.01	167.79 11.85 -0.01	165.44 11.97 -0.01	163.64 11.70 -0.01	168.02 11.87 -0.01	174.44 12.17 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.28 15.39 -15.00	198.94 16.59 -0.01	170.65 13.48 -0.46	167.44 12.51 -11.19	165.30 12.25 -8.93	165.30 11.76 -15.16	165.43 11.95 -16.17	165.29 12.68 -5.11	175.34 13.59 -0.01	199.70 15.53 -1.49	196.04 15.07 -3.65	180.83 14.17 0.00	174.85 13.55 -0.01	167.15 12.95 -0.01	161.19 12.63 -0.01	159.57 11.68 -0.01
ASTORIA_GT3_2 24099	173.79 11.52 -0.01	167.79 11.85 -0.01	165.44 11.97 -0.01	163.64 11.70 -0.01	168.02 11.87 -0.01	174.44 12.17 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.28 15.39 -15.00	198.94 16.59 -0.01	170.65 13.48 -0.46	167.44 12.51 -11.19	165.30 12.25 -8.93	165.30 11.76 -15.16	165.43 11.95 -16.17	165.29 12.68 -5.11	175.34 13.59 -0.01	199.70 15.53 -1.49	196.04 15.07 -3.65	180.83 14.17 0.00	174.85 13.55 -0.01	167.15 12.95 -0.01	161.19 12.63 -0.01	159.57 11.68 -0.01
ASTORIA_GT3_3 24100	173.79 11.52 -0.01	167.79 11.85 -0.01	165.44 11.97 -0.01	163.64 11.70 -0.01	168.02 11.87 -0.01	174.44 12.17 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.28 15.39 -15.00	198.94 16.59 -0.01	170.65 13.48 -0.46	167.44 12.51 -11.19	165.30 12.25 -8.93	165.30 11.76 -15.16	165.43 11.95 -16.17	165.29 12.68 -5.11	175.34 13.59 -0.01	199.70 15.53 -1.49	196.04 15.07 -3.65	180.83 14.17 0.00	174.85 13.55 -0.01	167.15 12.95 -0.01	161.19 12.63 -0.01	159.57 11.68 -0.01
ASTORIA_GT3_4 24101	173.79 11.52 -0.01	167.79 11.85 -0.01	165.44 11.97 -0.01	163.64 11.70 -0.01	168.02 11.87 -0.01	174.44 12.17 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.28 15.39 -15.00	198.94 16.59 -0.01	170.65 13.48 -0.46	167.44 12.51 -11.19	165.30 12.25 -8.93	165.30 11.76 -15.16	165.43 11.95 -16.17	165.29 12.68 -5.11	175.34 13.59 -0.01	199.70 15.53 -1.49	196.04 15.07 -3.65	180.83 14.17 0.00	174.85 13.55 -0.01	167.15 12.95 -0.01	161.19 12.63 -0.01	159.57 11.68 -0.01
ASTORIA_GT4_1 24102	173.79 11.52 -0.01	167.79 11.85 -0.01	165.44 11.97 -0.01	163.64 11.70 -0.01	168.02 11.87 -0.01	174.44 12.17 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.28 15.39 -15.00	198.94 16.59 -0.01	170.65 13.48 -0.46	167.44 12.51 -11.19	165.30 12.25 -8.93	165.30 11.76 -15.16	165.43 11.95 -16.17	165.29 12.68 -5.11	175.34 13.59 -0.01	199.70 15.53 -1.49	196.04 15.07 -3.65	180.83 14.17 0.00	174.85 13.55 -0.01	167.15 12.95 -0.01	161.19 12.63 -0.01	159.57 11.68 -0.01
ASTORIA_GT4_2 24103	173.79 11.52 -0.01	167.79 11.85 -0.01	165.44 11.97 -0.01	163.64 11.70 -0.01	168.02 11.87 -0.01	174.44 12.17 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.28 15.39 -15.00	198.94 16.59 -0.01	170.65 13.48 -0.46	167.44 12.51 -11.19	165.30 12.25 -8.93	165.30 11.76 -15.16	165.43 11.95 -16.17	165.29 12.68 -5.11	175.34 13.59 -0.01	199.70 15.53 -1.49	196.04 15.07 -3.65	180.83 14.17 0.00	174.85 13.55 -0.01	167.15 12.95 -0.01	161.19 12.63 -0.01	159.57 11.68 -0.01
ASTORIA_GT4_3 24104	173.79 11.52 -0.01	167.79 11.85 -0.01	165.44 11.97 -0.01	163.64 11.70 -0.01	168.02 11.87 -0.01	174.44 12.17 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.28 15.39 -15.00	198.94 16.59 -0.01	170.65 13.48 -0.46	167.44 12.51 -11.19	165.30 12.25 -8.93	165.30 11.76 -15.16	165.43 11.95 -16.17	165.29 12.68 -5.11	175.34 13.59 -0.01	199.70 15.53 -1.49	196.04 15.07 -3.65	180.83 14.17 0.00	174.85 13.55 -0.01	167.15 12.95 -0.01	161.19 12.63 -0.01	159.57 11.68 -0.01

ASTORIA_GT4_4 24105	173.79 11.52 -0.01	167.79 11.85 -0.01	165.44 11.97 -0.01	163.64 11.70 -0.01	168.02 11.87 -0.01	174.44 12.17 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.28 15.39 -15.00	198.94 16.59 -0.01	170.65 13.48 -0.46	167.44 12.51 -11.19	165.30 12.25 -8.93	165.30 11.76 -15.16	165.43 11.95 -16.17	165.29 12.68 -5.11	175.34 13.59 -0.01	199.70 15.53 -1.49	196.04 15.07 -3.65	180.83 14.17 0.00	174.85 13.55 -0.01	167.15 12.95 -0.01	161.19 12.63 -0.01	159.57 11.68 -0.01
ASTORIA_GT_1 23523	174.11 11.84 -0.01	168.11 12.17 -0.01	165.75 12.28 -0.01	163.80 11.86 -0.01	168.01 11.86 -0.01	175.09 12.82 0.00	205.48 13.18 -14.23	215.63 14.58 -18.92	205.80 15.91 -15.00	199.30 16.96 -0.01	170.97 13.79 -0.46	167.72 12.79 -11.19	165.58 12.53 -8.93	165.57 12.03 -15.16	165.57 12.09 -16.17	165.73 13.12 -5.11	175.49 13.74 -0.01	200.04 15.88 -1.48	196.56 15.61 -3.65	181.34 14.67 0.00	175.17 13.87 -0.01	167.92 13.72 -0.01	161.48 12.92 -0.01	159.86 11.97 -0.01
ASTORIA_GT_10 24110	173.79 11.52 -0.01	167.32 11.38 -0.01	164.83 11.36 -0.01	162.88 10.94 -0.01	167.24 11.09 -0.01	173.96 11.68 0.00	205.84 13.53 -14.24	215.81 14.75 -18.92	205.81 15.91 -15.00	205.98 16.77 -6.87	179.16 13.32 -9.12	177.00 12.36 -20.90	168.69 12.11 -12.47	168.69 11.62 -18.69	168.82 11.81 -19.71	174.01 12.54 -13.97	181.33 14.07 -5.52	200.24 16.08 -1.49	196.39 15.43 -3.65	180.83 14.17 0.00	175.01 13.71 -0.01	177.16 13.26 -9.71	164.70 12.33 -3.81	163.03 11.83 -3.32
ASTORIA_GT_11 24225	173.79 11.52 -0.01	167.32 11.38 -0.01	164.83 11.36 -0.01	162.88 10.94 -0.01	167.24 11.09 -0.01	173.96 11.68 0.00	205.84 13.53 -14.24	215.81 14.75 -18.92	205.81 15.91 -15.00	205.98 16.77 -6.87	179.16 13.32 -9.12	177.00 12.36 -20.90	168.69 12.11 -12.47	168.69 11.62 -18.69	168.82 11.81 -19.71	174.01 12.54 -13.97	181.33 14.07 -5.52	200.24 16.08 -1.49	196.39 15.43 -3.65	180.83 14.17 0.00	175.01 13.71 -0.01	177.16 13.26 -9.71	164.70 12.33 -3.81	163.03 11.83 -3.32
ASTORIA_GT_12 24226	173.79 11.52 -0.01	167.32 11.38 -0.01	164.83 11.36 -0.01	162.88 10.94 -0.01	167.24 11.09 -0.01	173.96 11.68 0.00	205.84 13.53 -14.24	215.81 14.75 -18.92	205.81 15.91 -15.00	205.98 16.77 -6.87	179.16 13.32 -9.12	177.00 12.36 -20.90	168.69 12.11 -12.47	168.69 11.62 -18.69	168.82 11.81 -19.71	174.01 12.54 -13.97	181.33 14.07 -5.52	200.24 16.08 -1.49	196.39 15.43 -3.65	180.83 14.17 0.00	175.01 13.71 -0.01	177.16 13.26 -9.71	164.70 12.33 -3.81	163.03 11.83 -3.32
ASTORIA_GT_13 24227	173.79 11.52 -0.01	167.32 11.38 -0.01	164.83 11.36 -0.01	162.88 10.94 -0.01	167.24 11.09 -0.01	173.96 11.68 0.00	205.84 13.53 -14.24	215.81 14.75 -18.92	205.81 15.91 -15.00	205.98 16.77 -6.87	179.16 13.32 -9.12	177.00 12.36 -20.90	168.69 12.11 -12.47	168.69 11.62 -18.69	168.82 11.81 -19.71	174.01 12.54 -13.97	181.33 14.07 -5.52	200.24 16.08 -1.49	196.39 15.43 -3.65	180.83 14.17 0.00	175.01 13.71 -0.01	177.16 13.26 -9.71	164.70 12.33 -3.81	163.03 11.83 -3.32
ASTORIA_GT_5 24106	174.11 11.85 -0.01	168.10 12.16 -0.01	165.75 12.28 -0.01	163.80 11.85 -0.01	168.33 12.18 -0.01	174.77 12.49 0.00	205.48 13.18 -14.24	215.45 14.39 -18.92	205.63 15.74 -15.00	199.48 17.14 -0.01	170.97 13.79 -0.46	167.73 12.79 -11.19	165.59 12.54 -8.93	165.57 12.04 -15.16	165.84 12.36 -16.17	165.73 13.13 -5.11	175.82 14.07 -0.01	200.24 16.08 -1.49	196.57 15.60 -3.65	181.17 14.50 0.00	175.17 13.87 -0.01	167.46 13.26 -0.01	161.49 12.92 -0.01	159.87 11.98 -0.01
ASTORIA_GT_7 24107	174.11 11.85 -0.01	168.10 12.16 -0.01	165.75 12.28 -0.01	163.80 11.85 -0.01	168.33 12.18 -0.01	174.77 12.49 0.00	205.48 13.18 -14.24	215.45 14.39 -18.92	205.63 15.74 -15.00	199.48 17.14 -0.01	170.97 13.79 -0.46	167.73 12.79 -11.19	165.59 12.54 -8.93	165.57 12.04 -15.16	165.84 12.36 -16.17	165.73 13.13 -5.11	175.82 14.07 -0.01	200.24 16.08 -1.49	196.57 15.60 -3.65	181.17 14.50 0.00	175.17 13.87 -0.01	167.46 13.26 -0.01	161.49 12.92 -0.01	159.87 11.98 -0.01
ASTORIA_GT_8 24108	174.11 11.85 -0.01	168.10 12.16 -0.01	165.75 12.28 -0.01	163.80 11.85 -0.01	168.33 12.18 -0.01	174.77 12.49 0.00	205.48 13.18 -14.24	215.45 14.39 -18.92	205.63 15.74 -15.00	199.48 17.14 -0.01	170.97 13.79 -0.46	167.73 12.79 -11.19	165.59 12.54 -8.93	165.57 12.04 -15.16	165.84 12.36 -16.17	165.73 13.13 -5.11	175.82 14.07 -0.01	200.24 16.08 -1.49	196.57 15.60 -3.65	181.17 14.50 0.00	175.17 13.87 -0.01	167.46 13.26 -0.01	161.49 12.92 -0.01	159.87 11.98 -0.01
ASTORIA___2 24149	173.79 11.52 -0.01	167.78 11.84 -0.01	165.45 11.98 -0.01	163.64 11.70 -0.01	167.70 11.55 -0.01	174.77 12.50 0.00	205.13 12.83 -14.23	215.27 14.22 -18.92	205.28 15.39 -15.00	198.76 16.42 -0.01	170.66 13.48 -0.46	167.43 12.50 -11.19	165.29 12.24 -8.93	165.29 11.76 -15.16	165.29 11.81 -16.17	165.29 12.69 -5.11	175.17 13.42 -0.01	199.68 15.52 -1.48	196.02 15.06 -3.65	181.00 14.34 0.00	174.85 13.55 -0.01	167.61 13.41 -0.01	161.18 12.62 -0.01	159.57 11.68 -0.01
ASTORIA___3 23516	173.79 11.52 -0.01	167.31 11.38 -0.01	164.83 11.36 -0.01	162.89 10.95 -0.01	166.92 10.77 -0.01	174.28 12.01 0.00	205.83 13.53 -14.24	215.81 14.75 -18.92	205.97 16.08 -15.00	205.97 16.76 -6.87	179.15 13.31 -9.12	177.00 12.36 -20.90	168.69 12.11 -12.47	168.70 11.63 -18.69	168.68 11.66 -19.71	174.00 12.53 -13.97	181.00 13.74 -5.52	200.05 15.88 -1.49	196.57 15.61 -3.65	180.83 14.16 0.00	175.00 13.70 -0.01	177.00 13.10 -9.71	164.69 12.32 -3.81	163.04 11.83 -3.32
ASTORIA___4 23517	173.79 11.52 -0.01	167.32 11.38 -0.01	164.83 11.36 -0.01	162.88 10.94 -0.01	167.24 11.09 -0.01	173.96 11.68 0.00	205.84 13.53 -14.24	215.81 14.75 -18.92	205.81 15.91 -15.00	205.98 16.77 -6.87	179.16 13.32 -9.12	177.00 12.36 -20.90	168.69 12.11 -12.47	168.69 11.62 -18.69	168.82 11.81 -19.71	174.01 12.54 -13.97	181.33 14.07 -5.52	200.24 16.08 -1.49	196.39 15.43 -3.65	180.83 14.17 0.00	175.01 13.71 -0.01	177.16 13.26 -9.71	164.70 12.33 -3.81	163.03 11.83 -3.32
ASTORIA___5 23518	173.79 11.52 -0.01	167.31 11.38 -0.01	164.83 11.36 -0.01	162.89 10.95 -0.01	166.92 10.77 -0.01	174.28 12.01 0.00	205.83 13.53 -14.24	215.81 14.75 -18.92	205.97 16.08 -15.00	205.97 16.76 -6.87	179.15 13.31 -9.12	177.00 12.36 -20.90	168.69 12.11 -12.47	168.70 11.63 -18.69	168.68 11.66 -19.71	174.00 12.53 -13.97	181.00 13.74 -5.52	200.05 15.88 -1.49	196.57 15.61 -3.65	180.83 14.16 0.00	175.00 13.70 -0.01	177.00 13.10 -9.71	164.69 12.32 -3.81	163.04 11.83 -3.32
AST_ENERGY_2_CC3 323677	172.49 10.23 0.00	166.38 10.45 0.00	163.75 10.28 0.00	161.81 9.87 0.00	165.83 9.68 0.00	172.97 10.71 0.01	205.12 12.83 -14.23	215.26 14.22 -18.91	204.73 14.86 -14.99	197.82 15.49 0.00	169.71 12.54 -0.45	166.71 11.79 -11.18	164.57 11.53 -8.92	164.59 11.07 -15.14	164.45 10.99 -16.16	164.54 11.94 -5.10	174.37 12.62 0.00	198.94 14.79 -1.48	195.30 14.36 -3.64	179.67 13.01 0.01	173.71 12.42 0.00	166.98 12.79 0.00	160.74 12.18 0.00	159.11 11.23 0.00
AST_ENERGY_2_CC4 323678	172.49 10.23 0.00	166.38 10.45 0.00	163.75 10.28 0.00	161.81 9.87 0.00	165.83 9.68 0.00	172.97 10.71 0.01	205.12 12.83 -14.23	215.26 14.22 -18.91	204.73 14.86 -14.99	197.82 15.49 0.00	169.71 12.54 -0.45	166.71 11.79 -11.18	164.57 11.53 -8.92	164.59 11.07 -15.14	164.45 10.99 -16.16	164.54 11.94 -5.10	174.37 12.62 0.00	198.94 14.79 -1.48	195.30 14.36 -3.64	179.67 13.01 0.01	173.71 12.42 0.00	166.98 12.79 0.00	160.74 12.18 0.00	159.11 11.23 0.00

ATHENS_STG_1 23668	168.92 6.66 0.00	162.33 6.40 0.00	159.76 6.29 0.00	158.17 6.23 0.00	162.39 6.25 0.00	169.40 7.13 0.00	200.51 8.37 -14.08	208.52 8.38 -18.00	198.28 8.57 -14.83	191.27 8.93 0.00	163.78 7.06 0.00	150.21 6.47 0.00	150.45 6.33 0.00	144.61 6.23 0.00	143.49 6.18 0.00	153.98 6.48 0.00	169.19 7.44 0.00	192.56 8.41 -1.47	189.08 8.16 -3.61	173.99 7.33 0.00	168.55 7.26 0.00	161.14 6.94 0.00	155.09 6.53 0.00	154.09 6.21 0.00
ATHENS_STG_2 23670	168.92 6.66 0.00	162.33 6.40 0.00	159.76 6.29 0.00	158.17 6.23 0.00	162.39 6.25 0.00	169.40 7.13 0.00	200.51 8.37 -14.08	208.52 8.38 -18.00	198.28 8.57 -14.83	191.27 8.93 0.00	163.78 7.06 0.00	150.21 6.47 0.00	150.45 6.33 0.00	144.61 6.23 0.00	143.49 6.18 0.00	153.98 6.48 0.00	169.19 7.44 0.00	192.56 8.41 -1.47	189.08 8.16 -3.61	173.99 7.33 0.00	168.55 7.26 0.00	161.14 6.94 0.00	155.09 6.53 0.00	154.09 6.21 0.00
ATHENS_STG_3 23677	168.92 6.66 0.00	162.33 6.40 0.00	159.76 6.29 0.00	158.17 6.23 0.00	162.39 6.25 0.00	169.40 7.13 0.00	200.51 8.37 -14.08	208.52 8.38 -18.00	198.28 8.57 -14.83	191.27 8.93 0.00	163.78 7.06 0.00	150.21 6.47 0.00	150.45 6.33 0.00	144.61 6.23 0.00	143.49 6.18 0.00	153.98 6.48 0.00	169.19 7.44 0.00	192.56 8.41 -1.47	189.08 8.16 -3.61	173.99 7.33 0.00	168.55 7.26 0.00	161.14 6.94 0.00	155.09 6.53 0.00	154.09 6.21 0.00
AUBURN___LFGE 323710	160.48 -1.78 0.00	154.21 -1.72 0.00	151.93 -1.53 0.00	150.42 -1.52 0.00	154.89 -1.25 0.00	161.79 -0.49 0.00	180.13 0.18 -1.88	184.05 -0.18 -2.09	176.52 -0.35 -1.99	181.61 -0.73 0.00	155.47 -1.25 0.00	142.45 -1.29 0.00	142.67 -1.44 0.00	136.86 -1.52 0.00	135.93 -1.37 0.00	146.32 -1.18 0.00	160.77 -0.97 0.00	182.34 -0.55 -0.21	177.28 -0.53 -0.50	165.68 -1.00 -0.02	160.49 -0.81 -0.01	153.11 -1.08 0.00	146.92 -1.63 0.00	146.99 -0.89 0.00
BABYLON_RES_REC 323704	195.81 14.44 -19.11	183.58 14.04 -13.61	170.80 14.11 -3.23	169.16 13.82 -3.40	172.75 13.58 -3.03	189.48 15.42 -11.78	232.57 18.69 -35.81	245.48 20.58 -42.77	224.35 20.10 -29.36	215.84 20.06 -13.45	191.43 15.37 -19.34	175.77 14.23 -17.79	175.29 13.84 -17.34	170.09 13.15 -18.56	169.46 13.31 -18.84	178.85 14.46 -16.89	197.50 16.17 -19.59	223.08 19.91 -20.49	215.55 19.50 -18.73	203.29 17.66 -18.96	195.73 16.62 -17.82	188.56 15.74 -18.64	179.24 14.85 -15.83	176.41 14.20 -14.34
BABYLON___69_KV_BK2 356345	197.60 16.23 -19.11	185.13 15.59 -13.61	172.34 15.65 -3.23	170.83 15.50 -3.40	174.94 15.77 -3.03	191.26 17.20 -11.78	234.71 20.83 -35.81	247.67 22.77 -42.77	226.46 22.21 -29.36	218.03 22.24 -13.45	192.99 16.93 -19.34	177.34 15.81 -17.79	176.73 15.28 -17.34	171.47 14.53 -18.56	171.38 15.24 -18.84	180.32 15.93 -16.89	199.77 18.44 -19.59	226.00 22.83 -20.49	217.85 21.81 -18.73	205.80 20.17 -18.96	197.98 18.87 -17.82	191.02 18.19 -18.64	181.17 16.79 -15.83	178.04 15.82 -14.34
BALL_HILL_WT_PWR 323825	149.44 -12.82 0.00	143.61 -12.32 0.00	142.11 -11.35 0.00	140.24 -11.70 0.00	144.43 -11.71 0.00	151.08 -11.19 0.00	166.86 -13.71 -2.50	167.61 -17.31 -2.78	161.08 -16.45 -2.63	151.54 -14.59 16.20	141.37 -15.35 0.00	129.80 -13.94 0.00	130.28 -13.84 0.00	124.54 -13.84 0.00	123.58 -13.73 0.00	133.63 -13.87 0.00	145.24 -16.50 0.00	163.91 -19.00 -0.23	159.65 -18.26 -0.60	148.79 -17.83 0.05	144.16 -17.10 0.03	137.83 -16.35 0.01	132.96 -15.60 0.00	136.94 -10.94 0.00
BARON_WINDS___WT_PWR 323822	153.66 -8.60 0.00	147.81 -8.12 0.00	145.95 -7.52 0.00	144.34 -7.59 0.00	148.81 -7.34 0.00	155.78 -6.50 0.00	174.17 -7.31 -3.42	177.14 -9.66 -4.66	169.04 -9.45 -3.60	90.84 -8.57 82.93	146.85 -9.87 0.00	134.83 -8.91 0.00	135.18 -8.94 0.00	129.52 -8.86 0.00	128.66 -8.65 0.00	139.10 -8.40 0.00	152.69 -9.05 0.00	172.94 -10.05 -0.31	168.37 -9.75 -0.81	156.75 -9.83 0.09	151.88 -9.36 0.05	144.93 -9.25 0.02	139.49 -9.07 0.00	141.67 -6.21 0.00
BARRETT_IC_1 23704	405.20 12.99 -229.95	332.61 12.94 -163.74	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	318.04 13.96 -141.81	468.00 16.37 -273.56	505.05 17.31 -305.61	379.91 17.49 -187.54	361.84 17.68 -161.82	402.95 13.63 -232.60	366.36 12.65 -209.97	361.84 12.40 -205.33	368.10 12.03 -217.69	370.06 12.09 -220.66	361.84 12.98 -201.36	411.47 14.06 -235.66	429.00 16.45 -229.87	378.20 15.96 -184.93	409.33 14.67 -227.99	389.44 13.87 -214.27	391.65 13.41 -224.06	352.23 13.22 -190.46	333.41 13.02 -172.52
BARRETT_IC_10 23701	252.45 12.99 -77.21	223.84 12.94 -54.97	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	223.84 13.96 -47.61	295.76 16.37 -101.32	314.64 17.31 -115.19	265.32 17.49 -72.94	254.35 17.68 -54.33	248.46 13.63 -78.11	227.14 12.65 -70.75	225.65 12.40 -69.14	223.84 12.03 -73.43	223.84 12.09 -74.45	228.20 12.98 -67.72	254.93 14.06 -79.12	277.31 16.45 -78.18	257.80 15.96 -64.53	257.90 14.67 -76.56	247.12 13.87 -71.95	242.84 13.41 -75.24	225.72 13.22 -63.95	218.82 13.02 -57.92
BARRETT_IC_11 23702	252.45 12.99 -77.21	223.84 12.94 -54.97	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	223.84 13.96 -47.61	295.76 16.37 -101.32	314.64 17.31 -115.19	265.32 17.49 -72.94	254.35 17.68 -54.33	248.46 13.63 -78.11	227.14 12.65 -70.75	225.65 12.40 -69.14	223.84 12.03 -73.43	223.84 12.09 -74.45	228.20 12.98 -67.72	254.93 14.06 -79.12	277.31 16.45 -78.18	257.80 15.96 -64.53	257.90 14.67 -76.56	247.12 13.87 -71.95	242.84 13.41 -75.24	225.72 13.22 -63.95	218.82 13.02 -57.92
BARRETT_IC_12 23703	252.45 12.99 -77.21	223.84 12.94 -54.97	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	223.84 13.96 -47.61	295.76 16.37 -101.32	314.64 17.31 -115.19	265.32 17.49 -72.94	254.35 17.68 -54.33	248.46 13.63 -78.11	227.14 12.65 -70.75	225.65 12.40 -69.14	223.84 12.03 -73.43	223.84 12.09 -74.45	228.20 12.98 -67.72	254.93 14.06 -79.12	277.31 16.45 -78.18	257.80 15.96 -64.53	257.90 14.67 -76.56	247.12 13.87 -71.95	242.84 13.41 -75.24	225.72 13.22 -63.95	218.82 13.02 -57.92
BARRETT_IC_2 23705	405.20 12.99 -229.95	332.61 12.94 -163.74	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	318.04 13.96 -141.81	468.00 16.37 -273.56	505.05 17.31 -305.61	379.91 17.49 -187.54	361.84 17.68 -161.82	402.95 13.63 -232.60	366.36 12.65 -209.97	361.84 12.40 -205.33	368.10 12.03 -217.69	370.06 12.09 -220.66	361.84 12.98 -201.36	411.47 14.06 -235.66	429.00 16.45 -229.87	378.20 15.96 -184.93	409.33 14.67 -227.99	389.44 13.87 -214.27	391.65 13.41 -224.06	352.23 13.22 -190.46	333.41 13.02 -172.52
BARRETT_IC_3 23706	405.20 12.99 -229.95	332.61 12.94 -163.74	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	318.04 13.96 -141.81	468.00 16.37 -273.56	505.05 17.31 -305.61	379.91 17.49 -187.54	361.84 17.68 -161.82	402.95 13.63 -232.60	366.36 12.65 -209.97	361.84 12.40 -205.33	368.10 12.03 -217.69	370.06 12.09 -220.66	361.84 12.98 -201.36	411.47 14.06 -235.66	429.00 16.45 -229.87	378.20 15.96 -184.93	409.33 14.67 -227.99	389.44 13.87 -214.27	391.65 13.41 -224.06	352.23 13.22 -190.46	333.41 13.02 -172.52
BARRETT_IC_4 23707	405.20 12.99 -229.95	332.61 12.94 -163.74	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	318.04 13.96 -141.81	468.00 16.37 -273.56	505.05 17.31 -305.61	379.91 17.49 -187.54	361.84 17.68 -161.82	402.95 13.63 -232.60	366.36 12.65 -209.97	361.84 12.40 -205.33	368.10 12.03 -217.69	370.06 12.09 -220.66	361.84 12.98 -201.36	411.47 14.06 -235.66	429.00 16.45 -229.87	378.20 15.96 -184.93	409.33 14.67 -227.99	389.44 13.87 -214.27	391.65 13.41 -224.06	352.23 13.22 -190.46	333.41 13.02 -172.52

BARRETT_IC_5 23708	405.20 12.99 -229.95	332.61 12.94 -163.74	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	318.04 13.96 -141.81	468.00 16.37 -273.56	505.05 17.31 -305.61	379.91 17.49 -187.54	361.84 17.68 -161.82	402.95 13.63 -232.60	366.36 12.65 -209.97	361.84 12.40 -205.33	368.10 12.03 -217.69	370.06 12.09 -220.66	361.84 12.98 -201.36	411.47 14.06 -235.66	429.00 16.45 -229.87	378.20 15.96 -184.93	409.33 14.67 -227.99	389.44 13.87 -214.27	391.65 13.41 -224.06	352.23 13.22 -190.46	333.41 13.02 -172.52
BARRETT_IC_6 23709	405.20 12.99 -229.95	332.61 12.94 -163.74	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	318.04 13.96 -141.81	468.00 16.37 -273.56	505.05 17.31 -305.61	379.91 17.49 -187.54	361.84 17.68 -161.82	402.95 13.63 -232.60	366.36 12.65 -209.97	361.84 12.40 -205.33	368.10 12.03 -217.69	370.06 12.09 -220.66	361.84 12.98 -201.36	411.47 14.06 -235.66	429.00 16.45 -229.87	378.20 15.96 -184.93	409.33 14.67 -227.99	389.44 13.87 -214.27	391.65 13.41 -224.06	352.23 13.22 -190.46	333.41 13.02 -172.52
BARRETT_IC_7 23710	405.19 12.98 -229.95	332.46 12.79 -163.74	203.23 12.74 -37.03	203.23 12.31 -38.98	203.54 12.65 -34.75	317.87 13.79 -141.81	468.01 16.38 -273.56	505.05 17.30 -305.61	379.74 17.31 -187.54	361.85 17.69 -161.82	402.96 13.63 -232.60	366.36 12.65 -209.97	361.84 12.39 -205.33	368.11 12.04 -217.69	370.19 12.22 -220.66	361.84 12.98 -201.36	411.64 14.23 -235.66	429.17 16.62 -229.87	378.20 15.96 -184.93	409.33 14.67 -227.99	389.44 13.87 -214.27	391.66 13.41 -224.06	352.24 13.22 -190.46	333.41 13.01 -172.52
BARRETT_IC_8 23711	405.20 12.99 -229.95	332.61 12.94 -163.74	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	318.04 13.96 -141.81	468.00 16.37 -273.56	505.05 17.31 -305.61	379.91 17.49 -187.54	361.84 17.68 -161.82	402.95 13.63 -232.60	366.36 12.65 -209.97	361.84 12.40 -205.33	368.10 12.03 -217.69	370.06 12.09 -220.66	361.84 12.98 -201.36	411.47 14.06 -235.66	429.00 16.45 -229.87	378.20 15.96 -184.93	409.33 14.67 -227.99	389.44 13.87 -214.27	391.65 13.41 -224.06	352.23 13.22 -190.46	333.41 13.02 -172.52
BARRETT_IC_9 23700	252.45 12.99 -77.21	223.84 12.94 -54.97	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	223.84 13.96 -47.61	295.76 16.37 -101.32	314.64 17.31 -115.19	265.32 17.49 -72.94	254.35 17.68 -54.33	248.46 13.63 -78.11	227.14 12.65 -70.75	225.65 12.40 -69.14	223.84 12.03 -73.43	223.84 12.09 -74.45	228.20 12.98 -67.72	254.93 14.06 -79.12	277.31 16.45 -78.18	257.80 15.96 -64.53	257.90 14.67 -76.56	247.12 13.87 -71.95	242.84 13.41 -75.24	225.72 13.22 -63.95	218.82 13.02 -57.92
BARRETT___1 23545	405.20 12.99 -229.95	332.61 12.94 -163.74	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	318.04 13.96 -141.81	468.00 16.37 -273.56	505.05 17.31 -305.61	379.91 17.49 -187.54	361.84 17.68 -161.82	402.95 13.63 -232.60	366.36 12.65 -209.97	361.84 12.40 -205.33	368.10 12.03 -217.69	370.06 12.09 -220.66	361.84 12.98 -201.36	411.47 14.06 -235.66	429.00 16.45 -229.87	378.20 15.96 -184.93	409.33 14.67 -227.99	389.44 13.87 -214.27	391.65 13.41 -224.06	352.23 13.22 -190.46	333.41 13.02 -172.52
BARRETT___2 23546	252.45 12.99 -77.21	223.84 12.94 -54.97	203.22 12.73 -37.03	203.22 12.30 -38.98	203.22 12.33 -34.75	223.84 13.96 -47.61	295.76 16.37 -101.32	314.64 17.31 -115.19	265.32 17.49 -72.94	254.35 17.68 -54.33	248.46 13.63 -78.11	227.14 12.65 -70.75	225.65 12.40 -69.14	223.84 12.03 -73.43	223.84 12.09 -74.45	228.20 12.98 -67.72	254.93 14.06 -79.12	277.31 16.45 -78.18	257.80 15.96 -64.53	257.90 14.67 -76.56	247.12 13.87 -71.95	242.84 13.41 -75.24	225.72 13.22 -63.95	218.82 13.02 -57.92
BATAVIA__115KV_TB1 55881	151.39 -10.87 0.00	145.48 -10.45 0.00	143.64 -9.82 0.00	142.06 -9.88 0.00	146.31 -9.84 0.00	153.35 -8.92 0.00	169.32 -10.86 -2.11	170.64 -13.84 -2.35	163.65 -13.47 -2.23	168.41 -14.95 -1.03	143.87 -12.85 0.00	131.81 -11.93 0.00	131.87 -12.25 0.00	126.06 -12.32 0.00	125.63 -11.67 0.00	135.40 -12.09 0.00	147.67 -14.07 0.00	166.46 -16.44 -0.22	161.91 -15.96 -0.55	150.86 -15.83 -0.03	146.29 -15.00 0.00	140.15 -14.03 0.01	134.74 -13.82 0.00	138.12 -9.76 0.00
BAYONEEC___CTG1 323682	172.66 10.39 0.00	166.38 10.45 0.00	163.75 10.28 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.48 13.18 -14.24	215.64 14.58 -18.92	205.10 15.21 -15.00	198.20 15.86 -0.01	169.71 12.54 -0.45	166.56 11.64 -11.19	164.42 11.38 -8.92	164.46 10.93 -15.15	164.46 10.99 -16.17	164.40 11.80 -5.10	174.69 12.94 0.00	199.15 14.98 -1.49	195.51 14.54 -3.65	180.00 13.34 0.00	174.03 12.74 0.00	166.67 12.48 0.00	160.15 11.59 0.00	158.82 10.94 0.00
BAYONEEC___CTG10 323750	172.66 10.39 0.00	166.38 10.45 0.00	163.75 10.28 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.48 13.18 -14.24	215.64 14.58 -18.92	205.10 15.21 -15.00	198.20 15.86 -0.01	169.71 12.54 -0.45	166.56 11.64 -11.19	164.42 11.38 -8.92	164.46 10.93 -15.15	164.46 10.99 -16.17	164.40 11.80 -5.10	174.69 12.94 0.00	199.15 14.98 -1.49	195.51 14.54 -3.65	180.00 13.34 0.00	174.03 12.74 0.00	166.67 12.48 0.00	160.15 11.59 0.00	158.82 10.94 0.00
BAYONEEC___CTG2 323683	172.66 10.39 0.00	166.38 10.45 0.00	163.75 10.28 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.48 13.18 -14.24	215.64 14.58 -18.92	205.10 15.21 -15.00	198.20 15.86 -0.01	169.71 12.54 -0.45	166.56 11.64 -11.19	164.42 11.38 -8.92	164.46 10.93 -15.15	164.46 10.99 -16.17	164.40 11.80 -5.10	174.69 12.94 0.00	199.15 14.98 -1.49	195.51 14.54 -3.65	180.00 13.34 0.00	174.03 12.74 0.00	166.67 12.48 0.00	160.15 11.59 0.00	158.82 10.94 0.00
BAYONEEC___CTG3 323684	172.66 10.39 0.00	166.38 10.45 0.00	163.75 10.28 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.48 13.18 -14.24	215.64 14.58 -18.92	205.10 15.21 -15.00	198.20 15.86 -0.01	169.71 12.54 -0.45	166.56 11.64 -11.19	164.42 11.38 -8.92	164.46 10.93 -15.15	164.46 10.99 -16.17	164.40 11.80 -5.10	174.69 12.94 0.00	199.15 14.98 -1.49	195.51 14.54 -3.65	180.00 13.34 0.00	174.03 12.74 0.00	166.67 12.48 0.00	160.15 11.59 0.00	158.82 10.94 0.00
BAYONEEC___CTG4 323685	172.66 10.39 0.00	166.38 10.45 0.00	163.75 10.28 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.48 13.18 -14.24	215.64 14.58 -18.92	205.10 15.21 -15.00	198.20 15.86 -0.01	169.71 12.54 -0.45	166.56 11.64 -11.19	164.42 11.38 -8.92	164.46 10.93 -15.15	164.46 10.99 -16.17	164.40 11.80 -5.10	174.69 12.94 0.00	199.15 14.98 -1.49	195.51 14.54 -3.65	180.00 13.34 0.00	174.03 12.74 0.00	166.67 12.48 0.00	160.15 11.59 0.00	158.82 10.94 0.00
BAYONEEC___CTG5 323686	172.66 10.39 0.00	166.38 10.45 0.00	163.75 10.28 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.48 13.18 -14.24	215.64 14.58 -18.92	205.10 15.21 -15.00	198.20 15.86 -0.01	169.71 12.54 -0.45	166.56 11.64 -11.19	164.42 11.38 -8.92	164.46 10.93 -15.15	164.46 10.99 -16.17	164.40 11.80 -5.10	174.69 12.94 0.00	199.15 14.98 -1.49	195.51 14.54 -3.65	180.00 13.34 0.00	174.03 12.74 0.00	166.67 12.48 0.00	160.15 11.59 0.00	158.82 10.94 0.00
BAYONEEC___CTG6 323687	172.66 10.39 0.00	166.38 10.45 0.00	163.75 10.28 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.48 13.18 -14.24	215.64 14.58 -18.92	205.10 15.21 -15.00	198.20 15.86 -0.01	169.71 12.54 -0.45	166.56 11.64 -11.19	164.42 11.38 -8.92	164.46 10.93 -15.15	164.46 10.99 -16.17	164.40 11.80 -5.10	174.69 12.94 0.00	199.15 14.98 -1.49	195.51 14.54 -3.65	180.00 13.34 0.00	174.03 12.74 0.00	166.67 12.48 0.00	160.15 11.59 0.00	158.82 10.94 0.00

BAYONEEC___CTG7 323688	172.66 10.39 0.00	166.38 10.45 0.00	163.75 10.28 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.48 13.18 -14.24	215.64 14.58 -18.92	205.10 15.21 -15.00	198.20 15.86 -0.01	169.71 12.54 -0.45	166.56 11.64 -11.19	164.42 11.38 -8.92	164.46 10.93 -15.15	164.46 10.99 -16.17	164.40 11.80 -5.10	174.69 12.94 0.00	199.15 14.98 -1.49	195.51 14.54 -3.65	180.00 13.34 0.00	174.03 12.74 0.00	166.67 12.48 0.00	160.15 11.59 0.00	158.82 10.94 0.00
BAYONEEC___CTG8 323689	172.66 10.39 0.00	166.38 10.45 0.00	163.75 10.28 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.48 13.18 -14.24	215.64 14.58 -18.92	205.10 15.21 -15.00	198.20 15.86 -0.01	169.71 12.54 -0.45	166.56 11.64 -11.19	164.42 11.38 -8.92	164.46 10.93 -15.15	164.46 10.99 -16.17	164.40 11.80 -5.10	174.69 12.94 0.00	199.15 14.98 -1.49	195.51 14.54 -3.65	180.00 13.34 0.00	174.03 12.74 0.00	166.67 12.48 0.00	160.15 11.59 0.00	158.82 10.94 0.00
BAYONEEC___CTG9 323749	172.66 10.39 0.00	166.38 10.45 0.00	163.75 10.28 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.48 13.18 -14.24	215.64 14.58 -18.92	205.10 15.21 -15.00	198.20 15.86 -0.01	169.71 12.54 -0.45	166.56 11.64 -11.19	164.42 11.38 -8.92	164.46 10.93 -15.15	164.46 10.99 -16.17	164.40 11.80 -5.10	174.69 12.94 0.00	199.15 14.98 -1.49	195.51 14.54 -3.65	180.00 13.34 0.00	174.03 12.74 0.00	166.67 12.48 0.00	160.15 11.59 0.00	158.82 10.94 0.00
BEACON___LESR 323632	170.37 8.11 0.00	163.72 7.79 0.00	160.68 7.21 0.00	159.38 7.44 0.00	163.79 7.65 0.00	170.87 8.59 0.00	224.91 9.79 -37.06	250.47 10.01 -58.33	224.06 10.14 -39.04	192.91 10.57 0.00	165.65 8.93 0.00	151.93 8.19 0.00	151.89 7.78 0.00	145.98 7.61 0.00	144.17 6.86 0.00	154.43 6.93 0.00	170.15 8.41 0.00	196.05 9.49 -3.88	196.03 9.21 -9.51	175.16 8.50 0.00	169.35 8.06 0.00	161.74 7.55 0.00	156.72 8.17 0.00	155.56 7.68 0.00
BEAVER RIVER___HYD 24048	162.59 0.33 0.00	156.40 0.47 0.00	153.93 0.46 0.00	152.39 0.46 0.00	156.61 0.47 0.00	163.25 0.98 0.00	179.84 1.78 0.00	184.50 2.36 0.00	176.12 1.23 0.00	183.07 0.73 0.00	157.19 0.47 0.00	143.74 0.00 0.00	145.13 1.02 0.00	139.21 0.84 0.00	138.27 0.97 0.00	148.67 1.17 0.00	163.84 2.10 0.00	186.33 3.65 0.00	181.04 3.73 0.00	169.17 2.50 0.00	163.38 2.09 0.00	155.12 0.93 0.00	150.04 1.49 0.00	149.66 1.78 0.00
BEEBEE_GT_13 23619	154.15 -8.11 0.00	148.13 -7.80 0.00	146.10 -7.37 0.00	144.64 -7.29 0.00	148.96 -7.18 0.00	155.78 -6.49 0.00	170.41 -7.66 0.00	172.67 -9.47 0.00	165.62 -9.27 0.00	171.89 -11.49 -1.05	147.94 -8.78 0.00	135.69 -8.05 0.00	135.76 -8.36 0.00	130.08 -8.30 0.00	129.48 -7.83 0.00	139.24 -8.26 0.00	152.04 -9.70 0.00	171.52 -11.14 0.01	166.30 -10.99 0.02	155.48 -11.17 0.02	150.79 -10.48 0.01	144.47 -9.71 0.00	138.90 -9.66 0.00	140.78 -7.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	264.18 13.47 -88.46	259.87 13.10 -90.85	259.81 13.04 -93.31	249.11 12.46 -84.71	258.77 12.80 -89.83	263.69 13.47 -87.95	283.40 15.67 -89.67	518.33 16.94 -319.26	485.08 18.19 -292.01	530.65 19.15 -329.17	356.08 15.05 -184.31	353.77 13.94 -196.09	264.81 13.55 -107.15	264.70 13.01 -113.31	264.94 13.32 -114.32	275.74 14.16 -114.08	438.76 16.01 -261.00	514.39 18.45 -313.26	515.93 17.91 -320.72	565.04 16.33 -382.04	742.28 15.81 -565.19	374.44 14.96 -205.29	268.05 13.96 -105.53	264.77 13.46 -103.44
BETHLEHEM___GRP 23843	167.29 5.03 0.00	160.76 4.83 0.00	158.07 4.60 0.00	156.65 4.71 0.00	160.98 4.84 0.00	167.63 5.35 0.00	220.38 5.88 -36.44	245.18 5.83 -57.22	219.05 5.77 -38.39	188.53 6.20 0.00	162.05 5.33 0.00	148.77 5.03 0.00	148.87 4.76 0.00	143.22 4.84 0.00	141.29 3.98 0.00	151.48 3.98 0.00	166.43 4.69 0.00	191.61 5.11 -3.82	191.62 4.96 -9.35	171.33 4.67 0.00	165.64 4.35 0.00	158.35 4.16 0.00	153.76 5.20 0.00	152.91 5.03 0.00
BETHLEHEM___GS1 323560	167.30 5.04 0.00	160.77 4.84 0.00	158.06 4.60 0.00	156.65 4.72 0.00	160.82 4.68 0.00	167.62 5.35 0.00	220.37 5.87 -36.44	245.18 5.83 -57.22	219.04 5.76 -38.39	188.54 6.20 0.00	162.05 5.33 0.00	148.77 5.03 0.00	148.86 4.75 0.00	143.22 4.84 0.00	141.14 3.84 0.00	151.48 3.98 0.00	166.44 4.69 0.00	191.60 5.11 -3.82	191.62 4.96 -9.35	171.33 4.66 0.00	165.65 4.36 0.00	158.36 4.16 0.00	153.90 5.34 0.00	152.91 5.03 0.00
BETHLEHEM___GS2 323561	167.30 5.04 0.00	160.77 4.84 0.00	158.06 4.60 0.00	156.65 4.72 0.00	160.82 4.68 0.00	167.62 5.35 0.00	220.37 5.87 -36.44	245.18 5.83 -57.22	219.04 5.76 -38.39	188.54 6.20 0.00	162.05 5.33 0.00	148.77 5.03 0.00	148.86 4.75 0.00	143.22 4.84 0.00	141.14 3.84 0.00	151.48 3.98 0.00	166.44 4.69 0.00	191.60 5.11 -3.82	191.62 4.96 -9.35	171.33 4.66 0.00	165.65 4.36 0.00	158.36 4.16 0.00	153.90 5.34 0.00	152.91 5.03 0.00
BETHLEHEM___GS3 323562	167.30 5.04 0.00	160.77 4.84 0.00	158.06 4.60 0.00	156.65 4.72 0.00	160.82 4.68 0.00	167.62 5.35 0.00	220.37 5.87 -36.44	245.18 5.83 -57.22	219.04 5.76 -38.39	188.54 6.20 0.00	162.05 5.33 0.00	148.77 5.03 0.00	148.86 4.75 0.00	143.22 4.84 0.00	141.14 3.84 0.00	151.48 3.98 0.00	166.44 4.69 0.00	191.60 5.11 -3.82	191.62 4.96 -9.35	171.33 4.66 0.00	165.65 4.36 0.00	158.36 4.16 0.00	153.90 5.34 0.00	152.91 5.03 0.00
BETHLEHEM___STEEL 23779	148.96 -13.31 0.00	143.30 -12.63 0.00	141.80 -11.66 0.00	139.93 -12.00 0.00	144.12 -12.02 0.00	150.59 -11.68 0.00	166.32 -14.25 -2.50	167.24 -17.67 -2.77	160.38 -17.14 -2.63	151.74 -15.50 15.10	140.74 -15.99 0.00	129.08 -14.66 0.00	129.56 -14.56 0.00	123.85 -14.53 0.00	123.30 -14.01 0.00	132.75 -14.75 0.00	144.28 -17.47 0.00	162.81 -20.09 -0.23	158.76 -19.15 -0.60	148.12 -18.50 0.05	143.52 -17.74 0.03	137.38 -16.81 0.01	132.36 -16.19 0.00	136.34 -11.53 0.00
BETHLHEM_115KV_TB1 79974	167.29 5.03 0.00	160.76 4.83 0.00	158.07 4.60 0.00	156.65 4.71 0.00	161.14 5.00 0.00	167.63 5.35 0.00	219.22 6.05 -35.10	242.97 6.01 -54.82	217.81 5.95 -36.97	188.72 6.38 0.00	162.05 5.33 0.00	148.91 5.17 0.00	148.87 4.76 0.00	143.22 4.84 0.00	141.56 4.26 0.00	151.78 4.28 0.00	166.76 5.01 0.00	191.83 5.48 -3.67	191.46 5.14 -9.00	171.50 4.83 0.00	165.97 4.68 0.00	158.66 4.47 0.00	153.76 5.20 0.00	152.91 5.03 0.00
BETHPAGE_CC_5 323564	200.73 14.44 -24.03	187.08 14.04 -17.11	171.69 13.96 -4.26	170.10 13.68 -4.49	173.72 13.58 -4.00	192.34 15.25 -14.82	237.77 18.34 -41.36	250.90 19.86 -48.91	227.69 19.76 -33.05	219.12 19.88 -16.91	196.41 15.37 -24.32	180.25 14.23 -22.28	179.68 13.84 -21.73	174.74 13.15 -23.21	174.17 13.31 -23.55	183.16 14.46 -21.20	202.39 16.02 -24.63	227.61 19.56 -25.38	218.90 18.98 -22.61	207.84 17.33 -23.84	199.98 16.28 -22.41	193.04 15.42 -23.43	183.17 14.71 -19.91	179.96 14.06 -18.03
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	149.28 -12.98 0.00	143.61 -12.32 0.00	141.95 -11.51 0.00	140.09 -11.85 0.00	144.43 -11.71 0.00	150.91 -11.36 0.00	166.71 -13.89 -2.54	167.65 -17.30 -2.82	160.95 -16.61 -2.67	154.09 -14.04 14.21	141.05 -15.67 0.00	129.51 -14.23 0.00	129.99 -14.12 0.00	124.26 -14.11 0.00	123.71 -13.59 0.00	133.19 -14.31 0.00	144.76 -16.98 0.00	163.55 -19.36 -0.24	159.48 -18.44 -0.61	148.95 -17.67 0.05	144.16 -17.10 0.03	137.84 -16.34 0.01	132.81 -15.75 0.00	136.64 -11.24 0.00

BINGHAMTON___COGEN 23790	161.29 -0.97 0.00	155.15 -0.78 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.67 -0.47 0.00	162.43 0.16 0.00	183.90 0.53 -5.30	189.05 -0.36 -7.28	180.12 -0.35 -5.58	183.06 0.73 0.00	155.78 -0.94 0.00	142.73 -1.01 0.00	142.96 -1.15 0.00	137.27 -1.11 0.00	136.34 -0.96 0.00	146.61 -0.88 0.00	160.93 -0.81 0.00	182.49 -0.73 -0.55	177.95 -0.71 -1.35	165.64 -1.00 0.02	160.47 -0.81 0.01	153.11 -1.08 0.00	147.22 -1.34 0.00	147.73 -0.15 0.00
BIXINCNT_115KV_LOAD 355685	148.96 -13.31 0.00	143.14 -12.79 0.00	141.34 -12.12 0.00	139.17 -12.76 0.00	143.81 -12.34 0.00	149.94 -12.33 0.00	167.25 -13.53 -2.72	168.40 -16.76 -3.02	161.31 -16.44 -2.86	161.91 -10.94 9.48	141.05 -15.67 0.00	130.23 -13.51 0.00	131.29 -12.83 0.00	125.09 -13.28 0.00	124.67 -12.63 0.00	133.93 -13.57 0.00	146.22 -15.53 0.00	166.12 -16.81 -0.25	161.65 -16.31 -0.65	150.61 -16.00 0.06	145.77 -15.48 0.04	138.92 -15.26 0.01	133.55 -15.00 0.00	137.23 -10.65 0.00
BLACK RIVER___HYD 24047	164.85 2.59 0.00	158.89 2.96 0.00	156.37 2.91 0.00	154.82 2.88 0.00	159.10 2.96 0.00	166.66 4.38 0.00	183.93 5.87 0.00	188.88 6.74 0.00	180.13 5.24 0.00	186.89 4.56 0.00	160.16 3.44 0.00	146.18 2.44 0.00	147.15 3.03 0.00	141.15 2.77 0.00	140.19 2.89 0.00	151.19 3.69 0.00	167.07 5.33 0.00	190.35 7.67 0.00	184.93 7.62 0.00	172.50 5.83 0.00	166.45 5.16 0.00	158.05 3.86 0.00	151.98 3.42 0.00	151.58 3.70 0.00
BLACKRVR_115KV_TB2 79977	164.86 2.60 0.00	158.89 2.96 0.00	156.38 2.92 0.00	154.82 2.89 0.00	159.27 3.12 0.00	166.65 4.38 0.00	183.94 5.88 0.00	188.88 6.74 0.00	180.13 5.25 0.00	186.89 4.56 0.00	160.17 3.45 0.00	146.18 2.44 0.00	147.14 3.03 0.00	141.15 2.77 0.00	140.19 2.88 0.00	151.19 3.69 0.00	167.08 5.34 0.00	190.35 7.67 0.00	184.93 7.62 0.00	172.50 5.83 0.00	166.45 5.16 0.00	158.05 3.85 0.00	151.97 3.42 0.00	151.58 3.70 0.00
BLISS_WT_PWR 323608	148.14 -14.12 0.00	142.21 -13.72 0.00	140.57 -12.89 0.00	138.26 -13.67 0.00	142.87 -13.27 0.00	148.97 -13.30 0.00	166.36 -14.42 -2.72	167.31 -17.84 -3.02	160.43 -17.32 -2.86	161.55 -11.31 9.48	140.42 -16.30 0.00	129.80 -13.94 0.00	131.00 -13.11 0.00	124.68 -13.70 0.00	123.99 -13.32 0.00	133.48 -14.02 0.00	145.90 -15.84 0.00	165.39 -17.54 -0.25	161.12 -16.85 -0.65	149.45 -17.16 0.06	145.45 -15.80 0.04	138.30 -15.88 0.01	132.96 -15.60 0.00	136.63 -11.24 0.00
BLUESTONE___WT_PWR 323821	169.73 7.47 0.00	163.88 7.95 0.00	161.44 7.98 0.00	159.98 8.05 0.00	164.57 8.43 0.00	172.81 10.54 0.00	199.06 13.18 -7.82	206.53 13.12 -11.28	194.84 11.72 -8.23	195.09 12.76 0.00	165.96 9.24 0.00	152.07 8.33 0.00	152.62 8.50 0.00	146.26 7.88 0.00	145.13 7.82 0.00	156.65 9.15 0.00	173.06 11.32 0.00	197.58 14.07 -0.84	192.99 13.65 -2.03	178.03 11.34 -0.03	171.95 10.64 -0.02	163.60 9.41 0.00	156.72 8.17 0.00	156.90 9.02 0.00
BLUE_CIRC_CHEM_DRP 24182	168.75 6.49 0.00	162.17 6.24 0.00	159.30 5.83 0.00	157.86 5.93 0.00	162.39 6.25 0.00	168.93 6.65 0.00	214.85 7.30 -29.49	234.14 7.10 -44.90	212.77 6.82 -31.06	189.45 7.11 0.00	162.52 5.80 0.00	149.06 5.32 0.00	149.16 5.04 0.00	143.50 5.12 0.00	141.97 4.67 0.00	152.37 4.87 0.00	167.89 6.15 0.00	192.52 6.76 -3.09	191.44 6.56 -7.56	172.83 6.17 0.00	167.26 5.97 0.00	159.90 5.71 0.00	154.65 6.09 0.00	153.79 5.92 0.00
BOC_GAS_DRP 24189	167.13 4.87 0.00	160.61 4.68 0.00	158.07 4.60 0.00	156.49 4.56 0.00	160.98 4.84 0.00	167.46 5.19 0.00	211.76 6.05 -27.64	229.67 6.01 -41.52	209.95 5.95 -29.12	188.72 6.38 0.00	161.89 5.17 0.00	148.48 4.74 0.00	148.73 4.61 0.00	142.95 4.57 0.00	141.70 4.39 0.00	151.92 4.42 0.00	166.92 5.18 0.00	191.42 5.85 -2.89	189.90 5.50 -7.09	171.83 5.17 0.00	166.29 5.00 0.00	158.97 4.78 0.00	153.46 4.90 0.00	152.61 4.73 0.00
BOONVILLE_115KV_TB1 79983	165.18 2.92 0.00	159.20 3.27 0.00	156.69 3.22 0.00	155.13 3.19 0.00	159.58 3.44 0.00	166.65 4.38 0.00	183.76 5.70 0.00	188.15 6.01 0.00	179.96 5.07 0.00	187.26 4.92 0.00	160.64 3.92 0.00	146.90 3.16 0.00	147.86 3.75 0.00	141.84 3.46 0.00	140.74 3.43 0.00	151.48 3.98 0.00	166.92 5.18 0.00	189.25 6.58 0.00	183.87 6.56 0.00	172.00 5.33 0.00	166.13 4.84 0.00	158.05 3.85 0.00	152.42 3.86 0.00	151.87 3.99 0.00
BORALEX_4TH_BRANCH 23824	172.32 10.06 0.00	164.97 9.04 0.00	162.37 8.90 0.00	161.05 9.12 0.00	165.98 9.84 0.00	173.14 10.87 0.00	236.48 12.46 -45.95	268.21 11.84 -74.23	234.49 11.19 -48.41	192.91 10.58 0.00	165.34 8.62 0.00	151.65 7.91 0.00	151.75 7.64 0.00	145.85 7.47 0.00	144.99 7.69 0.00	155.46 7.96 0.00	171.77 10.03 0.00	199.54 12.06 -4.81	200.80 11.70 -11.79	176.83 10.17 0.00	170.97 9.68 0.00	163.13 8.94 0.00	156.88 8.32 0.00	156.01 8.13 0.00
BOWLINE___1 23526	170.86 8.59 0.00	164.50 8.57 0.00	162.05 8.59 0.00	160.14 8.20 0.00	164.26 8.11 0.00	171.52 9.24 0.00	202.91 11.04 -13.80	212.30 11.83 -18.33	201.84 12.42 -14.54	195.09 12.76 0.00	166.12 9.40 0.00	152.36 8.62 0.00	152.47 8.36 0.00	146.40 8.02 0.00	145.40 8.10 0.00	156.20 8.70 0.00	171.45 9.70 0.00	195.45 11.33 -1.45	191.85 11.00 -3.54	176.67 10.00 0.00	170.97 9.68 0.00	163.44 9.25 0.00	157.17 8.61 0.00	155.86 7.98 0.00
BOWLINE___2 23595	170.86 8.59 0.00	164.50 8.57 0.00	162.05 8.59 0.00	160.14 8.20 0.00	164.26 8.11 0.00	171.52 9.24 0.00	202.91 11.04 -13.80	212.30 11.83 -18.33	201.85 12.42 -14.54	195.09 12.76 0.00	166.12 9.40 0.00	152.36 8.62 0.00	152.47 8.36 0.00	146.40 8.02 0.00	145.40 8.10 0.00	156.20 8.70 0.00	171.45 9.70 0.00	195.45 11.33 -1.45	191.85 11.00 -3.54	176.67 10.00 0.00	170.97 9.68 0.00	163.44 9.25 0.00	157.17 8.61 0.00	155.86 7.98 0.00
BRADY___115KV_TB2 356060	163.56 1.30 0.00	157.02 1.09 0.00	154.39 0.92 0.00	153.00 1.06 0.00	156.61 0.47 0.00	161.46 -0.81 0.00	175.93 -2.14 0.00	180.68 -1.46 0.00	172.79 -2.10 0.00	179.96 -2.37 0.00	155.94 -0.78 0.00	142.73 -1.01 0.00	143.83 -0.29 0.00	137.83 -0.55 0.00	136.76 -0.55 0.00	146.61 -0.88 0.00	160.29 -1.46 0.00	181.40 -1.28 0.00	176.42 -0.89 0.00	166.00 -0.67 0.00	160.48 -0.81 0.00	154.34 0.15 0.00	149.30 0.74 0.00	148.62 0.74 0.00
BRANSCOMB___SOLAR 323811	172.97 10.71 0.00	166.22 10.29 0.00	162.98 9.52 0.00	161.67 9.73 0.00	166.29 10.14 0.00	173.46 11.19 0.00	249.80 13.18 -58.56	291.99 13.29 -96.56	249.33 12.76 -61.69	194.74 12.40 0.00	166.60 9.88 0.00	152.36 8.62 0.00	152.33 8.21 0.00	146.40 8.02 0.00	145.27 7.96 0.00	156.65 9.15 0.00	173.23 11.49 0.00	202.52 13.71 -6.13	205.64 13.30 -15.02	178.67 12.01 0.00	172.74 11.45 0.00	164.68 10.49 0.00	158.36 9.80 0.00	157.35 9.47 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	187.60 14.77 -10.57	177.80 14.35 -7.53	169.84 14.58 -1.80	168.11 14.28 -1.89	172.35 14.52 -1.69	184.86 16.06 -6.52	223.66 19.41 -26.19	235.76 21.49 -32.13	218.65 20.81 -22.95	210.56 20.79 -7.44	183.10 15.67 -10.71	168.41 14.66 -10.01	167.97 14.12 -9.73	162.30 13.42 -10.50	162.25 14.28 -10.66	171.67 14.75 -9.42	189.73 17.14 -10.84	215.88 21.19 -12.01	209.53 20.21 -12.00	195.67 18.50 -10.50	188.58 17.42 -9.87	181.47 16.96 -10.32	172.91 15.60 -8.76	170.60 14.79 -7.93

BRISTLHL_115KV_TB1 79998	158.04 -4.22 0.00	152.03 -3.90 0.00	149.63 -3.84 0.00	148.14 -3.80 0.00	152.39 -3.75 0.00	159.03 -3.25 0.00	174.86 -3.21 0.00	178.68 -3.46 0.00	171.39 -3.50 0.00	178.32 -4.01 0.00	152.96 -3.76 0.00	140.15 -3.59 0.00	140.22 -3.89 0.00	134.64 -3.74 0.00	133.74 -3.57 0.00	143.66 -3.83 0.00	157.86 -3.88 0.00	178.47 -4.20 0.00	173.23 -4.08 0.00	162.50 -4.17 0.00	157.26 -4.03 0.00	150.18 -4.01 0.00	144.40 -4.16 0.00	144.18 -3.70 0.00
BROOKHAVEN___DRP 24191	185.73 14.44 -9.03	176.39 14.03 -6.43	169.10 14.12 -1.52	168.27 14.74 -1.60	172.40 14.83 -1.43	184.23 16.39 -5.57	222.28 19.77 -24.45	234.20 21.86 -30.20	218.02 21.34 -21.80	209.66 20.97 -6.35	181.23 15.36 -9.15	167.15 14.81 -8.61	166.59 14.12 -8.35	160.29 12.87 -9.04	160.91 14.42 -9.19	170.47 14.90 -8.07	188.47 17.47 -9.26	214.89 21.74 -10.48	208.84 20.75 -10.79	194.97 19.33 -8.97	187.95 18.23 -8.43	180.89 17.89 -8.82	172.23 16.19 -7.48	169.88 15.23 -6.77
BROOKLYN_NAVY_YARD 23515	172.49 10.23 0.00	166.06 10.13 0.00	163.59 10.13 0.00	161.51 9.58 0.00	165.67 9.53 0.00	173.15 10.87 0.00	205.30 12.99 -14.24	215.64 14.58 -18.92	205.10 15.21 -15.00	198.40 16.05 -0.01	169.86 12.69 -0.45	166.43 11.50 -11.19	164.42 11.38 -8.92	164.46 10.93 -15.15	164.46 10.99 -16.17	164.40 11.80 -5.10	174.52 12.77 0.00	199.15 14.98 -1.49	195.51 14.54 -3.65	179.83 13.16 0.00	173.88 12.59 0.00	166.53 12.34 0.00	160.45 11.89 0.00	158.82 10.94 0.00
BROOKLYN___ARMY_DRP 323595	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
BROOKVLE_69_KV_TB1 55790	216.06 14.12 -39.68	197.75 13.57 -28.25	174.15 13.66 -7.03	172.40 13.07 -7.40	176.17 13.43 -6.60	201.34 14.60 -24.47	253.99 16.92 -59.01	268.76 18.21 -68.41	238.04 18.36 -44.79	229.77 19.51 -27.92	212.23 15.36 -40.15	194.51 14.23 -36.54	193.63 13.84 -35.68	189.65 13.28 -37.98	189.29 13.46 -38.53	196.69 14.31 -34.89	218.42 16.01 -40.67	241.86 18.27 -40.91	229.99 17.73 -34.95	222.19 16.17 -39.36	214.08 15.81 -36.99	207.98 15.11 -38.68	195.53 14.11 -32.86	191.25 13.60 -29.77
BROOME_2_LFGE 323671	161.29 -0.97 0.00	155.15 -0.78 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.52 -0.62 0.00	162.43 0.16 0.00	183.90 0.54 -5.30	189.05 -0.36 -7.28	180.12 -0.35 -5.58	182.88 0.55 0.00	155.79 -0.93 0.00	142.74 -1.00 0.00	142.96 -1.16 0.00	137.27 -1.11 0.00	136.35 -0.95 0.00	146.62 -0.88 0.00	160.94 -0.80 0.00	182.50 -0.73 -0.55	177.95 -0.71 -1.35	165.65 -0.99 0.02	160.47 -0.80 0.01	153.11 -1.07 0.00	147.22 -1.34 0.00	147.73 -0.15 0.00
BROOME___LFGE 323600	161.29 -0.97 0.00	155.15 -0.78 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.52 -0.62 0.00	162.43 0.16 0.00	183.90 0.54 -5.30	189.05 -0.36 -7.28	180.12 -0.35 -5.58	182.88 0.55 0.00	155.79 -0.93 0.00	142.74 -1.00 0.00	142.96 -1.16 0.00	137.27 -1.11 0.00	136.35 -0.95 0.00	146.62 -0.88 0.00	160.94 -0.80 0.00	182.50 -0.73 -0.55	177.95 -0.71 -1.35	165.65 -0.99 0.02	160.47 -0.80 0.01	153.11 -1.07 0.00	147.22 -1.34 0.00	147.73 -0.15 0.00
BROWNFLS_115KV_TB_3_5 80003	161.61 -0.65 0.00	155.31 -0.62 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.21 -0.94 0.00	160.65 -1.62 0.00	175.39 -2.67 0.00	180.32 -1.82 0.00	172.26 -2.62 0.00	179.24 -3.10 0.00	154.84 -1.88 0.00	141.73 -2.01 0.00	142.96 -1.15 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	145.73 -1.77 0.00	160.13 -1.62 0.00	181.58 -1.10 0.00	176.42 -0.89 0.00	165.50 -1.17 0.00	159.84 -1.45 0.00	152.96 -1.23 0.00	148.41 -0.15 0.00	148.03 0.15 0.00
BROWNSV1_27_KV_LOAD 356125	174.43 12.17 0.00	167.78 11.85 0.00	165.28 11.82 0.00	163.18 11.24 0.00	167.70 11.55 0.00	174.60 12.33 0.00	207.26 14.96 -14.24	217.45 16.39 -18.92	207.03 17.14 -15.00	200.40 18.05 -0.01	171.43 14.26 -0.45	168.15 13.22 -11.19	166.01 12.97 -8.92	165.84 12.32 -15.15	166.10 12.63 -16.17	166.02 13.42 -5.10	176.79 15.04 0.00	201.52 17.35 -1.49	197.63 16.67 -3.65	181.83 15.17 0.00	175.97 14.68 0.00	168.22 14.03 0.00	161.63 13.07 0.00	160.30 12.42 0.00
BURROWS___LYONSDAL 23803	164.53 2.27 0.00	158.42 2.49 0.00	155.92 2.46 0.00	154.37 2.43 0.00	158.80 2.65 0.00	165.84 3.57 0.00	182.69 4.63 0.00	187.24 5.10 0.00	178.91 4.02 0.00	186.16 3.83 0.00	159.70 2.98 0.00	146.18 2.44 0.00	147.29 3.17 0.00	141.28 2.91 0.00	140.19 2.88 0.00	150.89 3.39 0.00	166.27 4.53 0.00	188.70 6.03 0.00	183.16 5.85 0.00	171.33 4.67 0.00	165.64 4.35 0.00	157.27 3.08 0.00	151.82 3.27 0.00	151.43 3.55 0.00
CAITHNESS_CC_1 323624	185.04 13.78 -8.99	175.74 13.41 -6.40	168.63 13.65 -1.51	167.50 13.97 -1.59	171.14 13.58 -1.42	183.39 15.58 -5.54	221.33 18.87 -24.40	233.23 20.94 -30.15	217.11 20.45 -21.77	208.54 19.88 -6.33	180.24 14.41 -9.11	166.40 14.09 -8.57	165.97 13.54 -8.32	159.69 12.31 -9.00	159.51 13.05 -9.15	169.70 14.16 -8.04	186.33 15.37 -9.22	213.39 20.27 -10.44	207.75 19.68 -10.76	193.93 18.33 -8.93	186.77 17.09 -8.39	179.00 16.04 -8.78	171.31 15.30 -7.45	169.12 14.50 -6.74
CALPINE BETH_PAGE_GT4 24209	207.18 14.44 -30.47	191.66 14.03 -21.70	173.04 14.12 -5.46	171.36 13.67 -5.75	175.32 14.05 -5.12	196.15 15.09 -18.79	245.03 18.34 -48.63	258.74 19.67 -56.94	232.36 19.59 -37.88	223.84 20.06 -21.44	202.92 15.36 -30.84	186.12 14.23 -28.15	185.56 13.98 -27.47	180.95 13.28 -29.29	180.75 13.73 -29.71	188.79 14.45 -26.83	209.47 16.50 -31.23	234.18 19.73 -31.77	223.97 18.97 -27.69	214.23 17.33 -30.23	206.15 16.45 -28.41	199.62 15.73 -29.71	188.50 14.71 -25.24	184.79 14.05 -22.86
CALPINE_BETH_PAGE_GT_4 323586	207.17 14.44 -30.47	191.82 14.19 -21.70	173.03 14.11 -5.46	171.36 13.68 -5.75	174.84 13.58 -5.12	196.31 15.25 -18.79	245.03 18.34 -48.63	258.93 19.86 -56.94	232.35 19.58 -37.88	223.66 19.88 -21.44	202.93 15.37 -30.84	186.12 14.23 -28.15	185.56 13.98 -27.47	180.95 13.29 -29.29	180.33 13.31 -29.71	188.79 14.46 -26.83	208.99 16.02 -31.23	234.00 19.56 -31.77	223.98 18.98 -27.69	214.23 17.33 -30.23	205.98 16.28 -28.41	199.46 15.57 -29.71	188.51 14.71 -25.24	184.80 14.06 -22.86
CALPINE_BP_GT1 23823	207.17 14.44 -30.47	191.82 14.19 -21.70	173.03 14.11 -5.46	171.36 13.68 -5.75	174.84 13.58 -5.12	196.31 15.25 -18.79	245.03 18.34 -48.63	258.93 19.86 -56.94	232.35 19.58 -37.88	223.66 19.88 -21.44	202.93 15.37 -30.84	186.12 14.23 -28.15	185.56 13.98 -27.47	180.95 13.29 -29.29	180.33 13.31 -29.71	188.79 14.46 -26.83	208.99 16.02 -31.23	234.00 19.56 -31.77	223.98 18.98 -27.69	214.23 17.33 -30.23	205.98 16.28 -28.41	199.46 15.57 -29.71	188.51 14.71 -25.24	184.80 14.06 -22.86
CALSPAN___DRP 24200	148.96 -13.31 0.00	143.30 -12.63 0.00	141.80 -11.66 0.00	139.93 -12.00 0.00	144.12 -12.02 0.00	150.59 -11.68 0.00	166.32 -14.25 -2.50	167.24 -17.67 -2.77	160.38 -17.14 -2.63	151.74 -15.50 15.10	140.74 -15.99 0.00	129.08 -14.66 0.00	129.56 -14.56 0.00	123.85 -14.53 0.00	123.30 -14.01 0.00	132.75 -14.75 0.00	144.28 -17.47 0.00	162.81 -20.09 -0.23	158.76 -19.15 -0.60	148.12 -18.50 0.05	143.52 -17.74 0.03	137.38 -16.81 0.01	132.36 -16.19 0.00	136.34 -11.53 0.00

CALVERTON___SOLAR 323806	186.40 15.09 -9.05	177.02 14.65 -6.44	169.87 14.88 -1.52	169.04 15.51 -1.60	172.71 15.14 -1.43	185.22 17.37 -5.58	223.53 21.00 -24.46	235.49 23.13 -30.22	219.09 22.39 -21.81	210.57 21.87 -6.36	181.56 15.67 -9.16	167.89 15.53 -8.62	167.19 14.71 -8.36	160.72 13.29 -9.05	160.79 14.28 -9.20	171.07 15.48 -8.08	187.68 16.66 -9.27	215.81 22.65 -10.49	210.09 21.98 -10.80	195.98 20.33 -8.98	188.76 19.02 -8.44	180.74 17.72 -8.83	172.83 16.78 -7.49	170.79 16.12 -6.78
CANDIGU_WT_PWR 323617	153.66 -8.60 0.00	147.81 -8.12 0.00	145.95 -7.52 0.00	144.34 -7.59 0.00	148.81 -7.34 0.00	155.78 -6.50 0.00	174.17 -7.31 -3.42	177.14 -9.66 -4.66	169.04 -9.45 -3.60	90.84 -8.57 82.93	146.85 -9.87 0.00	134.83 -8.91 0.00	135.18 -8.94 0.00	129.52 -8.86 0.00	128.66 -8.65 0.00	139.10 -8.40 0.00	152.69 -9.05 0.00	172.94 -10.05 -0.31	168.37 -9.75 -0.81	156.75 -9.83 0.09	151.88 -9.36 0.05	144.93 -9.25 0.02	139.49 -9.07 0.00	141.67 -6.21 0.00
CARR STREET_E_SYR 24060	158.54 -3.73 0.00	152.50 -3.43 0.00	150.09 -3.38 0.00	148.59 -3.34 0.00	152.86 -3.29 0.00	159.51 -2.76 0.00	175.40 -2.67 0.00	179.22 -2.92 0.00	172.08 -2.80 0.00	179.23 -3.10 0.00	153.59 -3.13 0.00	140.71 -3.03 0.00	141.08 -3.03 0.00	135.33 -3.04 0.00	134.42 -2.89 0.00	144.55 -2.95 0.00	158.51 -3.23 0.00	179.39 -3.28 0.00	173.94 -3.37 0.00	163.16 -3.51 0.00	158.07 -3.22 0.00	150.80 -3.39 0.00	145.15 -3.41 0.00	144.92 -2.96 0.00
CARTHAGE___PAPER 23857	163.41 1.14 0.00	157.33 1.40 0.00	154.69 1.22 0.00	153.30 1.36 0.00	157.54 1.40 0.00	164.54 2.27 0.00	181.44 3.37 0.00	186.33 4.19 0.00	177.68 2.79 0.00	184.53 2.20 0.00	158.29 1.57 0.00	144.61 0.87 0.00	145.70 1.59 0.00	139.90 1.52 0.00	138.96 1.65 0.00	149.56 2.06 0.00	165.15 3.40 0.00	187.78 5.11 0.00	182.62 5.31 0.00	170.50 3.84 0.00	164.68 3.39 0.00	156.35 2.16 0.00	150.79 2.23 0.00	150.24 2.36 0.00
CASSADAGA_WT_PWR 323784	151.87 -10.39 0.00	146.11 -9.82 0.00	144.41 -9.05 0.00	142.52 -9.42 0.00	146.78 -9.36 0.00	153.83 -8.45 0.00	170.73 -9.97 -2.63	171.77 -13.29 -2.92	165.07 -12.59 -2.77	161.44 -9.49 11.41	144.80 -11.92 0.00	132.96 -10.78 0.00	133.60 -10.51 0.00	127.73 -10.65 0.00	126.74 -10.57 0.00	137.17 -10.33 0.00	149.29 -12.45 0.00	168.30 -14.62 -0.24	164.11 -13.83 -0.63	152.95 -13.66 0.05	148.20 -13.06 0.03	141.23 -12.95 0.01	136.08 -12.48 0.00	140.18 -7.70 0.00
CE_DUNWOOD___DRP 24194	172.16 9.90 0.00	165.60 9.67 0.00	163.29 9.82 0.00	161.36 9.42 0.00	165.82 9.68 0.00	172.66 10.39 0.00	204.92 12.64 -14.21	214.68 13.66 -18.89	203.85 13.99 -14.97	197.10 14.77 0.00	168.17 11.44 -0.01	154.70 10.64 -0.32	154.75 10.38 -0.26	148.64 9.82 -0.44	147.93 10.16 -0.46	158.41 10.77 -0.15	173.87 12.13 0.00	198.23 14.07 -1.49	194.43 13.48 -3.65	178.83 12.17 0.00	173.06 11.77 0.00	165.45 11.26 0.00	158.96 10.40 0.00	157.79 9.91 0.00
CE_MILLWOOD___DRP 24193	171.84 9.57 0.00	165.29 9.36 0.00	162.83 9.36 0.00	161.05 9.12 0.00	165.51 9.37 0.00	172.33 10.06 0.00	204.51 12.29 -14.16	214.25 13.30 -18.81	203.44 13.64 -14.92	196.56 14.22 0.00	167.70 10.97 -0.01	154.20 10.21 -0.26	154.26 9.94 -0.21	148.14 9.41 -0.35	147.43 9.75 -0.37	157.94 10.32 -0.12	173.39 11.65 0.00	197.49 13.34 -1.48	193.89 12.94 -3.63	178.33 11.67 0.00	172.58 11.29 0.00	164.98 10.79 0.00	158.66 10.10 0.00	157.34 9.46 0.00
CE_NYC2_DRP 24202	173.95 11.68 -0.01	167.32 11.38 -0.01	164.83 11.36 -0.01	162.88 10.94 -0.01	167.39 11.24 -0.01	174.12 11.85 0.00	206.02 13.71 -14.24	216.00 14.94 -18.92	205.98 16.09 -15.00	206.16 16.96 -6.87	179.31 13.48 -9.12	177.14 12.51 -20.90	168.83 12.25 -12.47	168.69 11.62 -18.69	168.96 11.95 -19.71	174.15 12.68 -13.97	181.33 14.07 -5.52	200.43 16.26 -1.49	196.57 15.60 -3.65	181.00 14.33 0.00	175.17 13.87 -0.01	177.16 13.26 -9.71	164.84 12.48 -3.81	163.03 11.83 -3.32
CE_NYC_DRP 24195	173.13 10.87 0.00	166.69 10.76 0.00	164.21 10.74 0.00	162.12 10.18 0.00	166.60 10.46 0.00	173.47 11.20 0.00	206.02 13.71 -14.24	216.00 14.94 -18.92	205.63 15.74 -15.00	198.94 16.59 -0.01	170.31 13.16 -0.42	166.43 12.07 -10.62	164.40 11.82 -8.47	164.10 11.35 -14.38	164.18 11.53 -15.35	164.58 12.24 -4.84	175.33 13.59 0.00	199.88 15.71 -1.49	196.03 15.07 -3.65	180.33 13.67 0.00	174.52 13.23 0.00	166.83 12.64 0.00	160.44 11.88 0.00	159.12 11.24 0.00
CHAFFEE___LFGE 323603	149.77 -12.49 0.00	144.07 -11.86 0.00	142.41 -11.05 0.00	140.54 -11.40 0.00	144.75 -11.39 0.00	151.23 -11.04 0.00	167.31 -13.36 -2.61	167.90 -17.13 -2.89	161.37 -16.26 -2.75	156.58 -13.49 12.27	141.52 -15.20 0.00	129.80 -13.94 0.00	130.28 -13.84 0.00	124.54 -13.84 0.00	123.58 -13.73 0.00	133.48 -14.02 0.00	145.24 -16.50 0.00	163.92 -19.00 -0.24	159.85 -18.09 -0.63	148.94 -17.67 0.05	144.32 -16.93 0.03	137.83 -16.35 0.01	132.81 -15.75 0.00	136.94 -10.94 0.00
CHATEAUG_35_KV_LOAD 355732	162.26 0.00 0.00	155.62 -0.31 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.36 -0.78 0.00	160.16 -2.11 0.00	174.33 -3.74 0.00	179.22 -2.91 0.00	171.56 -3.32 0.00	178.87 -3.46 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	143.11 -1.01 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	146.02 -1.47 0.00	159.48 -2.26 0.00	179.57 -3.11 0.00	174.65 -2.66 0.00	164.33 -2.33 0.00	158.87 -2.42 0.00	152.49 -1.70 0.00	147.67 -0.89 0.00	147.44 -0.44 0.00
CHATEAUG_WT_PWR 323614	162.26 0.00 0.00	155.62 -0.31 0.00	153.01 -0.46 0.00	151.48 -0.45 0.00	155.68 -0.47 0.00	160.16 -2.11 0.00	174.32 -3.75 0.00	179.22 -2.92 0.00	171.56 -3.33 0.00	178.69 -3.65 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	142.96 -1.16 0.00	137.00 -1.38 0.00	135.93 -1.37 0.00	145.88 -1.62 0.00	159.32 -2.42 0.00	179.39 -3.28 0.00	174.29 -3.02 0.00	163.99 -2.67 0.00	158.55 -2.74 0.00	152.18 -2.01 0.00	147.36 -1.19 0.00	147.44 -0.44 0.00
CHAT_HIGH_FALL_HYD 323578	162.26 0.00 0.00	155.62 -0.31 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.36 -0.78 0.00	160.16 -2.11 0.00	174.33 -3.74 0.00	179.22 -2.91 0.00	171.56 -3.32 0.00	178.87 -3.46 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	143.11 -1.01 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	146.02 -1.47 0.00	159.48 -2.26 0.00	179.57 -3.11 0.00	174.65 -2.66 0.00	164.33 -2.33 0.00	158.87 -2.42 0.00	152.49 -1.70 0.00	147.67 -0.89 0.00	147.44 -0.44 0.00
CHAUTAUQUA___LFGE 323629	150.42 -11.84 0.00	144.55 -11.38 0.00	143.02 -10.44 0.00	141.15 -10.78 0.00	145.37 -10.77 0.00	152.21 -10.06 0.00	168.33 -12.28 -2.55	169.31 -15.67 -2.83	162.53 -15.04 -2.69	155.07 -13.13 14.13	142.62 -14.10 0.00	130.95 -12.79 0.00	131.58 -12.54 0.00	125.79 -12.59 0.00	124.95 -12.36 0.00	135.11 -12.39 0.00	146.87 -14.88 0.00	165.73 -17.18 -0.24	161.44 -16.48 -0.62	150.45 -16.16 0.05	145.77 -15.48 0.03	139.23 -14.95 0.01	134.29 -14.26 0.00	138.41 -9.47 0.00
CHERRYST_13_KV_LD 356241	173.62 11.36 0.00	167.16 11.23 0.00	164.67 11.20 0.00	162.57 10.64 0.00	167.07 10.93 0.00	173.96 11.68 0.00	206.55 14.25 -14.24	216.72 15.66 -18.92	206.33 16.44 -15.00	199.67 17.32 -0.01	170.94 13.79 -0.42	167.01 12.65 -10.62	164.98 12.39 -8.47	164.66 11.90 -14.38	164.73 12.08 -15.35	165.17 12.83 -4.84	175.98 14.23 0.00	200.61 16.44 -1.49	196.74 15.78 -3.65	181.00 14.33 0.00	175.00 13.71 0.00	167.45 13.26 0.00	160.89 12.33 0.00	159.56 11.68 0.00

CHESTROR_138KV_BK263 355645	170.21 7.95 0.00	163.57 7.64 0.00	161.29 7.83 0.00	159.38 7.44 0.00	163.79 7.65 0.00	170.55 8.28 0.00	201.26 9.97 -13.23	210.44 10.75 -17.56	199.84 11.02 -13.93	193.64 11.30 0.00	165.34 8.62 0.00	151.65 7.91 0.00	151.90 7.78 0.00	145.71 7.33 0.00	144.86 7.55 0.00	155.61 8.11 0.00	170.96 9.22 0.00	194.66 10.60 -1.38	190.99 10.28 -3.39	176.00 9.33 0.00	170.32 9.03 0.00	162.83 8.63 0.00	156.58 8.02 0.00	155.42 7.54 0.00
CH_MIDHUDSON___DRP 24192	172.32 10.06 0.00	165.60 9.67 0.00	163.13 9.67 0.00	161.20 9.27 0.00	165.82 9.68 0.00	172.82 10.55 0.00	205.20 12.46 -14.67	215.38 13.66 -19.58	204.16 13.82 -15.46	196.56 14.22 0.00	167.85 11.13 0.00	153.95 10.21 0.00	154.06 9.94 0.00	147.93 9.55 0.00	147.05 9.75 0.00	157.82 10.32 0.00	173.71 11.97 0.00	198.10 13.88 -1.54	194.37 13.30 -3.76	178.83 12.17 0.00	173.06 11.77 0.00	165.29 11.10 0.00	158.96 10.40 0.00	157.64 9.76 0.00
CH_MISC_IPPS 23765	173.13 10.87 0.00	166.54 10.61 0.00	164.05 10.58 0.00	162.12 10.18 0.00	166.29 10.14 0.00	173.79 11.52 0.00	205.99 13.53 -14.40	215.92 14.58 -19.20	204.75 14.69 -15.17	197.29 14.95 0.00	168.48 11.76 0.00	154.53 10.79 0.00	154.63 10.51 0.00	148.35 9.97 0.00	147.32 10.02 0.00	158.41 10.91 0.00	174.20 12.46 0.00	198.61 14.43 -1.51	195.01 14.00 -3.69	179.50 12.83 0.00	173.71 12.42 0.00	165.90 11.71 0.00	159.55 10.99 0.00	158.23 10.35 0.00
CH_RES_BVR_FALLS 23983	160.48 -1.78 0.00	154.07 -1.86 0.00	151.63 -1.83 0.00	150.27 -1.67 0.00	154.43 -1.71 0.00	158.55 -3.73 0.00	173.62 -4.44 0.00	177.96 -4.18 0.00	170.69 -4.20 0.00	178.15 -4.19 0.00	153.90 -2.82 0.00	141.30 -2.44 0.00	141.96 -2.16 0.00	136.31 -2.07 0.00	135.25 -2.06 0.00	145.43 -2.07 0.00	159.15 -2.59 0.00	179.39 -3.28 0.00	174.12 -3.19 0.00	163.83 -2.83 0.00	158.55 -2.74 0.00	151.88 -2.31 0.00	146.62 -1.94 0.00	145.95 -1.93 0.00
CH_RES_NIAGARA 23895	144.74 -17.52 0.00	139.40 -16.53 0.00	137.81 -15.65 0.00	136.13 -15.80 0.00	140.06 -16.08 0.00	146.21 -16.06 0.00	160.41 -19.94 -2.29	160.82 -23.86 -2.54	154.21 -23.09 -2.41	146.00 -24.80 11.53	135.88 -20.84 0.00	124.62 -19.12 0.00	124.95 -19.17 0.00	119.42 -18.96 0.00	118.91 -18.40 0.00	127.88 -19.62 0.00	138.45 -23.29 0.00	155.86 -27.04 -0.21	151.27 -26.60 -0.55	141.12 -25.50 0.04	137.39 -23.87 0.03	132.13 -22.05 0.01	127.61 -20.95 0.00	131.91 -15.97 0.00
CH_RES_SYRACUSE 23985	159.99 -2.27 0.00	153.90 -2.03 0.00	151.46 -2.00 0.00	149.96 -1.98 0.00	154.28 -1.87 0.00	160.97 -1.30 0.00	177.18 -0.89 0.00	180.87 -1.27 0.00	173.67 -1.22 0.00	180.87 -1.47 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	142.24 -1.88 0.00	136.44 -1.94 0.00	135.52 -1.79 0.00	145.73 -1.76 0.00	159.97 -1.78 0.00	181.03 -1.65 0.00	175.71 -1.60 0.00	164.84 -1.83 0.00	159.52 -1.77 0.00	152.35 -1.84 0.00	146.48 -2.08 0.00	146.26 -1.62 0.00
CLINTON_WT_PWR 323605	162.26 0.00 0.00	155.62 -0.31 0.00	153.01 -0.46 0.00	151.48 -0.45 0.00	155.68 -0.47 0.00	160.16 -2.11 0.00	174.32 -3.75 0.00	179.22 -2.92 0.00	171.56 -3.33 0.00	178.69 -3.65 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	142.96 -1.16 0.00	137.00 -1.38 0.00	135.93 -1.37 0.00	145.88 -1.62 0.00	159.32 -2.42 0.00	179.39 -3.28 0.00	174.29 -3.02 0.00	163.99 -2.67 0.00	158.55 -2.74 0.00	152.18 -2.01 0.00	147.36 -1.19 0.00	147.44 -0.44 0.00
CLINTON___LFGE 323618	164.85 2.59 0.00	157.81 1.88 0.00	155.16 1.69 0.00	153.61 1.67 0.00	157.86 1.72 0.00	162.60 0.33 0.00	176.63 -1.43 0.00	181.59 -0.54 0.00	173.84 -1.04 0.00	181.25 -1.09 0.00	156.88 0.16 0.00	143.74 0.00 0.00	144.69 0.58 0.00	138.66 0.28 0.00	137.58 0.28 0.00	147.50 0.00 0.00	161.26 -0.48 0.00	181.59 -1.09 0.00	176.60 -0.71 0.00	166.17 -0.50 0.00	160.81 -0.48 0.00	154.19 0.00 0.00	149.30 0.75 0.00	149.80 1.92 0.00
COBBLENY_34_KV_TB1 80064	149.77 -12.49 0.00	144.08 -11.85 0.00	142.41 -11.05 0.00	140.54 -11.40 0.00	144.74 -11.40 0.00	151.24 -11.03 0.00	167.32 -13.35 -2.61	168.27 -16.76 -2.89	161.37 -16.26 -2.75	156.21 -13.86 12.27	141.52 -15.20 0.00	129.80 -13.94 0.00	130.28 -13.84 0.00	124.54 -13.84 0.00	123.85 -13.46 0.00	133.49 -14.01 0.00	145.08 -16.66 0.00	163.92 -19.00 -0.24	159.85 -18.09 -0.63	149.11 -17.50 0.05	144.32 -16.94 0.03	137.99 -16.19 0.01	132.96 -15.60 0.00	136.94 -10.94 0.00
COFFEEN___115KV_TB3 355620	165.99 3.73 0.00	159.98 4.05 0.00	157.45 3.99 0.00	155.89 3.95 0.00	160.36 4.22 0.00	167.95 5.68 0.00	185.72 7.66 0.00	190.70 8.56 0.00	181.53 6.65 0.00	188.35 6.02 0.00	161.27 4.54 0.00	147.19 3.45 0.00	148.01 3.89 0.00	141.98 3.60 0.00	141.15 3.84 0.00	152.22 4.72 0.00	168.54 6.79 0.00	192.18 9.50 0.00	186.71 9.40 0.00	174.17 7.50 0.00	168.06 6.77 0.00	159.28 5.09 0.00	153.01 4.46 0.00	152.61 4.73 0.00
COLDSPRG_115KV_BK1 355956	154.31 -7.95 0.00	148.29 -7.64 0.00	146.56 -6.91 0.00	144.49 -7.44 0.00	149.12 -7.03 0.00	155.94 -6.33 0.00	173.34 -7.48 -2.76	174.82 -10.38 -3.06	167.82 -9.97 -2.91	170.67 -4.56 7.10	147.00 -9.72 0.00	134.83 -8.91 0.00	135.32 -8.79 0.00	129.38 -8.99 0.00	128.79 -8.51 0.00	138.80 -8.70 0.00	151.23 -10.51 0.00	171.06 -11.87 -0.25	167.16 -10.82 -0.66	156.11 -10.50 0.06	150.61 -10.65 0.04	143.39 -10.79 0.01	138.01 -10.55 0.00	141.67 -6.21 0.00
COLONIE_LFGE___ 323577	170.69 8.43 0.00	163.72 7.79 0.00	160.83 7.37 0.00	159.53 7.59 0.00	164.10 7.96 0.00	171.19 8.92 0.00	240.31 10.14 -52.10	277.24 10.01 -85.09	239.56 9.79 -54.89	191.99 9.66 0.00	164.55 7.83 0.00	150.78 7.04 0.00	150.89 6.77 0.00	145.16 6.78 0.00	143.90 6.59 0.00	154.58 7.08 0.00	170.47 8.73 0.00	198.36 10.22 -5.46	200.60 9.92 -13.37	175.66 8.99 0.00	169.83 8.54 0.00	162.05 7.86 0.00	156.13 7.57 0.00	155.12 7.24 0.00
COOPERNY_115KV_TB1 80082	167.94 5.68 0.00	161.54 5.61 0.00	159.14 5.68 0.00	157.25 5.32 0.00	161.76 5.62 0.00	168.44 6.17 0.00	196.39 7.48 -10.85	204.40 7.83 -14.43	194.36 8.04 -11.43	190.90 8.57 0.00	162.99 6.27 0.00	149.49 5.75 0.00	149.74 5.62 0.00	143.78 5.40 0.00	142.80 5.49 0.00	153.40 5.90 0.00	168.54 6.79 0.00	191.67 7.86 -1.14	187.54 7.45 -2.78	173.33 6.67 0.00	167.90 6.61 0.00	160.51 6.32 0.00	154.35 5.79 0.00	153.35 5.47 0.00
COPENHAGEN_WT_PWR 323753	164.22 1.95 0.00	158.11 2.18 0.00	155.61 2.15 0.00	154.06 2.13 0.00	158.49 2.35 0.00	165.84 3.57 0.00	183.04 4.98 0.00	187.79 5.65 0.00	179.08 4.19 0.00	185.98 3.65 0.00	159.38 2.66 0.00	145.60 1.86 0.00	146.41 2.30 0.00	140.46 2.08 0.00	139.50 2.19 0.00	150.29 2.80 0.00	166.11 4.37 0.00	189.07 6.39 0.00	183.68 6.37 0.00	171.50 4.84 0.00	165.65 4.36 0.00	157.11 2.92 0.00	151.23 2.68 0.00	150.68 2.80 0.00
CORNELL_____ 23752	163.88 1.62 0.00	157.65 1.72 0.00	155.31 1.84 0.00	153.76 1.82 0.00	158.33 2.19 0.00	165.36 3.08 0.00	185.97 4.27 -3.63	191.33 4.19 -5.00	182.38 3.67 -3.82	191.09 3.65 -5.11	158.60 1.88 0.00	145.32 1.58 0.00	145.70 1.59 0.00	139.62 1.25 0.00	138.82 1.51 0.00	149.56 2.06 0.00	164.66 2.91 0.00	187.21 4.02 -0.52	182.32 3.90 -1.11	170.06 3.17 -0.23	164.50 3.06 -0.15	156.70 2.47 -0.04	150.34 1.78 0.00	150.39 2.51 0.00

CORONA V_69_KV_TB1 355595	322.42 14.60 -145.56	273.77 14.19 -103.65	190.96 14.12 -23.38	190.23 13.67 -24.62	192.14 14.05 -21.94	266.96 14.93 -89.76	374.45 17.98 -178.40	401.48 18.94 -200.40	318.17 19.06 -124.22	304.28 19.51 -102.43	319.16 15.20 -147.24	290.87 14.09 -133.05	288.03 13.84 -130.08	289.79 13.42 -137.99	290.78 13.59 -139.88	289.48 14.45 -127.52	326.93 16.01 -149.17	347.19 18.45 -146.06	313.27 17.55 -118.41	327.33 16.33 -144.33	312.42 15.48 -135.64	310.83 14.80 -141.83	283.68 14.56 -120.56	271.28 14.20 -109.20
CORTLAND_115KV_TB3 80093	162.75 0.49 0.00	156.71 0.78 0.00	154.23 0.77 0.00	152.70 0.76 0.00	157.24 1.09 0.00	164.06 1.78 0.00	183.50 2.67 -2.76	187.58 2.37 -3.07	179.90 2.10 -2.91	184.71 2.37 0.00	157.66 0.94 0.00	144.46 0.72 0.00	144.84 0.72 0.00	138.93 0.55 0.00	137.99 0.69 0.00	148.53 1.03 0.00	163.20 1.46 0.00	185.20 2.19 -0.33	180.20 2.13 -0.76	168.23 1.50 -0.06	162.78 1.45 -0.04	155.28 1.08 -0.01	149.15 0.59 0.00	149.21 1.33 0.00
COXSACKIE__GT 23611	176.70 14.44 0.00	169.49 13.56 0.00	166.66 13.20 0.00	165.00 13.07 0.00	169.57 13.43 0.00	176.88 14.61 0.00	222.31 15.67 -28.57	241.30 15.67 -43.50	220.03 15.04 -30.10	197.46 15.13 0.00	168.48 11.76 0.00	154.10 10.36 0.00	154.20 10.08 0.00	147.65 9.27 0.00	146.37 9.06 0.00	157.67 10.17 0.00	174.69 12.94 0.00	200.10 14.43 -2.99	198.64 14.00 -7.33	180.49 13.83 0.00	174.52 13.23 0.00	166.06 11.87 0.00	160.88 12.32 0.00	159.56 11.68 0.00
CPV_VALLEY__CC1 323721	168.76 6.50 0.00	162.33 6.40 0.00	159.91 6.44 0.00	158.02 6.08 0.00	162.23 6.08 0.00	169.24 6.97 0.00	198.77 8.37 -12.33	207.60 9.10 -16.36	197.32 9.44 -12.99	191.99 9.66 0.00	164.09 7.37 0.00	150.50 6.76 0.00	150.61 6.49 0.00	144.61 6.23 0.00	143.62 6.32 0.00	154.29 6.79 0.00	169.35 7.60 0.00	192.74 8.77 -1.29	188.98 8.51 -3.16	174.34 7.67 0.00	168.87 7.58 0.00	161.44 7.25 0.00	155.25 6.69 0.00	154.09 6.21 0.00
CPV_VALLEY__CC2 323722	168.76 6.50 0.00	162.33 6.40 0.00	159.91 6.44 0.00	158.02 6.08 0.00	162.23 6.08 0.00	169.24 6.97 0.00	198.77 8.37 -12.33	207.60 9.10 -16.36	197.32 9.44 -12.99	191.99 9.66 0.00	164.09 7.37 0.00	150.50 6.76 0.00	150.61 6.49 0.00	144.61 6.23 0.00	143.62 6.32 0.00	154.29 6.79 0.00	169.35 7.60 0.00	192.74 8.77 -1.29	188.98 8.51 -3.16	174.34 7.67 0.00	168.87 7.58 0.00	161.44 7.25 0.00	155.25 6.69 0.00	154.09 6.21 0.00
CRESCENT__HYD 24018	170.69 8.43 0.00	163.72 7.79 0.00	160.83 7.37 0.00	159.53 7.59 0.00	164.10 7.96 0.00	171.19 8.92 0.00	240.31 10.14 -52.10	277.24 10.01 -85.09	239.56 9.79 -54.89	191.99 9.66 0.00	164.55 7.83 0.00	150.78 7.04 0.00	150.89 6.77 0.00	145.16 6.78 0.00	143.90 6.59 0.00	154.58 7.08 0.00	170.47 8.73 0.00	198.36 10.22 -5.46	200.60 9.92 -13.37	175.66 8.99 0.00	169.83 8.54 0.00	162.05 7.86 0.00	156.13 7.57 0.00	155.12 7.24 0.00
CRICKET__VALLEY_CC1 323756	171.02 8.76 0.00	164.34 8.41 0.00	161.90 8.43 0.00	160.14 8.20 0.00	164.57 8.43 0.00	171.84 9.57 0.00	204.85 11.04 -15.74	214.71 11.30 -21.27	202.83 11.36 -16.58	193.83 11.49 0.00	165.65 8.93 0.00	152.07 8.33 0.00	152.18 8.07 0.00	146.26 7.88 0.00	145.13 7.82 0.00	155.90 8.40 0.00	171.45 9.70 0.00	195.65 11.33 -1.65	192.35 11.00 -4.04	176.50 9.83 0.00	170.80 9.51 0.00	163.13 8.94 0.00	157.02 8.46 0.00	155.86 7.98 0.00
CRICKET__VALLEY_CC2 323757	171.02 8.76 0.00	164.34 8.41 0.00	161.90 8.43 0.00	160.14 8.20 0.00	164.57 8.43 0.00	171.84 9.57 0.00	204.85 11.04 -15.74	214.71 11.30 -21.27	202.83 11.36 -16.58	193.83 11.49 0.00	165.65 8.93 0.00	152.07 8.33 0.00	152.18 8.07 0.00	146.26 7.88 0.00	145.13 7.82 0.00	155.90 8.40 0.00	171.45 9.70 0.00	195.65 11.33 -1.65	192.35 11.00 -4.04	176.50 9.83 0.00	170.80 9.51 0.00	163.13 8.94 0.00	157.02 8.46 0.00	155.86 7.98 0.00
CRICKET__VALLEY_CC3 323758	171.02 8.76 0.00	164.34 8.41 0.00	161.90 8.43 0.00	160.14 8.20 0.00	164.57 8.43 0.00	171.84 9.57 0.00	204.85 11.04 -15.74	214.71 11.30 -21.27	202.83 11.36 -16.58	193.83 11.49 0.00	165.65 8.93 0.00	152.07 8.33 0.00	152.18 8.07 0.00	146.26 7.88 0.00	145.13 7.82 0.00	155.90 8.40 0.00	171.45 9.70 0.00	195.65 11.33 -1.65	192.35 11.00 -4.04	176.50 9.83 0.00	170.80 9.51 0.00	163.13 8.94 0.00	157.02 8.46 0.00	155.86 7.98 0.00
CRUCIBLE_METL_DRP 24180	159.99 -2.27 0.00	153.90 -2.03 0.00	151.47 -2.00 0.00	149.96 -1.98 0.00	154.27 -1.87 0.00	160.97 -1.30 0.00	177.17 -0.89 0.00	180.86 -1.27 0.00	173.66 -1.22 0.00	180.69 -1.64 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	142.24 -1.87 0.00	136.44 -1.94 0.00	135.52 -1.78 0.00	145.73 -1.77 0.00	159.96 -1.78 0.00	181.03 -1.64 0.00	175.71 -1.60 0.00	164.83 -1.83 0.00	159.52 -1.77 0.00	152.34 -1.85 0.00	146.48 -2.08 0.00	146.25 -1.63 0.00
DAHOWA__HYDRO 323763	173.95 11.69 0.00	167.00 11.07 0.00	163.75 10.28 0.00	162.41 10.48 0.00	167.07 10.93 0.00	174.28 12.01 0.00	251.84 14.25 -59.52	294.99 14.58 -98.27	251.59 14.00 -62.70	196.02 13.68 0.00	167.53 10.81 0.00	153.22 9.48 0.00	153.05 8.94 0.00	147.10 8.72 0.00	145.96 8.66 0.00	157.38 9.88 0.00	174.20 12.46 0.00	203.70 14.79 -6.23	207.12 14.54 -15.27	179.83 13.16 0.00	173.71 12.42 0.00	165.60 11.41 0.00	159.26 10.70 0.00	158.07 10.20 0.00
DANC__LFGE 323619	161.62 -0.65 0.00	155.62 -0.31 0.00	153.31 -0.15 0.00	151.63 -0.30 0.00	155.83 -0.31 0.00	163.09 0.82 0.00	179.66 1.60 0.00	184.14 2.01 0.00	175.94 1.06 0.00	182.88 0.55 0.00	156.72 0.00 0.00	143.31 -0.43 0.00	143.83 -0.29 0.00	137.96 -0.41 0.00	137.03 -0.27 0.00	147.50 0.00 0.00	162.72 0.98 0.00	184.88 2.20 0.00	179.61 2.30 0.00	167.84 1.17 0.00	162.26 0.97 0.00	154.19 0.00 0.00	148.41 -0.15 0.00	147.88 0.00 0.00
DANSKAMMER__1 23586	173.13 10.87 0.00	166.54 10.61 0.00	164.05 10.58 0.00	162.12 10.18 0.00	166.29 10.14 0.00	173.79 11.52 0.00	205.99 13.53 -14.40	215.92 14.58 -19.20	204.75 14.69 -15.17	197.29 14.95 0.00	168.48 11.76 0.00	154.53 10.79 0.00	154.63 10.51 0.00	148.35 9.97 0.00	147.32 10.02 0.00	158.41 10.91 0.00	174.20 12.46 0.00	198.61 14.43 -1.51	195.01 14.00 -3.69	179.50 12.83 0.00	173.71 12.42 0.00	165.90 11.71 0.00	159.55 10.99 0.00	158.23 10.35 0.00
DANSKAMMER__2 23589	173.13 10.87 0.00	166.54 10.61 0.00	164.05 10.58 0.00	162.12 10.18 0.00	166.29 10.14 0.00	173.79 11.52 0.00	205.99 13.53 -14.40	215.92 14.58 -19.20	204.75 14.69 -15.17	197.29 14.95 0.00	168.48 11.76 0.00	154.53 10.79 0.00	154.63 10.51 0.00	148.35 9.97 0.00	147.32 10.02 0.00	158.41 10.91 0.00	174.20 12.46 0.00	198.61 14.43 -1.51	195.01 14.00 -3.69	179.50 12.83 0.00	173.71 12.42 0.00	165.90 11.71 0.00	159.55 10.99 0.00	158.23 10.35 0.00
DANSKAMMER__3 23590	173.13 10.87 0.00	166.54 10.61 0.00	164.05 10.58 0.00	162.12 10.18 0.00	166.29 10.14 0.00	173.79 11.52 0.00	205.99 13.53 -14.40	215.92 14.58 -19.20	204.75 14.69 -15.17	197.29 14.95 0.00	168.48 11.76 0.00	154.53 10.79 0.00	154.63 10.51 0.00	148.35 9.97 0.00	147.32 10.02 0.00	158.41 10.91 0.00	174.20 12.46 0.00	198.61 14.43 -1.51	195.01 14.00 -3.69	179.50 12.83 0.00	173.71 12.42 0.00	165.90 11.71 0.00	159.55 10.99 0.00	158.23 10.35 0.00

DANSKAMMER___4 23591	173.13 10.87 0.00	166.54 10.61 0.00	164.05 10.58 0.00	162.12 10.18 0.00	166.29 10.14 0.00	173.79 11.52 0.00	205.99 13.53 -14.40	215.92 14.58 -19.20	204.75 14.69 -15.17	197.29 14.95 0.00	168.48 11.76 0.00	154.53 10.79 0.00	154.63 10.51 0.00	148.35 9.97 0.00	147.32 10.02 0.00	158.41 10.91 0.00	174.20 12.46 0.00	198.61 14.43 -1.51	195.01 14.00 -3.69	179.50 12.83 0.00	173.71 12.42 0.00	165.90 11.71 0.00	159.55 10.99 0.00	158.23 10.35 0.00
DANSKAMMER___DIESEL 23592	173.13 10.87 0.00	166.38 10.45 0.00	164.05 10.59 0.00	162.12 10.18 0.00	166.60 10.46 0.00	173.63 11.36 0.00	205.99 13.53 -14.40	215.73 14.39 -19.20	204.74 14.69 -15.17	197.47 15.13 0.00	168.47 11.75 0.00	154.52 10.78 0.00	154.64 10.52 0.00	148.34 9.96 0.00	147.47 10.16 0.00	158.41 10.91 0.00	174.36 12.62 0.00	198.80 14.61 -1.51	195.01 14.01 -3.69	179.50 12.83 0.00	173.71 12.42 0.00	165.91 11.72 0.00	159.55 10.99 0.00	158.23 10.35 0.00
DARBY___SOLAR 323810	173.13 10.87 0.00	166.22 10.29 0.00	162.98 9.52 0.00	161.67 9.73 0.00	166.29 10.14 0.00	173.46 11.19 0.00	249.85 13.18 -58.61	292.26 13.48 -96.64	249.57 12.94 -61.74	194.91 12.57 0.00	166.76 10.04 0.00	152.51 8.77 0.00	152.33 8.21 0.00	146.40 8.02 0.00	145.40 8.10 0.00	156.65 9.15 0.00	173.23 11.49 0.00	202.52 13.71 -6.14	205.81 13.47 -15.04	178.83 12.16 0.00	172.74 11.45 0.00	164.68 10.49 0.00	158.51 9.95 0.00	157.35 9.47 0.00
DASHVILLE___HYD 23610	171.19 8.92 0.00	164.35 8.42 0.00	162.06 8.59 0.00	160.14 8.20 0.00	164.57 8.43 0.00	171.52 9.25 0.00	204.91 9.62 -17.23	216.06 9.84 -24.09	203.18 10.14 -18.15	194.00 11.67 0.00	165.65 8.93 0.00	151.79 8.05 0.00	152.04 7.93 0.00	145.85 7.47 0.00	144.99 7.69 0.00	155.76 8.26 0.00	171.29 9.54 0.00	194.35 9.86 -1.80	191.31 9.57 -4.42	176.50 9.83 0.00	170.81 9.52 0.00	163.13 8.94 0.00	157.02 8.47 0.00	155.72 7.84 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	190.16 18.82 -9.07	180.48 18.09 -6.46	173.10 18.11 -1.53	172.38 18.84 -1.61	176.62 19.05 -1.43	188.80 20.93 -5.59	227.66 25.11 -24.49	239.71 27.32 -30.25	223.30 26.58 -21.83	214.79 26.07 -6.38	185.03 19.12 -9.19	170.64 18.26 -8.64	170.08 17.58 -8.39	163.23 15.78 -9.08	164.11 17.58 -9.23	174.04 18.44 -8.11	192.88 21.84 -9.30	220.41 27.22 -10.52	214.37 26.24 -10.82	200.01 24.33 -9.01	192.66 22.90 -8.47	185.25 22.20 -8.85	175.98 19.91 -7.51	173.76 19.08 -6.80
DELAWARE___LFGE 323621	167.45 5.19 0.00	161.23 5.30 0.00	158.84 5.37 0.00	157.10 5.17 0.00	161.61 5.46 0.00	168.60 6.33 0.00	198.24 7.83 -12.34	208.27 7.83 -18.30	195.41 7.52 -13.00	190.54 8.21 0.00	162.68 5.96 0.00	149.06 5.32 0.00	149.30 5.19 0.00	143.50 5.12 0.00	142.25 4.94 0.00	152.96 5.46 0.00	168.38 6.63 0.00	191.64 7.67 -1.29	187.75 7.27 -3.17	173.17 6.50 0.00	167.58 6.29 0.00	160.05 5.86 0.00	153.90 5.35 0.00	153.35 5.47 0.00
DERFIELD_115KV_TB7 355931	163.07 0.81 0.00	156.87 0.94 0.00	154.39 0.92 0.00	152.85 0.91 0.00	157.08 0.94 0.00	163.57 1.30 0.00	179.67 1.60 0.00	183.78 1.64 0.00	176.46 1.57 0.00	183.98 1.64 0.00	157.97 1.25 0.00	144.89 1.15 0.00	145.27 1.15 0.00	139.49 1.11 0.00	138.40 1.10 0.00	148.53 1.03 0.00	163.20 1.46 0.00	184.32 1.64 0.00	178.91 1.60 0.00	168.00 1.33 0.00	162.58 1.29 0.00	155.27 1.08 0.00	149.75 1.19 0.00	149.06 1.18 0.00
DOGLEVILLE___HYD 23807	167.94 5.68 0.00	161.70 5.77 0.00	159.29 5.83 0.00	157.71 5.77 0.00	162.23 6.08 0.00	169.09 6.81 0.00	185.72 7.65 0.00	189.79 7.65 0.00	182.06 7.17 0.00	189.99 7.66 0.00	163.00 6.28 0.00	149.64 5.90 0.00	149.89 5.77 0.00	143.77 5.39 0.00	142.65 5.12 0.00	153.24 5.46 0.00	168.05 6.30 0.00	189.99 7.31 0.00	184.05 6.74 0.00	172.66 5.99 0.00	166.93 5.64 0.00	159.27 5.08 0.00	153.61 5.05 0.00	152.91 5.03 0.00
DUNKIRK___115KV_TB_200 55889	150.25 -12.01 0.00	144.55 -11.38 0.00	142.88 -10.59 0.00	141.00 -10.94 0.00	145.37 -10.77 0.00	152.05 -10.22 0.00	168.14 -12.46 -2.54	169.30 -15.66 -2.83	162.53 -15.04 -2.68	154.26 -13.68 14.40	142.46 -14.26 0.00	130.80 -12.94 0.00	131.29 -12.83 0.00	125.65 -12.73 0.00	125.09 -12.22 0.00	134.81 -12.68 0.00	146.54 -15.20 0.00	165.38 -17.54 -0.24	161.08 -16.84 -0.61	150.28 -16.33 0.05	145.61 -15.65 0.03	139.22 -14.96 0.01	134.15 -14.41 0.00	138.12 -9.76 0.00
DUNKIRK___1 23563	150.25 -12.01 0.00	144.55 -11.38 0.00	142.88 -10.59 0.00	141.00 -10.94 0.00	145.37 -10.77 0.00	152.05 -10.22 0.00	168.14 -12.46 -2.54	169.30 -15.66 -2.83	162.53 -15.04 -2.68	154.26 -13.68 14.40	142.46 -14.26 0.00	130.80 -12.94 0.00	131.29 -12.83 0.00	125.65 -12.73 0.00	125.09 -12.22 0.00	134.81 -12.68 0.00	146.54 -15.20 0.00	165.38 -17.54 -0.24	161.08 -16.84 -0.61	150.28 -16.33 0.05	145.61 -15.65 0.03	139.22 -14.96 0.01	134.15 -14.41 0.00	138.12 -9.76 0.00
DUNKIRK___2 23564	150.25 -12.01 0.00	144.55 -11.38 0.00	142.88 -10.59 0.00	141.00 -10.94 0.00	145.37 -10.77 0.00	152.05 -10.22 0.00	168.14 -12.46 -2.54	169.30 -15.66 -2.83	162.53 -15.04 -2.68	154.26 -13.68 14.40	142.46 -14.26 0.00	130.80 -12.94 0.00	131.29 -12.83 0.00	125.65 -12.73 0.00	125.09 -12.22 0.00	134.81 -12.68 0.00	146.54 -15.20 0.00	165.38 -17.54 -0.24	161.08 -16.84 -0.61	150.28 -16.33 0.05	145.61 -15.65 0.03	139.22 -14.96 0.01	134.15 -14.41 0.00	138.12 -9.76 0.00
DUNKIRK___3 23565	149.77 -12.49 0.00	144.08 -11.85 0.00	142.41 -11.05 0.00	140.54 -11.40 0.00	144.90 -11.24 0.00	151.40 -10.87 0.00	167.40 -13.18 -2.51	168.53 -16.39 -2.79	161.62 -15.91 -2.64	152.12 -14.40 15.81	141.83 -14.89 0.00	130.08 -13.66 0.00	130.57 -13.55 0.00	124.96 -13.42 0.00	124.40 -12.91 0.00	134.08 -13.42 0.00	145.73 -16.01 0.00	164.46 -18.45 -0.23	160.18 -17.73 -0.61	149.45 -17.17 0.05	144.81 -16.45 0.03	138.45 -15.73 0.01	133.55 -15.00 0.00	137.38 -10.50 0.00
DUNKIRK___4 23566	149.77 -12.49 0.00	144.08 -11.85 0.00	142.41 -11.05 0.00	140.54 -11.40 0.00	144.90 -11.24 0.00	151.40 -10.87 0.00	167.40 -13.18 -2.51	168.53 -16.39 -2.79	161.62 -15.91 -2.64	152.12 -14.40 15.81	141.83 -14.89 0.00	130.08 -13.66 0.00	130.57 -13.55 0.00	124.96 -13.42 0.00	124.40 -12.91 0.00	134.08 -13.42 0.00	145.73 -16.01 0.00	164.46 -18.45 -0.23	160.18 -17.73 -0.61	149.45 -17.17 0.05	144.81 -16.45 0.03	138.45 -15.73 0.01	133.55 -15.00 0.00	137.38 -10.50 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	172.65 10.38 0.00	166.07 10.14 0.00	163.59 10.13 0.00	161.66 9.72 0.00	166.14 9.99 0.00	173.14 10.87 0.00	205.48 13.18 -14.24	215.27 14.21 -18.92	204.58 14.69 -15.00	197.65 15.32 0.00	168.79 12.07 0.00	154.95 11.21 0.00	154.92 10.81 0.00	148.76 10.38 0.00	148.02 10.71 0.00	158.85 11.36 0.00	174.36 12.62 0.00	198.78 14.61 -1.49	195.15 14.18 -3.65	179.50 12.83 0.00	173.71 12.42 0.00	166.06 11.87 0.00	159.55 10.99 0.00	158.23 10.35 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	171.51 9.25 0.00	164.97 9.04 0.00	162.52 9.05 0.00	160.60 8.66 0.00	165.04 8.90 0.00	172.01 9.74 0.00	203.59 11.57 -13.95	213.13 12.39 -18.61	202.18 12.59 -14.70	195.46 13.13 0.00	166.75 10.03 0.00	152.94 9.20 0.00	153.05 8.94 0.00	146.82 8.44 0.00	145.96 8.65 0.00	156.79 9.29 0.00	172.42 10.68 0.00	196.56 12.42 -1.46	192.77 11.88 -3.58	177.50 10.83 0.00	171.77 10.48 0.00	164.21 10.02 0.00	157.92 9.36 0.00	156.60 8.72 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	173.47 11.20 -0.01	167.32 11.38 -0.01	164.98 11.51 -0.01	163.04 11.09 -0.01	167.39 11.24 -0.01	173.96 11.68 0.00	205.13 12.82 -14.24	215.09 14.02 -18.92	205.11 15.22 -15.00	198.39 16.05 -0.01	169.44 12.69 -0.02	155.91 11.79 -0.38	155.95 11.53 -0.31	149.97 11.07 -0.52	149.11 11.26 -0.55	159.62 11.95 -0.18	175.01 13.26 -0.01	199.51 15.34 -1.49	195.86 14.89 -3.65	180.33 13.67 0.00	174.52 13.23 -0.01	166.84 12.64 -0.01	160.30 11.74 -0.01	159.13 11.24 -0.01
E179THST_13_KV_LOAD 356214	174.28 12.01 -0.01	168.10 12.16 -0.01	165.60 12.12 -0.01	163.64 11.70 -0.01	168.17 12.02 -0.01	174.77 12.49 0.00	206.02 13.71 -14.24	216.00 14.94 -18.92	206.16 16.26 -15.00	199.48 17.14 -0.01	170.38 13.63 -0.02	156.77 12.65 -0.38	156.82 12.39 -0.31	150.66 11.76 -0.52	149.94 12.08 -0.55	160.51 12.83 -0.18	175.99 14.23 -0.01	200.61 16.44 -1.49	196.92 15.96 -3.65	181.33 14.67 0.00	175.33 14.03 -0.01	167.61 13.41 -0.01	161.19 12.63 -0.01	159.87 11.98 -0.01
EAST HAMPTON___GT 23717	192.42 21.08 -9.07	182.65 20.26 -6.46	175.09 20.10 -1.53	174.20 20.66 -1.61	178.02 20.45 -1.43	190.90 23.03 -5.59	229.97 27.41 -24.49	242.09 29.70 -30.26	225.56 28.85 -21.83	216.98 28.26 -6.38	186.44 20.53 -9.19	172.23 19.84 -8.64	171.53 19.02 -8.39	164.61 17.16 -9.08	164.80 18.26 -9.23	175.51 19.90 -8.11	192.87 21.83 -9.30	222.61 29.42 -10.52	216.85 28.72 -10.82	202.18 26.50 -9.01	194.44 24.68 -8.47	186.03 22.98 -8.86	177.47 21.40 -7.51	175.54 20.86 -6.81
EAST RIVER___6 23660	172.97 10.71 0.00	166.38 10.45 0.00	163.91 10.44 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.83 13.53 -14.24	216.17 15.11 -18.92	205.80 15.91 -15.00	198.94 16.59 -0.01	170.46 13.31 -0.42	166.72 12.36 -10.62	164.54 11.95 -8.47	164.24 11.48 -14.38	164.19 11.54 -15.35	164.73 12.39 -4.84	175.33 13.59 0.00	200.05 15.88 -1.49	196.21 15.25 -3.65	180.49 13.83 0.00	174.52 13.23 0.00	166.98 12.79 0.00	160.45 11.89 0.00	158.98 11.10 0.00
EAST RIVER___7 23524	172.97 10.71 0.00	166.38 10.45 0.00	163.91 10.44 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.83 13.53 -14.24	216.17 15.11 -18.92	205.80 15.91 -15.00	198.94 16.59 -0.01	170.46 13.31 -0.42	166.72 12.36 -10.62	164.54 11.95 -8.47	164.24 11.48 -14.38	164.19 11.54 -15.35	164.73 12.39 -4.84	175.33 13.59 0.00	200.05 15.88 -1.49	196.21 15.25 -3.65	180.49 13.83 0.00	174.52 13.23 0.00	166.98 12.79 0.00	160.45 11.89 0.00	158.98 11.10 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	172.16 9.90 0.00	165.60 9.67 0.00	163.29 9.82 0.00	161.36 9.42 0.00	165.82 9.68 0.00	172.66 10.39 0.00	204.92 12.64 -14.21	214.68 13.66 -18.89	203.85 13.99 -14.97	197.10 14.77 0.00	168.17 11.44 -0.01	154.70 10.64 -0.32	154.75 10.38 -0.26	148.64 9.82 -0.44	147.93 10.16 -0.46	158.41 10.77 -0.15	173.87 12.13 0.00	198.23 14.07 -1.49	194.43 13.48 -3.65	178.83 12.17 0.00	173.06 11.77 0.00	165.45 11.26 0.00	158.96 10.40 0.00	157.79 9.91 0.00
EAST_HAMPTON___DIESEL 23722	192.42 21.08 -9.07	182.65 20.26 -6.46	175.09 20.10 -1.53	174.20 20.66 -1.61	178.02 20.45 -1.43	190.90 23.03 -5.59	229.97 27.41 -24.49	241.90 29.50 -30.26	225.56 28.85 -21.83	216.98 28.26 -6.38	186.44 20.53 -9.19	172.23 19.84 -8.64	171.38 18.87 -8.39	164.47 17.02 -9.08	164.80 18.26 -9.23	175.51 19.90 -8.11	192.87 21.83 -9.30	222.61 29.42 -10.52	216.85 28.72 -10.82	202.18 26.50 -9.01	194.44 24.68 -8.47	186.03 22.98 -8.86	177.47 21.40 -7.51	175.54 20.86 -6.81
EAST_POINT___SOLAR 323840	176.70 14.44 0.00	169.97 14.04 0.00	166.19 12.73 0.00	165.00 13.07 0.00	169.72 13.58 0.00	177.52 15.25 0.00	256.34 19.06 -59.21	300.04 19.68 -98.23	254.75 17.49 -62.38	197.10 14.76 0.00	166.60 9.88 0.00	150.06 6.32 0.00	149.16 5.04 0.00	143.77 5.39 0.00	143.07 5.77 0.00	158.70 11.20 0.00	176.61 14.87 0.00	207.32 18.44 -6.20	210.77 18.27 -15.19	183.49 16.83 0.00	177.26 15.97 0.00	168.99 14.80 0.00	162.22 13.66 0.00	160.90 13.02 0.00
EAST_PULASKI___ESR 323781	159.50 -2.76 0.00	153.43 -2.50 0.00	151.17 -2.30 0.00	149.35 -2.58 0.00	153.64 -2.50 0.00	160.49 -1.78 0.00	176.83 -1.24 0.00	180.87 -1.27 0.00	173.14 -1.75 0.00	180.15 -2.18 0.00	154.53 -2.19 0.00	141.43 -2.31 0.00	141.37 -2.74 0.00	135.61 -2.77 0.00	134.56 -2.75 0.00	144.85 -2.65 0.00	159.32 -2.42 0.00	180.67 -2.01 0.00	175.36 -1.95 0.00	164.33 -2.33 0.00	158.88 -2.41 0.00	151.42 -2.77 0.00	145.59 -2.97 0.00	145.22 -2.66 0.00
EAST_RIVER___1 323558	173.13 10.87 0.00	166.68 10.75 0.00	164.20 10.74 0.00	162.12 10.18 0.00	166.29 10.14 0.00	173.63 11.36 0.00	206.02 13.71 -14.24	216.17 15.11 -18.92	205.64 15.75 -15.00	198.76 16.42 -0.01	170.31 13.17 -0.42	166.43 12.08 -10.62	164.41 11.82 -8.47	164.11 11.35 -14.38	164.04 11.39 -15.35	164.57 12.24 -4.84	175.16 13.42 0.00	199.88 15.71 -1.49	196.03 15.06 -3.65	180.49 13.83 0.00	174.52 13.23 0.00	166.98 12.79 0.00	160.58 12.03 0.00	159.11 11.23 0.00
EAST_RIVER___2 323559	172.97 10.71 0.00	166.38 10.45 0.00	163.91 10.44 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.31 11.04 0.00	205.83 13.53 -14.24	216.17 15.11 -18.92	205.80 15.91 -15.00	198.94 16.59 -0.01	170.46 13.31 -0.42	166.72 12.36 -10.62	164.54 11.95 -8.47	164.24 11.48 -14.38	164.19 11.54 -15.35	164.73 12.39 -4.84	175.33 13.59 0.00	200.05 15.88 -1.49	196.21 15.25 -3.65	180.49 13.83 0.00	174.52 13.23 0.00	166.98 12.79 0.00	160.45 11.89 0.00	158.98 11.10 0.00
EAST___DELAWARE_HYD 23607	171.83 9.57 0.00	165.13 9.20 0.00	162.83 9.36 0.00	160.90 8.96 0.00	165.04 8.90 0.00	172.50 10.23 0.00	204.07 12.28 -13.73	213.45 12.75 -18.57	202.11 12.76 -14.46	195.28 12.95 0.00	166.44 9.72 0.00	152.51 8.77 0.00	152.62 8.50 0.00	146.40 8.02 0.00	145.40 8.10 0.00	156.50 9.00 0.00	172.25 10.51 0.00	196.71 12.60 -1.44	193.06 12.23 -3.52	177.66 11.00 0.00	172.10 10.81 0.00	164.21 10.02 0.00	157.92 9.36 0.00	156.60 8.72 0.00
EIGHT_POINT___WT_PWR 323820	155.13 -7.14 0.00	149.23 -6.70 0.00	147.32 -6.14 0.00	145.70 -6.24 0.00	150.37 -5.77 0.00	157.56 -4.71 0.00	176.26 -4.98 -3.18	179.38 -7.11 -4.35	171.06 -7.18 -3.35	224.49 -6.39 -48.54	148.41 -8.31 0.00	135.98 -7.76 0.00	136.33 -7.78 0.00	130.50 -7.88 0.00	129.75 -7.55 0.00	140.57 -6.93 0.00	154.79 -6.95 0.00	175.44 -7.50 -0.26	170.76 -7.28 -0.73	158.72 -7.83 0.12	153.96 -7.26 0.07	146.62 -7.55 0.02	140.99 -7.57 0.00	142.85 -5.03 0.00
ELBRIDGE_115KV_TB2 80188	159.02 -3.25 0.00	152.81 -3.12 0.00	150.55 -2.92 0.00	149.05 -2.89 0.00	153.33 -2.81 0.00	160.00 -2.27 0.00	175.93 -2.14 0.00	179.59 -2.55 0.00	172.26 -2.62 0.00	179.42 -2.92 0.00	153.74 -2.98 0.00	141.01 -2.73 0.00	141.23 -2.88 0.00	135.47 -2.91 0.00	134.56 -2.75 0.00	144.70 -2.80 0.00	158.83 -2.91 0.00	179.75 -2.92 0.00	174.47 -2.84 0.00	163.67 -3.00 0.00	158.39 -2.90 0.00	151.26 -2.93 0.00	145.44 -3.12 0.00	145.37 -2.51 0.00
ELEC_TRO_TEK 24086	242.01 13.31 -66.44	216.34 13.10 -47.31	177.53 13.04 -11.02	176.15 12.61 -11.60	179.44 12.96 -10.34	217.20 13.96 -40.97	283.99 16.74 -89.19	301.76 17.85 -101.77	257.77 18.01 -64.87	247.51 18.42 -46.76	238.36 14.42 -67.22	218.04 13.37 -60.94	216.77 13.11 -59.54	214.10 12.45 -63.26	214.22 12.77 -64.15	219.37 13.57 -58.30	244.88 15.04 -68.09	267.89 17.72 -67.49	250.37 17.02 -56.04	248.22 15.67 -65.89	238.05 14.84 -61.92	233.13 14.19 -64.75	217.26 13.67 -55.03	210.89 13.16 -49.85

ELLENBURG_WT_PWR 323604	162.26 0.00 0.00	155.62 -0.31 0.00	153.01 -0.46 0.00	151.48 -0.45 0.00	155.68 -0.47 0.00	160.16 -2.11 0.00	174.32 -3.75 0.00	179.22 -2.92 0.00	171.56 -3.33 0.00	178.69 -3.65 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	142.96 -1.16 0.00	137.00 -1.38 0.00	135.93 -1.37 0.00	145.88 -1.62 0.00	159.32 -2.42 0.00	179.39 -3.28 0.00	174.29 -3.02 0.00	163.99 -2.67 0.00	158.55 -2.74 0.00	152.18 -2.01 0.00	147.36 -1.19 0.00	147.44 -0.44 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	148.31 -13.95 0.00	142.68 -13.25 0.00	141.03 -12.43 0.00	139.33 -12.61 0.00	143.49 -12.65 0.00	149.94 -12.33 0.00	165.36 -15.14 -2.43	166.08 -18.76 -2.70	159.43 -18.01 -2.56	148.98 -17.50 15.85	139.95 -16.77 0.00	128.36 -15.38 0.00	128.84 -15.28 0.00	123.16 -15.22 0.00	122.61 -14.69 0.00	132.01 -15.49 0.00	143.30 -18.44 0.00	161.71 -21.19 -0.23	157.33 -20.57 -0.59	146.95 -19.67 0.05	142.39 -18.87 0.03	136.45 -17.73 0.01	131.62 -16.94 0.00	135.61 -12.27 0.00
EMPIRE_CC_1 323656	167.78 5.52 0.00	161.07 5.14 0.00	158.52 5.06 0.00	157.10 5.17 0.00	161.45 5.31 0.00	168.44 6.16 0.00	209.30 7.13 -24.10	224.48 6.92 -35.42	206.92 6.64 -25.39	188.89 6.55 0.00	162.83 6.11 0.00	149.50 5.76 0.00	149.59 5.47 0.00	143.92 5.54 0.00	142.52 5.22 0.00	152.96 5.46 0.00	168.38 6.63 0.00	193.05 7.85 -2.52	190.94 7.45 -6.18	173.34 6.67 0.00	167.75 6.46 0.00	160.20 6.01 0.00	154.51 5.95 0.00	153.50 5.62 0.00
EMPIRE_CC_2 323658	167.78 5.52 0.00	161.07 5.14 0.00	158.52 5.06 0.00	157.10 5.17 0.00	161.45 5.31 0.00	168.44 6.16 0.00	209.30 7.13 -24.10	224.48 6.92 -35.42	206.92 6.64 -25.39	188.89 6.55 0.00	162.83 6.11 0.00	149.50 5.76 0.00	149.59 5.47 0.00	143.92 5.54 0.00	142.52 5.22 0.00	152.96 5.46 0.00	168.38 6.63 0.00	193.05 7.85 -2.52	190.94 7.45 -6.18	173.34 6.67 0.00	167.75 6.46 0.00	160.20 6.01 0.00	154.51 5.95 0.00	153.50 5.62 0.00
ENORWICH_115KV_TB1 80156	172.48 10.22 0.00	166.69 10.76 0.00	164.21 10.74 0.00	162.88 10.94 0.00	167.85 11.71 0.00	176.55 14.28 0.00	202.57 17.98 -6.52	209.51 18.03 -9.34	197.50 15.74 -6.87	201.26 16.41 -2.52	168.63 11.91 0.00	154.66 10.92 0.00	155.36 11.24 0.00	148.76 10.38 0.00	147.74 10.44 0.00	159.89 12.39 0.00	177.27 15.53 0.00	203.14 19.73 -0.73	198.55 19.50 -1.73	183.07 16.33 -0.07	176.66 15.32 -0.05	167.77 13.57 -0.01	160.14 11.59 0.00	160.30 12.42 0.00
ERIE_ST__34_KV_TB1-2 80199	149.93 -12.33 0.00	144.08 -11.85 0.00	142.41 -11.05 0.00	140.54 -11.40 0.00	144.90 -11.24 0.00	151.40 -10.87 0.00	167.43 -13.18 -2.54	168.57 -16.39 -2.82	161.65 -15.91 -2.68	159.47 -10.58 12.29	141.83 -14.89 0.00	130.08 -13.66 0.00	130.57 -13.55 0.00	124.82 -13.56 0.00	124.26 -13.04 0.00	133.93 -13.57 0.00	145.57 -16.17 0.00	164.83 -18.08 -0.24	160.91 -17.02 -0.62	150.29 -16.33 0.04	145.29 -15.97 0.03	138.45 -15.73 0.01	133.26 -15.30 0.00	137.08 -10.80 0.00
ERIE_WT_PWR 323693	149.12 -13.14 0.00	143.45 -12.48 0.00	141.79 -11.67 0.00	139.93 -12.01 0.00	144.12 -12.02 0.00	150.59 -11.69 0.00	166.31 -14.25 -2.50	166.88 -18.03 -2.77	160.39 -17.13 -2.63	152.11 -15.13 15.10	140.73 -15.99 0.00	129.23 -14.51 0.00	129.56 -14.55 0.00	123.85 -14.53 0.00	122.89 -14.42 0.00	132.75 -14.75 0.00	144.27 -17.47 0.00	163.00 -19.91 -0.23	158.59 -19.32 -0.60	147.95 -18.66 0.05	143.52 -17.74 0.03	137.06 -17.12 0.01	132.21 -16.34 0.00	136.34 -11.53 0.00
ESPRGFLD_115KV_TB1 80157	169.89 7.63 0.00	163.57 7.64 0.00	160.68 7.21 0.00	159.23 7.29 0.00	163.95 7.81 0.00	171.36 9.09 0.00	233.39 11.57 -43.75	266.01 12.02 -71.85	231.99 11.02 -46.09	193.09 10.76 0.00	164.09 7.37 0.00	149.63 5.89 0.00	149.74 5.62 0.00	143.78 5.40 0.00	142.80 5.49 0.00	154.72 7.23 0.00	170.96 9.22 0.00	198.77 11.51 -4.58	199.70 11.17 -11.22	176.50 9.83 0.00	170.64 9.35 0.00	162.83 8.63 0.00	156.28 7.72 0.00	155.42 7.54 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	163.72 1.46 0.00	157.49 1.56 0.00	155.15 1.69 0.00	153.61 1.67 0.00	158.17 2.03 0.00	165.19 2.92 0.00	185.79 4.10 -3.63	190.96 3.82 -5.00	182.03 3.32 -3.82	189.86 3.28 -4.25	158.44 1.72 0.00	145.18 1.44 0.00	145.56 1.44 0.00	139.49 1.11 0.00	138.68 1.37 0.00	149.42 1.92 0.00	164.49 2.75 0.00	186.82 3.65 -0.49	182.11 3.72 -1.08	169.68 2.83 -0.18	164.15 2.74 -0.12	156.54 2.31 -0.03	150.19 1.63 0.00	150.25 2.37 0.00
ETNA____115KV_TB2 80207	163.72 1.46 0.00	157.49 1.56 0.00	155.15 1.69 0.00	153.61 1.67 0.00	158.17 2.03 0.00	165.19 2.92 0.00	185.79 4.10 -3.63	190.96 3.82 -5.00	182.03 3.32 -3.82	189.86 3.28 -4.25	158.44 1.72 0.00	145.18 1.44 0.00	145.56 1.44 0.00	139.49 1.11 0.00	138.68 1.37 0.00	149.42 1.92 0.00	164.49 2.75 0.00	186.82 3.65 -0.49	182.11 3.72 -1.08	169.68 2.83 -0.18	164.15 2.74 -0.12	156.54 2.31 -0.03	150.19 1.63 0.00	150.25 2.37 0.00
EUCLID____115KV_TB2 356179	158.04 -4.22 0.00	152.03 -3.90 0.00	149.63 -3.84 0.00	148.14 -3.80 0.00	152.39 -3.75 0.00	159.03 -3.25 0.00	174.86 -3.21 0.00	178.49 -3.64 0.00	171.39 -3.50 0.00	178.32 -4.01 0.00	153.12 -3.60 0.00	140.29 -3.45 0.00	140.51 -3.60 0.00	134.92 -3.46 0.00	133.87 -3.43 0.00	143.96 -3.54 0.00	158.02 -3.72 0.00	178.66 -4.02 0.00	173.41 -3.90 0.00	162.67 -4.00 0.00	157.42 -3.87 0.00	150.34 -3.85 0.00	144.69 -3.86 0.00	144.48 -3.40 0.00
E_CANADA_CAP_HY 24051	172.80 10.54 0.00	166.22 10.29 0.00	162.83 9.36 0.00	161.51 9.58 0.00	166.14 10.00 0.00	173.79 11.52 0.00	248.03 14.60 -55.36	288.91 15.11 -91.66	246.86 13.65 -58.32	194.55 12.22 0.00	165.18 8.46 0.00	150.21 6.47 0.00	149.89 5.77 0.00	144.05 5.68 0.00	143.21 5.90 0.00	155.90 8.40 0.00	172.58 10.84 0.00	201.99 13.52 -5.80	204.98 13.47 -14.20	178.83 12.16 0.00	172.74 11.45 0.00	164.98 10.79 0.00	158.80 10.24 0.00	157.64 9.76 0.00
E_CANADA_MHWK_HY 24050	167.94 5.68 0.00	161.70 5.77 0.00	159.29 5.83 0.00	157.71 5.77 0.00	162.23 6.08 0.00	169.09 6.81 0.00	185.72 7.65 0.00	189.79 7.65 0.00	182.06 7.17 0.00	189.99 7.66 0.00	163.00 6.28 0.00	149.64 5.90 0.00	149.89 5.77 0.00	143.77 5.39 0.00	142.65 5.35 0.00	153.24 5.75 0.00	168.05 6.30 0.00	189.99 7.31 0.00	184.05 6.74 0.00	172.66 5.99 0.00	166.93 5.64 0.00	159.27 5.08 0.00	153.61 5.05 0.00	152.91 5.03 0.00
E_FISHKILL____LBMP 23776	171.19 8.92 0.00	164.66 8.73 0.00	162.21 8.75 0.00	160.29 8.36 0.00	164.89 8.74 0.00	171.68 9.41 0.00	203.80 11.22 -14.52	213.44 12.02 -19.28	202.42 12.24 -15.29	194.92 12.58 0.00	166.59 9.87 0.00	152.94 9.20 0.00	153.05 8.94 0.00	146.96 8.58 0.00	146.09 8.79 0.00	156.79 9.29 0.00	172.26 10.51 0.00	196.25 12.06 -1.52	192.74 11.70 -3.72	177.17 10.50 0.00	171.45 10.16 0.00	163.90 9.71 0.00	157.77 9.21 0.00	156.46 8.58 0.00
FALCON____SEABRD_CC1 323796	164.22 1.95 0.00	157.33 1.40 0.00	154.69 1.22 0.00	153.15 1.21 0.00	157.39 1.24 0.00	162.11 -0.16 0.00	175.40 -2.67 0.00	180.32 -1.82 0.00	172.61 -2.28 0.00	179.96 -2.38 0.00	155.94 -0.78 0.00	142.88 -0.86 0.00	143.83 -0.29 0.00	137.83 -0.55 0.00	136.76 -0.55 0.00	146.62 -0.88 0.00	160.29 -1.46 0.00	180.30 -2.38 0.00	175.36 -1.95 0.00	165.00 -1.67 0.00	159.52 -1.77 0.00	153.12 -1.07 0.00	148.26 -0.30 0.00	149.21 1.33 0.00

FALCON___SEABRD_CC2 323797	164.22 1.95 0.00	157.33 1.40 0.00	154.69 1.22 0.00	153.15 1.21 0.00	157.39 1.24 0.00	162.11 -0.16 0.00	175.40 -2.67 0.00	180.32 -1.82 0.00	172.61 -2.28 0.00	179.96 -2.38 0.00	155.94 -0.78 0.00	142.88 -0.86 0.00	143.83 -0.29 0.00	137.83 -0.55 0.00	136.76 -0.55 0.00	146.62 -0.88 0.00	160.29 -1.46 0.00	180.30 -2.38 0.00	175.36 -1.95 0.00	165.00 -1.67 0.00	159.52 -1.77 0.00	153.12 -1.07 0.00	148.26 -0.30 0.00	149.21 1.33 0.00
FAR ROCKAWAY___4 23548	333.01 16.23 -154.52	281.87 15.90 -110.03	193.91 15.65 -24.79	193.23 15.19 -26.11	195.02 15.61 -23.27	274.28 16.71 -95.29	386.52 19.94 -188.51	414.84 21.13 -211.58	327.00 21.16 -130.95	312.78 21.70 -108.74	329.96 16.93 -156.31	300.63 15.67 -141.22	297.61 15.42 -138.08	299.64 14.81 -146.46	300.74 14.97 -148.46	298.80 15.93 -135.37	337.74 17.63 -158.36	357.19 19.55 -154.97	321.58 18.79 -125.47	337.22 17.33 -153.22	321.58 16.29 -144.00	320.33 15.57 -150.57	292.59 16.04 -127.99	279.48 15.68 -115.93
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	173.13 10.87 0.00	166.69 10.76 0.00	164.21 10.74 0.00	162.27 10.33 0.00	166.60 10.46 0.00	173.47 11.20 0.00	206.02 13.71 -14.24	216.00 14.94 -18.92	205.63 15.74 -15.00	198.76 16.41 -0.01	170.18 13.01 -0.45	167.00 12.07 -11.19	164.86 11.82 -8.92	164.87 11.35 -15.15	165.01 11.53 -16.17	164.84 12.24 -5.10	175.33 13.59 0.00	199.88 15.71 -1.49	196.03 15.07 -3.65	180.50 13.83 0.00	174.52 13.23 0.00	166.99 12.80 0.00	160.44 11.88 0.00	159.27 11.39 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	173.13 10.87 0.00	166.69 10.76 0.00	164.21 10.74 0.00	162.27 10.33 0.00	166.60 10.46 0.00	173.63 11.36 0.00	206.02 13.71 -14.24	216.00 14.94 -18.92	205.63 15.74 -15.00	198.76 16.41 -0.01	170.18 13.01 -0.45	167.00 12.07 -11.19	164.86 11.82 -8.92	164.87 11.35 -15.15	165.01 11.53 -16.17	164.84 12.24 -5.10	175.33 13.59 0.00	199.88 15.71 -1.49	196.21 15.25 -3.65	180.50 13.83 0.00	174.52 13.23 0.00	166.99 12.80 0.00	160.59 12.03 0.00	159.27 11.39 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	173.13 10.87 0.00	166.53 10.60 0.00	164.21 10.74 0.00	162.12 10.18 0.00	166.60 10.46 0.00	173.47 11.20 0.00	205.84 13.53 -14.24	216.00 14.94 -18.92	205.45 15.56 -15.00	198.76 16.41 -0.01	170.18 13.01 -0.45	166.86 11.93 -11.19	164.71 11.67 -8.92	164.74 11.21 -15.15	164.87 11.40 -16.17	164.69 12.09 -5.10	175.33 13.59 0.00	199.70 15.53 0.00	195.86 14.89 -3.65	180.33 13.67 0.00	174.35 13.06 0.00	166.83 12.64 0.00	160.44 11.88 0.00	159.12 11.24 0.00
FARRAGUT___LBMP 323566	172.97 10.71 0.00	166.53 10.60 0.00	164.05 10.59 0.00	161.96 10.03 0.00	166.45 10.31 0.00	173.31 11.03 0.00	205.66 13.35 -14.24	215.81 14.75 -18.92	205.28 15.39 -15.00	198.58 16.23 -0.01	170.02 12.85 -0.45	166.71 11.79 -11.19	164.57 11.53 -8.92	164.60 11.07 -15.15	164.73 11.26 -16.17	164.54 11.95 -5.10	175.17 13.42 0.00	199.51 15.34 -1.49	195.86 14.89 -3.65	180.17 13.50 0.00	174.19 12.90 0.00	166.68 12.49 0.00	160.29 11.74 0.00	158.97 11.09 0.00
FENNER___WINDPWR 24204	164.85 2.59 0.00	158.74 2.81 0.00	156.23 2.77 0.00	154.82 2.88 0.00	159.26 3.12 0.00	166.48 4.21 0.00	183.40 5.34 0.00	187.42 5.29 0.00	179.61 4.72 0.00	187.07 4.73 0.00	160.16 3.44 0.00	146.61 2.87 0.00	147.15 3.03 0.00	141.15 2.77 0.00	140.05 2.74 0.00	150.74 3.24 0.00	165.79 4.05 0.00	187.63 4.93 -0.02	182.30 4.96 -0.03	170.54 3.84 -0.03	165.02 3.71 -0.02	157.28 3.08 -0.01	151.23 2.68 0.00	150.99 3.11 0.00
FIBERTEK___ENERGY 23856	159.99 -2.27 0.00	153.90 -2.03 0.00	151.47 -2.00 0.00	149.96 -1.98 0.00	154.27 -1.87 0.00	160.97 -1.30 0.00	177.17 -0.89 0.00	180.86 -1.27 0.00	173.66 -1.22 0.00	180.69 -1.64 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	142.24 -1.87 0.00	136.44 -1.94 0.00	135.52 -1.78 0.00	145.73 -1.77 0.00	159.96 -1.78 0.00	181.03 -1.64 0.00	175.71 -1.60 0.00	164.83 -1.83 0.00	159.52 -1.77 0.00	152.34 -1.85 0.00	146.48 -2.08 0.00	146.25 -1.63 0.00
FITZPATRICK___ 23598	155.77 -6.50 0.00	149.85 -6.08 0.00	147.48 -5.99 0.00	146.01 -5.93 0.00	150.05 -6.09 0.00	156.44 -5.84 0.00	171.83 -6.24 0.00	175.40 -6.74 0.00	168.42 -6.47 0.00	175.41 -6.93 0.00	150.61 -6.11 0.00	138.13 -5.61 0.00	138.35 -5.77 0.00	132.84 -5.54 0.00	131.81 -5.50 0.00	141.74 -5.75 0.00	155.43 -6.31 0.00	175.73 -6.94 0.00	170.57 -6.74 0.00	159.99 -6.67 0.00	154.83 -6.46 0.00	148.02 -6.17 0.00	142.46 -6.10 0.00	142.26 -5.62 0.00
FLOWRFLD_69_KV_BK1 356044	185.65 13.95 -9.43	176.05 13.41 -6.71	168.87 13.81 -1.59	167.44 13.83 -1.68	171.38 13.74 -1.49	183.34 15.25 -5.81	221.66 18.70 -24.90	233.42 20.58 -30.70	217.10 20.11 -22.10	208.85 19.87 -6.64	181.16 14.89 -9.56	166.94 14.23 -8.97	166.51 13.69 -8.71	160.80 13.01 -9.42	160.88 14.01 -9.57	170.08 14.16 -8.42	188.07 16.66 -9.67	214.19 20.64 -10.87	208.27 19.86 -11.10	194.37 18.33 -9.37	187.35 17.26 -8.80	180.20 16.81 -9.21	171.67 15.30 -7.81	169.30 14.34 -7.07
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	173.62 11.36 0.00	166.85 10.92 0.00	164.36 10.90 0.00	162.42 10.48 0.00	166.92 10.77 0.00	174.12 11.85 0.00	206.57 14.07 -14.44	216.32 14.94 -19.25	205.14 15.04 -15.21	197.83 15.50 0.00	168.94 12.22 0.00	154.81 11.07 0.00	155.07 10.95 0.00	148.62 10.24 0.00	147.74 10.44 0.00	158.85 11.36 0.00	174.68 12.94 0.00	199.35 15.16 -1.51	195.55 14.54 -3.70	180.00 13.33 0.00	174.19 12.90 0.00	166.22 12.03 0.00	160.00 11.44 0.00	158.53 10.65 0.00
FORT ORANGE___ 23900	169.08 6.81 0.00	162.33 6.40 0.00	159.61 6.14 0.00	158.17 6.23 0.00	162.55 6.40 0.00	169.40 7.13 0.00	221.94 7.83 -36.05	246.52 7.83 -56.56	220.91 8.05 -37.98	190.55 8.21 0.00	163.61 6.89 0.00	150.06 6.32 0.00	150.17 6.05 0.00	144.32 5.95 0.00	142.65 5.35 0.00	151.92 4.42 0.00	167.25 5.50 0.00	192.47 6.02 -3.77	192.40 5.84 -9.25	172.16 5.49 0.00	166.45 5.16 0.00	159.12 4.93 0.00	154.20 5.64 0.00	153.19 5.32 0.00
FORT_DRUM_COGEN 23780	164.53 2.27 0.00	158.58 2.65 0.00	156.07 2.61 0.00	154.52 2.58 0.00	158.80 2.65 0.00	166.17 3.89 0.00	183.58 5.52 0.00	188.51 6.37 0.00	179.78 4.90 0.00	186.53 4.19 0.00	160.01 3.29 0.00	146.04 2.30 0.00	147.00 2.88 0.00	141.01 2.63 0.00	140.05 2.75 0.00	150.89 3.39 0.00	166.76 5.01 0.00	189.80 7.12 0.00	184.58 7.27 0.00	172.17 5.50 0.00	166.13 4.84 0.00	157.74 3.55 0.00	151.68 3.12 0.00	151.28 3.40 0.00
FOX_HILLS___ESR 323835	263.05 12.33 -88.46	258.94 12.16 -90.85	258.89 12.12 -93.31	248.35 11.70 -84.71	257.99 12.02 -89.83	262.72 12.49 -87.95	281.98 14.25 -89.67	516.87 15.48 -319.26	483.51 16.61 -292.01	529.01 17.50 -329.17	354.51 13.48 -184.31	352.34 12.51 -196.09	263.37 12.11 -107.15	263.45 11.76 -113.31	263.57 11.95 -114.32	274.41 12.83 -114.08	437.46 14.72 -261.00	512.74 16.81 -313.26	514.34 16.31 -320.72	563.71 15.00 -382.04	740.83 14.35 -565.19	373.05 13.57 -205.29	266.72 12.63 -105.53	263.74 12.42 -103.44
FPL FAR_ROCK_GT1 24212	333.01 16.22 -154.52	281.87 15.91 -110.03	193.92 15.66 -24.79	193.23 15.19 -26.11	194.55 15.14 -23.27	274.44 16.88 -95.29	386.51 19.94 -188.51	414.83 21.12 -211.58	326.99 21.15 -130.95	312.58 21.51 -108.74	329.96 16.93 -156.31	300.63 15.67 -141.22	297.62 15.43 -138.08	299.65 14.81 -146.46	300.47 14.70 -148.46	298.80 15.93 -135.37	337.58 17.47 -158.36	357.00 19.35 -154.97	321.57 18.79 -125.47	337.22 17.33 -153.22	321.57 16.28 -144.00	321.57 16.81 -150.57	292.59 16.05 -127.99	279.48 15.67 -115.93

FPL FAR_ROCK_GT2 23815	333.01 16.22 -154.52	281.87 15.91 -110.03	193.92 15.66 -24.79	193.23 15.19 -26.11	194.55 15.14 -23.27	274.44 16.88 -95.29	386.51 19.94 -188.51	414.83 21.12 -211.58	326.99 21.15 -130.95	312.58 21.51 -108.74	329.96 16.93 -156.31	300.63 15.67 -141.22	297.62 15.43 -138.08	299.65 14.81 -146.46	300.47 14.70 -148.46	298.80 15.93 -135.37	337.58 17.47 -158.36	357.00 19.35 -154.97	321.57 18.79 -125.47	337.22 17.33 -153.22	321.57 16.28 -144.00	321.57 16.81 -150.57	292.59 16.05 -127.99	279.48 15.67 -115.93
FRANKLIN_FALL_HYD 24054	164.05 1.78 0.00	157.18 1.25 0.00	154.39 0.92 0.00	153.00 1.06 0.00	156.77 0.62 0.00	161.62 -0.65 0.00	175.93 -2.14 0.00	181.04 -1.09 0.00	173.31 -1.57 0.00	180.69 -1.64 0.00	156.72 0.00 0.00	143.31 -0.43 0.00	144.40 0.29 0.00	138.38 0.00 0.00	137.17 -0.14 0.00	146.91 -0.59 0.00	160.29 -1.46 0.00	180.67 -2.01 0.00	176.07 -1.24 0.00	165.67 -1.00 0.00	160.32 -0.97 0.00	154.04 -0.15 0.00	149.30 0.74 0.00	148.91 1.04 0.00
FREEPORT_EQUS_GT1 23764	232.94 14.61 -56.07	210.04 14.19 -39.93	177.39 14.11 -9.82	176.09 13.82 -10.33	179.10 13.74 -9.21	212.27 15.42 -34.58	273.90 18.34 -77.49	290.66 19.68 -88.85	251.56 19.58 -57.09	241.67 19.88 -39.46	228.82 15.37 -56.73	209.46 14.23 -51.48	208.39 13.98 -50.30	205.13 13.29 -53.47	204.99 13.46 -54.22	211.33 14.61 -49.23	235.38 16.17 -57.47	259.43 19.56 -57.20	244.16 18.98 -47.87	239.61 17.33 -55.61	230.01 16.46 -52.26	224.41 15.57 -54.65	209.85 14.85 -46.44	204.14 14.20 -42.07
FREEPORT___CT2 23818	232.94 14.61 -56.07	210.04 14.19 -39.93	177.39 14.11 -9.82	176.09 13.82 -10.33	179.10 13.74 -9.21	212.27 15.42 -34.58	273.90 18.34 -77.49	290.66 19.68 -88.85	251.56 19.58 -57.09	241.67 19.88 -39.46	228.82 15.37 -56.73	209.46 14.23 -51.48	208.39 13.98 -50.30	205.13 13.29 -53.47	204.99 13.46 -54.22	211.33 14.61 -49.23	235.38 16.17 -57.47	259.43 19.56 -57.20	244.16 18.98 -47.87	239.61 17.33 -55.61	230.01 16.46 -52.26	224.41 15.57 -54.65	209.85 14.85 -46.44	204.14 14.20 -42.07
FRESHKLS_33_KV_LOAD 356253	263.05 12.33 -88.46	258.78 12.01 -90.85	258.89 12.12 -93.31	248.35 11.70 -84.71	257.99 12.02 -89.83	262.72 12.49 -87.95	281.80 14.07 -89.67	516.69 15.30 -319.26	483.34 16.44 -292.01	528.83 17.32 -329.17	354.20 13.16 -184.31	351.91 12.07 -196.09	262.94 11.67 -107.15	263.04 11.35 -113.31	263.30 11.67 -114.32	273.97 12.39 -114.08	437.14 14.40 -261.00	512.56 16.62 -313.26	514.16 16.14 -320.72	563.54 14.83 -382.04	740.83 14.35 -565.19	372.89 13.41 -205.29	266.42 12.33 -105.53	263.59 12.27 -103.44
FULTON COGEN____ 23766	158.04 -4.22 0.00	152.03 -3.90 0.00	149.63 -3.84 0.00	148.14 -3.80 0.00	152.39 -3.75 0.00	159.03 -3.25 0.00	174.86 -3.21 0.00	178.68 -3.46 0.00	171.39 -3.50 0.00	178.32 -4.01 0.00	152.96 -3.76 0.00	140.15 -3.59 0.00	140.22 -3.89 0.00	134.64 -3.74 0.00	133.74 -3.57 0.00	143.66 -3.83 0.00	157.86 -3.88 0.00	178.47 -4.20 0.00	173.23 -4.08 0.00	162.50 -4.17 0.00	157.26 -4.03 0.00	150.18 -4.01 0.00	144.40 -4.16 0.00	144.18 -3.70 0.00
FULTON___LFGE 323630	175.40 13.14 0.00	168.55 12.62 0.00	164.98 11.52 0.00	163.79 11.86 0.00	168.47 12.33 0.00	176.06 13.79 0.00	255.17 16.93 -60.18	299.50 17.49 -99.88	254.36 16.08 -63.40	197.10 14.76 0.00	167.53 10.81 0.00	152.51 8.77 0.00	152.18 8.07 0.00	146.26 7.88 0.00	145.40 8.10 0.00	158.12 10.63 0.00	175.33 13.59 0.00	205.60 16.62 -6.30	209.24 16.49 -15.44	181.67 15.01 0.00	175.64 14.35 0.00	167.45 13.26 0.00	160.88 12.32 0.00	159.71 11.83 0.00
G.F.CEMENT___DRP 24184	175.24 12.98 0.00	168.25 12.32 0.00	164.82 11.36 0.00	163.64 11.70 0.00	168.48 12.34 0.00	175.58 13.31 0.00	255.00 15.85 -61.09	299.58 16.39 -101.05	255.15 15.91 -64.35	198.02 15.68 0.00	169.26 12.54 0.00	154.81 11.07 0.00	154.35 10.23 0.00	148.34 9.96 0.00	147.19 9.89 0.00	158.71 11.21 0.00	175.98 14.23 0.00	206.06 16.99 -6.40	209.47 16.49 -15.67	181.67 15.00 0.00	175.32 14.03 0.00	166.99 12.80 0.00	160.44 11.88 0.00	159.27 11.39 0.00
GARDENVILLE___LBMP 24039	148.63 -13.63 0.00	142.99 -12.94 0.00	141.34 -12.12 0.00	139.63 -12.31 0.00	143.81 -12.34 0.00	150.26 -12.01 0.00	165.94 -14.60 -2.48	166.86 -18.03 -2.76	160.01 -17.49 -2.61	148.56 -16.23 17.54	140.42 -16.30 0.00	128.93 -14.81 0.00	129.27 -14.84 0.00	123.57 -14.81 0.00	123.03 -14.28 0.00	132.60 -14.90 0.00	143.95 -17.79 0.00	162.45 -20.46 -0.23	158.23 -19.68 -0.60	147.78 -18.83 0.05	143.03 -18.23 0.03	137.07 -17.12 0.01	132.07 -16.49 0.00	136.05 -11.83 0.00
GARDNVLA_35_KV_LD 355827	149.28 -12.98 0.00	143.61 -12.32 0.00	141.95 -11.51 0.00	140.09 -11.85 0.00	144.43 -11.71 0.00	150.75 -11.52 0.00	166.50 -14.07 -2.50	167.43 -17.49 -2.78	160.74 -16.79 -2.64	153.97 -15.13 13.24	140.89 -15.83 0.00	129.37 -14.37 0.00	129.85 -14.27 0.00	124.13 -14.25 0.00	123.44 -13.87 0.00	133.04 -14.45 0.00	144.44 -17.31 0.00	163.18 -19.73 -0.24	158.95 -18.97 -0.61	148.46 -18.17 0.04	143.68 -17.58 0.03	137.53 -16.65 0.01	132.66 -15.90 0.00	136.49 -11.39 0.00
GELCKHM___115KV_LOAD 80723	158.85 -3.41 0.00	152.66 -3.27 0.00	150.40 -3.07 0.00	148.90 -3.04 0.00	153.18 -2.97 0.00	159.68 -2.60 0.00	175.75 -2.31 0.00	179.40 -2.73 0.00	172.26 -2.62 0.00	179.24 -3.10 0.00	153.74 -2.98 0.00	141.01 -2.73 0.00	141.23 -2.88 0.00	135.47 -2.91 0.00	134.56 -2.75 0.00	144.70 -2.80 0.00	158.83 -2.91 0.00	179.57 -3.11 0.00	174.30 -3.01 0.00	163.50 -3.17 0.00	158.23 -3.06 0.00	151.11 -3.08 0.00	145.29 -3.27 0.00	145.07 -2.81 0.00
GENERAL___MILLS 23808	148.96 -13.31 0.00	143.30 -12.63 0.00	141.80 -11.66 0.00	139.93 -12.00 0.00	144.12 -12.02 0.00	150.59 -11.68 0.00	166.32 -14.25 -2.50	167.24 -17.67 -2.77	160.38 -17.14 -2.63	151.74 -15.50 15.10	140.74 -15.99 0.00	129.08 -14.66 0.00	129.56 -14.56 0.00	123.85 -14.53 0.00	123.30 -14.01 0.00	132.75 -14.75 0.00	144.28 -17.47 0.00	162.81 -20.09 -0.23	158.76 -19.15 -0.60	148.12 -18.50 0.05	143.52 -17.74 0.03	137.38 -16.81 0.01	132.36 -16.19 0.00	136.34 -11.53 0.00
GE_PLASTICS___DRP 24183	167.78 5.52 0.00	161.23 5.30 0.00	158.53 5.06 0.00	157.10 5.17 0.00	161.45 5.31 0.00	168.11 5.84 0.00	215.68 6.59 -31.03	236.28 6.56 -47.58	214.22 6.65 -32.69	189.26 6.93 0.00	162.36 5.64 0.00	149.06 5.32 0.00	149.16 5.04 0.00	143.50 5.12 0.00	141.97 4.67 0.00	152.22 4.72 0.00	167.24 5.50 0.00	192.14 6.21 -3.25	191.12 5.85 -7.96	172.17 5.50 0.00	166.61 5.32 0.00	159.28 5.09 0.00	153.90 5.35 0.00	153.05 5.18 0.00
GILBOA___1 23756	167.30 5.04 0.00	160.92 4.99 0.00	158.37 4.91 0.00	156.80 4.86 0.00	160.99 4.85 0.00	167.95 5.68 0.00	196.67 6.40 -12.21	203.64 6.00 -15.51	193.86 6.12 -12.86	189.26 6.93 0.00	162.05 5.33 0.00	148.63 4.89 0.00	148.86 4.75 0.00	143.50 5.12 0.00	142.39 5.08 0.00	152.36 4.86 0.00	167.40 5.66 0.00	189.80 5.84 -1.28	186.11 5.67 -3.13	172.00 5.33 0.00	166.93 5.64 0.00	159.44 5.25 0.00	153.61 5.05 0.00	152.75 4.87 0.00
GILBOA___2 23757	167.30 5.04 0.00	160.92 4.99 0.00	158.37 4.91 0.00	156.80 4.86 0.00	160.99 4.85 0.00	167.95 5.68 0.00	196.67 6.40 -12.21	203.64 6.00 -15.51	193.86 6.12 -12.86	189.26 6.93 0.00	162.05 5.33 0.00	148.63 4.89 0.00	148.86 4.75 0.00	143.50 5.12 0.00	142.39 5.08 0.00	152.36 4.86 0.00	167.40 5.66 0.00	189.80 5.84 -1.28	186.11 5.67 -3.13	172.00 5.33 0.00	166.93 5.64 0.00	159.44 5.25 0.00	153.61 5.05 0.00	152.75 4.87 0.00

GILBOA___3 23758	167.30 5.04 0.00	160.92 4.99 0.00	158.37 4.91 0.00	156.80 4.86 0.00	160.99 4.85 0.00	167.95 5.68 0.00	196.67 6.40 -12.21	203.64 6.00 -15.51	193.86 6.12 -12.86	189.26 6.93 0.00	162.05 5.33 0.00	148.63 4.89 0.00	148.86 4.75 0.00	143.50 5.12 0.00	142.39 5.08 0.00	152.36 4.86 0.00	167.40 5.66 0.00	189.80 5.84 -1.28	186.11 5.67 -3.13	172.00 5.33 0.00	166.93 5.64 0.00	159.44 5.25 0.00	153.61 5.05 0.00	152.75 4.87 0.00
GILBOA___4 23759	167.30 5.04 0.00	160.92 4.99 0.00	158.37 4.91 0.00	156.80 4.86 0.00	160.99 4.85 0.00	167.95 5.68 0.00	196.67 6.40 -12.21	203.64 6.00 -15.51	193.86 6.12 -12.86	189.26 6.93 0.00	162.05 5.33 0.00	148.63 4.89 0.00	148.86 4.75 0.00	143.50 5.12 0.00	142.39 5.08 0.00	152.36 4.86 0.00	167.40 5.66 0.00	189.80 5.84 -1.28	186.11 5.67 -3.13	172.00 5.33 0.00	166.93 5.64 0.00	159.44 5.25 0.00	153.61 5.05 0.00	152.75 4.87 0.00
GILBOA___ 23599	167.29 5.03 0.00	160.76 4.83 0.00	158.38 4.91 0.00	156.80 4.86 0.00	161.14 5.00 0.00	167.79 5.52 0.00	196.68 6.41 -12.21	203.65 6.01 -15.51	193.87 6.12 -12.86	189.26 6.93 0.00	162.05 5.33 0.00	148.63 4.89 0.00	148.87 4.76 0.00	143.50 5.12 0.00	141.97 4.67 0.00	152.37 4.87 0.00	167.57 5.82 0.00	189.80 5.85 -1.28	186.12 5.67 -3.13	172.00 5.33 0.00	166.94 5.65 0.00	159.43 5.24 0.00	153.61 5.05 0.00	152.76 4.88 0.00
GINNA___ 23603	148.47 -13.79 0.00	142.68 -13.25 0.00	140.57 -12.89 0.00	139.33 -12.61 0.00	143.34 -12.80 0.00	150.10 -12.17 0.00	164.36 -13.71 0.00	166.84 -15.30 0.00	160.20 -14.69 0.00	165.56 -16.77 0.00	143.08 -13.64 0.00	131.09 -12.65 0.00	131.14 -12.97 0.00	125.65 -12.73 0.00	124.95 -12.36 0.00	134.52 -12.98 0.00	147.35 -14.40 0.00	166.40 -16.26 0.01	161.16 -16.13 0.02	150.80 -15.84 0.02	145.95 -15.33 0.02	139.53 -14.65 0.00	134.15 -14.41 0.00	135.61 -12.27 0.00
GLEN PARK___ 23778	165.67 3.41 0.00	159.67 3.74 0.00	157.14 3.68 0.00	155.58 3.64 0.00	160.05 3.91 0.00	167.62 5.35 0.00	185.19 7.13 0.00	190.14 8.00 0.00	181.01 6.12 0.00	187.99 5.66 0.00	160.95 4.23 0.00	146.90 3.16 0.00	147.72 3.60 0.00	141.84 3.46 0.00	140.87 3.56 0.00	151.92 4.42 0.00	168.05 6.30 0.00	191.63 8.95 0.00	186.35 9.04 0.00	173.67 7.00 0.00	167.57 6.28 0.00	158.98 4.79 0.00	152.71 4.15 0.00	152.31 4.43 0.00
GLENDALE_27_KV_LOAD 356172	174.60 12.33 -0.01	168.10 12.16 -0.01	165.60 12.12 -0.01	163.49 11.55 -0.01	168.02 11.87 -0.01	174.77 12.49 0.00	206.91 14.60 -14.24	216.91 15.85 -18.92	207.03 17.14 -15.00	207.26 18.05 -6.88	180.10 14.26 -9.12	177.87 13.22 -20.90	169.56 12.97 -12.47	169.52 12.63 -18.69	169.65 12.45 -19.71	174.90 13.42 -13.98	182.31 15.04 -5.52	201.52 17.35 -1.49	197.63 16.67 -3.65	182.00 15.33 0.00	175.98 14.68 -0.01	177.94 14.03 -9.72	165.59 13.22 -3.81	163.78 12.57 -3.33
GLENWOOD_IC_1_G5 23712	213.16 12.98 -37.92	195.56 12.63 -27.00	172.67 12.58 -6.62	171.06 12.15 -6.97	174.84 12.49 -6.21	199.12 13.47 -23.38	250.04 14.96 -57.02	264.56 16.21 -66.22	234.80 16.44 -43.47	227.25 18.23 -26.68	209.51 14.42 -38.37	192.05 13.37 -34.94	191.19 12.97 -34.11	187.16 12.45 -36.32	186.78 12.63 -36.84	194.27 13.42 -33.35	215.65 15.04 -38.86	238.28 16.44 -39.17	226.65 15.78 -33.56	218.78 14.50 -37.61	211.48 14.84 -35.35	205.34 14.19 -36.96	193.18 13.22 -31.41	188.90 12.57 -28.45
GLENWOOD_IC_2_G1 23688	193.06 11.69 -19.11	181.07 11.54 -13.61	168.21 11.52 -3.23	166.42 11.09 -3.40	170.26 11.09 -3.03	186.38 12.33 -11.78	228.48 14.60 -35.81	240.74 15.84 -42.77	220.32 16.08 -29.36	212.55 16.76 -13.45	189.23 13.17 -19.34	173.74 12.21 -17.79	173.41 11.95 -17.34	168.42 11.48 -18.56	167.68 11.54 -18.84	176.78 12.39 -16.89	194.92 13.59 -19.59	219.05 15.88 -20.49	211.46 15.42 -18.73	199.63 14.00 -18.96	192.66 13.55 -17.82	185.92 13.10 -18.64	176.57 12.18 -15.83	173.76 11.54 -14.34
GLENWOOD_IC_3_G1 23689	193.06 11.69 -19.11	181.07 11.54 -13.61	168.21 11.52 -3.23	166.42 11.09 -3.40	170.26 11.09 -3.03	186.38 12.33 -11.78	228.48 14.60 -35.81	240.74 15.84 -42.77	220.32 16.08 -29.36	212.55 16.76 -13.45	189.23 13.17 -19.34	173.74 12.21 -17.79	173.41 11.95 -17.34	168.42 11.48 -18.56	167.68 11.54 -18.84	176.78 12.39 -16.89	194.92 13.59 -19.59	219.05 15.88 -20.49	211.46 15.42 -18.73	199.63 14.00 -18.96	192.66 13.55 -17.82	185.92 13.10 -18.64	176.57 12.18 -15.83	173.76 11.54 -14.34
GLENWOOD___4 23550	213.16 12.98 -37.92	195.56 12.63 -27.00	172.67 12.58 -6.62	171.06 12.15 -6.97	174.84 12.49 -6.21	199.12 13.47 -23.38	250.40 15.31 -57.02	264.93 16.57 -66.22	235.15 16.79 -43.47	227.25 18.23 -26.68	209.51 14.42 -38.37	192.05 13.37 -34.94	191.19 12.97 -34.11	187.16 12.45 -36.32	186.78 12.63 -36.84	194.27 13.42 -33.35	215.65 15.04 -38.86	238.83 16.99 -39.17	227.18 16.31 -33.56	219.11 14.83 -37.61	211.48 14.84 -35.35	205.34 14.19 -36.96	193.18 13.22 -31.41	188.90 12.57 -28.45
GLENWOOD___5 23614	213.16 12.98 -37.92	195.56 12.63 -27.00	172.67 12.58 -6.62	171.06 12.15 -6.97	174.84 12.49 -6.21	199.12 13.47 -23.38	250.40 15.31 -57.02	264.93 16.57 -66.22	235.15 16.79 -43.47	227.25 18.23 -26.68	209.51 14.42 -38.37	192.05 13.37 -34.94	191.19 12.97 -34.11	187.16 12.45 -36.32	186.78 12.63 -36.84	194.27 13.42 -33.35	215.65 15.04 -38.86	238.83 16.99 -39.17	227.18 16.31 -33.56	219.11 14.83 -37.61	211.48 14.84 -35.35	205.34 14.19 -36.96	193.18 13.22 -31.41	188.90 12.57 -28.45
GLOBAL GREEN_PORT_GT1 23814	192.11 20.77 -9.08	182.35 19.96 -6.46	174.80 19.80 -1.53	174.05 20.50 -1.61	177.87 20.29 -1.43	190.75 22.89 -5.59	229.81 27.24 -24.50	241.90 29.50 -30.26	225.40 28.68 -21.83	216.79 28.07 -6.39	186.28 20.36 -9.20	172.08 19.69 -8.65	171.38 18.87 -8.39	164.47 17.02 -9.08	164.80 18.26 -9.23	175.38 19.77 -8.11	192.87 21.83 -9.30	222.42 29.22 -10.52	216.69 28.55 -10.82	202.18 26.50 -9.01	194.44 24.68 -8.47	186.03 22.98 -8.86	177.31 21.24 -7.52	175.39 20.70 -6.81
GLOBE___DSASP 323697	144.41 -17.85 0.00	139.09 -16.84 0.00	137.50 -15.96 0.00	135.98 -15.95 0.00	139.90 -16.24 0.00	145.88 -16.39 0.00	160.05 -20.30 -2.28	160.45 -24.22 -2.54	154.03 -23.26 -2.41	145.71 -25.16 11.46	135.56 -21.16 0.00	124.34 -19.40 0.00	124.66 -19.46 0.00	119.14 -19.23 0.00	118.63 -18.67 0.00	127.73 -19.76 0.00	138.13 -23.61 0.00	155.49 -27.40 -0.21	151.09 -26.77 -0.55	140.96 -25.67 0.04	137.07 -24.19 0.03	131.98 -22.20 0.01	127.46 -21.10 0.00	131.61 -16.27 0.00
GOETHSLN___LBMP 323567	168.53 9.57 3.31	162.05 9.51 3.39	159.49 9.51 3.49	157.89 9.12 3.17	162.00 9.21 3.36	168.88 9.90 3.29	201.77 12.29 -11.42	203.31 13.48 -7.69	193.70 14.17 -4.64	192.11 14.95 5.18	168.92 11.75 -0.45	165.85 10.92 -11.19	163.70 10.66 -8.92	163.77 10.24 -15.15	163.91 10.44 -16.17	163.66 11.06 -5.10	170.00 12.29 4.04	187.88 14.25 9.05	184.01 13.65 6.95	170.83 12.33 8.17	165.18 11.94 8.04	165.75 11.56 0.00	159.40 10.84 0.00	157.66 10.20 0.42
GOLAH___69_KV_TB 1_2 80279	154.31 -7.95 0.00	148.45 -7.48 0.00	146.25 -7.21 0.00	144.64 -7.29 0.00	148.96 -7.18 0.00	155.94 -6.33 0.00	171.86 -8.01 -1.80	173.76 -10.38 -2.00	166.64 -10.14 -1.90	171.93 -12.22 -1.81	146.85 -9.87 0.00	134.40 -9.34 0.00	134.46 -9.66 0.00	128.83 -9.55 0.00	128.24 -9.06 0.00	138.06 -9.44 0.00	150.58 -11.16 0.00	169.88 -12.97 -0.18	165.35 -12.41 -0.45	154.32 -12.33 0.02	149.50 -11.77 0.01	143.08 -11.10 0.00	137.41 -11.14 0.00	140.19 -7.69 0.00

GOODYEAR_LAKE_HYD 323669	168.59 6.33 0.00	162.32 6.39 0.00	159.76 6.29 0.00	158.32 6.38 0.00	162.86 6.71 0.00	170.22 7.95 0.00	209.61 9.79 -21.76	226.48 10.02 -34.33	207.25 9.44 -22.92	192.36 10.03 0.00	163.93 7.21 0.00	150.06 6.32 0.00	150.17 6.05 0.00	144.33 5.95 0.00	143.07 5.77 0.00	154.28 6.78 0.00	169.99 8.25 0.00	194.64 9.68 -2.28	192.29 9.40 -5.58	175.00 8.33 0.00	169.19 7.90 0.00	161.44 7.25 0.00	154.94 6.39 0.00	154.53 6.65 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	161.13 -1.14 0.00	154.99 -0.94 0.00	152.85 -0.61 0.00	151.18 -0.76 0.00	155.67 -0.47 0.00	162.27 0.00 0.00	183.68 0.36 -5.26	188.81 -0.55 -7.22	179.73 -0.70 -5.54	182.70 0.36 0.00	155.31 -1.41 0.00	142.45 -1.29 0.00	142.67 -1.44 0.00	136.99 -1.38 0.00	136.07 -1.24 0.00	146.32 -1.18 0.00	160.77 -0.97 0.00	182.30 -0.91 -0.54	177.76 -0.89 -1.34	165.48 -1.17 0.02	160.15 -1.13 0.02	152.95 -1.23 0.00	147.07 -1.49 0.00	147.58 -0.30 0.00
GOUDEY___7 23579	161.13 -1.14 0.00	154.99 -0.94 0.00	152.85 -0.61 0.00	151.18 -0.76 0.00	155.67 -0.47 0.00	162.27 0.00 0.00	183.68 0.36 -5.26	188.81 -0.55 -7.22	179.73 -0.70 -5.54	182.70 0.36 0.00	155.31 -1.41 0.00	142.45 -1.29 0.00	142.67 -1.44 0.00	136.99 -1.38 0.00	136.07 -1.24 0.00	146.32 -1.18 0.00	160.77 -0.97 0.00	182.30 -0.91 -0.54	177.76 -0.89 -1.34	165.48 -1.17 0.02	160.15 -1.13 0.02	152.95 -1.23 0.00	147.07 -1.49 0.00	147.58 -0.30 0.00
GOUDEY___8 23580	161.13 -1.14 0.00	154.99 -0.94 0.00	152.85 -0.61 0.00	151.18 -0.76 0.00	155.67 -0.47 0.00	162.27 0.00 0.00	183.68 0.36 -5.26	188.81 -0.55 -7.22	179.73 -0.70 -5.54	182.70 0.36 0.00	155.31 -1.41 0.00	142.45 -1.29 0.00	142.67 -1.44 0.00	136.99 -1.38 0.00	136.07 -1.24 0.00	146.32 -1.18 0.00	160.77 -0.97 0.00	182.30 -0.91 -0.54	177.76 -0.89 -1.34	165.48 -1.17 0.02	160.15 -1.13 0.02	152.95 -1.23 0.00	147.07 -1.49 0.00	147.58 -0.30 0.00
GOWANUS_GT1_1 24077	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT1_2 24078	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT1_3 24079	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT1_4 24080	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT1_5 24084	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT1_6 24111	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT1_7 24112	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT1_8 24113	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT2_1 24114	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
GOWANUS_GT2_2 24115	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
GOWANUS_GT2_3 24116	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44

GOWANUS_GT2_4 24117	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
GOWANUS_GT2_5 24118	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
GOWANUS_GT2_6 24119	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
GOWANUS_GT2_7 24120	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
GOWANUS_GT2_8 24121	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
GOWANUS_GT3_1 24122	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
GOWANUS_GT3_2 24123	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 1																				

GOWANUS_GT4_3 24132	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT4_4 24133	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT4_5 24134	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT4_6 24135	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT4_7 24136	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GOWANUS_GT4_8 24137	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GREENBSH_115KV_TB3 55895	167.78 5.52 0.00	161.23 5.30 0.00	158.53 5.06 0.00	157.10 5.17 0.00	161.61 5.46 0.00	168.11 5.84 0.00	221.71 6.59 -37.06	247.02 6.56 -58.33	220.74 6.82 -39.04	189.45 7.11 0.00	162.83 6.11 0.00	149.49 5.75 0.00	149.59 5.48 0.00	143.78 5.40 0.00	142.25 4.94 0.00	152.07 4.57 0.00	167.08 5.34 0.00	192.58 6.03 -3.88	192.49 5.67 -9.51	172.00 5.33 0.00	166.29 5.00 0.00	158.97 4.78 0.00	154.05 5.50 0.00	153.20 5.32 0.00
GREENIDGE_115KV_TB5 80291	155.77 -6.49 0.00	149.85 -6.08 0.00	147.79 -5.68 0.00	146.16 -5.77 0.00	150.83 -5.31 0.00	157.73 -4.54 0.00	176.83 -4.27 -3.04	181.01 -5.28 -4.15	172.49 -5.60 -3.20	197.57 -5.83 -21.07	150.29 -6.43 0.00	137.56 -6.18 0.00	137.77 -6.34 0.00	132.01 -6.37 0.00	131.40 -5.90 0.00	141.60 -5.90 0.00	155.60 -6.15 0.00	176.70 -6.21 -0.23	172.13 -5.85 -0.67	160.36 -6.17 0.14	155.23 -5.97 0.09	148.15 -6.01 0.02	142.17 -6.39 0.00	143.15 -4.73 0.00
GREENIDGE___3 23582	155.77 -6.49 0.00	149.85 -6.08 0.00	147.79 -5.68 0.00	146.16 -5.77 0.00	150.83 -5.31 0.00	157.73 -4.54 0.00	176.83 -4.27 -3.04	181.01 -5.28 -4.15	172.49 -5.60 -3.20	197.57 -5.83 -21.07	150.29 -6.43 0.00	137.56 -6.18 0.00	137.77 -6.34 0.00	132.01 -6.37 0.00	131.40 -5.90 0.00	141.60 -5.90 0.00	155.60 -6.15 0.00	176.70 -6.21 -0.23	172.13 -5.85 -0.67	160.36 -6.17 0.14	155.23 -5.97 0.09	148.15 -6.01 0.02	142.17 -6.39 0.00	143.15 -4.73 0.00
GREENIDGE___4 23583	155.77 -6.50 0.00	149.85 -6.08 0.00	147.79 -5.68 0.00	146.16 -5.77 0.00	150.67 -5.47 0.00	157.90 -4.37 0.00	176.83 -4.28 -3.04	180.83 -5.46 -4.15	172.48 -5.60 -3.20	197.57 -5.84 -21.07	150.29 -6.43 0.00	137.56 -6.18 0.00	137.78 -6.34 0.00	132.02 -6.36 0.00	131.41 -5.90 0.00	141.59 -5.90 0.00	155.60 -6.15 0.00	176.70 -6.21 -0.23	172.13 -5.85 -0.67	160.36 -6.16 0.14	155.24 -5.96 0.09	147.99 -6.17 0.02	142.17 -6.38 0.00	143.14 -4.74 0.00
GREENLWN_69_KV_BK 3 55738	185.29 12.49 -10.54	175.59 12.16 -7.50	167.54 12.28 -1.79	165.68 11.85 -1.89	170.00 12.18 -1.68	181.91 13.14 -6.49	220.41 16.20 -26.14	231.88 17.67 -32.08	215.48 17.66 -22.92	207.43 17.69 -7.41	180.87 13.48 -10.67	166.22 12.51 -9.98	166.06 12.25 -9.69	160.46 11.62 -10.46	160.02 12.08 -10.63	169.57 12.68 -9.39	186.94 14.40 -10.80	212.18 17.54 -11.97	206.13 16.84 -11.97	192.46 15.33 -10.46	185.48 14.35 -9.83	178.35 13.88 -10.28	170.35 13.07 -8.73	168.06 12.27 -7.90
GREENWD_138_KV_38B11_REV_LBMP_J 345004	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44
GRISSOM___SOLAR 323813	174.93 12.66 0.00	168.10 12.17 0.00	164.52 11.06 0.00	163.34 11.40 0.00	168.00 11.86 0.00	175.41 13.14 0.00	255.16 16.03 -61.07	300.10 16.57 -101.39	254.61 15.39 -64.33	196.57 14.23 0.00	167.38 10.66 0.00	152.51 8.77 0.00	152.18 8.07 0.00	146.26 7.88 0.00	145.27 7.96 0.00	157.67 10.17 0.00	174.69 12.94 0.00	204.96 15.88 -6.39	208.58 15.61 -15.67	181.00 14.34 0.00	174.99 13.70 0.00	166.84 12.65 0.00	160.45 11.89 0.00	159.11 11.23 0.00
GROVEVILLE___HYD 323602	173.62 11.36 0.00	166.85 10.92 0.00	164.36 10.90 0.00	162.42 10.48 0.00	166.92 10.77 0.00	174.12 11.85 0.00	206.57 14.07 -14.44	216.32 14.94 -19.25	205.14 15.04 -15.21	197.83 15.50 0.00	168.94 12.22 0.00	154.81 11.07 0.00	155.07 10.95 0.00	148.62 10.24 0.00	147.74 10.44 0.00	158.85 11.36 0.00	174.68 12.94 0.00	199.35 15.16 -1.51	195.55 14.54 -3.70	180.00 13.33 0.00	174.19 12.90 0.00	166.22 12.03 0.00	160.00 11.44 0.00	158.53 10.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	159.99 -2.27 0.00	153.90 -2.03 0.00	151.47 -2.00 0.00	149.96 -1.98 0.00	154.27 -1.87 0.00	160.97 -1.30 0.00	177.17 -0.89 0.00	180.86 -1.27 0.00	173.66 -1.22 0.00	180.69 -1.64 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	142.24 -1.87 0.00	136.44 -1.94 0.00	135.52 -1.78 0.00	145.73 -1.77 0.00	159.96 -1.78 0.00	181.03 -1.64 0.00	175.71 -1.60 0.00	164.83 -1.83 0.00	159.52 -1.77 0.00	152.34 -1.85 0.00	146.48 -2.08 0.00	146.25 -1.63 0.00

HAMLTNNY_34_KV_TB 80303	159.83 -2.43 0.00	153.75 -2.18 0.00	151.47 -2.00 0.00	149.96 -1.98 0.00	154.27 -1.87 0.00	160.97 -1.30 0.00	177.17 -0.89 0.00	180.86 -1.27 0.00	173.49 -1.40 0.00	180.69 -1.64 0.00	154.84 -1.88 0.00	141.87 -1.87 0.00	142.10 -2.02 0.00	136.30 -2.08 0.00	135.52 -1.78 0.00	145.58 -1.92 0.00	159.96 -1.78 0.00	180.85 -1.83 0.00	175.71 -1.60 0.00	164.67 -2.00 0.00	159.52 -1.77 0.00	152.34 -1.85 0.00	146.33 -2.23 0.00	146.25 -1.63 0.00
HAMPSHIRE___PAPER_HYD 323593	161.62 -0.65 0.00	155.31 -0.62 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.21 -0.93 0.00	160.49 -1.78 0.00	175.40 -2.67 0.00	180.32 -1.82 0.00	172.27 -2.62 0.00	179.23 -3.10 0.00	154.85 -1.87 0.00	141.73 -2.01 0.00	142.96 -1.16 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	145.73 -1.76 0.00	160.13 -1.62 0.00	181.59 -1.09 0.00	176.43 -0.88 0.00	165.51 -1.16 0.00	159.84 -1.45 0.00	153.12 -1.07 0.00	148.41 -0.15 0.00	148.03 0.15 0.00
HARDSCRABBLE_WT_PWR 323673	166.64 4.38 0.00	160.45 4.52 0.00	158.06 4.60 0.00	156.49 4.55 0.00	160.99 4.85 0.00	167.79 5.52 0.00	184.29 6.23 0.00	188.33 6.20 0.00	180.84 5.95 0.00	188.71 6.38 0.00	162.05 5.33 0.00	148.63 4.89 0.00	148.86 4.75 0.00	142.94 4.56 0.00	141.70 4.39 0.00	152.22 4.72 0.00	166.92 5.17 0.00	188.70 6.02 0.00	182.81 5.50 0.00	171.50 4.84 0.00	165.65 4.36 0.00	158.05 3.86 0.00	152.27 3.72 0.00	151.58 3.70 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	171.67 9.41 0.00	165.13 9.20 0.00	162.67 9.21 0.00	160.75 8.81 0.00	165.20 9.06 0.00	172.17 9.90 0.00	203.37 11.93 -13.37	212.46 12.57 -17.76	201.92 12.94 -14.09	195.83 13.49 0.00	166.91 10.19 0.00	153.08 9.34 0.00	153.19 9.08 0.00	147.10 8.72 0.00	146.23 8.92 0.00	156.94 9.44 0.00	172.58 10.84 0.00	196.68 12.60 -1.40	192.98 12.23 -3.43	177.67 11.00 0.00	171.94 10.65 0.00	164.21 10.02 0.00	157.92 9.36 0.00	156.60 8.72 0.00
HARSNRAD_115KV_TB1 81005	145.06 -17.20 0.00	139.56 -16.37 0.00	137.96 -15.50 0.00	136.29 -15.65 0.00	140.37 -15.77 0.00	146.69 -15.58 0.00	161.25 -19.05 -2.24	161.86 -22.77 -2.49	155.21 -22.04 -2.36	96.17 -23.16 63.01	136.50 -20.22 0.00	125.20 -18.54 0.00	125.52 -18.59 0.00	119.97 -18.40 0.00	119.46 -17.85 0.00	128.77 -18.73 0.00	139.58 -22.16 0.00	157.01 -25.76 -0.09	152.64 -25.00 -0.33	142.10 -24.17 0.40	138.21 -22.90 0.18	132.90 -21.28 0.01	128.20 -20.35 0.00	132.35 -15.53 0.00
HARZA MOOSE___RIVER 24016	164.53 2.27 0.00	158.42 2.49 0.00	155.92 2.46 0.00	154.37 2.43 0.00	158.80 2.65 0.00	165.84 3.57 0.00	182.69 4.63 0.00	187.24 5.10 0.00	178.91 4.02 0.00	186.16 3.83 0.00	159.70 2.98 0.00	146.18 2.44 0.00	147.29 3.17 0.00	141.28 2.91 0.00	140.19 2.88 0.00	150.89 3.39 0.00	166.27 4.53 0.00	188.70 6.03 0.00	183.16 5.85 0.00	171.33 4.67 0.00	165.64 4.35 0.00	157.27 3.08 0.00	151.82 3.27 0.00	151.43 3.55 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	158.69 -3.57 0.00	152.66 -3.27 0.00	150.24 -3.22 0.00	148.75 -3.19 0.00	153.02 -3.12 0.00	159.68 -2.60 0.00	175.57 -2.49 0.00	179.40 -2.73 0.00	172.26 -2.62 0.00	179.24 -3.10 0.00	153.74 -2.98 0.00	140.87 -2.87 0.00	141.23 -2.88 0.00	135.47 -2.91 0.00	134.56 -2.75 0.00	144.70 -2.80 0.00	158.67 -3.07 0.00	179.39 -3.29 0.00	174.12 -3.19 0.00	163.33 -3.33 0.00	158.23 -3.06 0.00	151.11 -3.08 0.00	145.29 -3.27 0.00	145.07 -2.81 0.00
HELLGATE_13_KV_LD 55870	173.79 11.52 -0.01	167.48 11.54 -0.01	164.98 11.51 -0.01	162.88 10.94 -0.01	167.39 11.24 -0.01	174.12 11.85 0.00	205.84 13.53 -14.24	215.81 14.75 -18.92	205.81 15.91 -15.00	205.98 16.77 -6.87	179.16 13.32 -9.12	177.00 12.36 -20.90	168.69 12.11 -12.47	168.69 11.62 -18.69	168.82 11.81 -19.71	174.01 12.54 -13.97	181.33 14.07 -5.52	200.24 16.08 -1.49	196.57 15.60 -3.65	181.00 14.33 0.00	175.01 13.71 -0.01	177.16 13.26 -9.71	164.84 12.48 -3.81	163.03 11.83 -3.32
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	173.79 11.52 -0.01	167.48 11.54 -0.01	164.98 11.51 -0.01	162.88 10.94 -0.01	167.39 11.24 -0.01	174.12 11.85 0.00	205.84 13.53 -14.24	215.81 14.75 -18.92	205.81 15.91 -15.00	205.98 16.77 -6.87	179.16 13.32 -9.12	177.00 12.36 -20.90	168.69 12.11 -12.47	168.69 11.62 -18.69	168.82 11.81 -19.71	174.01 12.54 -13.97	181.33 14.07 -5.52	200.24 16.08 -1.49	196.57 15.60 -3.65	181.00 14.33 0.00	175.01 13.71 -0.01	177.16 13.26 -9.71	164.84 12.48 -3.81	163.03 11.83 -3.32
HEMPSTEAD____ 23647	218.20 13.46 -42.48	199.28 13.10 -30.25	174.19 13.04 -7.69	172.79 12.76 -8.09	176.00 12.64 -7.21	202.58 14.11 -26.20	256.96 16.73 -62.17	272.08 18.04 -71.91	239.80 18.02 -46.89	231.01 18.78 -29.90	214.28 14.58 -42.99	196.34 13.51 -39.10	195.41 13.11 -38.18	191.60 12.59 -40.63	191.14 12.62 -41.21	198.56 13.72 -37.34	220.48 15.20 -43.54	244.29 17.91 -43.70	231.85 17.39 -37.16	224.64 15.84 -42.13	216.05 15.16 -39.60	210.09 14.49 -41.41	197.40 13.66 -35.19	192.91 13.16 -31.87
HEWLETT_69_KV_BK3 55828	332.04 15.25 -154.52	280.93 14.97 -110.03	192.99 14.73 -24.79	192.32 14.28 -26.11	194.09 14.68 -23.27	273.31 15.74 -95.29	385.45 18.87 -188.51	413.57 19.85 -211.58	325.78 19.94 -130.95	311.50 20.42 -108.74	329.02 15.99 -156.31	299.77 14.81 -141.22	296.75 14.56 -138.08	298.81 13.98 -146.46	299.91 14.14 -148.46	297.91 15.04 -135.37	336.77 16.66 -158.36	356.64 19.00 -154.97	321.05 18.26 -125.47	336.72 16.83 -153.22	321.09 15.81 -144.00	319.87 15.11 -150.57	291.85 15.30 -127.99	278.60 14.79 -115.93
HICKLING___1 23621	157.72 -4.54 0.00	151.88 -4.05 0.00	149.78 -3.68 0.00	148.14 -3.80 0.00	152.71 -3.44 0.00	159.68 -2.60 0.00	179.15 -2.85 -3.94	183.14 -4.37 -5.37	174.49 -4.55 -4.15	187.18 -2.92 -7.76	151.55 -5.17 0.00	138.85 -4.89 0.00	139.21 -4.90 0.00	133.40 -4.98 0.00	132.64 -4.67 0.00	142.93 -4.57 0.00	156.89 -4.85 0.00	177.90 -5.11 -0.34	173.26 -4.96 -0.91	161.37 -5.17 0.13	156.21 -5.00 0.08	149.08 -5.09 0.02	143.36 -5.20 0.00	145.07 -2.81 0.00
HICKLING___2 23622	157.72 -4.54 0.00	151.88 -4.05 0.00	149.78 -3.68 0.00	148.14 -3.80 0.00	152.71 -3.44 0.00	159.68 -2.60 0.00	179.15 -2.85 -3.94	183.14 -4.37 -5.37	174.49 -4.55 -4.15	187.18 -2.92 -7.76	151.55 -5.17 0.00	138.85 -4.89 0.00	139.21 -4.90 0.00	133.40 -4.98 0.00	132.64 -4.67 0.00	142.93 -4.57 0.00	156.89 -4.85 0.00	177.90 -5.11 -0.34	173.26 -4.96 -0.91	161.37 -5.17 0.13	156.21 -5.00 0.08	149.08 -5.09 0.02	143.36 -5.20 0.00	145.07 -2.81 0.00
HIGH FALLS___HY 23754	173.46 11.20 0.00	166.69 10.76 0.00	164.36 10.90 0.00	162.27 10.33 0.00	166.76 10.62 0.00	173.96 11.68 0.00	208.43 14.25 -16.12	219.18 14.75 -22.29	206.73 14.87 -16.98	197.47 15.13 0.00	168.16 11.44 0.00	154.09 10.35 0.00	154.20 10.09 0.00	147.93 9.55 0.00	147.19 9.89 0.00	158.41 10.91 0.00	174.36 12.62 0.00	199.34 14.98 -1.69	195.81 14.36 -4.14	179.67 13.00 0.00	174.03 12.74 0.00	166.06 11.87 0.00	159.55 10.99 0.00	158.08 10.20 0.00
HIGH_RIVER___SOLAR 323847	170.69 8.43 0.00	164.03 8.10 0.00	160.98 7.52 0.00	159.53 7.59 0.00	164.10 7.96 0.00	171.19 8.92 0.00	253.00 10.68 -64.25	299.89 10.93 -106.82	252.71 10.14 -67.68	191.27 8.93 0.00	163.15 6.43 0.00	149.06 5.32 0.00	148.86 4.75 0.00	143.09 4.71 0.00	142.39 5.08 0.00	154.29 6.79 0.00	170.80 9.05 0.00	200.36 10.96 -6.73	204.43 10.64 -16.48	176.33 9.66 0.00	170.48 9.19 0.00	162.67 8.47 0.00	156.57 8.02 0.00	155.56 7.68 0.00

HILLBURN___GT 23639	171.34 9.08 0.00	164.81 8.88 0.00	162.36 8.90 0.00	160.44 8.50 0.00	164.57 8.43 0.00	172.01 9.74 0.00	203.19 11.57 -13.56	212.70 12.56 -18.00	202.11 12.94 -14.28	195.83 13.49 0.00	166.76 10.04 0.00	153.08 9.34 0.00	153.20 9.08 0.00	146.96 8.58 0.00	145.96 8.66 0.00	156.95 9.45 0.00	172.25 10.51 0.00	196.34 12.24 -1.42	192.67 11.88 -3.48	177.49 10.83 0.00	171.77 10.48 0.00	164.07 9.88 0.00	157.77 9.21 0.00	156.45 8.57 0.00
HILLSIDE_115KV_TB1 80332	156.42 -5.84 0.00	150.47 -5.46 0.00	148.40 -5.06 0.00	146.77 -5.17 0.00	151.30 -4.84 0.00	157.89 -4.38 0.00	177.34 -4.81 -4.09	181.15 -6.56 -5.57	172.72 -6.47 -4.30	183.53 -4.74 -5.94	149.98 -6.74 0.00	137.42 -6.32 0.00	137.77 -6.34 0.00	132.15 -6.23 0.00	131.40 -5.90 0.00	141.45 -6.05 0.00	155.27 -6.47 0.00	175.91 -7.12 -0.36	171.35 -6.92 -0.96	159.71 -6.83 0.12	154.60 -6.61 0.08	147.54 -6.63 0.02	141.87 -6.69 0.00	143.44 -4.44 0.00
HISHELDN_WT_PWR 323625	148.63 -13.63 0.00	142.99 -12.94 0.00	141.34 -12.13 0.00	139.63 -12.30 0.00	144.12 -12.02 0.00	150.75 -11.52 0.00	166.88 -13.89 -2.70	167.83 -17.31 -3.00	161.12 -16.62 -2.85	126.93 -15.86 39.54	140.90 -15.82 0.00	129.37 -14.37 0.00	129.84 -14.27 0.00	124.13 -14.25 0.00	123.30 -14.01 0.00	133.34 -14.16 0.00	145.57 -16.17 0.00	164.48 -18.44 -0.25	159.87 -18.09 -0.65	149.11 -17.50 0.06	144.47 -16.78 0.04	138.14 -16.04 0.01	133.26 -15.30 0.00	136.63 -11.24 0.00
HOLTSVILLE_IC_1 23690	184.64 13.46 -8.92	175.38 13.10 -6.35	168.31 13.34 -1.50	166.89 13.37 -1.58	170.67 13.12 -1.41	182.86 15.09 -5.50	220.56 18.17 -24.32	232.24 20.04 -30.06	216.18 19.58 -21.71	207.75 19.14 -6.27	180.02 14.26 -9.04	166.04 13.80 -8.50	165.48 13.11 -8.25	159.49 12.18 -8.93	159.16 12.77 -9.08	169.03 13.56 -7.97	185.93 15.04 -9.14	212.40 19.35 -10.37	206.80 18.79 -10.70	192.86 17.33 -8.86	185.90 16.28 -8.33	178.16 15.27 -8.71	170.65 14.71 -7.39	168.62 14.06 -6.69
HOLTSVILLE_IC_10 23699	186.11 14.28 -9.57	176.78 14.04 -6.81	169.19 14.11 -1.62	167.92 14.28 -1.70	171.55 13.89 -1.52	184.08 15.91 -5.90	222.36 19.24 -25.05	234.31 21.30 -30.88	217.89 20.80 -22.20	209.48 20.42 -6.73	181.61 15.20 -9.70	167.51 14.67 -9.10	166.92 13.98 -8.83	160.93 13.00 -9.55	160.60 13.60 -9.70	170.65 14.61 -8.54	187.57 16.02 -9.81	214.51 20.82 -11.01	208.90 20.38 -11.21	194.83 18.66 -9.50	187.81 17.58 -8.93	179.87 16.34 -9.34	172.08 15.59 -7.93	169.99 14.93 -7.18
HOLTSVILLE_IC_2 23691	184.64 13.46 -8.92	175.38 13.10 -6.35	168.31 13.34 -1.50	166.89 13.37 -1.58	170.67 13.12 -1.41	182.86 15.09 -5.50	220.56 18.17 -24.32	232.24 20.04 -30.06	216.18 19.58 -21.71	207.75 19.14 -6.27	180.02 14.26 -9.04	166.04 13.80 -8.50	165.48 13.11 -8.25	159.49 12.18 -8.93	159.16 12.77 -9.08	169.03 13.56 -7.97	185.93 15.04 -9.14	212.40 19.35 -10.37	206.80 18.79 -10.70	192.86 17.33 -8.86	185.90 16.28 -8.33	178.16 15.27 -8.71	170.65 14.71 -7.39	168.62 14.06 -6.69
HOLTSVILLE_IC_3 23692	184.64 13.46 -8.92	175.38 13.10 -6.35	168.31 13.34 -1.50	166.89 13.37 -1.58	170.67 13.12 -1.41	182.86 15.09 -5.50	220.56 18.17 -24.32	232.24 20.04 -30.06	216.18 19.58 -21.71	207.75 19.14 -6.27	180.02 14.26 -9.04	166.04 13.80 -8.50	165.48 13.11 -8.25	159.49 12.18 -8.93	159.16 12.77 -9.08	169.03 13.56 -7.97	185.93 15.04 -9.14	212.40 19.35 -10.37	206.80 18.79 -10.70	192.86 17.33 -8.86	185.90 16.28 -8.33	178.16 15.27 -8.71	170.65 14.71 -7.39	168.62 14.06 -6.69
HOLTSVILLE_IC_4 23693	184.64 13.46 -8.92	175.38 13.10 -6.35	168.31 13.34 -1.50	166.89 13.37 -1.58	170.67 13.12 -1.41	182.86 15.09 -5.50	220.56 18.17 -24.32	232.24 20.04 -30.06	216.18 19.58 -21.71	207.75 19.14 -6.27	180.02 14.26 -9.04	166.04 13.80 -8.50	165.48 13.11 -8.25	159.49 12.18 -8.93	159.16 12.77 -9.08	169.03 13.56 -7.97	185.93 15.04 -9.14	212.40 19.35 -10.37	206.80 18.79 -10.70	192.86 17.33 -8.86	185.90 16.28 -8.33	178.16 15.27 -8.71	170.65 14.71 -7.39	168.62 14.06 -6.69
HOLTSVILLE_IC_5 23694	184.64 13.46 -8.92	175.38 13.10 -6.35	168.31 13.34 -1.50	166.89 13.37 -1.58	170.67 13.12 -1.41	182.86 15.09 -5.50	220.56 18.17 -24.32	232.24 20.04 -30.06	216.18 19.58 -21.71	207.75 19.14 -6.27	180.02 14.26 -9.04	166.04 13.80 -8.50	165.48 13.11 -8.25	159.49 12.18 -8.93	159.16 12.77 -9.08	169.03 13.56 -7.97	185.93 15.04 -9.14	212.40 19.35 -10.37	206.80 18.79 -10.70	192.86 17.33 -8.86	185.90 16.28 -8.33	178.16 15.27 -8.71	170.65 14.71 -7.39	168.62 14.06 -6.69
HOLTSVILLE_IC_6 23695	186.11 14.28 -9.57	176.78 14.04 -6.81	169.19 14.11 -1.62	167.92 14.28 -1.70	171.55 13.89 -1.52	184.08 15.91 -5.90	222.36 19.24 -25.05	234.31 21.30 -30.88	217.89 20.80 -22.20	209.48 20.42 -6.73	181.61 15.20 -9.70	167.51 14.67 -9.10	166.92 13.98 -8.83	160.93 13.00 -9.55	160.60 13.60 -9.70	170.65 14.61 -8.54	187.57 16.02 -9.81	214.51 20.82 -11.01	208.90 20.38 -11.21	194.83 18.66 -9.50	187.81 17.58 -8.93	179.87 16.34 -9.34	172.08 15.59 -7.93	169.99 14.93 -7.18
HOLTSVILLE_IC_7 23696	186.11 14.28 -9.57	176.78 14.04 -6.81	169.19 14.11 -1.62	167.92 14.28 -1.70	171.55 13.89 -1.52	184.08 15.91 -5.90	222.36 19.24 -25.05	234.31 21.30 -30.88	217.89 20.80 -22.20	209.48 20.42 -6.73	181.61 15.20 -9.70	167.51 14.67 -9.10	166.92 13.98 -8.83	160.93 13.00 -9.55	160.60 13.60 -9.70	170.65 14.61 -8.54	187.57 16.02 -9.81	214.51 20.82 -11.01	208.90 20.38 -11.21	194.83 18.66 -9.50	187.81 17.58 -8.93	179.87 16.34 -9.34	172.08 15.59 -7.93	169.99 14.93 -7.18
HOLTSVILLE_IC_8 23697	186.11 14.28 -9.57	176.78 14.04 -6.81	169.19 14.11 -1.62	167.92 14.28 -1.70	171.55 13.89 -1.52	184.08 15.91 -5.90	222.36 19.24 -25.05	234.31 21.30 -30.88	217.89 20.80 -22.20	209.48 20.42 -6.73	181.61 15.20 -9.70	167.51 14.67 -9.10	166.92 13.98 -8.83	160.93 13.00 -9.55	160.60 13.60 -9.70	170.65 14.61 -8.54	187.57 16.02 -9.81	214.51 20.82 -11.01	208.90 20.38 -11.21	194.83 18.66 -9.50	187.81 17.58 -8.93	179.87 16.34 -9.34	172.08 15.59 -7.93	169.99 14.93 -7.18
HOLTSVILLE_IC_9 23698	186.11 14.28 -9.57	176.78 14.04 -6.81	169.19 14.11 -1.62	167.92 14.28 -1.70	171.55 13.89 -1.52	184.08 15.91 -5.90	222.36 19.24 -25.05	234.31 21.30 -30.88	217.89 20.80 -22.20	209.48 20.42 -6.73	181.61 15.20 -9.70	167.51 14.67 -9.10	166.92 13.98 -8.83	160.93 13.00 -9.55	160.60 13.60 -9.70	170.65 14.61 -8.54	187.57 16.02 -9.81	214.51 20.82 -11.01	208.90 20.38 -11.21	194.83 18.66 -9.50	187.81 17.58 -8.93	179.87 16.34 -9.34	172.08 15.59 -7.93	169.99 14.93 -7.18
HOMER_HL_115KV_TB2 355744	151.71 -10.55 0.00	145.79 -10.14 0.00	144.10 -9.36 0.00	142.21 -9.72 0.00	146.62 -9.52 0.00	152.86 -9.41 0.00	170.07 -10.86 -2.87	171.30 -14.02 -3.19	164.44 -13.47 -3.02	173.69 -5.29 3.36	143.87 -12.85 0.00	131.95 -11.79 0.00	132.44 -11.67 0.00	126.75 -11.62 0.00	126.05 -11.26 0.00	135.70 -11.80 0.00	148.32 -13.42 0.00	168.33 -14.61 -0.26	164.35 -13.65 -0.69	153.77 -12.83 0.06	148.19 -13.06 0.04	140.76 -13.41 0.01	135.48 -13.07 0.00	139.01 -8.87 0.00
HOWARD_WT_PWR 323690	154.96 -7.30 0.00	149.07 -6.86 0.00	147.32 -6.14 0.00	145.70 -6.24 0.00	150.21 -5.93 0.00	157.56 -4.71 0.00	176.31 -4.98 -3.24	179.45 -7.11 -4.42	171.12 -7.18 -3.41	220.67 -6.20 -44.53	148.41 -8.31 0.00	135.83 -7.91 0.00	136.33 -7.78 0.00	130.50 -7.88 0.00	129.75 -7.55 0.00	140.57 -6.93 0.00	154.63 -7.11 0.00	175.63 -7.31 -0.26	170.76 -7.28 -0.73	158.71 -7.83 0.13	153.79 -7.42 0.08	146.62 -7.55 0.02	140.83 -7.73 0.00	142.70 -5.18 0.00

HQ_GEN_CEDARS 23644	162.10 -0.16 0.00	155.46 -0.47 0.00	153.00 -0.46 0.00	151.48 -0.46 0.00	155.21 -0.94 0.00	159.84 -2.43 0.00	174.15 -3.92 0.00	178.86 -3.28 0.00	171.21 -3.67 0.00	178.51 -3.83 0.00	154.84 -1.88 0.00	141.87 -1.87 0.00	142.82 -1.30 0.00	136.99 -1.38 0.00	135.80 -1.51 0.00	145.43 -2.06 0.00	158.83 -2.91 0.00	179.39 -3.29 0.00	174.47 -2.84 0.00	164.33 -2.33 0.00	159.03 -2.26 0.00	152.80 -1.39 0.00	147.81 -0.74 0.00	147.14 -0.74 0.00
HQ_GEN_CEDARS_PROXY 323590	162.10 -0.16 0.00	155.46 -0.47 0.00	153.01 -0.46 0.00	151.48 -0.45 0.00	155.52 -0.62 0.00	159.67 -2.60 0.00	174.15 -3.92 0.00	178.86 -3.27 0.00	171.21 -3.68 0.00	178.50 -3.84 0.00	154.85 -1.87 0.00	141.87 -1.87 0.00	142.82 -1.30 0.00	137.00 -1.38 0.00	135.80 -1.51 0.00	145.43 -2.07 0.00	158.99 -2.75 0.00	179.39 -3.28 0.00	174.47 -2.84 0.00	164.33 -2.33 0.00	159.03 -2.26 0.00	152.80 -1.39 0.00	147.82 -0.74 0.00	147.14 -0.74 0.00
HQ_GEN_IMPORT 323601	161.45 -0.81 0.00	155.00 -0.93 0.00	152.55 -0.92 0.00	151.03 -0.91 0.00	155.21 -0.93 0.00	160.00 -2.27 0.00	174.86 -3.20 0.00	179.41 -2.73 0.00	171.91 -2.97 0.00	179.41 -2.92 0.00	155.00 -1.72 0.00	142.30 -1.44 0.00	142.96 -1.16 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	146.17 -1.33 0.00	159.81 -1.93 0.00	180.12 -2.56 0.00	175.00 -2.31 0.00	165.00 -1.67 0.00	159.52 -1.77 0.00	152.80 -1.39 0.00	147.36 -1.19 0.00	146.55 -1.33 0.00
HQ_GEN_WHEEL 23651	161.45 -0.81 0.00	155.00 -0.93 0.00	152.55 -0.92 0.00	151.03 -0.91 0.00	155.21 -0.93 0.00	160.00 -2.27 0.00	174.86 -3.20 0.00	179.41 -2.73 0.00	171.91 -2.97 0.00	179.41 -2.92 0.00	155.00 -1.72 0.00	142.30 -1.44 0.00	142.96 -1.16 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	146.17 -1.33 0.00	159.81 -1.93 0.00	180.12 -2.56 0.00	175.00 -2.31 0.00	165.00 -1.67 0.00	159.52 -1.77 0.00	152.80 -1.39 0.00	147.36 -1.19 0.00	146.55 -1.33 0.00
HUDSON AVE_GT_3 23810	173.13 10.87 0.00	166.69 10.76 0.00	164.21 10.74 0.00	162.27 10.33 0.00	166.60 10.46 0.00	173.63 11.36 0.00	206.02 13.71 -14.24	216.18 15.12 -18.92	205.63 15.74 -15.00	198.94 16.59 -0.01	170.33 13.16 -0.45	167.00 12.07 -11.19	164.86 11.82 -8.92	164.87 11.35 -15.15	165.14 11.67 -16.17	164.99 12.39 -5.10	175.49 13.75 0.00	200.06 15.89 -1.49	196.21 15.25 -3.65	180.50 13.83 0.00	174.68 13.39 0.00	166.99 12.80 0.00	160.59 12.03 0.00	159.27 11.39 0.00
HUDSON AVE_GT_4 23540	173.13 10.87 0.00	166.69 10.76 0.00	164.21 10.74 0.00	162.27 10.33 0.00	166.60 10.46 0.00	173.63 11.36 0.00	206.02 13.71 -14.24	216.18 15.12 -18.92	205.63 15.74 -15.00	198.94 16.59 -0.01	170.33 13.16 -0.45	167.00 12.07 -11.19	164.86 11.82 -8.92	164.87 11.35 -15.15	165.14 11.67 -16.17	164.99 12.39 -5.10	175.49 13.75 0.00	200.06 15.89 -1.49	196.21 15.25 -3.65	180.50 13.83 0.00	174.68 13.39 0.00	166.99 12.80 0.00	160.59 12.03 0.00	159.27 11.39 0.00
HUDSON AVE_GT_5 23657	173.13 10.87 0.00	166.69 10.76 0.00	164.21 10.74 0.00	162.27 10.33 0.00	166.60 10.46 0.00	173.63 11.36 0.00	206.02 13.71 -14.24	216.18 15.12 -18.92	205.63 15.74 -15.00	198.94 16.59 -0.01	170.33 13.16 -0.45	167.00 12.07 -11.19	164.86 11.82 -8.92	164.87 11.35 -15.15	165.14 11.67 -16.17	164.99 12.39 -5.10	175.49 13.75 0.00	200.06 15.89 -1.49	196.21 15.25 -3.65	180.50 13.83 0.00	174.68 13.39 0.00	166.99 12.80 0.00	160.59 12.03 0.00	159.27 11.39 0.00
HUDSON_AVE_10 24168	172.48 10.22 0.00	166.07 10.14 0.00	163.59 10.13 0.00	161.51 9.57 0.00	165.98 9.84 0.00	172.98 10.71 0.00	205.31 13.00 -14.24	215.45 14.39 -18.92	205.11 15.22 -15.00	198.39 16.05 -0.01	169.86 12.69 -0.45	166.42 11.50 -11.19	164.42 11.39 -8.92	164.46 10.93 -15.15	164.59 11.12 -16.17	164.40 11.80 -5.10	174.84 13.10 0.00	199.33 15.16 -1.49	195.50 14.54 -3.65	179.83 13.17 0.00	174.03 12.74 0.00	166.37 12.18 0.00	160.14 11.59 0.00	158.82 10.94 0.00
HUDSON___115KV_TB 4 355613	172.00 9.74 0.00	165.13 9.20 0.00	162.21 8.75 0.00	160.75 8.81 0.00	165.35 9.21 0.00	172.17 9.90 0.00	220.80 10.86 -31.87	242.11 10.75 -49.22	219.13 10.67 -33.58	193.46 11.12 0.00	165.50 8.78 0.00	151.79 8.05 0.00	151.75 7.64 0.00	145.71 7.33 0.00	144.31 7.00 0.00	154.43 6.93 0.00	170.48 8.73 0.00	195.70 9.68 -3.34	194.88 9.40 -8.18	175.83 9.17 0.00	170.00 8.71 0.00	162.21 8.02 0.00	156.88 8.32 0.00	155.86 7.99 0.00
HUNTER MOUNT___DRP 323613	172.97 10.71 0.00	165.91 9.98 0.00	163.13 9.67 0.00	161.51 9.57 0.00	166.29 10.15 0.00	173.14 10.87 0.00	217.86 11.22 -28.57	236.75 11.11 -43.50	215.65 10.67 -30.10	193.82 11.49 0.00	165.81 9.09 0.00	151.79 8.05 0.00	151.90 7.78 0.00	145.71 7.33 0.00	144.31 7.00 0.00	154.87 7.37 0.00	171.12 9.38 0.00	195.72 10.05 -2.99	194.39 9.75 -7.33	176.83 10.17 0.00	170.81 9.52 0.00	162.98 8.79 0.00	157.77 9.21 0.00	156.60 8.72 0.00
HUNTINGTON_RES_REC 323705	184.33 12.50 -9.57	174.91 12.17 -6.81	167.51 12.43 -1.62	165.94 12.30 -1.70	169.52 11.86 -1.52	181.80 13.63 -5.90	219.85 16.73 -25.05	231.60 18.59 -30.88	215.28 18.19 -22.20	207.12 18.06 -6.73	179.73 13.31 -9.70	165.63 12.79 -9.10	165.19 12.24 -8.83	159.40 11.48 -9.55	158.82 11.81 -9.70	168.73 12.69 -8.54	185.79 14.24 -9.81	211.95 18.27 -11.01	206.25 17.73 -11.21	192.51 16.34 -9.50	185.38 15.16 -8.93	177.71 14.18 -9.34	169.86 13.38 -7.93	167.78 12.72 -7.18
HUNTLEY___63 23557	147.82 -14.44 0.00	142.21 -13.72 0.00	140.57 -12.89 0.00	138.87 -13.07 0.00	143.03 -13.12 0.00	149.29 -12.98 0.00	164.37 -16.03 -2.33	165.06 -19.67 -2.59	158.46 -18.89 -2.46	154.50 -19.33 8.51	139.17 -17.55 0.00	127.79 -15.96 0.00	127.97 -16.14 0.00	122.05 -16.33 0.00	121.38 -15.93 0.00	130.68 -16.81 0.00	141.69 -20.06 0.00	159.52 -23.38 -0.23	155.37 -22.52 -0.58	144.82 -21.83 0.02	140.63 -20.65 0.02	134.91 -19.27 0.01	130.14 -18.42 0.00	134.27 -13.60 0.00
HUNTLEY___64 23558	147.82 -14.44 0.00	142.21 -13.72 0.00	140.57 -12.89 0.00	138.87 -13.07 0.00	143.03 -13.12 0.00	149.29 -12.98 0.00	164.37 -16.03 -2.33	165.06 -19.67 -2.59	158.46 -18.89 -2.46	154.50 -19.33 8.51	139.17 -17.55 0.00	127.79 -15.96 0.00	127.97 -16.14 0.00	122.05 -16.33 0.00	121.38 -15.93 0.00	130.68 -16.81 0.00	141.69 -20.06 0.00	159.52 -23.38 -0.23	155.37 -22.52 -0.58	144.82 -21.83 0.02	140.63 -20.65 0.02	134.91 -19.27 0.01	130.14 -18.42 0.00	134.27 -13.60 0.00
HUNTLEY___65 23559	147.82 -14.44 0.00	142.21 -13.72 0.00	140.57 -12.89 0.00	138.87 -13.07 0.00	143.03 -13.12 0.00	149.29 -12.98 0.00	164.37 -16.03 -2.33	165.06 -19.67 -2.59	158.46 -18.89 -2.46	154.50 -19.33 8.51	139.17 -17.55 0.00	127.79 -15.96 0.00	127.97 -16.14 0.00	122.05 -16.33 0.00	121.38 -15.93 0.00	130.68 -16.81 0.00	141.69 -20.06 0.00	159.52 -23.38 -0.23	155.37 -22.52 -0.58	144.82 -21.83 0.02	140.63 -20.65 0.02	134.91 -19.27 0.01	130.14 -18.42 0.00	134.27 -13.60 0.00
HUNTLEY___66 23560	147.82 -14.44 0.00	142.21 -13.72 0.00	140.57 -12.89 0.00	138.87 -13.07 0.00	143.03 -13.12 0.00	149.29 -12.98 0.00	164.37 -16.03 -2.33	165.06 -19.67 -2.59	158.46 -18.89 -2.46	154.50 -19.33 8.51	139.17 -17.55 0.00	127.79 -15.96 0.00	127.97 -16.14 0.00	122.05 -16.33 0.00	121.38 -15.93 0.00	130.68 -16.81 0.00	141.69 -20.06 0.00	159.52 -23.38 -0.23	155.37 -22.52 -0.58	144.82 -21.83 0.02	140.63 -20.65 0.02	134.91 -19.27 0.01	130.14 -18.42 0.00	134.27 -13.60 0.00

HUNTLEY___67 23561	147.33 -14.93 0.00	141.74 -14.19 0.00	140.27 -13.20 0.00	138.57 -13.37 0.00	142.56 -13.58 0.00	148.97 -13.31 0.00	164.06 -16.38 -2.38	164.75 -20.04 -2.65	157.98 -19.41 -2.51	147.14 -19.51 15.68	138.85 -17.87 0.00	127.35 -16.39 0.00	127.69 -16.43 0.00	122.19 -16.19 0.00	121.65 -15.65 0.00	130.98 -16.52 0.00	142.01 -19.73 0.00	160.06 -22.83 -0.22	155.89 -21.99 -0.57	145.45 -21.17 0.05	141.10 -20.16 0.03	135.37 -18.81 0.01	130.58 -17.98 0.00	134.57 -13.31 0.00
HUNTLEY___68 23562	147.33 -14.93 0.00	141.74 -14.19 0.00	140.27 -13.20 0.00	138.57 -13.37 0.00	142.56 -13.58 0.00	148.97 -13.31 0.00	164.06 -16.38 -2.38	164.75 -20.04 -2.65	157.98 -19.41 -2.51	147.14 -19.51 15.68	138.85 -17.87 0.00	127.35 -16.39 0.00	127.69 -16.43 0.00	122.19 -16.19 0.00	121.65 -15.65 0.00	130.98 -16.52 0.00	142.01 -19.73 0.00	160.06 -22.83 -0.22	155.89 -21.99 -0.57	145.45 -21.17 0.05	141.10 -20.16 0.03	135.37 -18.81 0.01	130.58 -17.98 0.00	134.57 -13.31 0.00
HYLAND___LFGE 323620	161.94 -0.32 0.00	155.46 -0.47 0.00	153.31 -0.15 0.00	151.63 -0.30 0.00	156.46 0.31 0.00	164.54 2.27 0.00	183.71 3.02 -2.62	186.49 1.45 -2.91	177.99 0.35 -2.76	231.25 -0.73 -49.64	154.21 -2.51 0.00	140.87 -2.87 0.00	140.94 -3.17 0.00	134.78 -3.60 0.00	134.42 -2.89 0.00	146.02 -1.47 0.00	161.58 -0.16 0.00	183.83 0.92 -0.23	178.82 0.89 -0.62	166.26 -0.33 0.07	160.92 -0.32 0.04	153.26 -0.92 0.01	146.62 -1.94 0.00	148.77 0.89 0.00
INDECK___CORINTH 23802	174.44 12.18 0.00	167.47 11.54 0.00	164.05 10.58 0.00	162.88 10.95 0.00	167.53 11.39 0.00	174.77 12.50 0.00	254.93 14.96 -61.90	300.11 15.47 -102.50	255.14 15.04 -65.21	197.29 14.95 0.00	168.63 11.90 0.00	154.10 10.36 0.00	153.77 9.66 0.00	147.79 9.41 0.00	146.65 9.34 0.00	158.12 10.63 0.00	175.01 13.27 0.00	205.24 16.08 -6.48	208.80 15.61 -15.88	180.83 14.16 0.00	174.67 13.38 0.00	166.23 12.03 0.00	159.84 11.28 0.00	158.53 10.65 0.00
INDECK___ILION 23567	165.34 3.08 0.00	159.05 3.12 0.00	156.69 3.22 0.00	155.13 3.19 0.00	159.58 3.44 0.00	166.17 3.89 0.00	182.52 4.45 0.00	186.69 4.55 0.00	179.26 4.37 0.00	186.89 4.56 0.00	160.33 3.60 0.00	147.05 3.31 0.00	147.43 3.31 0.00	141.56 3.18 0.00	140.33 3.02 0.00	150.89 3.39 0.00	165.63 3.88 0.00	187.06 4.38 0.00	181.57 4.26 0.00	170.33 3.67 0.00	164.68 3.39 0.00	157.27 3.08 0.00	151.53 2.97 0.00	150.84 2.96 0.00
INDECK___OLEAN 23982	151.72 -10.54 0.00	145.80 -10.13 0.00	144.10 -9.37 0.00	142.21 -9.73 0.00	146.31 -9.83 0.00	153.03 -9.24 0.00	170.06 -10.87 -2.87	171.12 -14.21 -3.19	164.27 -13.64 -3.02	173.87 -5.10 3.36	143.87 -12.85 0.00	131.96 -11.78 0.00	132.45 -11.67 0.00	126.76 -11.62 0.00	125.77 -11.53 0.00	135.84 -11.66 0.00	148.32 -13.42 0.00	167.60 -15.34 -0.26	164.35 -13.65 -0.69	152.77 -13.83 0.06	148.19 -13.06 0.04	140.46 -13.72 0.01	135.33 -13.22 0.00	139.01 -8.87 0.00
INDECK___OSWEGO 23783	157.23 -5.03 0.00	151.26 -4.67 0.00	148.86 -4.60 0.00	147.38 -4.55 0.00	151.46 -4.68 0.00	158.05 -4.22 0.00	173.79 -4.28 0.00	177.59 -4.55 0.00	170.34 -4.55 0.00	177.42 -4.91 0.00	152.17 -4.55 0.00	139.43 -4.31 0.00	138.64 -5.48 0.00	132.84 -5.54 0.00	131.95 -5.36 0.00	141.74 -5.75 0.00	155.76 -5.98 0.00	176.28 -6.40 0.00	170.93 -6.38 0.00	160.50 -6.16 0.00	155.33 -5.96 0.00	148.17 -6.02 0.00	142.61 -5.95 0.00	142.26 -5.62 0.00
INDECK___YERKES 23781	147.98 -14.28 0.00	142.36 -13.57 0.00	140.73 -12.74 0.00	139.02 -12.92 0.00	143.03 -13.12 0.00	149.45 -12.82 0.00	164.55 -15.85 -2.33	164.88 -19.85 -2.59	158.45 -18.89 -2.46	155.05 -18.78 8.51	139.48 -17.24 0.00	127.93 -15.81 0.00	128.26 -15.85 0.00	121.91 -16.47 0.00	120.82 -16.48 0.00	130.54 -16.96 0.00	141.68 -20.06 0.00	159.88 -23.02 -0.23	155.19 -22.70 -0.58	144.82 -21.83 0.02	140.47 -20.81 0.02	134.60 -19.59 0.01	129.83 -18.72 0.00	134.13 -13.75 0.00
INDIAN POINT_GT_1 24139	171.67 9.41 0.00	165.13 9.20 0.00	162.67 9.21 0.00	160.75 8.81 0.00	165.20 9.06 0.00	172.17 9.90 0.00	204.09 11.93 -14.10	213.80 12.93 -18.73	203.20 13.47 -14.85	196.37 14.04 0.00	167.54 10.81 -0.01	153.92 9.92 -0.26	153.98 9.66 -0.20	148.00 9.27 -0.35	147.15 9.47 -0.37	157.64 10.03 -0.12	173.07 11.32 0.00	197.31 13.15 -1.48	193.52 12.59 -3.62	178.17 11.50 0.00	172.42 11.13 0.00	164.83 10.64 0.00	158.36 9.80 0.00	157.05 9.17 0.00
INDIAN POINT_GT_2 23659	171.67 9.41 0.00	165.13 9.20 0.00	162.67 9.21 0.00	160.75 8.81 0.00	165.20 9.06 0.00	172.17 9.90 0.00	204.09 11.93 -14.10	213.80 12.93 -18.73	203.20 13.47 -14.85	196.37 14.04 0.00	167.54 10.81 -0.01	153.92 9.92 -0.26	153.98 9.66 -0.20	148.00 9.27 -0.35	147.15 9.47 -0.37	157.64 10.03 -0.12	173.07 11.32 0.00	197.31 13.15 -1.48	193.52 12.59 -3.62	178.17 11.50 0.00	172.42 11.13 0.00	164.83 10.64 0.00	158.36 9.80 0.00	157.05 9.17 0.00
INDIAN POINT_GT_3 24019	171.67 9.41 0.00	165.13 9.20 0.00	162.67 9.21 0.00	160.75 8.81 0.00	165.20 9.06 0.00	172.17 9.90 0.00	204.09 11.93 -14.10	213.80 12.93 -18.73	203.20 13.47 -14.85	196.37 14.04 0.00	167.54 10.81 -0.01	153.92 9.92 -0.26	153.98 9.66 -0.20	148.00 9.27 -0.35	147.15 9.47 -0.37	157.64 10.03 -0.12	173.07 11.32 0.00	197.31 13.15 -1.48	193.52 12.59 -3.62	178.17 11.50 0.00	172.42 11.13 0.00	164.83 10.64 0.00	158.36 9.80 0.00	157.05 9.17 0.00
INDIAN POINT___2 23530	171.34 9.08 0.00	164.97 9.04 0.00	162.52 9.05 0.00	160.59 8.66 0.00	164.72 8.58 0.00	172.01 9.74 0.00	203.53 11.57 -13.90	213.15 12.56 -18.46	202.47 12.94 -14.64	195.83 13.49 0.00	167.07 10.34 -0.01	153.48 9.48 -0.25	153.55 9.23 -0.20	147.58 8.86 -0.34	146.59 8.92 -0.36	157.19 9.58 -0.11	172.42 10.67 0.00	196.56 12.43 -1.46	192.94 12.06 -3.57	177.66 11.00 0.00	171.93 10.64 0.00	164.36 10.17 0.00	158.07 9.52 0.00	156.75 8.87 0.00
INDIAN POINT___3 23531	171.51 9.25 0.00	164.97 9.04 0.00	162.52 9.05 0.00	160.60 8.66 0.00	165.04 8.90 0.00	172.01 9.74 0.00	203.92 11.75 -14.11	213.45 12.57 -18.74	202.69 12.94 -14.86	195.83 13.49 0.00	167.06 10.34 0.00	153.23 9.49 0.00	153.34 9.22 0.00	147.24 8.86 0.00	146.37 9.06 0.00	157.08 9.59 0.00	172.58 10.84 0.00	196.76 12.60 -1.48	192.99 12.06 -3.62	177.67 11.00 0.00	171.94 10.65 0.00	164.37 10.18 0.00	158.06 9.51 0.00	156.75 8.87 0.00
INGHAM_C_115KV_TB7 356103	167.94 5.68 0.00	161.70 5.77 0.00	159.30 5.83 0.00	157.71 5.77 0.00	162.23 6.09 0.00	169.09 6.82 0.00	185.72 7.66 0.00	189.79 7.65 0.00	182.06 7.17 0.00	189.99 7.66 0.00	162.99 6.27 0.00	149.63 5.89 0.00	149.88 5.76 0.00	143.78 5.40 0.00	142.66 5.35 0.00	153.25 5.75 0.00	168.05 6.31 0.00	189.98 7.31 0.00	184.05 6.74 0.00	172.67 6.00 0.00	166.94 5.65 0.00	159.28 5.09 0.00	153.61 5.05 0.00	152.91 5.03 0.00
IP CORINTH___1 23988	174.43 12.17 0.00	167.47 11.54 0.00	164.05 10.59 0.00	162.88 10.94 0.00	167.70 11.55 0.00	174.77 12.49 0.00	254.92 14.96 -61.90	300.12 15.48 -102.50	255.14 15.04 -65.21	197.29 14.95 0.00	168.63 11.91 0.00	154.09 10.35 0.00	153.77 9.66 0.00	147.79 9.41 0.00	146.64 9.34 0.00	158.12 10.62 0.00	175.17 13.42 0.00	205.23 16.08 -6.48	208.79 15.60 -15.88	180.83 14.17 0.00	174.68 13.39 0.00	166.22 12.03 0.00	159.85 11.29 0.00	158.53 10.65 0.00

IP___TICONDEROGA 23804	181.57 19.31 0.00	174.33 18.40 0.00	170.19 16.73 0.00	169.10 17.17 0.00	174.25 18.11 0.00	181.58 19.31 0.00	262.78 23.33 -61.39	308.31 24.59 -101.59	263.17 23.61 -64.67	205.86 23.52 0.00	175.53 18.81 0.00	160.13 16.39 0.00	159.25 15.13 0.00	152.91 14.53 0.00	151.86 14.55 0.00	164.31 16.81 0.00	182.77 21.03 0.00	214.31 25.21 -6.43	217.71 24.65 -15.75	189.00 22.33 0.00	182.26 20.97 0.00	173.16 18.97 0.00	166.23 17.68 0.00	164.74 16.86 0.00
ISLIP_RES_REC 323679	187.53 15.25 -10.02	177.88 14.82 -7.13	170.21 15.05 -1.70	168.77 15.05 -1.79	172.41 14.67 -1.59	185.32 16.88 -6.17	223.91 20.29 -25.56	236.15 22.58 -31.43	219.46 22.04 -22.54	211.07 21.69 -7.05	183.01 16.15 -10.15	168.77 15.53 -9.50	168.19 14.85 -9.23	162.18 13.84 -9.97	161.85 14.41 -10.13	171.77 15.34 -8.93	188.99 16.98 -10.27	216.41 22.28 -11.46	210.50 21.62 -11.56	196.44 19.82 -9.95	189.18 18.54 -9.35	181.23 17.27 -9.78	173.19 16.34 -8.30	171.06 15.67 -7.51
JAMAICA__27_KV_LOAD 355505	172.97 10.71 0.00	166.53 10.60 0.00	164.05 10.59 0.00	161.81 9.88 0.00	166.14 9.99 0.00	173.31 11.03 0.00	206.20 13.89 -14.24	216.54 15.48 -18.92	206.15 16.26 -15.00	199.67 17.32 -0.01	170.80 13.63 -0.45	166.86 11.93 -11.19	165.14 12.11 -8.92	165.29 11.76 -15.15	165.42 11.95 -16.17	165.43 12.83 -5.10	175.33 13.59 0.00	200.06 15.89 -1.49	196.21 15.25 -3.65	180.67 14.00 0.00	174.68 13.39 0.00	166.99 12.80 0.00	161.04 12.48 0.00	159.56 11.68 0.00
JANIS___SOLAR 323808	168.09 5.83 0.00	162.17 6.24 0.00	159.76 6.29 0.00	158.17 6.23 0.00	162.85 6.71 0.00	171.03 8.76 0.00	194.51 11.22 -5.22	200.64 11.11 -7.39	189.82 9.44 -5.50	195.11 9.48 -3.30	162.83 6.11 0.00	149.20 5.46 0.00	149.89 5.77 0.00	143.64 5.26 0.00	142.65 5.35 0.00	154.43 6.93 0.00	170.80 9.05 0.00	195.00 11.70 -0.62	190.45 11.70 -1.44	176.45 9.66 -0.12	170.56 9.19 -0.08	162.07 7.86 -0.02	155.25 6.69 0.00	155.27 7.39 0.00
JARVIS____ 23743	163.08 0.82 0.00	156.87 0.94 0.00	154.39 0.93 0.00	152.85 0.92 0.00	157.08 0.94 0.00	163.56 1.29 0.00	179.66 1.60 0.00	183.77 1.64 0.00	176.46 1.57 0.00	183.97 1.64 0.00	157.97 1.25 0.00	144.88 1.14 0.00	145.26 1.15 0.00	139.48 1.10 0.00	138.40 1.09 0.00	148.54 1.04 0.00	163.20 1.45 0.00	184.32 1.64 0.00	178.90 1.59 0.00	167.99 1.33 0.00	162.57 1.28 0.00	155.28 1.09 0.00	149.74 1.18 0.00	149.06 1.18 0.00
JENNISON___1 23625	169.40 7.14 0.00	163.26 7.33 0.00	160.98 7.52 0.00	159.38 7.44 0.00	164.11 7.96 0.00	172.17 9.90 0.00	198.17 12.29 -7.82	205.80 12.39 -11.28	194.14 11.02 -8.23	194.19 11.85 0.00	165.18 8.46 0.00	151.36 7.62 0.00	151.75 7.64 0.00	145.57 7.20 0.00	144.45 7.14 0.00	155.90 8.41 0.00	172.10 10.35 0.00	196.48 12.97 -0.84	191.93 12.59 -2.03	177.36 10.67 -0.03	171.31 10.00 -0.02	162.98 8.79 0.00	156.13 7.58 0.00	156.31 8.43 0.00
JENNISON___2 23626	169.40 7.14 0.00	163.26 7.33 0.00	160.98 7.52 0.00	159.38 7.44 0.00	164.11 7.96 0.00	172.17 9.90 0.00	198.17 12.29 -7.82	205.80 12.39 -11.28	194.14 11.02 -8.23	194.19 11.85 0.00	165.18 8.46 0.00	151.36 7.62 0.00	151.75 7.64 0.00	145.57 7.20 0.00	144.45 7.14 0.00	155.90 8.41 0.00	172.10 10.35 0.00	196.48 12.97 -0.84	191.93 12.59 -2.03	177.36 10.67 -0.03	171.31 10.00 -0.02	162.98 8.79 0.00	156.13 7.58 0.00	156.31 8.43 0.00
JERICHO_RISE_WT_PWR 323719	161.94 -0.32 0.00	155.15 -0.78 0.00	152.55 -0.92 0.00	151.03 -0.91 0.00	155.21 -0.93 0.00	159.67 -2.60 0.00	173.98 -4.09 0.00	178.67 -3.47 0.00	171.21 -3.68 0.00	178.50 -3.84 0.00	154.68 -2.04 0.00	141.73 -2.01 0.00	142.82 -1.30 0.00	136.86 -1.52 0.00	135.80 -1.51 0.00	145.73 -1.76 0.00	159.15 -2.59 0.00	179.20 -3.48 0.00	174.12 -3.19 0.00	163.83 -2.83 0.00	158.39 -2.90 0.00	152.03 -2.16 0.00	147.22 -1.34 0.00	147.00 -0.88 0.00
KATONAH___115KV_46KV_TB4 355592	173.30 11.03 0.00	166.53 10.60 0.00	164.21 10.74 0.00	162.27 10.33 0.00	166.76 10.62 0.00	173.96 11.68 0.00	206.76 14.25 -14.45	217.01 15.66 -19.21	205.85 15.74 -15.22	198.74 16.41 0.00	170.04 13.32 0.00	155.81 12.07 0.00	156.08 11.96 0.00	149.73 11.35 0.00	148.84 11.53 0.00	159.89 12.39 0.00	175.65 13.91 0.00	200.08 15.89 -1.51	196.26 15.25 -3.71	180.67 14.00 0.00	174.84 13.55 0.00	167.14 12.95 0.00	160.59 12.03 0.00	159.12 11.24 0.00
KCE_NY_1 323755	173.13 10.87 0.00	166.38 10.45 0.00	163.14 9.67 0.00	161.81 9.87 0.00	166.29 10.14 0.00	173.46 11.19 0.00	251.91 13.18 -60.67	295.73 13.29 -100.30	251.74 12.94 -63.91	195.09 12.76 0.00	166.90 10.18 0.00	152.80 9.06 0.00	152.76 8.65 0.00	146.68 8.30 0.00	145.54 8.24 0.00	156.80 9.30 0.00	173.23 11.49 0.00	202.74 13.71 -6.35	206.18 13.30 -15.56	178.67 12.01 0.00	172.74 11.45 0.00	164.82 10.63 0.00	158.51 9.95 0.00	157.49 9.61 0.00
KCE_NY_6_ESR 323823	149.12 -13.14 0.00	143.45 -12.48 0.00	141.79 -11.67 0.00	139.93 -12.01 0.00	144.12 -12.02 0.00	150.59 -11.69 0.00	166.31 -14.25 -2.50	166.88 -18.03 -2.77	160.39 -17.13 -2.63	152.11 -15.13 15.10	140.73 -15.99 0.00	129.23 -14.51 0.00	129.56 -14.55 0.00	123.85 -14.53 0.00	122.89 -14.42 0.00	132.75 -14.75 0.00	144.27 -17.47 0.00	163.00 -19.91 -0.23	158.59 -19.32 -0.60	147.95 -18.66 0.05	143.52 -17.74 0.03	137.06 -17.12 0.01	132.21 -16.34 0.00	136.34 -11.53 0.00
KEDC_PORT_JEFF_GT2 24210	184.91 13.31 -9.34	175.51 12.94 -6.65	168.38 13.34 -1.58	167.11 13.52 -1.66	170.43 12.81 -1.48	182.79 14.76 -5.76	220.83 17.98 -24.79	232.76 20.04 -30.59	216.50 19.58 -22.02	208.04 19.14 -6.57	180.29 14.11 -9.46	166.43 13.80 -8.88	165.99 13.25 -8.62	160.02 12.31 -9.33	159.69 12.90 -9.48	169.40 13.56 -8.34	186.18 14.87 -9.57	213.19 19.74 -10.78	207.49 19.16 -11.03	193.60 17.66 -9.27	186.47 16.46 -8.72	178.57 15.27 -9.11	170.86 14.57 -7.73	168.78 13.90 -7.00
KEDC_PORT_JEFF_GT3 24211	184.91 13.31 -9.34	175.51 12.94 -6.65	168.38 13.34 -1.58	167.11 13.52 -1.66	170.43 12.81 -1.48	182.79 14.76 -5.76	220.83 17.98 -24.79	232.76 20.04 -30.59	216.50 19.58 -22.02	208.04 19.14 -6.57	180.29 14.11 -9.46	166.43 13.80 -8.88	165.99 13.25 -8.62	160.02 12.31 -9.33	159.69 12.90 -9.48	169.40 13.56 -8.34	186.18 14.87 -9.57	213.19 19.74 -10.78	207.49 19.16 -11.03	193.60 17.66 -9.27	186.47 16.46 -8.72	178.57 15.27 -9.11	170.86 14.57 -7.73	168.78 13.90 -7.00
KEDC_GLWD_GT4 24219	213.17 12.99 -37.92	195.55 12.62 -27.00	172.67 12.59 -6.62	171.06 12.16 -6.97	174.54 12.19 -6.21	199.29 13.63 -23.38	250.05 14.96 -57.02	264.56 16.20 -66.22	234.79 16.43 -43.47	227.25 18.23 -26.68	209.50 14.41 -38.37	192.05 13.37 -34.94	191.20 12.98 -34.11	187.16 12.46 -36.32	186.64 12.49 -36.84	194.27 13.42 -33.35	215.48 14.87 -38.86	238.10 16.25 -39.17	226.64 15.78 -33.56	218.77 14.49 -37.61	211.47 14.83 -35.35	205.33 14.18 -36.96	193.18 13.22 -31.41	188.89 12.56 -28.45
KEDC_GLWD_GT5 24220	213.17 12.99 -37.92	195.55 12.62 -27.00	172.67 12.59 -6.62	171.06 12.16 -6.97	174.54 12.19 -6.21	199.29 13.63 -23.38	250.05 14.96 -57.02	264.56 16.20 -66.22	234.79 16.43 -43.47	227.25 18.23 -26.68	209.50 14.41 -38.37	192.05 13.37 -34.94	191.20 12.98 -34.11	187.16 12.46 -36.32	186.64 12.49 -36.84	194.27 13.42 -33.35	215.48 14.87 -38.86	238.10 16.25 -39.17	226.64 15.78 -33.56	218.77 14.49 -37.61	211.47 14.83 -35.35	205.33 14.18 -36.96	193.18 13.22 -31.41	188.89 12.56 -28.45

KENSICO____ 23655	172.16 9.90 0.00	165.60 9.67 0.00	163.29 9.82 0.00	161.36 9.42 0.00	165.82 9.68 0.00	172.66 10.39 0.00	204.92 12.64 -14.21	214.68 13.66 -18.89	203.85 13.99 -14.97	197.10 14.77 0.00	168.17 11.44 -0.01	154.70 10.64 -0.32	154.75 10.38 -0.26	148.64 9.82 -0.44	147.93 10.16 -0.46	158.41 10.77 -0.15	173.87 12.13 0.00	198.23 14.07 -1.49	194.43 13.48 -3.65	178.83 12.17 0.00	173.06 11.77 0.00	165.45 11.26 0.00	158.96 10.40 0.00	157.79 9.91 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	173.46 11.20 0.00	166.69 10.76 0.00	164.36 10.90 0.00	162.27 10.33 0.00	166.76 10.62 0.00	173.96 11.68 0.00	206.97 14.07 -14.84	216.96 14.57 -20.26	205.03 14.52 -15.63	197.10 14.77 0.00	168.00 11.28 0.00	153.95 10.21 0.00	154.06 9.94 0.00	147.65 9.27 0.00	146.92 9.61 0.00	158.12 10.62 0.00	174.04 12.29 0.00	198.84 14.61 -1.55	195.12 14.01 -3.81	179.50 12.83 0.00	173.87 12.58 0.00	165.91 11.72 0.00	159.40 10.84 0.00	158.08 10.20 0.00
KIAC_JFK_GT1 23816	171.84 9.57 0.00	165.44 9.51 0.00	162.98 9.51 0.00	160.75 8.81 0.00	165.20 9.06 0.00	172.17 9.90 0.00	204.77 12.46 -14.24	215.27 14.21 -18.92	204.93 15.04 -15.00	198.39 16.05 -0.01	169.71 12.54 -0.45	165.85 10.92 -11.19	164.14 11.10 -8.92	164.46 10.93 -15.15	164.59 11.12 -16.17	164.40 11.80 -5.10	174.20 12.45 0.00	198.60 14.43 -1.49	194.97 14.01 -3.65	179.33 12.67 0.00	173.55 12.26 0.00	165.91 11.72 0.00	160.00 11.44 0.00	158.53 10.65 0.00
KIAC_JFK_GT2 23817	171.84 9.57 0.00	165.44 9.51 0.00	162.98 9.51 0.00	160.75 8.81 0.00	165.20 9.06 0.00	172.17 9.90 0.00	204.77 12.46 -14.24	215.27 14.21 -18.92	204.93 15.04 -15.00	198.39 16.05 -0.01	169.71 12.54 -0.45	165.85 10.92 -11.19	164.14 11.10 -8.92	164.46 10.93 -15.15	164.59 11.12 -16.17	164.40 11.80 -5.10	174.20 12.45 0.00	198.60 14.43 -1.49	194.97 14.01 -3.65	179.33 12.67 0.00	173.55 12.26 0.00	165.91 11.72 0.00	160.00 11.44 0.00	158.53 10.65 0.00
KIAC_JFK____ 323774	171.83 9.57 0.00	165.44 9.51 0.00	162.98 9.52 0.00	160.75 8.81 0.00	164.72 8.58 0.00	172.34 10.06 0.00	204.77 12.46 -14.24	215.28 14.22 -18.92	204.93 15.04 -15.00	198.20 15.86 -0.01	169.71 12.54 -0.45	165.84 10.92 -11.19	164.14 11.10 -8.92	164.46 10.93 -15.15	164.46 10.99 -16.17	164.40 11.80 -5.10	174.03 12.29 0.00	198.43 14.26 -1.49	194.97 14.00 -3.65	179.33 12.66 0.00	173.39 12.10 0.00	165.90 11.71 0.00	160.88 12.32 0.00	158.53 10.65 0.00
KINTIGH____ 23543	148.79 -13.47 0.00	143.30 -12.63 0.00	141.49 -11.97 0.00	140.09 -11.85 0.00	144.12 -12.02 0.00	150.59 -11.68 0.00	165.66 -14.42 -2.02	166.90 -17.49 -2.25	160.05 -16.96 -2.13	153.61 -19.69 9.04	141.05 -15.67 0.00	129.37 -14.37 0.00	129.70 -14.41 0.00	124.13 -14.25 0.00	123.57 -13.73 0.00	132.90 -14.60 0.00	144.44 -17.31 0.00	162.77 -20.09 -0.19	158.11 -19.68 -0.49	147.45 -19.17 0.05	143.20 -18.06 0.03	137.69 -16.50 0.01	132.66 -15.90 0.00	135.90 -11.98 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	164.86 2.60 0.00	157.80 1.87 0.00	155.15 1.69 0.00	153.61 1.67 0.00	157.55 1.41 0.00	162.76 0.49 0.00	176.64 -1.42 0.00	181.59 -0.55 0.00	173.84 -1.05 0.00	181.24 -1.09 0.00	156.88 0.16 0.00	143.74 0.00 0.00	144.69 0.58 0.00	138.66 0.28 0.00	137.58 0.27 0.00	147.50 0.00 0.00	161.10 -0.65 0.00	181.58 -1.10 0.00	176.60 -0.71 0.00	166.17 -0.50 0.00	160.81 -0.48 0.00	154.19 0.00 0.00	149.30 0.74 0.00	149.80 1.92 0.00
LACHUTE____HYDRO 323717	181.56 19.30 0.00	174.32 18.39 0.00	170.19 16.73 0.00	169.10 17.16 0.00	174.09 17.95 0.00	181.74 19.46 0.00	262.77 23.32 -61.39	308.14 24.41 -101.59	263.16 23.60 -64.67	205.87 23.53 0.00	175.52 18.80 0.00	160.12 16.38 0.00	159.24 15.13 0.00	152.90 14.53 0.00	151.85 14.55 0.00	164.31 16.81 0.00	182.76 21.02 0.00	214.32 25.22 -6.43	217.70 24.64 -15.75	189.01 22.34 0.00	182.25 20.96 0.00	173.15 18.96 0.00	166.23 17.67 0.00	164.73 16.85 0.00
LAWRNCV_115KV_TB1 80681	161.61 -0.65 0.00	154.99 -0.94 0.00	152.54 -0.92 0.00	151.02 -0.91 0.00	154.42 -1.72 0.00	158.70 -3.57 0.00	172.01 -6.05 0.00	176.85 -5.28 0.00	169.12 -5.77 0.00	176.32 -6.02 0.00	153.43 -3.29 0.00	140.43 -3.31 0.00	141.52 -2.59 0.00	135.75 -2.63 0.00	134.56 -2.75 0.00	143.66 -3.83 0.00	156.89 -4.85 0.00	177.38 -5.30 0.00	172.52 -4.79 0.00	162.50 -4.17 0.00	157.10 -4.19 0.00	151.57 -2.62 0.00	147.37 -1.19 0.00	146.84 -1.04 0.00
LEDERLE____ 23769	171.84 9.57 0.00	165.29 9.36 0.00	162.83 9.36 0.00	160.90 8.96 0.00	165.35 9.21 0.00	172.33 10.06 0.00	203.87 12.11 -13.70	213.26 12.93 -18.19	202.78 13.47 -14.43	196.37 14.04 0.00	167.22 10.50 0.00	153.37 9.63 0.00	153.48 9.37 0.00	147.37 8.99 0.00	146.50 9.20 0.00	157.23 9.73 0.00	172.74 11.00 0.00	196.90 12.79 -1.43	193.06 12.23 -3.51	177.83 11.17 0.00	172.10 10.81 0.00	164.52 10.33 0.00	158.06 9.51 0.00	156.75 8.87 0.00
LIGHTHSE_115KV_TB6 355974	159.99 -2.27 0.00	153.90 -2.03 0.00	151.62 -1.84 0.00	149.81 -2.13 0.00	154.11 -2.03 0.00	160.97 -1.30 0.00	177.35 -0.71 0.00	181.41 -0.73 0.00	173.84 -1.05 0.00	180.69 -1.64 0.00	154.84 -1.88 0.00	141.73 -2.01 0.00	141.95 -2.16 0.00	136.16 -2.21 0.00	135.25 -2.06 0.00	145.58 -1.92 0.00	160.29 -1.46 0.00	181.58 -1.10 0.00	176.42 -0.89 0.00	165.17 -1.50 0.00	159.68 -1.61 0.00	152.19 -2.00 0.00	146.33 -2.23 0.00	145.96 -1.92 0.00
LINDEN COGEN____ 23786	168.53 9.57 3.31	162.05 9.51 3.39	159.50 9.52 3.49	157.73 8.96 3.17	161.68 8.90 3.36	169.04 10.06 3.29	201.59 12.11 -11.42	203.31 13.48 -7.69	193.69 14.16 -4.64	191.92 14.76 5.18	168.93 11.76 -0.45	165.71 10.79 -11.19	163.55 10.51 -8.92	163.62 10.10 -15.15	163.63 10.16 -16.17	163.51 10.91 -5.10	169.67 11.97 4.04	187.70 14.07 9.05	184.01 13.65 6.95	170.83 12.33 8.17	165.02 11.77 8.04	165.76 11.57 0.00	159.26 10.70 0.00	157.52 10.06 0.42
LINDHRST_69_KV_BK1 356055	196.79 15.41 -19.11	184.51 14.97 -13.61	172.23 15.04 -3.72	170.59 14.74 -3.92	174.62 14.99 -3.49	190.44 16.39 -11.78	233.64 19.77 -35.81	246.58 21.67 -42.77	225.58 21.34 -29.36	217.11 21.33 -13.45	192.36 16.30 -19.34	176.77 15.24 -17.79	176.15 14.70 -17.34	170.91 13.98 -18.56	170.83 14.69 -18.84	179.73 15.34 -16.89	198.96 17.63 -19.59	224.72 21.56 -20.49	216.79 20.75 -18.73	204.63 19.00 -18.96	197.02 17.90 -17.82	189.94 17.12 -18.64	180.28 15.90 -15.83	177.45 15.23 -14.34
LIPA_MISC_IPP 23656	185.73 14.44 -9.03	176.39 14.03 -6.43	169.10 14.12 -1.52	168.27 14.74 -1.60	172.40 14.83 -1.43	184.23 16.39 -5.57	222.28 19.77 -24.45	234.20 21.86 -30.20	218.02 21.34 -21.80	209.66 20.97 -6.35	181.23 15.36 -9.15	167.15 14.81 -8.61	166.59 14.12 -8.35	160.29 12.87 -9.04	160.91 14.42 -9.19	170.47 14.90 -8.07	188.47 17.47 -9.26	214.89 21.74 -10.48	208.84 20.75 -10.79	194.97 19.33 -8.97	187.95 18.23 -8.43	180.89 17.89 -8.82	172.23 16.19 -7.48	169.88 15.23 -6.77
LISF__SOLAR 323691	186.17 14.76 -9.15	176.78 14.34 -6.51	169.43 14.42 -1.54	168.60 15.05 -1.62	172.26 14.67 -1.45	184.79 16.88 -5.64	222.93 20.29 -24.58	234.88 22.40 -30.35	218.63 21.86 -21.88	210.09 21.32 -6.44	181.36 15.37 -9.27	167.54 15.09 -8.71	166.98 14.41 -8.46	160.53 13.00 -9.15	160.62 14.01 -9.30	170.72 15.05 -8.17	187.45 16.33 -9.38	215.18 21.91 -10.59	209.46 21.27 -10.88	195.58 19.82 -9.09	188.21 18.38 -8.54	180.39 17.27 -8.93	172.47 16.34 -7.58	170.41 15.67 -6.86

LITTLE FALLS___HYD 24013	167.94 5.68 0.00	161.70 5.77 0.00	159.30 5.83 0.00	157.71 5.77 0.00	162.23 6.09 0.00	169.09 6.82 0.00	185.72 7.66 0.00	189.79 7.65 0.00	182.06 7.17 0.00	189.99 7.66 0.00	162.99 6.27 0.00	149.63 5.89 0.00	149.88 5.76 0.00	143.78 5.40 0.00	142.66 5.35 0.00	153.25 5.75 0.00	168.05 6.31 0.00	189.98 7.31 0.00	184.05 6.74 0.00	172.67 6.00 0.00	166.94 5.65 0.00	159.28 5.09 0.00	153.61 5.05 0.00	152.91 5.03 0.00
LITTLRIV_115KV_TB1 356100	163.40 1.14 0.00	156.87 0.94 0.00	154.23 0.77 0.00	152.85 0.91 0.00	156.30 0.16 0.00	160.65 -1.62 0.00	174.50 -3.56 0.00	179.40 -2.73 0.00	171.56 -3.32 0.00	178.69 -3.65 0.00	155.31 -1.41 0.00	142.16 -1.58 0.00	143.25 -0.86 0.00	137.41 -0.97 0.00	136.21 -1.10 0.00	145.58 -1.92 0.00	159.16 -2.59 0.00	180.12 -2.56 0.00	175.36 -1.95 0.00	164.83 -1.83 0.00	159.35 -1.94 0.00	153.73 -0.46 0.00	149.15 0.59 0.00	148.77 0.89 0.00
LI_NEWBRDGE___DRP 323616	177.80 12.82 -2.72	170.50 12.63 -1.94	166.58 12.74 -0.38	164.64 12.31 -0.40	169.14 12.65 -0.35	177.42 13.47 -1.68	211.78 16.38 -17.33	222.14 17.67 -22.34	209.61 17.66 -17.06	202.12 17.87 -1.91	173.12 13.63 -2.77	159.39 12.79 -2.86	159.23 12.39 -2.73	153.36 11.90 -3.08	152.67 12.22 -3.15	163.03 12.98 -2.55	179.09 14.56 -2.79	204.06 17.17 -4.21	199.61 16.49 -5.81	184.55 15.17 -2.72	178.20 14.35 -2.55	170.58 13.72 -2.67	164.03 13.22 -2.25	162.64 12.72 -2.04
LOCKPORT_115KV_TB60_63_64 80432	145.71 -16.55 0.00	140.18 -15.75 0.00	138.58 -14.89 0.00	136.89 -15.04 0.00	141.00 -15.15 0.00	147.34 -14.93 0.00	161.94 -18.34 -2.22	162.56 -22.04 -2.47	156.06 -21.16 -2.34	161.30 -22.43 -1.39	137.29 -19.43 0.00	125.92 -17.82 0.00	126.10 -18.01 0.00	120.53 -17.85 0.00	120.00 -17.30 0.00	129.36 -18.14 0.00	140.23 -21.51 0.00	157.89 -25.03 -0.24	153.61 -24.29 -0.59	143.21 -23.50 -0.04	139.04 -22.26 -0.01	133.52 -20.66 0.01	128.80 -19.76 0.00	132.80 -15.08 0.00
LOCKPORT___CC1 323769	145.06 -17.20 0.00	139.56 -16.37 0.00	137.97 -15.49 0.00	136.29 -15.65 0.00	140.38 -15.76 0.00	146.69 -15.58 0.00	161.25 -19.05 -2.24	161.49 -23.13 -2.49	155.21 -22.04 -2.36	96.53 -22.80 63.01	136.50 -20.22 0.00	125.34 -18.40 0.00	125.67 -18.45 0.00	119.97 -18.40 0.00	119.18 -18.13 0.00	128.76 -18.73 0.00	139.75 -22.00 0.00	157.38 -25.39 -0.09	152.46 -25.18 -0.33	142.27 -24.00 0.40	138.21 -22.90 0.18	132.76 -21.43 0.01	128.05 -20.50 0.00	132.35 -15.53 0.00
LOCKPORT___CC2 323770	145.06 -17.20 0.00	139.56 -16.37 0.00	137.97 -15.49 0.00	136.29 -15.65 0.00	140.38 -15.76 0.00	146.69 -15.58 0.00	161.25 -19.05 -2.24	161.49 -23.13 -2.49	155.21 -22.04 -2.36	96.53 -22.80 63.01	136.50 -20.22 0.00	125.34 -18.40 0.00	125.67 -18.45 0.00	119.97 -18.40 0.00	119.18 -18.13 0.00	128.76 -18.73 0.00	139.75 -22.00 0.00	157.38 -25.39 -0.09	152.46 -25.18 -0.33	142.27 -24.00 0.40	138.21 -22.90 0.18	132.76 -21.43 0.01	128.05 -20.50 0.00	132.35 -15.53 0.00
LOCKPORT___CC3 323771	145.06 -17.20 0.00	139.56 -16.37 0.00	137.97 -15.49 0.00	136.29 -15.65 0.00	140.38 -15.76 0.00	146.69 -15.58 0.00	161.25 -19.05 -2.24	161.49 -23.13 -2.49	155.21 -22.04 -2.36	96.53 -22.80 63.01	136.50 -20.22 0.00	125.34 -18.40 0.00	125.67 -18.45 0.00	119.97 -18.40 0.00	119.18 -18.13 0.00	128.76 -18.73 0.00	139.75 -22.00 0.00	157.38 -25.39 -0.09	152.46 -25.18 -0.33	142.27 -24.00 0.40	138.21 -22.90 0.18	132.76 -21.43 0.01	128.05 -20.50 0.00	132.35 -15.53 0.00
LONG_LAKE_PHOENIX 24014	158.04 -4.22 0.00	152.03 -3.90 0.00	149.63 -3.84 0.00	148.14 -3.80 0.00	152.39 -3.75 0.00	159.03 -3.25 0.00	174.86 -3.21 0.00	178.68 -3.46 0.00	171.39 -3.50 0.00	178.32 -4.01 0.00	152.96 -3.76 0.00	140.15 -3.59 0.00	140.22 -3.89 0.00	134.64 -3.74 0.00	133.74 -3.57 0.00	143.66 -3.83 0.00	157.86 -3.88 0.00	178.47 -4.20 0.00	173.23 -4.08 0.00	162.50 -4.17 0.00	157.26 -4.03 0.00	150.18 -4.01 0.00	144.40 -4.16 0.00	144.18 -3.70 0.00
LOVETT___3 23632	171.02 8.76 0.00	164.51 8.58 0.00	162.21 8.75 0.00	160.29 8.36 0.00	164.57 8.43 0.00	171.52 9.25 0.00	203.03 11.22 -13.75	212.42 12.02 -18.26	201.79 12.42 -14.48	195.28 12.95 0.00	166.28 9.56 0.00	152.51 8.77 0.00	152.62 8.50 0.00	146.54 8.16 0.00	145.68 8.38 0.00	156.35 8.85 0.00	171.77 10.03 0.00	195.81 11.69 -1.44	192.01 11.17 -3.53	176.83 10.17 0.00	171.13 9.84 0.00	163.60 9.41 0.00	157.32 8.76 0.00	156.01 8.13 0.00
LOVETT___4 23642	171.02 8.76 0.00	164.51 8.58 0.00	162.21 8.75 0.00	160.29 8.36 0.00	164.57 8.43 0.00	171.52 9.25 0.00	203.03 11.22 -13.75	212.42 12.02 -18.26	201.79 12.42 -14.48	195.28 12.95 0.00	166.28 9.56 0.00	152.51 8.77 0.00	152.62 8.50 0.00	146.54 8.16 0.00	145.68 8.38 0.00	156.35 8.85 0.00	171.77 10.03 0.00	195.81 11.69 -1.44	192.01 11.17 -3.53	176.83 10.17 0.00	171.13 9.84 0.00	163.60 9.41 0.00	157.32 8.76 0.00	156.01 8.13 0.00
LOVETT___5 23593	171.02 8.76 0.00	164.51 8.58 0.00	162.21 8.75 0.00	160.29 8.36 0.00	164.57 8.43 0.00	171.52 9.25 0.00	203.03 11.22 -13.75	212.42 12.02 -18.26	201.79 12.42 -14.48	195.28 12.95 0.00	166.28 9.56 0.00	152.51 8.77 0.00	152.62 8.50 0.00	146.54 8.16 0.00	145.68 8.38 0.00	156.35 8.85 0.00	171.77 10.03 0.00	195.81 11.69 -1.44	192.01 11.17 -3.53	176.83 10.17 0.00	171.13 9.84 0.00	163.60 9.41 0.00	157.32 8.76 0.00	156.01 8.13 0.00
LOWER RAQUET___HYD 24057	161.45 -0.81 0.00	154.85 -1.08 0.00	152.40 -1.07 0.00	150.88 -1.06 0.00	154.58 -1.56 0.00	158.22 -4.05 0.00	171.30 -6.77 0.00	176.30 -5.84 0.00	168.60 -6.29 0.00	175.59 -6.74 0.00	152.96 -3.76 0.00	140.00 -3.74 0.00	141.23 -2.88 0.00	135.33 -3.04 0.00	134.28 -3.02 0.00	143.08 -4.42 0.00	156.56 -5.18 0.00	176.82 -5.85 0.00	172.00 -5.31 0.00	162.00 -4.67 0.00	156.61 -4.68 0.00	151.42 -2.77 0.00	147.22 -1.34 0.00	146.85 -1.03 0.00
LOWER___HUDSON 24059	170.69 8.43 0.00	163.72 7.79 0.00	160.83 7.37 0.00	159.53 7.59 0.00	164.10 7.96 0.00	171.19 8.92 0.00	240.31 10.14 -52.10	277.24 10.01 -85.09	239.56 9.79 -54.89	191.99 9.66 0.00	164.55 7.83 0.00	150.78 7.04 0.00	150.89 6.77 0.00	145.16 6.78 0.00	143.90 6.59 0.00	154.58 7.08 0.00	170.47 8.73 0.00	198.36 10.22 -5.46	200.60 9.92 -13.37	175.66 8.99 0.00	169.83 8.54 0.00	162.05 7.86 0.00	156.13 7.57 0.00	155.12 7.24 0.00
LOWVILLE_115KV_TB2 356335	163.24 0.97 0.00	157.18 1.25 0.00	154.69 1.23 0.00	153.15 1.22 0.00	157.55 1.41 0.00	164.38 2.11 0.00	181.09 3.03 0.00	185.78 3.64 0.00	177.34 2.45 0.00	184.34 2.01 0.00	158.13 1.41 0.00	144.60 0.86 0.00	146.28 2.16 0.00	140.32 1.94 0.00	139.36 2.06 0.00	150.01 2.51 0.00	165.30 3.56 0.00	187.97 5.30 0.00	182.45 5.14 0.00	170.67 4.00 0.00	164.68 3.39 0.00	156.04 1.85 0.00	151.23 2.67 0.00	150.69 2.81 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	172.97 10.71 0.00	166.22 10.29 0.00	162.98 9.51 0.00	161.66 9.72 0.00	166.45 10.31 0.00	173.31 11.03 0.00	251.73 13.00 -60.67	295.55 13.11 -100.30	251.56 12.77 -63.91	194.92 12.58 0.00	166.75 10.03 0.00	152.65 8.91 0.00	152.62 8.50 0.00	146.68 8.30 0.00	145.54 8.24 0.00	156.79 9.29 0.00	173.23 11.48 0.00	202.55 13.52 -6.35	205.99 13.12 -15.56	178.67 12.00 0.00	172.58 11.29 0.00	164.68 10.48 0.00	158.36 9.80 0.00	157.34 9.46 0.00

LUTHERNY_35_KV_BK2 355980	173.13 10.87 0.00	166.22 10.29 0.00	163.13 9.67 0.00	161.81 9.88 0.00	166.45 10.31 0.00	173.47 11.20 0.00	251.91 13.18 -60.67	295.74 13.30 -100.30	251.74 12.94 -63.91	195.10 12.76 0.00	166.91 10.19 0.00	152.80 9.06 0.00	152.76 8.65 0.00	146.68 8.30 0.00	145.68 8.38 0.00	156.79 9.29 0.00	173.39 11.65 0.00	202.73 13.70 -6.35	206.17 13.30 -15.56	178.83 12.17 0.00	172.74 11.45 0.00	164.83 10.64 0.00	158.51 9.95 0.00	157.49 9.61 0.00
LWR___OSWEGATCHIE_HYD 23850	161.61 -0.65 0.00	155.31 -0.62 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.21 -0.94 0.00	160.65 -1.62 0.00	175.39 -2.67 0.00	180.32 -1.82 0.00	172.26 -2.62 0.00	179.24 -3.10 0.00	154.84 -1.88 0.00	141.73 -2.01 0.00	142.96 -1.15 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	145.73 -1.77 0.00	160.13 -1.62 0.00	181.58 -1.10 0.00	176.42 -0.89 0.00	165.50 -1.17 0.00	159.84 -1.45 0.00	152.96 -1.23 0.00	148.41 -0.15 0.00	148.03 0.15 0.00
LYONS_FALL_HYD 23570	164.53 2.27 0.00	158.42 2.49 0.00	155.91 2.45 0.00	154.36 2.42 0.00	158.79 2.65 0.00	165.84 3.57 0.00	182.69 4.62 0.00	187.23 5.09 0.00	178.91 4.03 0.00	186.17 3.84 0.00	159.69 2.97 0.00	146.18 2.44 0.00	147.28 3.17 0.00	141.29 2.91 0.00	140.19 2.89 0.00	150.89 3.40 0.00	166.27 4.52 0.00	188.70 6.02 0.00	183.15 5.84 0.00	171.33 4.66 0.00	165.65 4.36 0.00	157.27 3.08 0.00	151.82 3.26 0.00	151.42 3.54 0.00
MADISON___COUNTY_LFGE 323628	166.32 4.06 0.00	160.14 4.21 0.00	157.76 4.30 0.00	156.19 4.25 0.00	160.83 4.68 0.00	168.11 5.84 0.00	185.37 7.30 0.00	189.60 7.47 0.00	181.53 6.65 0.00	189.08 6.75 0.00	161.89 5.17 0.00	148.20 4.46 0.00	148.58 4.47 0.00	142.53 4.15 0.00	141.42 4.12 0.00	152.22 4.72 0.00	167.57 5.82 0.00	189.80 7.12 0.00	184.23 6.92 0.00	172.33 5.67 0.00	166.61 5.32 0.00	158.82 4.63 0.00	152.72 4.16 0.00	152.32 4.44 0.00
MALONE___115KV_TB1 356076	164.05 1.78 0.00	157.18 1.25 0.00	154.39 0.92 0.00	153.00 1.06 0.00	156.77 0.62 0.00	161.62 -0.65 0.00	175.93 -2.14 0.00	181.04 -1.09 0.00	173.31 -1.57 0.00	180.69 -1.64 0.00	156.72 0.00 0.00	143.31 -0.43 0.00	144.40 0.29 0.00	138.38 0.00 0.00	137.17 -0.14 0.00	146.91 -0.59 0.00	160.29 -1.46 0.00	180.67 -2.01 0.00	176.07 -1.24 0.00	165.67 -1.00 0.00	160.32 -0.97 0.00	154.04 -0.15 0.00	149.30 0.74 0.00	148.91 1.04 0.00
MAPLEWOD_115KV_TB3 80458	169.40 7.14 0.00	162.79 6.86 0.00	159.91 6.45 0.00	158.47 6.53 0.00	163.17 7.03 0.00	169.90 7.63 0.00	230.82 8.73 -44.03	261.62 8.74 -70.74	229.84 8.57 -46.39	191.09 8.75 0.00	164.09 7.37 0.00	150.50 6.76 0.00	150.60 6.49 0.00	144.88 6.50 0.00	143.35 6.04 0.00	153.84 6.34 0.00	169.35 7.60 0.00	196.06 8.77 -4.61	196.94 8.33 -11.30	174.33 7.67 0.00	168.55 7.26 0.00	161.13 6.94 0.00	155.54 6.98 0.00	154.53 6.65 0.00
MAPLE_RIDGE_WT_1 323574	159.50 -2.76 0.00	153.28 -2.65 0.00	150.85 -2.61 0.00	149.50 -2.44 0.00	153.64 -2.50 0.00	158.38 -3.90 0.00	173.62 -4.44 0.00	177.96 -4.18 0.00	170.69 -4.20 0.00	178.15 -4.19 0.00	153.74 -2.98 0.00	141.16 -2.58 0.00	141.80 -2.31 0.00	136.31 -2.07 0.00	135.25 -2.06 0.00	145.43 -2.07 0.00	159.32 -2.42 0.00	179.75 -2.93 0.00	174.29 -3.02 0.00	163.83 -2.83 0.00	158.55 -2.74 0.00	151.88 -2.31 0.00	146.62 -1.94 0.00	145.95 -1.93 0.00
MAPLE_RIDGE_WT_2 323611	159.50 -2.76 0.00	153.28 -2.65 0.00	150.85 -2.61 0.00	149.50 -2.44 0.00	153.64 -2.50 0.00	158.38 -3.90 0.00	173.62 -4.44 0.00	177.96 -4.18 0.00	170.69 -4.20 0.00	178.15 -4.19 0.00	153.74 -2.98 0.00	141.16 -2.58 0.00	141.80 -2.31 0.00	136.31 -2.07 0.00	135.25 -2.06 0.00	145.43 -2.07 0.00	159.32 -2.42 0.00	179.75 -2.93 0.00	174.29 -3.02 0.00	163.83 -2.83 0.00	158.55 -2.74 0.00	151.88 -2.31 0.00	146.62 -1.94 0.00	145.95 -1.93 0.00
MARBLE_RIVER_WT_PWR 323696	162.26 0.00 0.00	155.46 -0.47 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.52 -0.62 0.00	160.00 -2.27 0.00	174.32 -3.75 0.00	179.04 -3.10 0.00	171.56 -3.33 0.00	178.86 -3.47 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	142.96 -1.16 0.00	137.00 -1.38 0.00	135.93 -1.37 0.00	145.88 -1.62 0.00	159.32 -2.42 0.00	179.57 -3.11 0.00	174.47 -2.84 0.00	163.99 -2.67 0.00	158.55 -2.74 0.00	152.18 -2.01 0.00	147.36 -1.19 0.00	147.44 -0.44 0.00
MARSHVLE_115KV_TB1 80742	173.78 11.52 0.00	167.16 11.23 0.00	163.75 10.28 0.00	162.42 10.48 0.00	167.23 11.09 0.00	174.60 12.33 0.00	250.27 15.67 -56.53	292.00 16.21 -93.66	249.13 14.69 -59.55	195.46 13.13 0.00	165.97 9.25 0.00	150.64 6.90 0.00	150.31 6.20 0.00	144.47 6.09 0.00	143.62 6.32 0.00	156.64 9.14 0.00	173.71 11.97 0.00	203.58 14.98 -5.92	206.53 14.72 -14.50	180.17 13.50 0.00	174.03 12.74 0.00	166.06 11.87 0.00	159.70 11.14 0.00	158.53 10.65 0.00
MARSH_HILL_WT_PWR 323713	155.13 -7.14 0.00	149.23 -6.70 0.00	147.32 -6.14 0.00	145.70 -6.24 0.00	150.37 -5.77 0.00	157.56 -4.71 0.00	176.26 -4.98 -3.18	179.38 -7.11 -4.35	171.06 -7.18 -3.35	224.50 -6.39 -48.55	148.41 -8.31 0.00	135.98 -7.76 0.00	136.33 -7.78 0.00	130.50 -7.88 0.00	129.75 -7.55 0.00	140.57 -6.93 0.00	154.79 -6.95 0.00	175.44 -7.50 -0.26	170.76 -7.28 -0.73	158.72 -7.83 0.12	153.96 -7.26 0.07	146.62 -7.55 0.02	140.99 -7.57 0.00	142.85 -5.03 0.00
MCINTYRE_115KV_TB2 80467	164.70 2.43 0.00	158.11 2.18 0.00	155.46 2.00 0.00	154.06 2.13 0.00	157.70 1.56 0.00	162.27 0.00 0.00	176.64 -1.42 0.00	181.59 -0.55 0.00	173.49 -1.40 0.00	180.69 -1.64 0.00	156.56 -0.16 0.00	143.31 -0.43 0.00	144.40 0.29 0.00	138.38 0.00 0.00	137.31 0.00 0.00	147.20 -0.29 0.00	161.10 -0.65 0.00	182.31 -0.37 0.00	177.49 0.18 0.00	167.00 0.33 0.00	161.45 0.16 0.00	155.27 1.08 0.00	150.34 1.78 0.00	149.65 1.77 0.00
MECO_____69_KV_BK1 80468	177.84 15.58 0.00	171.06 15.13 0.00	167.28 13.81 0.00	165.91 13.98 0.00	170.98 14.83 0.00	178.34 16.06 0.00	258.17 19.77 -60.34	302.50 20.22 -100.14	257.16 18.71 -63.56	199.66 17.32 0.00	169.57 12.85 0.00	154.38 10.64 0.00	154.06 9.94 0.00	147.93 9.55 0.00	147.05 9.75 0.00	160.03 12.54 0.00	177.92 16.17 0.00	208.72 19.73 -6.32	212.29 19.50 -15.48	184.67 18.00 0.00	178.23 16.94 0.00	169.92 15.73 0.00	163.12 14.56 0.00	161.78 13.90 0.00
MENANDS___115KV_TB5 355628	168.75 6.49 0.00	162.01 6.08 0.00	159.30 5.83 0.00	157.86 5.93 0.00	162.39 6.25 0.00	169.09 6.82 0.00	228.48 7.83 -42.58	257.94 7.65 -68.15	227.26 7.52 -44.85	190.18 7.84 0.00	163.46 6.74 0.00	150.06 6.32 0.00	150.17 6.05 0.00	144.33 5.95 0.00	142.80 5.49 0.00	153.10 5.60 0.00	168.38 6.63 0.00	194.62 7.49 -4.46	195.50 7.27 -10.92	173.33 6.67 0.00	167.58 6.29 0.00	160.20 6.01 0.00	154.94 6.39 0.00	153.94 6.06 0.00
MG INDUSTRY___DRP 24185	168.75 6.49 0.00	162.17 6.24 0.00	159.30 5.83 0.00	157.86 5.93 0.00	162.39 6.25 0.00	168.93 6.65 0.00	214.85 7.30 -29.49	234.14 7.10 -44.90	212.77 6.82 -31.06	189.45 7.11 0.00	162.52 5.80 0.00	149.06 5.32 0.00	149.16 5.04 0.00	143.50 5.12 0.00	141.97 4.67 0.00	152.37 4.87 0.00	167.89 6.15 0.00	192.52 6.76 -3.09	191.44 6.56 -7.56	172.83 6.17 0.00	167.26 5.97 0.00	159.90 5.71 0.00	154.65 6.09 0.00	153.79 5.92 0.00

MID___OSWEGATCHIE_HYD 23849	161.61 -0.65 0.00	155.31 -0.62 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.21 -0.94 0.00	160.65 -1.62 0.00	175.39 -2.67 0.00	180.32 -1.82 0.00	172.26 -2.62 0.00	179.24 -3.10 0.00	154.84 -1.88 0.00	141.73 -2.01 0.00	142.96 -1.15 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	145.73 -1.77 0.00	160.13 -1.62 0.00	181.58 -1.10 0.00	176.42 -0.89 0.00	165.50 -1.17 0.00	159.84 -1.45 0.00	152.96 -1.23 0.00	148.41 -0.15 0.00	148.03 0.15 0.00
MID___RAQUETTE_HYD 23851	161.45 -0.81 0.00	154.99 -0.94 0.00	152.39 -1.07 0.00	150.87 -1.06 0.00	154.27 -1.87 0.00	158.22 -4.06 0.00	171.30 -6.77 0.00	176.13 -6.01 0.00	168.59 -6.30 0.00	175.59 -6.75 0.00	152.96 -3.76 0.00	140.00 -3.74 0.00	141.23 -2.88 0.00	135.33 -3.04 0.00	134.15 -3.16 0.00	143.07 -4.42 0.00	156.41 -5.34 0.00	176.83 -5.85 0.00	171.99 -5.32 0.00	162.00 -4.67 0.00	156.61 -4.68 0.00	151.26 -2.93 0.00	147.22 -1.34 0.00	146.84 -1.04 0.00
MILLIKEN___1 23584	163.56 1.30 0.00	157.49 1.56 0.00	155.15 1.69 0.00	153.61 1.67 0.00	158.17 2.03 0.00	165.19 2.92 0.00	185.39 4.10 -3.23	190.42 3.82 -4.46	181.62 3.32 -3.41	189.19 3.28 -3.58	158.44 1.72 0.00	145.03 1.29 0.00	145.41 1.30 0.00	139.49 1.11 0.00	138.54 1.24 0.00	149.27 1.77 0.00	164.33 2.59 0.00	186.58 3.47 -0.43	181.80 3.55 -0.95	169.65 2.83 -0.15	164.13 2.74 -0.09	156.38 2.16 -0.03	150.19 1.63 0.00	150.10 2.22 0.00
MILLIKEN___2 23585	163.56 1.30 0.00	157.49 1.56 0.00	155.15 1.69 0.00	153.61 1.67 0.00	158.17 2.03 0.00	165.19 2.92 0.00	185.39 4.10 -3.23	190.42 3.82 -4.46	181.62 3.32 -3.41	189.19 3.28 -3.58	158.44 1.72 0.00	145.03 1.29 0.00	145.41 1.30 0.00	139.49 1.11 0.00	138.54 1.24 0.00	149.27 1.77 0.00	164.33 2.59 0.00	186.58 3.47 -0.43	181.80 3.55 -0.95	169.65 2.83 -0.15	164.13 2.74 -0.09	156.38 2.16 -0.03	150.19 1.63 0.00	150.10 2.22 0.00
MILLIKEN___DIESEL 23629	163.56 1.30 0.00	157.49 1.56 0.00	155.15 1.69 0.00	153.61 1.67 0.00	158.17 2.03 0.00	165.19 2.92 0.00	185.39 4.10 -3.23	190.42 3.82 -4.46	181.62 3.32 -3.41	189.19 3.28 -3.58	158.44 1.72 0.00	145.03 1.29 0.00	145.41 1.30 0.00	139.49 1.11 0.00	138.54 1.24 0.00	149.27 1.77 0.00	164.33 2.59 0.00	186.58 3.47 -0.43	181.80 3.55 -0.95	169.65 2.83 -0.15	164.13 2.74 -0.09	156.38 2.16 -0.03	150.19 1.63 0.00	150.10 2.22 0.00
MILLSEAT___LFGE 323607	149.61 -12.66 0.00	143.77 -12.16 0.00	142.11 -11.35 0.00	140.54 -11.40 0.00	144.75 -11.39 0.00	151.56 -10.72 0.00	167.03 -13.17 -2.14	167.95 -16.57 -2.38	161.23 -15.91 -2.26	166.70 -16.77 -1.14	141.83 -14.89 0.00	130.08 -13.66 0.00	130.14 -13.98 0.00	124.41 -13.97 0.00	123.71 -13.60 0.00	133.63 -13.87 0.00	145.57 -16.17 0.00	164.27 -18.64 -0.23	159.43 -18.44 -0.56	148.70 -18.00 -0.03	144.19 -17.10 -0.01	138.00 -16.19 0.01	132.66 -15.89 0.00	136.63 -11.24 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	171.84 9.57 0.00	165.29 9.36 0.00	162.83 9.36 0.00	161.05 9.12 0.00	165.51 9.37 0.00	172.33 10.06 0.00	204.51 12.29 -14.16	214.25 13.30 -18.81	203.44 13.64 -14.92	196.56 14.22 0.00	167.70 10.97 -0.01	154.20 10.21 -0.26	154.26 9.94 -0.21	148.14 9.41 -0.35	147.43 9.75 -0.37	157.94 10.32 -0.12	173.39 11.65 0.00	197.49 13.34 -1.48	193.89 12.94 -3.63	178.33 11.67 0.00	172.58 11.29 0.00	164.98 10.79 0.00	158.66 10.10 0.00	157.34 9.46 0.00
MILLWOOD_13_KV_LOAD 356217	172.32 10.06 0.00	165.75 9.82 0.00	163.29 9.82 0.00	161.36 9.42 0.00	165.82 9.68 0.00	172.82 10.55 0.00	205.04 12.82 -14.16	214.79 13.84 -18.81	203.97 14.17 -14.92	197.29 14.95 0.00	168.33 11.60 -0.01	154.78 10.78 -0.26	154.84 10.52 -0.21	148.69 9.96 -0.35	147.98 10.30 -0.37	158.53 10.91 -0.12	174.04 12.29 0.00	198.23 14.07 -1.48	194.42 13.48 -3.63	179.00 12.33 0.00	173.23 11.94 0.00	165.60 11.41 0.00	159.10 10.55 0.00	157.79 9.91 0.00
MODEL_CITY_ENERGY 24167	144.41 -17.85 0.00	139.09 -16.84 0.00	137.50 -15.96 0.00	135.83 -16.11 0.00	139.75 -16.39 0.00	146.05 -16.23 0.00	160.39 -19.94 -2.27	160.61 -24.05 -2.52	154.37 -22.90 -2.39	153.93 -23.88 4.52	135.88 -20.84 0.00	124.62 -19.12 0.00	124.95 -19.17 0.00	119.43 -18.95 0.00	118.63 -18.67 0.00	128.03 -19.47 0.00	138.94 -22.80 0.00	156.60 -26.30 -0.23	151.83 -26.06 -0.58	141.67 -25.00 0.00	137.58 -23.71 0.01	132.13 -22.05 0.01	127.46 -21.09 0.00	131.76 -16.11 0.00
MODERN_LFGE___ 323580	144.41 -17.85 0.00	139.09 -16.84 0.00	137.50 -15.96 0.00	135.83 -16.11 0.00	139.75 -16.39 0.00	146.05 -16.23 0.00	160.39 -19.94 -2.27	160.61 -24.05 -2.52	154.37 -22.90 -2.39	153.93 -23.88 4.52	135.88 -20.84 0.00	124.62 -19.12 0.00	124.95 -19.17 0.00	119.43 -18.95 0.00	118.63 -18.67 0.00	128.03 -19.47 0.00	138.94 -22.80 0.00	156.60 -26.30 -0.23	151.83 -26.06 -0.58	141.67 -25.00 0.00	137.58 -23.71 0.01	132.13 -22.05 0.01	127.46 -21.09 0.00	131.76 -16.11 0.00
MOHAWK_PAPER___DRP 24187	169.40 7.14 0.00	162.79 6.86 0.00	159.91 6.45 0.00	158.47 6.53 0.00	163.17 7.03 0.00	169.90 7.63 0.00	230.82 8.73 -44.03	261.62 8.74 -70.74	229.84 8.57 -46.39	191.09 8.75 0.00	164.09 7.37 0.00	150.50 6.76 0.00	150.60 6.49 0.00	144.88 6.50 0.00	143.35 6.04 0.00	153.84 6.34 0.00	169.35 7.60 0.00	196.06 8.77 -4.61	196.94 8.33 -11.30	174.33 7.67 0.00	168.55 7.26 0.00	161.13 6.94 0.00	155.54 6.98 0.00	154.53 6.65 0.00
MOHICAN___35_KV_115KV_LD 80490	175.24 12.98 0.00	168.25 12.32 0.00	164.82 11.36 0.00	163.64 11.70 0.00	168.48 12.34 0.00	175.58 13.31 0.00	255.00 15.85 -61.09	299.58 16.39 -101.05	255.15 15.91 -64.35	198.02 15.68 0.00	169.26 12.54 0.00	154.81 11.07 0.00	154.35 10.23 0.00	148.34 9.96 0.00	147.19 9.89 0.00	158.71 11.21 0.00	175.98 14.23 0.00	206.06 16.99 -6.40	209.47 16.49 -15.67	181.67 15.00 0.00	175.32 14.03 0.00	166.99 12.80 0.00	160.44 11.88 0.00	159.27 11.39 0.00
MONGAUP___HYD 23641	170.21 7.95 0.00	164.97 9.04 0.00	162.52 9.05 0.00	160.44 8.50 0.00	164.72 8.58 0.00	170.70 8.43 0.00	201.21 10.14 -13.00	209.95 10.56 -17.26	199.07 10.49 -13.69	192.72 10.39 0.00	165.81 9.09 0.00	151.64 7.90 0.00	151.75 7.63 0.00	145.57 7.19 0.00	144.71 7.41 0.00	154.72 7.23 0.00	170.47 8.73 0.00	194.63 10.59 -1.36	190.92 10.28 -3.33	175.99 9.33 0.00	170.48 9.19 0.00	162.67 8.47 0.00	157.77 9.21 0.00	156.45 8.57 0.00
MONTAUK___DIESEL 23721	192.43 21.09 -9.07	182.50 20.11 -6.46	175.10 20.10 -1.53	174.21 20.66 -1.61	178.50 20.92 -1.43	190.74 22.88 -5.59	229.98 27.42 -24.49	241.90 29.51 -30.26	225.57 28.86 -21.83	217.16 28.44 -6.38	186.76 20.84 -9.19	172.22 19.84 -8.64	171.53 19.02 -8.39	164.62 17.16 -9.08	165.48 18.95 -9.23	175.52 19.91 -8.11	194.66 23.61 -9.30	222.97 29.78 -10.52	216.86 28.72 -10.82	202.18 26.50 -9.01	194.76 25.00 -8.47	187.10 24.05 -8.86	177.76 21.69 -7.51	175.54 20.85 -6.81
MOONROAD_115KV_HARTFLD_TB1-2 355988	151.88 -10.38 0.00	146.11 -9.82 0.00	144.41 -9.05 0.00	142.52 -9.42 0.00	146.93 -9.21 0.00	153.83 -8.44 0.00	170.73 -9.97 -2.63	172.13 -12.93 -2.92	165.07 -12.59 -2.77	161.26 -9.66 11.41	144.65 -12.07 0.00	132.96 -10.78 0.00	133.45 -10.66 0.00	127.72 -10.66 0.00	127.14 -10.16 0.00	137.17 -10.32 0.00	149.13 -12.62 0.00	168.31 -14.61 -0.24	164.29 -13.65 -0.63	153.28 -13.33 0.05	148.19 -13.06 0.03	141.38 -12.80 0.01	136.23 -12.33 0.00	140.19 -7.69 0.00

MORRIS_RIDGE___SOLAR 323848	151.55 -10.71 0.00	145.95 -9.98 0.00	144.10 -9.37 0.00	142.52 -9.42 0.00	146.93 -9.21 0.00	153.83 -8.45 0.00	171.33 -9.79 -3.06	173.74 -12.57 -4.17	165.69 -12.41 -3.22	100.27 -12.04 70.03	143.87 -12.85 0.00	132.24 -11.50 0.00	132.73 -11.39 0.00	127.03 -11.34 0.00	126.05 -11.26 0.00	136.58 -10.91 0.00	149.78 -11.97 0.00	169.62 -13.33 -0.28	165.10 -12.94 -0.73	153.76 -12.83 0.08	149.14 -12.10 0.05	142.31 -11.87 0.01	137.12 -11.44 0.00	139.75 -8.13 0.00
MORTIMER_115KV_TB3 55949	153.99 -8.28 0.00	147.98 -7.95 0.00	145.94 -7.52 0.00	144.49 -7.44 0.00	148.80 -7.34 0.00	155.62 -6.65 0.00	170.23 -7.83 0.00	172.48 -9.65 0.00	165.44 -9.44 0.00	171.98 -11.67 -1.32	147.63 -9.09 0.00	135.40 -8.34 0.00	135.47 -8.65 0.00	129.80 -8.58 0.00	129.20 -8.10 0.00	138.94 -8.55 0.00	151.88 -9.87 0.00	171.15 -11.51 0.01	166.12 -11.17 0.02	155.31 -11.33 0.02	150.63 -10.65 0.01	144.32 -9.87 0.00	138.75 -9.80 0.00	140.63 -7.25 0.00
MOTHAVN_138_KV_9M4_REV_LBMP_J 345006	173.46 11.20 0.00	167.00 11.07 0.00	164.51 11.05 0.00	162.42 10.48 0.00	166.92 10.77 0.00	173.79 11.52 0.00	206.20 13.89 -14.24	216.18 15.12 -18.93	205.63 15.74 -15.00	198.95 16.59 -0.02	170.32 13.01 -0.59	170.61 12.07 -14.80	167.74 11.82 -11.81	169.76 11.35 -20.04	170.23 11.53 -21.39	166.48 12.24 -6.74	175.49 13.75 0.00	200.06 15.89 -1.49	196.21 15.25 -3.65	180.67 14.00 0.00	174.68 13.39 0.00	166.99 12.80 0.00	160.59 12.03 0.00	159.27 11.39 0.00
MUNSVILLE_WIND_PWR 323609	173.30 11.04 0.00	167.47 11.54 0.00	165.12 11.66 0.00	163.64 11.70 0.00	168.47 12.33 0.00	177.70 15.42 0.00	203.82 19.24 -6.52	210.97 19.50 -9.34	198.72 16.96 -6.87	202.53 17.68 -2.52	169.72 13.00 0.00	155.82 12.08 0.00	156.51 12.40 0.00	149.86 11.48 0.00	148.84 11.54 0.00	161.22 13.72 0.00	178.72 16.98 0.00	204.95 21.55 -0.73	200.31 21.27 -1.73	184.58 17.84 -0.07	178.11 16.77 -0.05	168.86 14.66 -0.01	161.33 12.78 0.00	161.48 13.60 0.00
N SALMON___HYD 24042	164.05 1.79 0.00	157.03 1.10 0.00	154.39 0.93 0.00	153.01 1.07 0.00	157.08 0.94 0.00	161.46 -0.81 0.00	175.94 -2.13 0.00	181.05 -1.09 0.00	173.31 -1.58 0.00	180.69 -1.64 0.00	156.72 0.00 0.00	143.31 -0.43 0.00	144.40 0.29 0.00	138.38 0.00 0.00	137.17 -0.14 0.00	146.91 -0.59 0.00	160.44 -1.30 0.00	180.67 -2.01 0.00	176.08 -1.23 0.00	165.67 -0.99 0.00	160.33 -0.96 0.00	154.19 0.00 0.00	149.30 0.75 0.00	148.92 1.04 0.00
N.AKRON__115KV_KNAPP 355671	149.28 -12.98 0.00	143.46 -12.47 0.00	141.80 -11.66 0.00	140.09 -11.85 0.00	144.43 -11.71 0.00	151.24 -11.03 0.00	166.51 -13.71 -2.16	167.78 -16.76 -2.40	160.90 -16.26 -2.28	165.84 -17.69 -1.19	141.36 -15.36 0.00	129.65 -14.09 0.00	129.70 -14.41 0.00	123.99 -13.73 0.00	123.57 -14.31 0.00	133.19 -16.82 0.00	144.92 -16.82 0.00	163.18 -19.73 -0.23	158.73 -19.15 -0.57	148.03 -18.67 -0.03	143.55 -17.74 -0.01	137.69 -16.50 0.01	132.51 -16.04 0.00	136.20 -11.68 0.00
N.BELMOR_69_KV_BK1 55787	224.58 14.44 -47.88	204.06 14.03 -34.09	176.04 13.97 -8.61	174.52 13.52 -9.06	178.12 13.90 -8.08	206.73 14.93 -29.53	264.30 17.98 -68.26	280.08 19.31 -78.64	245.07 19.24 -50.94	235.72 19.69 -33.69	220.37 15.20 -48.45	201.84 14.09 -44.02	200.94 13.84 -42.99	197.26 13.15 -45.73	197.14 13.46 -46.38	203.87 14.31 -42.06	226.99 16.17 -49.07	251.10 19.36 -49.06	237.34 18.62 -41.41	231.15 17.00 -47.49	222.05 16.13 -44.63	216.28 15.42 -46.67	202.77 14.56 -39.66	197.85 14.05 -35.92
N.E_GEN_SANDY PD 24062	170.69 8.43 0.00	163.88 7.95 0.00	161.29 7.82 0.00	159.83 7.90 0.00	164.26 8.11 0.00	171.52 9.24 0.00	211.80 10.50 -23.23	226.90 10.56 -34.20	209.50 10.14 -24.47	192.36 10.02 0.00	164.71 7.99 0.00	151.21 7.47 0.00	151.32 7.20 0.00	145.57 7.19 0.00	144.44 7.14 0.00	155.02 7.52 0.00	170.63 8.89 0.00	195.70 10.59 -2.43	193.55 10.28 -5.96	175.66 8.99 0.00	169.99 8.70 0.00	162.36 8.17 0.00	156.28 7.72 0.00	155.27 7.39 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	171.35 9.09 0.00	164.82 8.89 0.00	162.37 8.90 0.00	160.44 8.51 0.00	164.89 8.74 0.00	171.85 9.57 0.00	203.18 11.40 -13.72	212.75 12.39 -18.23	202.11 12.77 -14.46	195.65 13.31 0.00	166.59 9.87 0.00	152.80 9.06 0.00	152.91 8.79 0.00	146.82 8.44 0.00	145.96 8.65 0.00	156.64 9.14 0.00	172.10 10.35 0.00	196.17 12.06 -1.44	192.53 11.70 -3.52	177.17 10.50 0.00	171.45 10.16 0.00	163.90 9.71 0.00	157.62 9.06 0.00	156.31 8.43 0.00
N.QUEENS_27_KV_LOAD 356247	174.11 11.85 -0.01	168.10 12.16 -0.01	165.75 12.28 -0.01	163.80 11.85 -0.01	168.33 12.18 -0.01	174.77 12.49 0.00	205.48 13.18 -14.24	215.45 14.39 -18.92	205.63 15.74 -15.00	199.48 17.14 -0.01	170.97 13.79 -0.46	167.73 12.79 -11.19	165.59 12.54 -8.93	165.57 12.04 -15.16	165.84 12.36 -16.17	165.73 13.13 -5.11	175.82 14.07 -0.01	200.24 16.08 -1.49	196.57 15.60 -3.65	181.17 14.50 0.00	175.17 13.87 -0.01	167.46 13.26 -0.01	161.49 12.92 -0.01	159.87 11.98 -0.01
N.TROY___115KV_TB1 355778	170.70 8.44 0.00	163.73 7.80 0.00	160.83 7.37 0.00	159.53 7.60 0.00	164.26 8.12 0.00	171.03 8.76 0.00	240.32 10.15 -52.10	277.25 10.02 -85.09	239.57 9.79 -54.89	192.00 9.66 0.00	164.56 7.84 0.00	150.78 7.04 0.00	150.89 6.77 0.00	145.16 6.78 0.00	143.90 6.59 0.00	154.58 7.08 0.00	170.48 8.73 0.00	198.36 10.23 -5.46	200.61 9.93 -13.37	175.67 9.00 0.00	169.84 8.55 0.00	162.05 7.86 0.00	156.13 7.58 0.00	155.13 7.25 0.00
NARROWS_GT1_1 24228	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT1_2 24229	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT1_3 24230	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT1_4 24231	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44

NARROWS_GT1_5 24232	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT1_6 24233	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT1_7 24234	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT1_8 24235	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT2_1 24236	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT2_2 24237	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT2_3 24238	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT2_4 24239	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT2_5 24240	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT2_6 24241	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT2_7 24242	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NARROWS_GT2_8 24243	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	172.97 10.71 0.00	165.91 9.98 0.00	163.13 9.67 0.00	161.51 9.57 0.00	166.29 10.15 0.00	173.14 10.87 0.00	217.86 11.22 -28.57	236.75 11.11 -43.50	215.65 10.67 -30.10	193.82 11.49 0.00	165.81 9.09 0.00	151.79 8.05 0.00	151.90 7.78 0.00	145.71 7.33 0.00	144.31 7.00 0.00	154.87 7.37 0.00	171.12 9.38 0.00	195.72 10.05 -2.99	194.39 9.75 -7.33	176.83 10.17 0.00	170.81 9.52 0.00	162.98 8.79 0.00	157.77 9.21 0.00	156.60 8.72 0.00
NCHELSEA_115KV_TR2 355582	173.30 11.03 0.00	166.53 10.60 0.00	164.05 10.59 0.00	162.12 10.18 0.00	166.76 10.62 0.00	173.79 11.52 0.00	206.19 13.71 -14.41	215.93 14.57 -19.22	204.76 14.69 -15.18	197.47 15.13 0.00	168.63 11.91 0.00	154.66 10.92 0.00	154.78 10.66 0.00	148.48 10.10 0.00	147.60 10.30 0.00	158.56 11.06 0.00	174.36 12.62 0.00	198.98 14.80 -1.51	195.19 14.18 -3.70	179.67 13.00 0.00	173.87 12.58 0.00	166.06 11.87 0.00	159.70 11.14 0.00	158.38 10.50 0.00
NEG CAPITAL___MECHNVIL 23645	173.30 11.04 0.00	166.38 10.45 0.00	163.29 9.83 0.00	161.96 10.03 0.00	166.45 10.30 0.00	173.63 11.36 0.00	249.76 13.36 -58.34	291.78 13.48 -96.17	249.47 13.12 -61.46	195.28 12.95 0.00	167.22 10.50 0.00	153.08 9.34 0.00	153.05 8.94 0.00	146.96 8.58 0.00	145.82 8.52 0.00	157.08 9.58 0.00	173.54 11.80 0.00	202.85 14.07 -6.11	205.93 13.65 -14.97	179.00 12.33 0.00	172.91 11.62 0.00	164.82 10.63 0.00	158.66 10.11 0.00	157.64 9.76 0.00

NEG CENTRAL_HIGH_ACRES 23767	152.85 -9.42 0.00	147.05 -8.88 0.00	144.87 -8.59 0.00	143.43 -8.51 0.00	147.71 -8.43 0.00	154.49 -7.79 0.00	169.34 -8.72 0.00	171.94 -10.20 0.00	164.93 -9.96 0.00	170.66 -11.67 0.00	147.32 -9.40 0.00	134.97 -8.77 0.00	135.18 -8.94 0.00	129.52 -8.86 0.00	128.79 -8.51 0.00	138.65 -8.85 0.00	151.72 -10.03 0.00	171.34 -11.33 0.01	165.94 -11.35 0.02	155.48 -11.17 0.02	150.47 -10.80 0.01	144.01 -10.18 0.00	138.31 -10.25 0.00	139.75 -8.13 0.00
NEG CENTRAL___DRP 24199	158.53 -3.73 0.00	152.34 -3.59 0.00	150.09 -3.38 0.00	148.59 -3.34 0.00	153.18 -2.97 0.00	160.16 -2.11 0.00	178.20 -1.78 -1.92	181.72 -2.55 -2.13	174.29 -2.62 -2.02	183.91 -3.10 -4.67	153.27 -3.45 0.00	140.29 -3.45 0.00	140.51 -3.60 0.00	134.78 -3.60 0.00	134.01 -3.30 0.00	144.25 -3.24 0.00	158.51 -3.23 0.00	179.75 -3.11 -0.18	174.76 -3.01 -0.47	163.30 -3.33 0.03	158.04 -3.23 0.02	150.79 -3.39 0.01	144.84 -3.71 0.00	145.22 -2.66 0.00
NEG CENTRAL___INDECK 23768	159.35 -2.92 0.00	153.13 -2.80 0.00	151.17 -2.30 0.00	149.50 -2.44 0.00	154.11 -2.03 0.00	161.79 -0.49 0.00	180.51 -0.18 -2.62	183.05 -2.00 -2.91	175.20 -2.45 -2.76	228.74 -3.47 -49.88	152.50 -4.22 0.00	139.72 -4.02 0.00	139.80 -4.32 0.00	133.67 -4.71 0.00	133.19 -4.12 0.00	144.25 -3.25 0.00	158.84 -2.91 0.00	180.17 -2.74 -0.23	175.27 -2.65 -0.62	163.09 -3.51 0.07	157.85 -3.39 0.04	150.48 -3.70 0.01	144.24 -4.31 0.00	146.40 -1.48 0.00
NEG CENTRAL___SENECA 23627	157.56 -4.71 0.00	151.56 -4.37 0.00	149.47 -3.99 0.00	147.99 -3.95 0.00	152.55 -3.59 0.00	159.68 -2.60 0.00	177.91 -2.31 -2.16	181.26 -3.28 -2.40	173.49 -3.67 -2.28	185.96 -3.83 -7.46	152.18 -4.54 0.00	139.28 -4.46 0.00	139.50 -4.61 0.00	133.81 -4.57 0.00	133.19 -4.12 0.00	143.37 -4.13 0.00	157.54 -4.21 0.00	178.67 -4.20 -0.19	173.92 -3.90 -0.51	162.27 -4.33 0.06	157.06 -4.19 0.04	149.86 -4.32 0.01	143.80 -4.75 0.00	144.63 -3.25 0.00
NEG CENTRAL___STATE_STREET 24147	160.48 -1.78 0.00	154.21 -1.72 0.00	151.93 -1.53 0.00	150.42 -1.52 0.00	154.89 -1.25 0.00	161.79 -0.49 0.00	180.13 0.18 -1.88	184.05 -0.18 -2.09	176.52 -0.35 -1.99	181.61 -0.73 0.00	155.47 -1.25 0.00	142.45 -1.29 0.00	142.67 -1.44 0.00	136.86 -1.52 0.00	135.93 -1.37 0.00	146.32 -1.18 0.00	160.77 -0.97 0.00	182.34 -0.55 -0.21	177.28 -0.53 -0.50	165.68 -1.00 -0.02	160.49 -0.81 -0.01	153.11 -1.08 0.00	146.92 -1.63 0.00	146.99 -0.89 0.00
NEG MILLWOOD___DRP 24198	174.27 12.01 0.00	167.31 11.38 0.00	164.97 11.51 0.00	163.03 11.09 0.00	167.54 11.40 0.00	174.77 12.49 0.00	207.86 15.31 -14.48	218.18 16.76 -19.28	206.93 16.79 -15.26	199.66 17.32 0.00	170.83 14.10 0.00	156.53 12.79 0.00	156.80 12.68 0.00	150.28 11.90 0.00	149.39 12.08 0.00	160.62 13.13 0.00	176.46 14.72 0.00	201.18 16.99 -1.52	197.34 16.31 -3.72	181.67 15.00 0.00	175.81 14.52 0.00	167.91 13.72 0.00	161.48 12.92 0.00	159.86 11.98 0.00
NEG NORTH_FLCN_SEA 23793	164.21 1.95 0.00	157.33 1.40 0.00	154.69 1.23 0.00	153.15 1.22 0.00	157.08 0.94 0.00	162.11 -0.16 0.00	175.39 -2.67 0.00	180.32 -1.82 0.00	172.61 -2.27 0.00	179.96 -2.37 0.00	155.94 -0.78 0.00	142.88 -0.86 0.00	143.83 -0.29 0.00	137.83 -0.55 0.00	136.76 -0.55 0.00	146.61 -0.88 0.00	160.13 -1.62 0.00	180.48 -2.19 0.00	175.36 -1.95 0.00	165.00 -1.67 0.00	159.52 -1.77 0.00	153.11 -1.08 0.00	148.26 -0.30 0.00	149.21 1.33 0.00
NEG NORTH_KES_CHATEGAY 23792	162.26 0.00 0.00	155.62 -0.31 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.36 -0.78 0.00	160.16 -2.11 0.00	174.33 -3.74 0.00	179.22 -2.91 0.00	171.56 -3.32 0.00	178.87 -3.46 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	143.11 -1.01 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	146.02 -1.47 0.00	159.48 -2.26 0.00	179.57 -3.11 0.00	174.65 -2.66 0.00	164.33 -2.33 0.00	158.87 -2.42 0.00	152.49 -1.70 0.00	147.67 -0.89 0.00	147.44 -0.44 0.00
NEG NORTH___ALICE_FALLS 23915	164.86 2.60 0.00	157.80 1.87 0.00	155.15 1.69 0.00	153.61 1.67 0.00	157.55 1.41 0.00	162.76 0.49 0.00	176.64 -1.42 0.00	181.59 -0.55 0.00	173.84 -1.05 0.00	181.24 -1.09 0.00	156.88 0.16 0.00	143.74 0.00 0.00	144.69 0.58 0.00	138.66 0.28 0.00	137.58 0.27 0.00	147.50 0.00 0.00	161.10 -0.65 0.00	181.58 -1.10 0.00	176.60 -0.71 0.00	166.17 -0.50 0.00	160.81 -0.48 0.00	154.19 0.00 0.00	149.30 0.74 0.00	149.80 1.92 0.00
NEG NORTH___LWR_SARANAC 23913	164.86 2.60 0.00	157.80 1.87 0.00	155.15 1.69 0.00	153.61 1.67 0.00	157.55 1.41 0.00	162.76 0.49 0.00	176.64 -1.42 0.00	181.59 -0.55 0.00	173.84 -1.05 0.00	181.24 -1.09 0.00	156.88 0.16 0.00	143.74 0.00 0.00	144.69 0.58 0.00	138.66 0.28 0.00	137.58 0.27 0.00	147.50 0.00 0.00	161.10 -0.65 0.00	181.58 -1.10 0.00	176.60 -0.71 0.00	166.17 -0.50 0.00	160.81 -0.48 0.00	154.19 0.00 0.00	149.30 0.74 0.00	149.80 1.92 0.00
NEG NORTH___PLATTSBURG 23628	164.85 2.59 0.00	157.81 1.88 0.00	155.16 1.69 0.00	153.61 1.67 0.00	157.86 1.72 0.00	162.60 0.33 0.00	176.63 -1.43 0.00	181.59 -0.54 0.00	173.84 -1.04 0.00	181.25 -1.09 0.00	156.88 0.16 0.00	143.74 0.00 0.00	144.69 0.58 0.00	138.66 0.28 0.00	137.58 0.28 0.00	147.50 0.00 0.00	161.26 -0.48 0.00	181.59 -1.09 0.00	176.60 -0.71 0.00	166.17 -0.50 0.00	160.81 -0.48 0.00	154.19 0.00 0.00	149.30 0.75 0.00	149.80 1.92 0.00
NEG WEST_LEA_LOCKPORT 23791	145.06 -17.20 0.00	139.56 -16.37 0.00	137.96 -15.50 0.00	136.29 -15.65 0.00	140.37 -15.77 0.00	146.69 -15.58 0.00	161.25 -19.05 -2.24	161.86 -22.77 -2.49	155.21 -22.04 -2.36	96.17 -23.16 63.01	136.50 -20.22 0.00	125.20 -18.54 0.00	125.52 -18.59 0.00	119.97 -18.40 0.00	119.46 -17.85 0.00	128.77 -18.73 0.00	139.58 -22.16 0.00	157.01 -25.76 -0.09	152.64 -25.00 -0.33	142.10 -24.17 0.40	138.21 -22.90 0.18	132.90 -21.28 0.01	128.20 -20.35 0.00	132.35 -15.53 0.00
NEG WEST___LANCASTER 23811	149.28 -12.98 0.00	143.46 -12.47 0.00	141.80 -11.66 0.00	140.09 -11.85 0.00	144.28 -11.87 0.00	150.59 -11.68 0.00	166.85 -13.89 -2.68	167.99 -17.12 -2.97	161.27 -16.44 -2.82	163.04 -7.66 11.64	141.21 -15.52 0.00	129.65 -14.09 0.00	129.99 -14.12 0.00	124.40 -13.98 0.00	123.85 -13.46 0.00	133.34 -14.16 0.00	145.25 -16.50 0.00	164.84 -18.08 -0.25	161.11 -16.84 -0.65	150.78 -15.83 0.05	145.29 -15.97 0.03	137.99 -16.19 0.01	132.96 -15.60 0.00	136.64 -11.24 0.00
NEG_PENN_ALLEGHNY 23528	161.78 -0.49 0.00	155.62 -0.31 0.00	153.31 -0.15 0.00	151.63 -0.30 0.00	155.99 -0.16 0.00	162.92 0.65 0.00	184.43 1.07 -5.29	189.77 0.37 -7.27	180.81 0.35 -5.58	183.62 1.29 0.00	156.25 -0.47 0.00	143.17 -0.57 0.00	143.54 -0.57 0.00	137.83 -0.55 0.00	136.76 -0.55 0.00	147.20 -0.29 0.00	161.42 -0.32 0.00	183.04 -0.18 -0.55	178.66 0.00 -1.35	166.15 -0.50 0.02	160.95 -0.32 0.01	153.57 -0.61 0.00	147.67 -0.89 0.00	148.18 0.30 0.00
NEG___GEN_MONROE 24207	154.31 -7.95 0.00	148.45 -7.48 0.00	146.25 -7.21 0.00	144.64 -7.29 0.00	148.96 -7.18 0.00	155.94 -6.33 0.00	171.86 -8.01 -1.80	173.76 -10.38 -2.00	166.64 -10.14 -1.90	171.93 -12.22 -1.81	146.85 -9.87 0.00	134.40 -9.34 0.00	134.46 -9.66 0.00	128.83 -9.55 0.00	128.24 -9.06 0.00	138.06 -9.44 0.00	150.58 -11.16 0.00	169.88 -12.97 -0.18	165.35 -12.41 -0.45	154.32 -12.33 0.02	149.50 -11.77 0.01	143.08 -11.10 0.00	137.41 -11.14 0.00	140.19 -7.69 0.00

NEPA__ENERGY 23901	149.77 -12.49 0.00	144.08 -11.85 0.00	142.41 -11.05 0.00	140.54 -11.40 0.00	144.90 -11.24 0.00	151.40 -10.87 0.00	167.40 -13.18 -2.51	168.53 -16.39 -2.79	161.62 -15.91 -2.64	152.12 -14.40 15.81	141.83 -14.89 0.00	130.08 -13.66 0.00	130.57 -13.55 0.00	124.96 -13.42 0.00	124.40 -12.91 0.00	134.08 -13.42 0.00	145.73 -16.01 0.00	164.46 -18.45 -0.23	160.18 -17.73 -0.61	149.45 -17.17 0.05	144.81 -16.45 0.03	138.45 -15.73 0.01	133.55 -15.00 0.00	137.38 -10.50 0.00
NEVERSINK__HYD 23608	172.16 9.90 0.00	165.60 9.67 0.00	163.29 9.83 0.00	161.21 9.27 0.00	165.51 9.37 0.00	172.98 10.71 0.00	204.34 12.64 -13.64	213.86 13.29 -18.43	202.54 13.28 -14.36	195.83 13.49 0.00	166.90 10.18 0.00	152.95 9.21 0.00	153.05 8.94 0.00	146.68 8.30 0.00	145.68 8.38 0.00	156.95 9.45 0.00	172.58 10.84 0.00	197.08 12.97 -1.43	193.40 12.59 -3.50	178.16 11.49 0.00	172.41 11.12 0.00	164.52 10.33 0.00	158.21 9.65 0.00	157.05 9.17 0.00
NEWKRMKL_115KV_TB1 55635	168.27 6.00 0.00	161.70 5.77 0.00	158.99 5.52 0.00	157.56 5.62 0.00	162.08 5.93 0.00	168.60 6.33 0.00	226.42 7.12 -41.23	254.98 7.10 -65.74	225.31 7.00 -43.43	189.81 7.48 0.00	163.15 6.43 0.00	149.78 6.04 0.00	149.74 5.62 0.00	144.05 5.67 0.00	142.25 4.94 0.00	152.66 5.16 0.00	167.73 5.98 0.00	193.75 6.76 -4.32	194.27 6.38 -10.58	172.67 6.00 0.00	166.94 5.65 0.00	159.59 5.40 0.00	154.65 6.09 0.00	153.79 5.92 0.00
NEWTON__FALLS_HYD 23847	161.61 -0.65 0.00	155.31 -0.62 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.21 -0.94 0.00	160.65 -1.62 0.00	175.39 -2.67 0.00	180.32 -1.82 0.00	172.26 -2.62 0.00	179.24 -3.10 0.00	154.84 -1.88 0.00	141.73 -2.01 0.00	142.96 -1.15 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	145.73 -1.77 0.00	160.13 -1.62 0.00	181.58 -1.10 0.00	176.42 -0.89 0.00	165.50 -1.17 0.00	159.84 -1.45 0.00	152.96 -1.23 0.00	148.41 -0.15 0.00	148.03 0.15 0.00
NGRID_A1_DSASP 323792	144.73 -17.53 0.00	139.40 -16.53 0.00	137.81 -15.66 0.00	136.13 -15.80 0.00	140.06 -16.08 0.00	146.20 -16.07 0.00	160.41 -19.94 -2.29	160.45 -24.22 -2.54	154.21 -23.09 -2.41	146.37 -24.43 11.53	135.88 -20.84 0.00	124.62 -19.12 0.00	124.95 -19.17 0.00	119.43 -18.95 0.00	118.50 -18.81 0.00	128.03 -19.47 0.00	138.61 -23.13 0.00	156.40 -26.49 -0.21	151.26 -26.60 -0.55	141.45 -25.17 0.04	137.23 -24.03 0.03	131.82 -22.36 0.01	127.46 -21.09 0.00	131.91 -15.97 0.00
NGRID_A2_DSASP 323793	144.73 -17.53 0.00	139.40 -16.53 0.00	137.81 -15.66 0.00	136.13 -15.80 0.00	140.06 -16.08 0.00	146.20 -16.07 0.00	160.41 -19.94 -2.29	160.45 -24.22 -2.54	154.21 -23.09 -2.41	146.37 -24.43 11.53	135.88 -20.84 0.00	124.62 -19.12 0.00	124.95 -19.17 0.00	119.43 -18.95 0.00	118.50 -18.81 0.00	128.03 -19.47 0.00	138.61 -23.13 0.00	156.40 -26.49 -0.21	151.26 -26.60 -0.55	141.45 -25.17 0.04	137.23 -24.03 0.03	131.82 -22.36 0.01	127.46 -21.09 0.00	131.91 -15.97 0.00
NGRID_A4_DSASP 323807	144.73 -17.53 0.00	139.40 -16.53 0.00	137.81 -15.66 0.00	136.13 -15.80 0.00	140.06 -16.08 0.00	146.20 -16.07 0.00	160.41 -19.94 -2.29	160.45 -24.22 -2.54	154.21 -23.09 -2.41	146.37 -24.43 11.53	135.88 -20.84 0.00	124.62 -19.12 0.00	124.95 -19.17 0.00	119.43 -18.95 0.00	118.50 -18.81 0.00	128.03 -19.47 0.00	138.61 -23.13 0.00	156.40 -26.49 -0.21	151.26 -26.60 -0.55	141.45 -25.17 0.04	137.23 -24.03 0.03	131.82 -22.36 0.01	127.46 -21.09 0.00	131.91 -15.97 0.00
NIAGARA_115E_LBMP 323715	143.76 -18.50 0.00	138.47 -17.46 0.00	136.89 -16.58 0.00	135.22 -16.71 0.00	139.13 -17.02 0.00	145.39 -16.88 0.00	159.52 -20.83 -2.29	159.55 -25.14 -2.55	153.35 -23.95 -2.42	149.96 -24.97 7.41	135.09 -21.63 0.00	123.90 -19.84 0.00	124.23 -19.89 0.00	118.73 -19.65 0.00	117.95 -19.36 0.00	127.30 -20.20 0.00	137.97 -23.77 0.00	155.50 -27.41 -0.22	150.76 -27.12 -0.57	140.66 -26.00 0.01	136.76 -24.51 0.02	131.36 -22.82 0.01	126.86 -21.69 0.00	131.17 -16.71 0.00
NIAGARA_115W_LBMP 323714	144.41 -17.85 0.00	139.09 -16.84 0.00	137.50 -15.96 0.00	135.99 -15.95 0.00	139.75 -16.39 0.00	145.89 -16.38 0.00	160.04 -20.30 -2.28	160.08 -24.59 -2.54	153.86 -23.43 -2.41	146.07 -24.80 11.46	135.56 -21.16 0.00	124.33 -19.41 0.00	124.66 -19.46 0.00	119.15 -19.23 0.00	118.22 -19.08 0.00	127.74 -19.76 0.00	138.29 -23.45 0.00	156.04 -26.85 -0.21	150.92 -26.95 -0.55	141.30 -25.33 0.04	137.07 -24.20 0.03	131.67 -22.52 0.01	127.31 -21.25 0.00	131.61 -16.27 0.00
NIAGARA_230_LBMP 323716	145.88 -16.38 0.00	140.49 -15.44 0.00	138.88 -14.58 0.00	137.35 -14.59 0.00	141.15 -14.99 0.00	147.35 -14.93 0.00	161.98 -18.34 -2.25	162.05 -22.59 -2.50	155.92 -21.34 -2.37	145.97 -22.43 13.93	137.13 -19.60 0.00	125.77 -17.97 0.00	126.10 -18.02 0.00	120.67 -17.71 0.00	119.73 -17.58 0.00	129.35 -18.15 0.00	140.23 -21.51 0.00	158.22 -24.67 -0.20	153.20 -24.64 -0.53	143.11 -23.49 0.06	138.84 -22.41 0.04	133.36 -20.82 0.01	128.80 -19.76 0.00	133.09 -14.79 0.00
NIAGARA__115KV_198_GIBSON 55903	144.41 -17.85 0.00	139.09 -16.84 0.00	137.50 -15.96 0.00	135.98 -15.95 0.00	139.90 -16.24 0.00	145.88 -16.39 0.00	160.05 -20.30 -2.28	160.45 -24.22 -2.54	154.03 -23.26 -2.41	145.71 -25.16 11.46	135.56 -21.16 0.00	124.34 -19.40 0.00	124.66 -19.46 0.00	119.14 -19.23 0.00	118.63 -18.67 0.00	127.73 -19.76 0.00	138.13 -23.61 0.00	155.49 -27.40 -0.21	151.09 -26.77 -0.55	140.96 -25.67 0.04	137.07 -24.19 0.03	131.98 -22.20 0.01	127.46 -21.10 0.00	131.61 -16.27 0.00
NIAGARA____ 23760	145.88 -16.38 0.00	140.49 -15.44 0.00	138.88 -14.58 0.00	137.35 -14.59 0.00	141.15 -14.99 0.00	147.35 -14.93 0.00	162.01 -18.34 -2.28	162.07 -22.59 -2.53	155.94 -21.34 -2.40	149.06 -22.43 10.84	137.13 -19.60 0.00	125.77 -17.97 0.00	126.10 -18.02 0.00	120.67 -17.71 0.00	119.73 -17.58 0.00	129.35 -18.15 0.00	140.23 -21.51 0.00	158.22 -24.67 -0.21	153.22 -24.64 -0.55	143.13 -23.49 0.04	138.85 -22.41 0.03	133.36 -20.82 0.01	128.80 -19.76 0.00	133.09 -14.79 0.00
NINE_MILE_1 23575	155.77 -6.50 0.00	149.85 -6.08 0.00	147.48 -5.99 0.00	146.01 -5.93 0.00	150.05 -6.09 0.00	156.44 -5.84 0.00	171.83 -6.24 0.00	175.40 -6.74 0.00	168.42 -6.47 0.00	175.41 -6.93 0.00	150.61 -6.11 0.00	138.13 -5.61 0.00	138.35 -5.77 0.00	132.84 -5.54 0.00	131.81 -5.50 0.00	141.74 -5.75 0.00	155.43 -6.31 0.00	175.73 -6.94 0.00	170.57 -6.74 0.00	159.99 -6.67 0.00	154.83 -6.46 0.00	148.02 -6.17 0.00	142.46 -6.10 0.00	142.26 -5.62 0.00
NINE_MILE_2 23744	155.77 -6.50 0.00	149.85 -6.08 0.00	147.48 -5.99 0.00	146.01 -5.93 0.00	150.05 -6.09 0.00	156.44 -5.84 0.00	171.83 -6.24 0.00	175.40 -6.74 0.00	168.42 -6.47 0.00	175.41 -6.93 0.00	150.61 -6.11 0.00	138.13 -5.61 0.00	138.35 -5.77 0.00	132.84 -5.54 0.00	131.81 -5.50 0.00	141.74 -5.75 0.00	155.43 -6.31 0.00	175.73 -6.94 0.00	170.57 -6.74 0.00	159.99 -6.67 0.00	154.83 -6.46 0.00	148.02 -6.17 0.00	142.46 -6.10 0.00	142.26 -5.62 0.00
NM_CAPITAL__DRP 24208	168.43 6.17 0.00	161.70 5.77 0.00	158.99 5.52 0.00	157.71 5.77 0.00	162.23 6.09 0.00	168.76 6.49 0.00	226.25 7.48 -40.71	254.25 7.29 -64.83	224.94 7.17 -42.88	189.81 7.48 0.00	163.15 6.43 0.00	149.78 6.04 0.00	149.88 5.76 0.00	144.19 5.81 0.00	142.52 5.22 0.00	152.81 5.31 0.00	168.05 6.31 0.00	194.06 7.12 -4.26	194.49 6.74 -10.44	173.00 6.33 0.00	167.26 5.97 0.00	159.90 5.71 0.00	154.65 6.09 0.00	153.79 5.92 0.00

NM_CENTRAL___DRP 24181	158.85 -3.41 0.00	152.81 -3.12 0.00	150.55 -2.92 0.00	149.05 -2.89 0.00	153.33 -2.81 0.00	160.00 -2.27 0.00	175.93 -2.14 0.00	179.77 -2.37 0.00	172.44 -2.45 0.00	179.60 -2.74 0.00	154.06 -2.66 0.00	141.15 -2.59 0.00	141.38 -2.74 0.00	135.75 -2.63 0.00	134.83 -2.47 0.00	144.84 -2.65 0.00	158.99 -2.75 0.00	179.75 -2.92 0.00	174.47 -2.84 0.00	163.67 -3.00 0.00	158.39 -2.90 0.00	151.26 -2.93 0.00	145.44 -3.12 0.00	145.22 -2.66 0.00
NM_FRONTIER___DRP 24179	144.41 -17.85 0.00	139.09 -16.84 0.00	137.50 -15.96 0.00	135.98 -15.95 0.00	139.90 -16.24 0.00	145.88 -16.39 0.00	160.05 -20.30 -2.28	160.45 -24.22 -2.54	154.03 -23.26 -2.41	145.71 -25.16 11.46	135.56 -21.16 0.00	124.34 -19.40 0.00	124.66 -19.46 0.00	119.14 -19.23 0.00	118.63 -18.67 0.00	127.73 -19.76 0.00	138.13 -23.61 0.00	155.49 -27.40 -0.21	151.09 -26.77 -0.55	140.96 -25.67 0.04	137.07 -24.19 0.03	131.98 -22.20 0.01	127.46 -21.10 0.00	131.61 -16.27 0.00
NM_ST_REGIS___HYD 24053	162.10 -0.16 0.00	155.46 -0.47 0.00	153.00 -0.46 0.00	151.48 -0.46 0.00	154.89 -1.25 0.00	159.19 -3.08 0.00	172.54 -5.52 0.00	177.40 -4.74 0.00	169.82 -5.07 0.00	176.86 -5.47 0.00	153.90 -2.82 0.00	140.87 -2.87 0.00	142.10 -2.02 0.00	136.16 -2.21 0.00	134.97 -2.33 0.00	144.11 -3.39 0.00	157.38 -4.37 0.00	177.74 -4.93 0.00	173.05 -4.26 0.00	162.83 -3.83 0.00	157.58 -3.71 0.00	152.03 -2.16 0.00	147.81 -0.74 0.00	147.44 -0.44 0.00
NORTHPORT___1 23551	182.22 12.18 -7.78	173.48 12.01 -5.54	166.88 12.12 -1.29	165.30 12.00 -1.36	169.07 11.72 -1.21	180.70 13.63 -4.80	217.48 16.37 -23.04	229.17 18.39 -28.65	213.40 17.66 -20.86	205.14 17.33 -5.48	177.61 13.00 -7.89	163.42 12.21 -7.47	163.02 11.67 -7.24	157.31 11.07 -7.86	156.56 11.26 -7.99	166.58 12.10 -6.98	183.14 13.42 -7.98	209.08 17.17 -9.24	203.61 16.49 -9.80	189.56 15.16 -7.73	182.76 14.20 -7.27	175.05 13.26 -7.60	167.78 12.78 -6.45	165.85 12.13 -5.84
NORTHPORT___2 23552	182.22 12.18 -7.78	173.48 12.01 -5.54	166.88 12.12 -1.29	165.30 12.00 -1.36	169.07 11.72 -1.21	180.70 13.63 -4.80	217.48 16.37 -23.04	229.17 18.39 -28.65	213.40 17.66 -20.86	205.14 17.33 -5.48	177.61 13.00 -7.89	163.42 12.21 -7.47	163.02 11.67 -7.24	157.31 11.07 -7.86	156.56 11.26 -7.99	166.58 12.10 -6.98	183.14 13.42 -7.98	209.08 17.17 -9.24	203.61 16.49 -9.80	189.56 15.16 -7.73	182.76 14.20 -7.27	175.05 13.26 -7.60	167.78 12.78 -6.45	165.85 12.13 -5.84
NORTHPORT___3 23553	179.39 9.57 -7.55	170.66 9.36 -5.37	164.23 9.52 -1.25	162.52 9.27 -1.31	166.21 8.90 -1.17	177.32 10.39 -4.65	213.84 12.99 -22.78	224.89 14.39 -28.36	210.08 14.51 -20.68	202.05 14.40 -5.31	175.04 10.66 -7.65	161.06 10.06 -7.26	160.80 9.66 -7.03	155.15 9.13 -7.64	154.42 9.34 -7.77	164.31 10.03 -6.78	180.64 11.15 -7.74	205.75 14.07 -9.01	200.58 13.65 -9.62	186.50 12.33 -7.50	179.96 11.62 -7.05	172.51 10.95 -7.37	165.21 10.40 -6.25	163.15 9.61 -5.66
NORTHPORT___4 23650	179.39 9.57 -7.55	170.66 9.36 -5.37	164.23 9.52 -1.25	162.52 9.27 -1.31	166.21 8.90 -1.17	177.32 10.39 -4.65	213.84 12.99 -22.78	224.89 14.39 -28.36	210.08 14.51 -20.68	202.05 14.40 -5.31	175.04 10.66 -7.65	161.06 10.06 -7.26	160.80 9.66 -7.03	155.15 9.13 -7.64	154.42 9.34 -7.77	164.31 10.03 -6.78	180.64 11.15 -7.74	205.75 14.07 -9.01	200.58 13.65 -9.62	186.50 12.33 -7.50	179.96 11.62 -7.05	172.51 10.95 -7.37	165.21 10.40 -6.25	163.15 9.61 -5.66
NORTHPORT___IC 23718	182.22 12.17 -7.78	173.32 11.85 -5.54	166.88 12.12 -1.29	165.30 12.00 -1.36	169.54 12.18 -1.21	180.54 13.47 -4.80	217.49 16.38 -23.04	229.00 18.21 -28.65	213.41 17.66 -20.86	205.13 17.32 -5.48	177.62 13.01 -7.89	163.43 12.22 -7.47	163.03 11.67 -7.24	157.31 11.07 -7.86	157.38 12.08 -7.99	166.72 12.24 -6.98	183.79 14.07 -7.98	209.45 17.54 -9.24	203.60 16.49 -9.80	189.57 15.17 -7.73	182.75 14.19 -7.27	175.67 13.88 -7.60	168.08 13.07 -6.45	165.84 12.13 -5.84
NORTH___COUNTRY_ESR 323785	161.94 -0.32 0.00	155.15 -0.78 0.00	152.55 -0.92 0.00	151.03 -0.91 0.00	155.21 -0.93 0.00	159.67 -2.60 0.00	173.98 -4.09 0.00	178.67 -3.47 0.00	171.21 -3.68 0.00	178.50 -3.84 0.00	154.68 -2.04 0.00	141.73 -2.01 0.00	142.82 -1.30 0.00	136.86 -1.52 0.00	135.80 -1.51 0.00	145.73 -1.76 0.00	159.15 -2.59 0.00	179.20 -3.48 0.00	174.12 -3.19 0.00	163.83 -2.83 0.00	158.39 -2.90 0.00	152.03 -2.16 0.00	147.22 -1.34 0.00	147.00 -0.88 0.00
NPX_GEN_1385_PROXY 323591	181.40 11.35 -7.78	172.70 11.23 -5.54	166.88 12.12 -1.29	165.30 12.00 -1.36	169.07 11.72 -1.21	181.18 14.11 -4.80	217.48 16.37 -23.04	230.82 20.04 -28.65	212.90 17.15 -20.86	202.94 15.13 -5.48	175.58 10.97 -7.89	161.56 10.36 -7.47	160.00 8.65 -7.24	154.54 8.30 -7.86	153.68 8.38 -7.99	163.63 9.15 -6.98	180.39 10.67 -7.98	206.70 14.79 -9.24	200.95 13.84 -9.80	187.06 12.66 -7.73	180.33 11.77 -7.27	171.81 10.02 -7.60	164.96 9.95 -6.45	163.91 10.20 -5.84
NPX_GEN_CSC 323557	186.56 15.25 -9.05	177.02 14.65 -6.44	169.87 14.88 -1.52	169.49 15.95 -1.60	173.18 15.61 -1.43	185.70 17.85 -5.58	223.89 21.36 -24.47	236.03 23.67 -30.23	219.60 22.90 -21.81	211.12 22.42 -6.37	181.56 15.67 -9.17	168.17 15.81 -8.62	167.61 15.13 -8.37	160.72 13.29 -9.05	161.21 14.70 -9.20	171.52 15.93 -8.09	187.84 16.82 -9.27	216.37 23.20 -10.49	210.81 22.70 -10.80	196.65 21.00 -8.99	189.25 19.51 -8.45	181.21 18.19 -8.83	173.13 17.08 -7.49	171.08 16.41 -6.79
NSINS_S___GLNS_FALLS 23858	175.08 12.82 0.00	168.09 12.16 0.00	164.67 11.20 0.00	163.48 11.55 0.00	168.32 12.18 0.00	175.42 13.14 0.00	255.13 15.67 -61.40	300.14 16.39 -101.61	255.31 15.74 -64.68	198.02 15.68 0.00	169.26 12.54 0.00	154.66 10.92 0.00	154.35 10.23 0.00	148.34 9.96 0.00	147.19 9.89 0.00	158.71 11.21 0.00	175.82 14.07 0.00	205.91 16.81 -6.43	209.37 16.31 -15.75	181.50 14.83 0.00	175.32 14.03 0.00	166.83 12.64 0.00	160.44 11.88 0.00	159.12 11.24 0.00
NUCOR_STEEL___DRP 24197	160.80 -1.46 0.00	154.68 -1.25 0.00	152.24 -1.23 0.00	150.72 -1.22 0.00	155.05 -1.09 0.00	161.95 -0.32 0.00	178.24 0.18 0.00	181.77 -0.36 0.00	174.36 -0.52 0.00	181.61 -0.73 0.00	155.47 -1.25 0.00	142.30 -1.44 0.00	142.67 -1.44 0.00	136.86 -1.52 0.00	136.07 -1.24 0.00	146.32 -1.18 0.00	160.77 -0.97 0.00	181.96 -0.73 -0.01	176.79 -0.53 -0.02	165.69 -1.00 -0.02	160.50 -0.81 -0.01	153.11 -1.08 0.00	147.22 -1.34 0.00	147.14 -0.74 0.00
NUMBER_THREE_WT_PWR 323818	162.91 0.65 0.00	156.87 0.94 0.00	154.39 0.93 0.00	153.01 1.07 0.00	157.24 1.10 0.00	164.06 1.79 0.00	180.74 2.67 0.00	185.42 3.28 0.00	176.99 2.11 0.00	183.97 1.64 0.00	157.97 1.25 0.00	144.32 0.58 0.00	145.98 1.87 0.00	140.17 1.79 0.00	139.23 1.92 0.00	149.71 2.22 0.00	165.15 3.40 0.00	187.61 4.93 0.00	182.27 4.96 0.00	170.33 3.66 0.00	164.51 3.22 0.00	155.73 1.54 0.00	150.93 2.37 0.00	150.54 2.66 0.00
NYISO_LBMP_REFERENCE 24008	162.26 0.00 0.00	155.93 0.00 0.00	153.46 0.00 0.00	151.94 0.00 0.00	156.14 0.00 0.00	162.27 0.00 0.00	178.06 0.00 0.00	182.14 0.00 0.00	174.89 0.00 0.00	182.33 0.00 0.00	156.72 0.00 0.00	143.74 0.00 0.00	144.11 0.00 0.00	138.38 0.00 0.00	137.31 0.00 0.00	147.50 0.00 0.00	161.74 0.00 0.00	182.68 0.00 0.00	177.31 0.00 0.00	166.67 0.00 0.00	161.29 0.00 0.00	154.19 0.00 0.00	148.56 0.00 0.00	147.88 0.00 0.00

NYPA_BRENTWD____GT 24164	187.60 14.76 -10.57	177.79 14.34 -7.53	169.85 14.59 -1.80	168.11 14.28 -1.89	172.04 14.21 -1.69	184.86 16.07 -6.52	223.66 19.41 -26.19	235.75 21.48 -32.13	218.82 20.98 -22.95	210.37 20.60 -7.44	183.10 15.67 -10.71	168.42 14.67 -10.01	167.97 14.13 -9.73	162.16 13.29 -10.50	161.57 13.60 -10.66	171.53 14.61 -9.42	188.91 16.33 -10.84	215.50 20.82 -12.01	209.52 20.21 -12.00	195.66 18.50 -10.50	188.43 17.27 -9.87	180.70 16.19 -10.32	172.62 15.30 -8.76	170.60 14.79 -7.93
NYPA_GOWANUS____GT5 24156	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NYPA_GOWANUS____GT6 24157	263.38 12.66 -88.46	259.25 12.48 -90.85	259.19 12.43 -93.31	248.51 11.86 -84.71	257.83 11.86 -89.83	263.21 12.99 -87.95	282.50 14.77 -89.67	517.60 16.20 -319.26	484.21 17.32 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.05 13.22 -196.09	264.09 12.82 -107.15	264.00 12.31 -113.31	263.99 12.36 -114.32	275.00 13.42 -114.08	437.79 15.04 -261.00	513.30 17.36 -313.26	514.88 16.85 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.82 14.34 -205.29	267.46 13.38 -105.53	264.17 12.86 -103.44
NYPA_HARLEM__RVR__GT1 24160	173.62 11.35 -0.01	167.64 11.70 -0.01	165.29 11.82 -0.01	163.35 11.40 -0.01	167.54 11.39 -0.01	174.60 12.33 0.00	205.13 12.83 -14.23	215.27 14.22 -18.92	205.28 15.39 -15.00	198.76 16.42 -0.01	170.88 13.31 -0.85	157.35 12.21 -1.40	157.34 12.11 -1.12	151.75 11.48 -1.89	150.86 11.54 -2.02	160.67 12.53 -0.64	175.02 13.27 -0.01	199.51 15.35 -1.48	196.02 15.06 -3.65	180.83 14.16 0.00	174.68 13.38 -0.01	167.30 13.10 -0.01	160.89 12.32 -0.01	159.43 11.54 -0.01
NYPA_HARLEM__RVR__GT2 24161	173.62 11.35 -0.01	167.64 11.70 -0.01	165.29 11.82 -0.01	163.35 11.40 -0.01	167.54 11.39 -0.01	174.60 12.33 0.00	205.13 12.83 -14.23	215.27 14.22 -18.92	205.28 15.39 -15.00	198.76 16.42 -0.01	170.88 13.31 -0.85	157.35 12.21 -1.40	157.34 12.11 -1.12	151.75 11.48 -1.89	150.86 11.54 -2.02	160.67 12.53 -0.64	175.02 13.27 -0.01	199.51 15.35 -1.48	196.02 15.06 -3.65	180.83 14.16 0.00	174.68 13.38 -0.01	167.30 13.10 -0.01	160.89 12.32 -0.01	159.43 11.54 -0.01
NYPA_KENT____GT 24152	225.08 12.18 -50.65	219.95 12.01 -52.01	218.86 11.98 -53.42	211.84 11.40 -48.50	218.97 11.39 -51.43	225.12 12.50 -50.35	249.74 14.25 -57.42	388.67 15.67 -190.87	365.27 16.79 -173.59	391.88 17.68 -191.86	280.67 13.94 -110.01	278.41 12.94 -121.73	223.46 12.53 -66.81	223.33 12.03 -72.92	223.31 12.09 -73.92	232.46 13.12 -71.84	328.30 14.39 -152.16	362.13 16.62 -162.83	359.61 16.30 -166.00	306.56 14.83 -125.06	298.84 14.35 -123.20	290.26 13.72 -122.35	223.78 12.92 -62.31	221.17 12.42 -60.87
NYPA_POUCH1____GT 24155	263.04 12.33 -88.46	258.95 12.17 -90.85	258.89 12.12 -93.31	248.35 11.70 -84.71	257.69 11.72 -89.83	262.89 12.67 -87.95	281.98 14.25 -89.67	516.87 15.47 -319.26	483.69 16.79 -292.01	529.01 17.51 -329.17	354.51 13.48 -184.31	352.33 12.50 -196.09	263.37 12.11 -107.15	263.44 11.76 -113.31	263.43 11.81 -114.32	274.27 12.69 -114.08	437.13 14.39 -261.00	512.56 16.62 -313.26	514.33 16.30 -320.72	563.71 15.01 -382.04	740.83 14.35 -565.19	373.20 13.72 -205.29	266.87 12.78 -105.53	263.74 12.42 -103.44
NYPA_VERNON____GT2 24162	186.79 11.69 -12.84	180.65 11.54 -13.18	178.52 11.52 -13.54	175.17 10.95 -12.29	180.10 10.93 -13.03	187.20 12.18 -12.75	217.14 13.90 -25.18	259.73 15.11 -62.48	246.33 16.27 -55.18	254.03 17.13 -54.56	206.06 13.63 -35.71	203.61 12.50 -47.37	182.83 12.24 -26.47	182.67 11.76 -32.53	182.64 11.81 -33.53	189.77 12.69 -29.59	219.14 14.06 -43.33	241.29 16.25 -42.36	237.86 15.78 -44.78	212.84 14.49 -31.68	206.38 13.87 -31.21	207.01 13.41 -39.41	180.12 12.48 -19.09	178.15 11.97 -18.30
NYPA_VERNON____GT3 24163	186.79 11.69 -12.84	180.65 11.54 -13.18	178.52 11.52 -13.54	175.17 10.95 -12.29	180.10 10.93 -13.03	187.20 12.18 -12.75	217.14 13.90 -25.18	259.73 15.11 -62.48	246.33 16.27 -55.18	254.03 17.13 -54.56	206.06 13.63 -35.71	203.61 12.50 -47.37	182.83 12.24 -26.47	182.67 11.76 -32.53	182.64 11.81 -33.53	189.77 12.69 -29.59	219.14 14.06 -43.33	241.29 16.25 -42.36	237.86 15.78 -44.78	212.84 14.49 -31.68	206.38 13.87 -31.21	207.01 13.41 -39.41	180.12 12.48 -19.09	178.15 11.97 -18.30
NYPA__ASTORIA_CC1 323568	173.79 11.52 -0.01	167.31 11.38 -0.01	164.83 11.36 -0.01	162.89 10.95 -0.01	166.92 10.77 -0.01	174.28 12.01 0.00	205.83 13.53 -14.24	215.81 14.75 -18.92	205.97 16.08 -15.00	205.97 16.76 -6.87	179.15 13.31 -9.12	177.00 12.36 -20.90	168.69 12.11 -12.47	168.70 11.63 -18.69	168.68 11.66 -19.71	174.00 12.53 -13.97	181.00 13.74 -5.52	200.05 15.88 -1.49	196.57 15.61 -3.65	180.83 14.16 0.00	175.00 13.70 -0.01	177.00 13.10 -9.71	164.69 12.32 -3.81	163.04 11.83 -3.32
NYPA__ASTORIA_CC2 323569	173.79 11.52 -0.01	167.31 11.38 -0.01	164.83 11.36 -0.01	162.89 10.95 -0.01	166.92 10.77 -0.01	174.28 12.01 0.00	205.83 13.53 -14.24	215.81 14.75 -18.92	205.97 16.08 -15.00	205.97 16.76 -6.87	179.15 13.31 -9.12	177.00 12.36 -20.90	168.69 12.11 -12.47	168.70 11.63 -18.69	168.68 11.66 -19.71	174.00 12.53 -13.97	181.00 13.74 -5.52	200.05 15.88 -1.49	196.57 15.61 -3.65	180.83 14.16 0.00	175.00 13.70 -0.01	177.00 13.10 -9.71	164.69 12.32 -3.81	163.04 11.83 -3.32
NYPA__HOLTSVILL 23794	184.64 13.46 -8.92	175.38 13.10 -6.35	168.31 13.34 -1.50	166.89 13.37 -1.58	170.67 13.12 -1.41	182.69 14.92 -5.50	220.36 17.98 -24.32	232.24 20.04 -30.06	216.18 19.58 -21.71	207.75 19.14 -6.27	180.02 14.26 -9.04	165.91 13.66 -8.50	165.48 13.11 -8.25	159.49 12.18 -8.93	159.01 12.62 -9.08	169.03 13.56 -7.97	185.76 14.87 -9.14	212.40 19.35 -10.37	206.80 18.79 -10.70	192.86 17.33 -8.86	185.90 16.28 -8.33	178.16 15.27 -8.71	170.65 14.71 -7.39	168.62 14.06 -6.69
NYPA__HELLGATE_GT1 24158	173.62 11.35 -0.01	167.64 11.70 -0.01	165.29 11.82 -0.01	163.35 11.40 -0.01	167.54 11.39 -0.01	174.60 12.33 0.00	205.13 12.83 -14.23	215.27 14.22 -18.92	205.28 15.39 -15.00	198.76 16.42 -0.01	170.10 13.31 -0.06	176.95 12.21 -21.00	172.98 12.11 -16.75	178.29 11.48 -28.43	179.18 11.54 -30.34	169.60 12.53 -9.57	175.02 13.27 -0.01	199.51 15.35 -1.48	196.02 15.06 -3.65	180.83 14.16 0.00	174.68 13.38 -0.01	167.30 13.10 -0.01	160.89 12.32 -0.01	159.43 11.54 -0.01
NYPA__HELLGATE_GT2 24159	173.62 11.35 -0.01	167.64 11.70 -0.01	165.29 11.82 -0.01	163.35 11.40 -0.01	167.54 11.39 -0.01	174.60 12.33 0.00	205.13 12.83 -14.23	215.27 14.22 -18.92	205.28 15.39 -15.00	198.76 16.42 -0.01	170.10 13.31 -0.06	176.95 12.21 -21.00	172.98 12.11 -16.75	178.29 11.48 -28.43	179.18 11.54 -30.34	169.60 12.53 -9.57	175.02 13.27 -0.01	199.51 15.35 -1.48	196.02 15.06 -3.65	180.83 14.16 0.00	174.68 13.38 -0.01	167.30 13.10 -0.01	160.89 12.32 -0.01	159.43 11.54 -0.01
NYS_BARGE__HYD 23848	145.71 -16.55 0.00	140.19 -15.74 0.00	138.58 -14.88 0.00	136.89 -15.04 0.00	140.85 -15.30 0.00	147.35 -14.93 0.00	161.95 -18.34 -2.22	162.19 -22.41 -2.47	155.88 -21.34 -2.34	161.66 -22.07 -1.39	137.28 -19.44 0.00	125.91 -17.83 0.00	126.24 -17.88 0.00	120.53 -17.85 0.00	119.73 -17.58 0.00	129.35 -18.15 0.00	140.39 -21.35 0.00	158.25 -24.67 -0.24	153.61 -24.29 -0.59	143.37 -23.33 -0.04	139.04 -22.26 -0.01	133.36 -20.82 0.01	128.65 -19.90 0.00	132.79 -15.09 0.00

OAK ORCHARD___HYD 24046	153.99 -8.27 0.00	147.98 -7.95 0.00	145.95 -7.52 0.00	144.49 -7.44 0.00	148.65 -7.49 0.00	155.61 -6.66 0.00	170.23 -7.83 0.00	172.30 -9.84 0.00	165.44 -9.45 0.00	172.17 -11.48 -1.32	147.63 -9.09 0.00	135.40 -8.34 0.00	135.61 -8.50 0.00	129.80 -8.58 0.00	129.07 -8.23 0.00	139.10 -8.40 0.00	151.87 -9.87 0.00	171.51 -11.15 0.01	165.94 -11.35 0.02	155.48 -11.17 0.02	150.63 -10.65 0.01	144.17 -10.02 0.00	138.60 -9.95 0.00	140.64 -7.24 0.00
OAKDALE___35_KV_LOAD 356122	160.96 -1.30 0.00	154.84 -1.09 0.00	152.70 -0.77 0.00	151.02 -0.91 0.00	155.36 -0.78 0.00	162.11 -0.16 0.00	183.62 0.18 -5.37	188.82 -0.73 -7.41	179.85 -0.70 -5.66	182.52 0.18 0.00	155.47 -1.25 0.00	142.45 -1.29 0.00	142.67 -1.44 0.00	136.99 -1.38 0.00	136.07 -1.24 0.00	146.32 -1.18 0.00	160.61 -1.13 0.00	182.13 -1.10 -0.55	177.61 -1.06 -1.36	165.30 -1.33 0.03	159.98 -1.29 0.02	152.80 -1.39 0.01	146.92 -1.63 0.00	147.44 -0.44 0.00
OCC_CHEM___DRP 24175	144.74 -17.52 0.00	139.40 -16.53 0.00	137.81 -15.65 0.00	136.13 -15.80 0.00	140.06 -16.08 0.00	146.21 -16.06 0.00	160.41 -19.94 -2.29	160.82 -23.86 -2.54	154.21 -23.09 -2.41	146.00 -24.80 11.53	135.88 -20.84 0.00	124.62 -19.12 0.00	124.95 -19.17 0.00	119.42 -18.96 0.00	118.91 -18.40 0.00	127.88 -19.62 0.00	138.45 -23.29 0.00	155.86 -27.04 -0.21	151.27 -26.60 -0.55	141.12 -25.50 0.04	137.39 -23.87 0.03	132.13 -22.05 0.01	127.61 -20.95 0.00	131.91 -15.97 0.00
OH_GEN_PROXY 24063	146.19 -16.07 0.00	140.81 -15.12 0.00	139.20 -14.27 0.00	137.50 -14.44 0.00	141.46 -14.68 0.00	147.67 -14.60 0.00	162.35 -17.98 -2.27	162.79 -21.86 -2.52	156.46 -20.82 -2.39	148.10 -21.89 12.35	137.59 -19.13 0.00	126.20 -17.54 0.00	126.53 -17.59 0.00	121.08 -17.30 0.00	120.14 -17.17 0.00	129.79 -17.70 0.00	140.72 -21.02 0.00	158.96 -23.92 -0.21	153.91 -23.94 -0.54	143.78 -22.83 0.06	139.48 -21.78 0.03	133.99 -20.19 0.01	129.39 -19.16 0.00	133.39 -14.49 0.00
OLIN_CORP_DRP 24177	144.25 -18.01 0.00	138.78 -17.15 0.00	137.35 -16.11 0.00	135.68 -16.26 0.00	139.59 -16.55 0.00	145.72 -16.55 0.00	159.90 -20.48 -2.31	160.48 -24.22 -2.57	153.89 -23.43 -2.44	149.01 -24.80 8.53	135.56 -21.16 0.00	124.34 -19.40 0.00	124.52 -19.60 0.00	119.14 -19.23 0.00	118.63 -18.67 0.00	127.73 -19.76 0.00	138.29 -23.45 0.00	155.50 -27.40 -0.22	151.29 -26.60 -0.57	141.15 -25.50 0.02	137.24 -24.03 0.02	131.98 -22.20 0.01	127.46 -21.10 0.00	131.61 -16.27 0.00
OLIN_CORP_DSASP 323712	144.73 -17.53 0.00	139.40 -16.53 0.00	137.81 -15.66 0.00	136.13 -15.80 0.00	140.06 -16.08 0.00	146.20 -16.07 0.00	160.41 -19.94 -2.29	160.45 -24.22 -2.54	154.21 -23.09 -2.41	146.37 -24.43 11.53	135.88 -20.84 0.00	124.62 -19.12 0.00	124.95 -19.17 0.00	119.43 -18.95 0.00	118.50 -18.81 0.00	128.03 -19.47 0.00	138.61 -23.13 0.00	156.40 -26.49 -0.21	151.26 -26.60 -0.55	141.45 -25.17 0.04	137.23 -24.03 0.03	131.82 -22.36 0.01	127.46 -21.09 0.00	131.91 -15.97 0.00
ONEIDA_HERK_LFGE 323681	165.19 2.92 0.00	159.05 3.12 0.00	156.53 3.07 0.00	155.13 3.20 0.00	159.57 3.43 0.00	166.66 4.38 0.00	183.59 5.53 0.00	187.96 5.83 0.00	179.96 5.07 0.00	187.26 4.92 0.00	160.48 3.76 0.00	146.90 3.16 0.00	147.86 3.74 0.00	141.84 3.46 0.00	140.74 3.43 0.00	151.48 3.98 0.00	166.76 5.02 0.00	189.07 6.39 0.00	183.68 6.37 0.00	171.84 5.17 0.00	166.12 4.83 0.00	157.89 3.69 0.00	152.27 3.72 0.00	151.87 3.99 0.00
ONEIDA___115KV_TB4 55905	166.32 4.06 0.00	160.14 4.21 0.00	157.76 4.30 0.00	156.19 4.25 0.00	160.83 4.68 0.00	168.11 5.84 0.00	185.37 7.30 0.00	189.60 7.47 0.00	181.53 6.65 0.00	189.08 6.75 0.00	161.89 5.17 0.00	148.20 4.46 0.00	148.58 4.47 0.00	142.53 4.15 0.00	141.42 4.12 0.00	152.22 4.72 0.00	167.57 5.82 0.00	189.80 7.12 0.00	184.23 6.92 0.00	172.33 5.67 0.00	166.61 5.32 0.00	158.82 4.63 0.00	152.72 4.16 0.00	152.32 4.44 0.00
ONONDAGA_REF_OCCRA 23987	159.99 -2.27 0.00	153.75 -2.18 0.00	151.47 -2.00 0.00	149.96 -1.98 0.00	154.27 -1.87 0.00	160.97 -1.30 0.00	177.17 -0.89 0.00	181.04 -1.09 0.00	173.66 -1.22 0.00	180.88 -1.46 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	142.39 -1.73 0.00	136.58 -1.80 0.00	135.66 -1.65 0.00	145.88 -1.62 0.00	160.13 -1.62 0.00	181.22 -1.46 -0.01	175.90 -1.42 -0.01	164.85 -1.83 -0.01	159.69 -1.61 -0.01	152.34 -1.85 0.00	146.48 -2.08 0.00	146.25 -1.63 0.00
ONONDAGA___COGEN 23986	159.99 -2.27 0.00	153.90 -2.03 0.00	151.47 -2.00 0.00	149.96 -1.98 0.00	154.27 -1.87 0.00	160.97 -1.30 0.00	177.17 -0.89 0.00	180.86 -1.27 0.00	173.66 -1.22 0.00	180.69 -1.64 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	142.24 -1.87 0.00	136.44 -1.94 0.00	135.52 -1.78 0.00	145.73 -1.77 0.00	159.96 -1.78 0.00	181.03 -1.64 0.00	175.71 -1.60 0.00	164.83 -1.83 0.00	159.52 -1.77 0.00	152.34 -1.85 0.00	146.48 -2.08 0.00	146.25 -1.63 0.00
ONTARIO___LFGE 23819	157.55 -4.71 0.00	151.56 -4.37 0.00	149.47 -3.99 0.00	147.99 -3.95 0.00	152.39 -3.75 0.00	159.67 -2.60 0.00	177.91 -2.32 -2.16	181.07 -3.47 -2.40	173.48 -3.68 -2.28	185.95 -3.84 -7.46	152.17 -4.55 0.00	139.28 -4.46 0.00	139.65 -4.47 0.00	133.82 -4.56 0.00	133.05 -4.26 0.00	143.37 -4.13 0.00	157.54 -4.21 0.00	178.67 -4.19 -0.19	173.92 -3.90 -0.51	162.27 -4.33 0.06	157.06 -4.19 0.04	149.70 -4.48 0.01	143.80 -4.76 0.00	144.63 -3.25 0.00
ORANGEVILLE_WT_PWR 323706	149.12 -13.14 0.00	143.45 -12.48 0.00	141.65 -11.81 0.00	140.09 -11.85 0.00	144.59 -11.55 0.00	151.23 -11.04 0.00	167.88 -12.99 -2.80	169.04 -16.21 -3.11	162.10 -15.74 -2.95	118.92 -15.13 48.29	141.37 -15.35 0.00	129.94 -13.80 0.00	130.42 -13.69 0.00	124.82 -13.56 0.00	123.85 -13.45 0.00	134.08 -13.42 0.00	146.53 -15.21 0.00	165.75 -17.18 -0.26	161.13 -16.85 -0.67	150.10 -16.50 0.06	145.61 -15.64 0.04	139.23 -14.95 0.01	134.15 -14.41 0.00	137.23 -10.65 0.00
ORANGEVILLE___ESR 323794	149.12 -13.14 0.00	143.45 -12.48 0.00	141.65 -11.81 0.00	140.09 -11.85 0.00	144.59 -11.55 0.00	151.23 -11.04 0.00	167.88 -12.99 -2.80	169.04 -16.21 -3.11	162.10 -15.74 -2.95	118.92 -15.13 48.29	141.37 -15.35 0.00	129.94 -13.80 0.00	130.42 -13.69 0.00	124.82 -13.56 0.00	123.85 -13.45 0.00	134.08 -13.42 0.00	146.53 -15.21 0.00	165.75 -17.18 -0.26	161.13 -16.85 -0.67	150.10 -16.50 0.06	145.61 -15.64 0.04	139.23 -14.95 0.01	134.15 -14.41 0.00	137.23 -10.65 0.00
OSWEGATCHIE___HYD 24044	161.62 -0.65 0.00	155.31 -0.62 0.00	152.85 -0.61 0.00	151.33 -0.61 0.00	155.21 -0.93 0.00	160.49 -1.78 0.00	175.40 -2.67 0.00	180.32 -1.82 0.00	172.27 -2.62 0.00	179.23 -3.10 0.00	154.85 -1.87 0.00	141.73 -2.01 0.00	142.96 -1.16 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	145.73 -1.76 0.00	160.13 -1.62 0.00	181.59 -1.09 0.00	176.43 -0.88 0.00	165.51 -1.16 0.00	159.84 -1.45 0.00	153.12 -1.07 0.00	148.41 -0.15 0.00	148.03 0.15 0.00
OSWEGO___5 23606	157.06 -5.20 0.00	150.93 -5.00 0.00	148.71 -4.76 0.00	147.23 -4.71 0.00	151.30 -4.84 0.00	157.73 -4.54 0.00	173.27 -4.80 0.00	177.04 -5.10 0.00	169.81 -5.08 0.00	176.87 -5.47 0.00	151.86 -4.86 0.00	139.28 -4.46 0.00	139.50 -4.62 0.00	133.82 -4.56 0.00	132.91 -4.40 0.00	142.77 -4.73 0.00	156.73 -5.02 0.00	177.20 -5.48 0.00	171.81 -5.50 0.00	161.33 -5.34 0.00	156.12 -5.17 0.00	149.11 -5.08 0.00	143.51 -5.05 0.00	143.29 -4.59 0.00

OSWEGO___6 23613	157.06 -5.20 0.00	150.93 -5.00 0.00	148.71 -4.76 0.00	147.23 -4.71 0.00	151.30 -4.84 0.00	157.73 -4.54 0.00	173.27 -4.80 0.00	177.04 -5.10 0.00	169.81 -5.08 0.00	176.87 -5.47 0.00	151.86 -4.86 0.00	139.28 -4.46 0.00	139.50 -4.62 0.00	133.82 -4.56 0.00	132.91 -4.40 0.00	142.77 -4.73 0.00	156.73 -5.02 0.00	177.20 -5.48 0.00	171.81 -5.50 0.00	161.33 -5.34 0.00	156.12 -5.17 0.00	149.11 -5.08 0.00	143.51 -5.05 0.00	143.29 -4.59 0.00
OUTOKUMPU-AB___DRP 24206	147.82 -14.44 0.00	142.21 -13.72 0.00	140.57 -12.89 0.00	138.87 -13.07 0.00	143.03 -13.12 0.00	149.29 -12.98 0.00	164.37 -16.03 -2.33	165.06 -19.67 -2.59	158.46 -18.89 -2.46	154.50 -19.33 8.51	139.17 -17.55 0.00	127.79 -15.96 0.00	127.97 -16.14 0.00	122.05 -16.33 0.00	121.38 -15.93 0.00	130.68 -16.81 0.00	141.69 -20.06 0.00	159.52 -23.38 -0.23	155.37 -22.52 -0.58	144.82 -21.83 0.02	140.63 -20.65 0.02	134.91 -19.27 0.01	130.14 -18.42 0.00	134.27 -13.60 0.00
OXBOW___BTM 323836	146.52 -15.74 0.00	140.96 -14.97 0.00	139.50 -13.96 0.00	137.81 -14.13 0.00	141.78 -14.36 0.00	147.99 -14.28 0.00	162.74 -17.63 -2.31	162.84 -21.86 -2.56	156.51 -20.82 -2.43	150.84 -21.33 10.16	137.91 -18.81 0.00	126.49 -17.25 0.00	126.82 -17.30 0.00	120.94 -17.44 0.00	120.00 -17.30 0.00	129.65 -17.85 0.00	140.56 -21.18 0.00	158.42 -24.47 -0.22	153.59 -24.29 -0.57	143.47 -23.16 0.03	139.33 -21.93 0.02	133.53 -20.66 0.01	128.94 -19.61 0.00	133.24 -14.64 0.00
OXBOW____ 24026	146.52 -15.74 0.00	140.96 -14.97 0.00	139.50 -13.97 0.00	137.81 -14.13 0.00	141.78 -14.37 0.00	147.99 -14.28 0.00	162.75 -17.63 -2.31	163.21 -21.49 -2.56	156.68 -20.64 -2.43	150.47 -21.70 10.16	137.76 -18.96 0.00	126.49 -17.25 0.00	126.68 -17.44 0.00	120.94 -17.44 0.00	120.42 -16.89 0.00	129.50 -17.99 0.00	140.39 -21.35 0.00	158.05 -24.84 -0.22	153.76 -24.11 -0.57	143.30 -23.33 0.03	139.33 -21.94 0.02	133.83 -20.35 0.01	129.10 -19.46 0.00	133.39 -14.49 0.00
OXY_CHEM_DSASP 323612	144.74 -17.52 0.00	139.40 -16.53 0.00	137.81 -15.65 0.00	136.13 -15.80 0.00	140.06 -16.08 0.00	146.21 -16.06 0.00	160.41 -19.94 -2.29	160.82 -23.86 -2.54	154.21 -23.09 -2.41	146.00 -24.80 11.53	135.88 -20.84 0.00	124.62 -19.12 0.00	124.95 -19.17 0.00	119.42 -18.96 0.00	118.91 -18.40 0.00	127.88 -19.62 0.00	138.45 -23.29 0.00	155.86 -27.04 -0.21	151.27 -26.60 -0.55	141.12 -25.50 0.04	137.39 -23.87 0.03	132.13 -22.05 0.01	127.61 -20.95 0.00	131.91 -15.97 0.00
OZONE_PARK_ESR 323760	174.43 12.17 0.00	167.94 12.01 0.00	165.43 11.97 0.00	163.33 11.40 0.00	167.70 11.55 0.00	174.77 12.49 0.00	207.44 15.14 -14.24	217.63 16.57 -18.92	207.03 17.14 -15.00	200.40 18.05 -0.01	171.43 14.26 -0.45	168.15 13.22 -11.19	166.01 12.97 -8.92	165.84 12.32 -15.15	166.10 12.63 -16.17	166.02 13.42 -5.10	176.79 15.04 0.00	201.52 17.35 -1.49	197.81 16.84 -3.65	182.00 15.33 0.00	175.97 14.68 0.00	168.22 14.03 0.00	161.78 13.22 0.00	160.45 12.57 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	144.74 -17.52 0.00	139.40 -16.53 0.00	137.81 -15.65 0.00	136.13 -15.80 0.00	140.06 -16.08 0.00	146.21 -16.06 0.00	160.41 -19.94 -2.29	160.82 -23.86 -2.54	154.21 -23.09 -2.41	146.00 -24.80 11.53	135.88 -20.84 0.00	124.62 -19.12 0.00	124.95 -19.17 0.00	119.42 -18.96 0.00	118.91 -18.40 0.00	127.88 -19.62 0.00	138.45 -23.29 0.00	155.86 -27.04 -0.21	151.27 -26.60 -0.55	141.12 -25.50 0.04	137.39 -23.87 0.03	132.13 -22.05 0.01	127.61 -20.95 0.00	131.91 -15.97 0.00
PACKARD__115KV_DUPONT_184 80571	144.74 -17.52 0.00	139.40 -16.53 0.00	137.81 -15.65 0.00	136.13 -15.80 0.00	140.06 -16.08 0.00	146.21 -16.06 0.00	160.41 -19.94 -2.29	160.82 -23.86 -2.54	154.21 -23.09 -2.41	146.00 -24.80 11.53	135.88 -20.84 0.00	124.62 -19.12 0.00	124.95 -19.17 0.00	119.42 -18.96 0.00	118.91 -18.40 0.00	127.88 -19.62 0.00	138.45 -23.29 0.00	155.86 -27.04 -0.21	151.27 -26.60 -0.55	141.12 -25.50 0.04	137.39 -23.87 0.03	132.13 -22.05 0.01	127.61 -20.95 0.00	131.91 -15.97 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	173.47 11.20 -0.01	167.32 11.38 -0.01	164.83 11.36 -0.01	162.88 10.94 -0.01	167.39 11.24 -0.01	173.96 11.68 0.00	205.13 12.82 -14.24	214.90 13.84 -18.92	205.11 15.22 -15.00	198.39 16.05 -0.01	169.28 12.54 -0.02	155.77 11.64 -0.38	155.81 11.39 -0.31	149.83 10.93 -0.52	149.11 11.26 -0.55	159.62 11.95 -0.18	175.01 13.26 -0.01	199.51 15.34 -1.49	195.68 14.72 -3.65	180.33 13.67 0.00	174.36 13.06 -0.01	166.69 12.49 -0.01	160.30 11.74 -0.01	158.98 11.09 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	175.09 12.82 -0.01	168.88 12.94 -0.01	166.36 12.89 -0.01	164.40 12.46 -0.01	168.95 12.80 -0.01	175.42 13.14 0.00	206.73 14.42 -14.24	216.73 15.66 -18.92	206.68 16.79 -15.00	199.85 17.50 -0.01	170.53 13.79 -0.02	156.92 12.79 -0.38	156.82 12.39 -0.31	150.80 11.90 -0.52	150.08 12.22 -0.55	160.66 12.98 -0.18	176.15 14.40 -0.01	200.79 16.62 -1.49	197.10 16.14 -3.65	181.67 15.00 0.00	175.65 14.35 -0.01	167.92 13.72 -0.01	161.49 12.92 -0.01	160.31 12.42 -0.01
PATROON__115KV_TB1 80586	168.75 6.49 0.00	162.01 6.08 0.00	159.30 5.83 0.00	157.86 5.93 0.00	162.39 6.25 0.00	169.09 6.82 0.00	229.56 7.66 -43.84	260.17 7.65 -70.38	228.59 7.52 -46.18	190.36 8.02 0.00	163.62 6.90 0.00	150.21 6.47 0.00	150.17 6.05 0.00	144.47 6.09 0.00	142.66 5.35 0.00	153.10 5.60 0.00	168.21 6.47 0.00	194.57 7.31 -4.59	195.65 7.09 -11.25	173.17 6.50 0.00	167.42 6.13 0.00	160.05 5.86 0.00	155.09 6.54 0.00	154.09 6.21 0.00
PATTRSNVILLE___SOLAR 323815	170.21 7.95 0.00	163.57 7.64 0.00	160.53 7.06 0.00	159.08 7.14 0.00	163.64 7.49 0.00	170.54 8.27 0.00	252.89 9.97 -64.86	300.19 10.19 -107.86	252.82 9.61 -68.32	191.27 8.93 0.00	163.45 6.73 0.00	149.50 5.76 0.00	149.59 5.47 0.00	143.77 5.39 0.00	142.80 5.50 0.00	154.14 6.64 0.00	170.31 8.57 0.00	199.69 10.22 -6.79	203.87 9.92 -16.64	175.66 8.99 0.00	169.83 8.54 0.00	162.20 8.01 0.00	155.98 7.42 0.00	154.98 7.10 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	149.44 -12.82 0.00	143.77 -12.16 0.00	142.11 -11.36 0.00	140.24 -11.70 0.00	144.59 -11.55 0.00	150.91 -11.36 0.00	166.93 -13.71 -2.57	168.06 -16.94 -2.86	161.33 -16.26 -2.71	160.12 -10.21 12.00	141.36 -15.36 0.00	129.80 -13.94 0.00	130.14 -13.98 0.00	124.54 -13.84 0.00	123.85 -13.46 0.00	133.49 -14.01 0.00	145.25 -16.50 0.00	164.47 -18.45 -0.24	160.56 -17.38 -0.63	150.12 -16.50 0.04	144.97 -16.29 0.03	138.15 -16.04 0.01	132.96 -15.60 0.00	136.79 -11.09 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	174.27 12.01 0.00	167.31 11.38 0.00	164.97 11.51 0.00	163.03 11.09 0.00	167.54 11.40 0.00	174.77 12.49 0.00	207.86 15.31 -14.48	218.18 16.76 -19.28	206.93 16.79 -15.26	199.66 17.32 0.00	170.83 14.10 0.00	156.53 12.79 0.00	156.80 12.68 0.00	150.28 11.90 0.00	149.39 12.08 0.00	160.62 13.13 0.00	176.46 14.72 0.00	201.18 16.99 -1.52	197.34 16.31 -3.72	181.67 15.00 0.00	175.81 14.52 0.00	167.91 13.72 0.00	161.48 12.92 0.00	159.86 11.98 0.00
PEEKSKILL____ 23653	171.67 9.41 0.00	165.13 9.20 0.00	162.67 9.21 0.00	160.75 8.81 0.00	164.88 8.74 0.00	172.34 10.06 0.00	204.09 11.93 -14.10	213.99 13.12 -18.73	203.20 13.47 -14.85	196.19 13.85 0.00	167.54 10.81 -0.01	153.91 9.91 -0.26	153.98 9.66 -0.20	148.00 9.27 -0.35	147.02 9.34 -0.37	157.65 10.03 -0.12	172.90 11.15 0.00	197.12 12.97 -1.48	193.52 12.59 -3.62	178.16 11.49 0.00	172.41 11.12 0.00	164.82 10.63 0.00	158.36 9.80 0.00	157.05 9.17 0.00

PGE MADISON___WINDPWR 24146	173.30 11.04 0.00	167.47 11.54 0.00	165.12 11.66 0.00	163.64 11.70 0.00	168.47 12.33 0.00	177.70 15.42 0.00	203.82 19.24 -6.52	210.97 19.50 -9.34	198.72 16.96 -6.87	202.53 17.68 -2.52	169.72 13.00 0.00	155.82 12.08 0.00	156.51 12.40 0.00	149.86 11.48 0.00	148.84 11.54 0.00	161.22 13.72 0.00	178.72 16.98 0.00	204.95 21.55 -0.73	200.31 21.27 -1.73	184.58 17.84 -0.07	178.11 16.77 -0.05	168.86 14.66 -0.01	161.33 12.78 0.00	161.48 13.60 0.00
PIERCEFIELD___HYD 23852	161.45 -0.81 0.00	154.99 -0.94 0.00	152.39 -1.07 0.00	150.87 -1.06 0.00	154.27 -1.87 0.00	158.22 -4.06 0.00	171.30 -6.77 0.00	176.13 -6.01 0.00	168.59 -6.30 0.00	175.59 -6.75 0.00	152.96 -3.76 0.00	140.00 -3.74 0.00	141.23 -2.88 0.00	135.33 -3.04 0.00	134.15 -3.16 0.00	143.07 -4.42 0.00	156.41 -5.34 0.00	176.83 -5.85 0.00	171.99 -5.32 0.00	162.00 -4.67 0.00	156.61 -4.68 0.00	151.26 -2.93 0.00	147.22 -1.34 0.00	146.84 -1.04 0.00
PINELAWN_CC_1 323563	195.81 14.44 -19.11	183.58 14.04 -13.61	170.80 14.11 -3.23	169.16 13.82 -3.40	172.75 13.58 -3.03	189.48 15.42 -11.78	232.57 18.69 -35.81	245.48 20.58 -42.77	224.35 20.10 -29.36	215.84 20.06 -13.45	191.43 15.37 -19.34	175.77 14.23 -17.79	175.29 13.84 -17.34	170.09 13.15 -18.56	169.46 13.31 -18.84	178.85 14.46 -16.89	197.50 16.17 -19.59	223.08 19.91 -20.49	215.55 19.50 -18.73	203.29 17.66 -18.96	195.73 16.62 -17.82	188.56 15.74 -18.64	179.24 14.85 -15.83	176.41 14.20 -14.34
PJM_GEN_HTP_PROXY 323702	172.80 10.54 0.00	166.38 10.45 0.00	163.91 10.44 0.00	161.81 9.87 0.00	165.99 9.84 0.00	173.46 11.19 0.00	205.67 13.36 -14.24	215.63 14.58 -18.92	205.10 15.21 -15.00	198.20 15.86 -0.01	169.54 12.54 -0.27	162.19 11.64 -6.82	160.94 11.38 -5.44	158.41 10.80 -9.23	158.00 10.84 -9.85	162.41 11.80 -3.11	174.69 12.94 0.00	199.15 14.98 -1.49	195.51 14.54 -3.65	179.83 13.16 0.00	174.03 12.74 0.00	166.53 12.34 0.00	160.00 11.44 0.00	158.67 10.79 0.00
PJM_GEN_KEystone 24065	107.35 -1.30 53.61	95.42 -0.93 59.58	94.97 -0.61 57.88	99.86 -0.91 51.17	109.12 -1.09 45.94	110.77 -0.32 51.18	152.27 -0.36 25.44	157.38 -1.27 23.49	130.27 -0.70 43.92	91.82 0.55 91.06	82.95 -1.72 72.05	78.37 -1.44 63.93	73.00 -1.58 69.53	68.92 -1.80 67.66	67.39 -1.64 68.27	70.69 -1.47 75.33	90.72 -1.78 69.25	108.50 -2.01 72.17	111.80 -1.77 63.74	93.18 -2.17 71.32	82.70 -1.93 76.66	76.60 -2.01 75.58	65.67 -2.08 80.81	55.98 -0.59 91.31
PJM_GEN_NEPTUNE_PROXY 323594	177.80 12.82 -2.72	170.49 12.62 -1.94	166.43 12.59 -0.38	164.64 12.30 -0.40	168.52 12.02 -0.35	177.58 13.63 -1.68	211.77 16.37 -17.33	222.14 17.66 -22.34	209.44 17.49 -17.06	201.93 17.68 -1.91	173.12 13.63 -2.77	159.25 12.65 -2.86	159.24 12.40 -2.73	153.21 11.76 -3.08	152.39 11.94 -3.15	162.88 12.83 -2.55	178.60 14.06 -2.79	203.68 16.80 -4.21	199.43 16.30 -5.81	184.39 15.01 -2.72	178.04 14.20 -2.55	170.43 13.57 -2.67	163.89 13.08 -2.25	162.48 12.56 -2.04
PJM_GEN_VFT_PROXY 323633	168.53 9.57 3.31	162.05 9.51 3.39	159.50 9.52 3.49	157.73 8.96 3.17	161.68 8.90 3.36	169.04 10.06 3.29	201.59 12.11 -11.42	203.31 13.48 -7.69	193.69 14.16 -4.64	191.92 14.76 5.18	168.93 11.76 -0.45	165.71 10.79 -11.19	163.55 10.51 -8.92	163.62 10.10 -15.15	163.63 10.16 -16.17	163.51 10.91 -5.10	169.67 11.97 4.04	187.70 14.07 9.05	184.01 13.65 6.95	170.83 12.33 8.17	165.02 11.77 8.04	165.76 11.57 0.00	159.26 10.70 0.00	157.52 10.06 0.42
PLATSBURG_115KV_PMLD1 355749	164.21 1.95 0.00	157.33 1.40 0.00	154.69 1.23 0.00	153.15 1.22 0.00	157.08 0.94 0.00	162.11 -0.16 0.00	175.75 -2.31 0.00	180.50 -1.64 0.00	172.79 -2.10 0.00	180.15 -2.19 0.00	156.09 -0.63 0.00	143.02 -0.72 0.00	143.97 -0.14 0.00	137.96 -0.42 0.00	136.89 -0.41 0.00	146.91 -0.59 0.00	160.29 -1.46 0.00	180.67 -2.01 0.00	175.71 -1.60 0.00	165.17 -1.50 0.00	159.68 -1.61 0.00	153.27 -0.93 0.00	148.41 -0.15 0.00	149.21 1.33 0.00
PLEASANTVLY___LBMP 24000	171.19 8.92 0.00	164.51 8.58 0.00	162.06 8.59 0.00	160.29 8.36 0.00	164.73 8.59 0.00	171.68 9.41 0.00	204.18 11.22 -14.90	213.80 11.84 -19.82	202.65 12.07 -15.69	194.92 12.58 0.00	166.44 9.72 0.00	152.80 9.06 0.00	152.91 8.79 0.00	146.82 8.44 0.00	145.96 8.65 0.00	156.64 9.14 0.00	172.10 10.35 0.00	196.29 12.06 -1.56	192.66 11.53 -3.82	177.17 10.50 0.00	171.45 10.16 0.00	163.90 9.71 0.00	157.62 9.06 0.00	156.46 8.58 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	172.32 10.06 0.00	165.75 9.82 0.00	163.29 9.82 0.00	161.36 9.42 0.00	165.82 9.68 0.00	172.82 10.55 0.00	205.05 12.64 -14.34	215.03 13.84 -19.05	204.16 14.17 -15.11	197.10 14.77 0.00	168.30 11.60 0.02	153.90 10.64 0.48	154.11 10.38 0.38	147.70 9.96 0.65	146.91 10.30 0.69	158.19 10.91 0.22	174.04 12.29 0.00	198.43 14.25 -1.50	194.64 13.65 -3.68	179.17 12.50 0.00	173.23 11.94 0.00	165.60 11.41 0.00	159.10 10.55 0.00	157.79 9.91 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	172.32 10.06 0.00	165.75 9.82 0.00	163.29 9.82 0.00	161.36 9.42 0.00	165.82 9.68 0.00	172.82 10.55 0.00	205.05 12.64 -14.34	215.03 13.84 -19.05	204.16 14.17 -15.11	197.10 14.77 0.00	168.30 11.60 0.02	153.90 10.64 0.48	154.11 10.38 0.38	147.70 9.96 0.65	146.91 10.30 0.69	158.19 10.91 0.22	174.04 12.29 0.00	198.43 14.25 -1.50	194.64 13.65 -3.68	179.17 12.50 0.00	173.23 11.94 0.00	165.60 11.41 0.00	159.10 10.55 0.00	157.79 9.91 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	172.81 10.55 0.00	166.07 10.14 0.00	163.59 10.13 0.00	161.81 9.88 0.00	166.29 10.15 0.00	173.31 11.03 0.00	206.26 13.18 -15.01	216.51 14.21 -20.16	205.04 14.34 -15.82	196.92 14.59 0.00	168.16 11.44 0.00	154.23 10.49 0.00	154.35 10.23 0.00	148.20 9.82 0.00	147.33 10.02 0.00	158.26 10.77 0.00	174.04 12.29 0.00	198.68 14.43 -1.57	194.99 13.83 -3.85	179.33 12.67 0.00	173.55 12.26 0.00	165.75 11.56 0.00	159.40 10.84 0.00	158.08 10.20 0.00
POLETTI___ 23519	172.48 10.22 0.00	166.22 10.29 0.00	163.75 10.28 0.00	161.81 9.88 0.00	166.29 10.15 0.00	172.82 10.55 0.00	205.11 12.82 -14.23	215.25 14.21 -18.91	204.74 14.87 -14.99	198.02 15.68 0.00	169.71 12.54 -0.45	166.71 11.79 -11.18	164.56 11.53 -8.92	164.59 11.07 -15.14	164.72 11.26 -16.16	164.54 11.95 -5.10	174.68 12.94 0.00	199.13 14.98 -1.48	195.31 14.36 -3.64	179.67 13.00 0.00	173.71 12.42 0.00	166.53 12.34 0.00	160.29 11.74 0.00	159.12 11.24 0.00
POMONA___ESR 323819	171.34 9.08 0.00	164.81 8.88 0.00	162.36 8.90 0.00	160.44 8.50 0.00	164.57 8.43 0.00	171.84 9.57 0.00	203.19 11.41 -13.72	212.76 12.39 -18.23	202.29 12.94 -14.46	195.64 13.30 0.00	166.60 9.88 0.00	152.80 9.06 0.00	152.91 8.79 0.00	146.82 8.44 0.00	145.82 8.52 0.00	156.65 9.15 0.00	171.94 10.20 0.00	195.98 11.87 -1.44	192.53 11.70 -3.52	177.17 10.51 0.00	171.46 10.17 0.00	163.91 9.72 0.00	157.62 9.06 0.00	156.30 8.42 0.00
PORT_JEFF_3 23555	184.01 12.66 -9.08	174.71 12.32 -6.47	167.89 12.89 -1.53	166.61 13.07 -1.61	169.91 12.33 -1.43	182.15 14.28 -5.60	219.84 17.27 -24.50	231.70 19.30 -30.27	215.62 18.89 -21.83	207.13 18.41 -6.39	179.40 13.48 -9.20	165.76 13.37 -8.65	165.33 12.82 -8.40	159.50 12.03 -9.09	159.04 12.49 -9.24	168.60 12.98 -8.12	185.44 14.39 -9.31	212.02 18.82 -10.53	206.41 18.27 -10.83	192.51 16.83 -9.02	185.41 15.64 -8.48	177.71 14.66 -8.87	170.04 13.96 -7.52	168.01 13.31 -6.81

PORT_JEFF_4 23616	184.01 12.66 -9.08	174.71 12.32 -6.47	167.89 12.89 -1.53	166.61 13.07 -1.61	169.91 12.33 -1.43	182.15 14.28 -5.60	219.84 17.27 -24.50	231.70 19.30 -30.27	215.62 18.89 -21.83	207.13 18.41 -6.39	179.40 13.48 -9.20	165.76 13.37 -8.65	165.33 12.82 -8.40	159.50 12.03 -9.09	159.04 12.49 -9.24	168.60 12.98 -8.12	185.44 14.39 -9.31	212.02 18.82 -10.53	206.41 18.27 -10.83	192.51 16.83 -9.02	185.41 15.64 -8.48	177.71 14.66 -8.87	170.04 13.96 -7.52	168.01 13.31 -6.81
PORT_JEFF_IC 23713	184.90 13.31 -9.34	175.52 12.94 -6.65	168.39 13.35 -1.58	167.12 13.52 -1.66	170.89 13.27 -1.48	182.63 14.60 -5.76	220.84 17.98 -24.79	232.76 20.04 -30.59	216.50 19.59 -22.02	208.05 19.15 -6.57	180.44 14.26 -9.46	166.42 13.80 -8.88	166.00 13.26 -8.62	160.30 12.59 -9.33	160.52 13.73 -9.48	169.41 13.57 -8.34	187.33 16.01 -9.57	213.37 19.91 -10.78	207.49 19.15 -11.03	193.61 17.67 -9.27	186.62 16.61 -8.72	179.65 16.34 -9.11	171.14 14.86 -7.73	168.78 13.90 -7.00
PPL PILGRIM_ST_GT1 24216	187.60 14.76 -10.57	177.79 14.34 -7.53	169.85 14.59 -1.80	168.11 14.28 -1.89	172.04 14.21 -1.69	184.86 16.07 -6.52	223.66 19.41 -26.19	235.75 21.48 -32.13	218.82 20.98 -22.95	210.37 20.60 -7.44	183.10 15.67 -10.71	168.42 14.67 -10.01	167.97 14.13 -9.73	162.16 13.29 -10.50	161.57 13.60 -10.66	171.53 14.61 -9.42	188.91 16.33 -10.84	215.50 20.82 -12.01	209.52 20.21 -12.00	195.66 18.50 -10.50	188.43 17.27 -9.87	180.70 16.19 -10.32	172.62 15.30 -8.76	170.60 14.79 -7.93
PPL PILGRIM_ST_GT2 24217	187.60 14.76 -10.57	177.79 14.34 -7.53	169.85 14.59 -1.80	168.11 14.28 -1.89	172.04 14.21 -1.69	184.86 16.07 -6.52	223.66 19.41 -26.19	235.75 21.48 -32.13	218.82 20.98 -22.95	210.37 20.60 -7.44	183.10 15.67 -10.71	168.42 14.67 -10.01	167.97 14.13 -9.73	162.16 13.29 -10.50	161.57 13.60 -10.66	171.53 14.61 -9.42	188.91 16.33 -10.84	215.50 20.82 -12.01	209.52 20.21 -12.00	195.66 18.50 -10.50	188.43 17.27 -9.87	180.70 16.19 -10.32	172.62 15.30 -8.76	170.60 14.79 -7.93
PPL_SHRM_GT3 24213	186.54 15.09 -9.19	177.12 14.65 -6.54	169.89 14.88 -1.55	169.37 15.80 -1.63	173.06 15.46 -1.45	185.62 17.69 -5.66	224.04 21.36 -24.62	236.04 23.50 -30.40	219.52 22.73 -21.91	211.03 22.24 -6.46	181.55 15.52 -9.31	168.16 15.67 -8.75	167.59 14.99 -8.49	160.72 13.15 -9.18	161.19 14.55 -9.34	171.49 15.79 -8.21	187.82 16.66 -9.41	216.32 23.02 -10.63	210.74 22.52 -10.91	196.62 20.83 -9.12	189.37 19.51 -8.57	181.34 18.19 -8.97	173.24 17.08 -7.61	171.18 16.41 -6.89
PPL_SHRM_GT4 24214	186.54 15.09 -9.19	177.12 14.65 -6.54	169.89 14.88 -1.55	169.37 15.80 -1.63	173.06 15.46 -1.45	185.62 17.69 -5.66	224.04 21.36 -24.62	236.04 23.50 -30.40	219.52 22.73 -21.91	211.03 22.24 -6.46	181.55 15.52 -9.31	168.16 15.67 -8.75	167.59 14.99 -8.49	160.72 13.15 -9.18	161.19 14.55 -9.34	171.49 15.79 -8.21	187.82 16.66 -9.41	216.32 23.02 -10.63	210.74 22.52 -10.91	196.62 20.83 -9.12	189.37 19.51 -8.57	181.34 18.19 -8.97	173.24 17.08 -7.61	171.18 16.41 -6.89
PROJECT___ORANGE 1 24174	159.02 -3.25 0.00	152.97 -2.96 0.00	150.55 -2.92 0.00	149.05 -2.89 0.00	153.33 -2.81 0.00	160.00 -2.27 0.00	176.11 -1.96 0.00	179.77 -2.37 0.00	172.61 -2.27 0.00	179.78 -2.55 0.00	154.21 -2.51 0.00	141.30 -2.44 0.00	141.52 -2.59 0.00	135.75 -2.63 0.00	134.83 -2.47 0.00	144.99 -2.51 0.00	159.16 -2.59 0.00	179.94 -2.74 0.00	174.65 -2.66 0.00	163.67 -3.00 0.00	158.55 -2.74 0.00	151.42 -2.78 0.00	145.59 -2.97 0.00	145.37 -2.51 0.00
PROJECT___ORANGE 2 24166	159.02 -3.25 0.00	152.97 -2.96 0.00	150.55 -2.92 0.00	149.05 -2.89 0.00	153.33 -2.81 0.00	160.00 -2.27 0.00	176.11 -1.96 0.00	179.77 -2.37 0.00	172.61 -2.27 0.00	179.78 -2.55 0.00	154.21 -2.51 0.00	141.30 -2.44 0.00	141.52 -2.59 0.00	135.75 -2.63 0.00	134.83 -2.47 0.00	144.99 -2.51 0.00	159.16 -2.59 0.00	179.94 -2.74 0.00	174.65 -2.66 0.00	163.67 -3.00 0.00	158.55 -2.74 0.00	151.42 -2.78 0.00	145.59 -2.97 0.00	145.37 -2.51 0.00
PUCKETT___SOLAR 323809	164.70 2.44 0.00	158.58 2.65 0.00	156.23 2.77 0.00	154.67 2.74 0.00	159.10 2.96 0.00	166.48 4.21 0.00	189.67 5.53 -6.08	195.58 4.92 -8.52	185.49 4.19 -6.41	187.07 4.73 0.00	158.91 2.19 0.00	145.47 1.73 0.00	145.85 1.74 0.00	140.05 1.67 0.00	139.09 1.78 0.00	150.00 2.51 0.00	165.30 3.55 0.00	188.06 4.74 -0.64	183.47 4.60 -1.56	170.17 3.51 0.00	164.83 3.54 0.00	157.11 2.92 0.00	150.79 2.23 0.00	151.13 3.25 0.00
PYRITES___HYD 24023	164.21 1.95 0.00	157.65 1.72 0.00	155.00 1.53 0.00	153.61 1.67 0.00	157.24 1.09 0.00	161.79 -0.49 0.00	175.93 -2.14 0.00	181.04 -1.09 0.00	172.96 -1.92 0.00	179.96 -2.37 0.00	156.25 -0.47 0.00	143.02 -0.72 0.00	144.26 0.14 0.00	138.38 0.00 0.00	137.17 -0.14 0.00	146.76 -0.74 0.00	160.45 -1.29 0.00	181.58 -1.10 0.00	176.78 -0.53 0.00	166.17 -0.50 0.00	160.64 -0.65 0.00	154.81 0.62 0.00	150.04 1.49 0.00	149.65 1.77 0.00
QUAKERRD_115KV_BK1 80622	152.04 -10.22 0.00	146.11 -9.82 0.00	143.95 -9.51 0.00	142.52 -9.42 0.00	146.77 -9.37 0.00	153.51 -8.76 0.00	168.09 -9.97 0.00	170.66 -11.47 0.00	163.69 -11.19 0.00	169.02 -13.31 0.00	146.06 -10.66 0.00	133.97 -9.77 0.00	134.03 -10.09 0.00	128.55 -9.82 0.00	127.83 -9.47 0.00	137.47 -10.03 0.00	150.42 -11.32 0.00	169.69 -12.97 0.01	164.53 -12.77 0.02	153.98 -12.67 0.02	149.34 -11.94 0.02	142.93 -11.26 0.00	137.41 -11.14 0.00	138.86 -9.02 0.00
QUEENSBRY_115KV_TB8 356137	175.40 13.14 0.00	168.40 12.47 0.00	164.97 11.51 0.00	163.79 11.85 0.00	168.63 12.49 0.00	175.74 13.47 0.00	255.94 16.20 -61.67	301.16 16.94 -102.09	256.29 16.44 -64.97	198.56 16.23 0.00	169.73 13.01 0.00	155.10 11.36 0.00	154.78 10.66 0.00	148.62 10.24 0.00	147.47 10.16 0.00	159.15 11.65 0.00	176.30 14.56 0.00	206.49 17.35 -6.46	209.98 16.84 -15.82	182.00 15.33 0.00	175.81 14.52 0.00	167.30 13.11 0.00	160.74 12.18 0.00	159.41 11.53 0.00
RAMAPO___LBMP 323565	170.70 8.44 0.00	164.19 8.26 0.00	161.90 8.44 0.00	159.99 8.05 0.00	164.42 8.28 0.00	171.20 8.92 0.00	202.60 10.86 -13.68	211.96 11.66 -18.16	201.36 12.07 -14.41	194.92 12.58 0.00	166.12 9.40 0.00	152.51 8.77 0.00	152.62 8.50 0.00	146.54 8.16 0.00	145.68 8.38 0.00	156.35 8.85 0.00	171.77 10.03 0.00	195.62 11.51 -1.43	191.99 11.17 -3.51	176.67 10.00 0.00	170.97 9.68 0.00	163.44 9.25 0.00	157.17 8.62 0.00	155.86 7.99 0.00
RANKINE____ 23646	148.96 -13.31 0.00	143.30 -12.63 0.00	141.80 -11.66 0.00	139.93 -12.00 0.00	144.12 -12.02 0.00	150.59 -11.68 0.00	166.32 -14.25 -2.50	167.24 -17.67 -2.77	160.38 -17.14 -2.63	151.74 -15.50 15.10	140.74 -15.99 0.00	129.08 -14.66 0.00	129.56 -14.56 0.00	123.85 -14.53 0.00	123.30 -14.01 0.00	132.75 -14.75 0.00	144.28 -17.47 0.00	162.81 -20.09 -0.23	158.76 -19.15 -0.60	148.12 -18.50 0.05	143.52 -17.74 0.03	137.38 -16.81 0.01	132.36 -16.19 0.00	136.34 -11.53 0.00
RAVENSWOOD_GT2_1 24244	172.97 10.71 0.00	166.53 10.60 0.00	164.05 10.59 0.00	162.12 10.18 0.00	166.45 10.31 0.00	173.31 11.03 0.00	205.66 13.35 -14.24	215.63 14.57 -18.92	205.28 15.39 -15.00	198.40 16.05 -0.02	169.94 12.69 -0.53	168.54 11.64 -13.16	166.00 11.39 -10.50	167.13 10.93 -17.82	167.59 11.26 -19.02	165.44 11.95 -6.00	175.01 13.26 0.00	199.51 15.34 -1.49	195.68 14.72 -3.65	180.17 13.50 0.00	174.19 12.90 0.00	166.68 12.49 0.00	160.14 11.59 0.00	158.97 11.09 0.00

RAVENSWOOD_GT2_2 24245	172.97 10.71 0.00	166.53 10.60 0.00	164.05 10.59 0.00	162.12 10.18 0.00	166.45 10.31 0.00	173.31 11.03 0.00	205.66 13.35 -14.24	215.63 14.57 -18.92	205.28 15.39 -15.00	198.40 16.05 -0.02	169.94 12.69 -0.53	168.54 11.64 -13.16	166.00 11.39 -10.50	167.13 10.93 -17.82	167.59 11.26 -19.02	165.44 11.95 -6.00	175.01 13.26 0.00	199.51 15.34 -1.49	195.68 14.72 -3.65	180.17 13.50 0.00	174.19 12.90 0.00	166.68 12.49 0.00	160.14 11.59 0.00	158.97 11.09 0.00
RAVENSWOOD_GT2_3 24246	173.13 10.87 0.00	166.53 10.60 0.00	164.21 10.74 0.00	162.12 10.18 0.00	166.60 10.46 0.00	173.47 11.20 0.00	205.84 13.53 -14.24	215.81 14.75 -18.92	205.28 15.39 -15.00	198.58 16.23 -0.02	169.94 12.69 -0.53	168.69 11.79 -13.16	166.15 11.53 -10.50	167.27 11.07 -17.82	167.59 11.26 -19.02	165.44 11.95 -6.00	175.17 13.42 0.00	199.70 15.53 -1.49	195.86 14.89 -3.65	180.17 13.50 0.00	174.35 13.06 0.00	166.68 12.49 0.00	160.29 11.74 0.00	158.97 11.09 0.00
RAVENSWOOD_GT2_4 24247	173.13 10.87 0.00	166.53 10.60 0.00	164.21 10.74 0.00	162.12 10.18 0.00	166.60 10.46 0.00	173.47 11.20 0.00	205.84 13.53 -14.24	215.81 14.75 -18.92	205.28 15.39 -15.00	198.58 16.23 -0.02	169.94 12.69 -0.53	168.69 11.79 -13.16	166.15 11.53 -10.50	167.27 11.07 -17.82	167.59 11.26 -19.02	165.44 11.95 -6.00	175.17 13.42 0.00	199.70 15.53 -1.49	195.86 14.89 -3.65	180.17 13.50 0.00	174.35 13.06 0.00	166.68 12.49 0.00	160.29 11.74 0.00	158.97 11.09 0.00
RAVENSWOOD_GT3_1 24248	172.97 10.71 0.00	166.53 10.60 0.00	164.05 10.59 0.00	162.12 10.18 0.00	166.45 10.31 0.00	173.47 11.20 0.00	205.66 13.35 -14.24	215.63 14.57 -18.92	205.28 15.39 -15.00	198.40 16.05 -0.02	169.94 12.69 -0.53	168.69 11.79 -13.16	166.15 11.53 -10.50	167.13 10.93 -17.82	167.59 11.26 -19.02	165.44 11.95 -6.00	175.01 13.26 0.00	199.51 15.34 -1.49	195.68 14.72 -3.65	180.17 13.50 0.00	174.19 12.90 0.00	166.68 12.49 0.00	160.29 11.74 0.00	158.97 11.09 0.00
RAVENSWOOD_GT3_2 24249	172.97 10.71 0.00	166.53 10.60 0.00	164.05 10.59 0.00	162.12 10.18 0.00	166.45 10.31 0.00	173.47 11.20 0.00	205.66 13.35 -14.24	215.63 14.57 -18.92	205.28 15.39 -15.00	198.40 16.05 -0.02	169.94 12.69 -0.53	168.69 11.79 -13.16	166.15 11.53 -10.50	167.13 10.93 -17.82	167.59 11.26 -19.02	165.44 11.95 -6.00	175.01 13.26 0.00	199.51 15.34 -1.49	195.68 14.72 -3.65	180.17 13.50 0.00	174.19 12.90 0.00	166.68 12.49 0.00	160.29 11.74 0.00	158.97 11.09 0.00
RAVENSWOOD_GT3_3 24250	173.30 11.03 0.00	166.69 10.76 0.00	164.21 10.74 0.00	162.27 10.33 0.00	166.76 10.62 0.00	173.63 11.36 0.00	206.02 13.71 -14.24	216.00 14.94 -18.92	205.46 15.56 -15.00	198.76 16.41 -0.02	170.25 13.01 -0.53	168.83 11.93 -13.16	166.29 11.67 -10.50	167.41 11.21 -17.82	167.72 11.40 -19.02	165.59 12.09 -6.00	175.33 13.59 0.00	199.88 15.71 -1.49	196.04 15.07 -3.65	180.33 13.67 0.00	174.52 13.23 0.00	166.99 12.80 0.00	160.44 11.88 0.00	159.12 11.24 0.00
RAVENSWOOD_GT3_4 24251	173.30 11.03 0.00	166.69 10.76 0.00	164.21 10.74 0.00	162.27 10.33 0.00	166.76 10.62 0.00	173.63 11.36 0.00	206.02 13.71 -14.24	216.00 14.94 -18.92	205.46 15.56 -15.00	198.76 16.41 -0.02	170.25 13.01 -0.53	168.83 11.93 -13.16	166.29 11.67 -10.50	167.41 11.21 -17.82	167.72 11.40 -19.02	165.59 12.09 -6.00	175.33 13.59 0.00	199.88 15.71 -1.49	196.04 15.07 -3.65	180.33 13.67 0.00	174.52 13.23 0.00	166.99 12.80 0.00	160.44 11.88 0.00	159.12 11.24 0.00
RAVENSWOOD_GT_1 23729	186.78 11.68 -12.84	180.65 11.54 -13.18	178.51 11.51 -13.54	175.17 10.94 -12.29	180.42 11.24 -13.03	186.87 11.85 -12.75	217.13 13.89 -25.18	259.73 15.12 -62.48	246.33 16.26 -55.18	254.03 17.14 -54.56	206.06 13.63 -35.71	203.62 12.51 -47.37	182.84 12.25 -26.47	182.67 11.76 -32.53	182.78 11.95 -33.53	189.77 12.68 -29.59	219.30 14.23 -43.33	241.48 16.44 -42.36	237.87 15.78 -44.78	212.85 14.50 -31.68	206.38 13.87 -31.21	207.02 13.41 -39.41	180.12 12.48 -19.09	178.16 11.98 -18.30
RAVENSWOOD_GT_10 24258	172.97 10.71 0.00	166.53 10.60 0.00	164.05 10.59 0.00	161.96 10.03 0.00	166.45 10.31 0.00	173.31 11.03 0.00	205.66 13.35 -14.24	215.63 14.57 -18.92	205.28 15.39 -15.00	197.70 16.05 0.68	169.07 12.69 0.34	167.76 11.64 -12.38	165.80 11.39 -10.30	167.05 10.93 -17.74	167.52 11.26 -18.95	164.49 11.80 -5.19	174.45 13.26 0.56	199.51 15.34 -1.49	195.68 14.72 -3.65	180.17 13.50 0.00	174.19 12.90 0.00	165.70 12.49 0.98	159.76 11.59 0.38	158.63 11.09 0.34
RAVENSWOOD_GT_11 24259	172.97 10.71 0.00	166.53 10.60 0.00	164.05 10.59 0.00	161.96 10.03 0.00	166.45 10.31 0.00	173.31 11.03 0.00	205.66 13.35 -14.24	215.63 14.57 -18.92	205.28 15.39 -15.00	197.70 16.05 0.68	169.07 12.69 0.34	167.76 11.64 -12.38	165.80 11.39 -10.30	167.05 10.93 -17.74	167.52 11.26 -18.95	164.49 11.80 -5.19	174.45 13.26 0.56	199.51 15.34 -1.49	195.68 14.72 -3.65	180.17 13.50 0.00	174.19 12.90 0.00	165.70 12.49 0.98	159.76 11.59 0.38	158.63 11.09 0.34
RAVENSWOOD_GT_4 24252	182.57 10.55 -9.76	176.40 10.45 -10.03	174.20 10.44 -10.30	171.31 10.03 -9.35	176.20 10.15 -9.91	183.02 11.03 -9.71	213.99 13.35 -22.57	248.80 14.57 -52.09	235.70 15.22 -45.59	229.23 15.86 -31.04	183.40 12.54 -14.14	182.73 11.64 -27.35	175.14 11.39 -19.64	176.87 10.79 -27.69	177.44 11.12 -29.01	171.03 11.80 -11.74	199.38 13.10 -24.53	230.45 15.16 -32.61	226.99 14.72 -34.97	204.12 13.33 -24.12	197.79 12.74 -23.76	181.65 12.34 -15.12	168.84 11.59 -8.69	167.66 10.94 -8.84
RAVENSWOOD_GT_5 24254	182.57 10.55 -9.76	176.40 10.45 -10.03	174.20 10.44 -10.30	171.31 10.03 -9.35	176.20 10.15 -9.91	183.02 11.03 -9.71	213.99 13.35 -22.57	248.80 14.57 -52.09	235.70 15.22 -45.59	229.23 15.86 -31.04	183.40 12.54 -14.14	182.73 11.64 -27.35	175.14 11.39 -19.64	176.87 10.79 -27.69	177.44 11.12 -29.01	171.03 11.80 -11.74	199.38 13.10 -24.53	230.45 15.16 -32.61	226.99 14.72 -34.97	204.12 13.33 -24.12	197.79 12.74 -23.76	181.65 12.34 -15.12	168.84 11.59 -8.69	167.66 10.94 -8.84
RAVENSWOOD_GT_6 24253	182.57 10.55 -9.76	176.40 10.45 -10.03	174.20 10.44 -10.30	171.31 10.03 -9.35	176.20 10.15 -9.91	183.02 11.03 -9.71	213.99 13.35 -22.57	248.80 14.57 -52.09	235.70 15.22 -45.59	229.23 15.86 -31.04	183.40 12.54 -14.14	182.73 11.64 -27.35	175.14 11.39 -19.64	176.87 10.79 -27.69	177.44 11.12 -29.01	171.03 11.80 -11.74	199.38 13.10 -24.53	230.45 15.16 -32.61	226.99 14.72 -34.97	204.12 13.33 -24.12	197.79 12.74 -23.76	181.65 12.34 -15.12	168.84 11.59 -8.69	167.66 10.94 -8.84
RAVENSWOOD_GT_7 24255	182.57 10.55 -9.76	176.40 10.45 -10.03	174.20 10.44 -10.30	171.31 10.03 -9.35	176.20 10.15 -9.91	183.02 11.03 -9.71	213.99 13.35 -22.57	248.80 14.57 -52.09	235.70 15.22 -45.59	229.23 15.86 -31.04	183.40 12.54 -14.14	182.73 11.64 -27.35	175.14 11.39 -19.64	176.87 10.79 -27.69	177.44 11.12 -29.01	171.03 11.80 -11.74	199.38 13.10 -24.53	230.45 15.16 -32.61	226.99 14.72 -34.97	204.12 13.33 -24.12	197.79 12.74 -23.76	181.65 12.34 -15.12	168.84 11.59 -8.69	167.66 10.94 -8.84
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	172.97 10.71 0.00	166.53 10.60 0.00	164.05 10.59 0.00	161.96 10.03 0.00	166.45 10.31 0.00	173.31 11.03 0.00	205.66 13.35 -14.24	215.63 14.57 -18.92	205.28 15.39 -15.00	197.70 16.05 0.68	169.07 12.69 0.34	167.76 11.64 -12.38	165.80 11.39 -10.30	167.05 10.93 -17.74	167.52 11.26 -18.95	164.49 11.80 -5.19	174.45 13.26 0.56	199.51 15.34 -1.49	195.68 14.72 -3.65	180.17 13.50 0.00	174.19 12.90 0.00	165.70 12.49 0.98	159.76 11.59 0.38	158.63 11.09 0.34

RAVENSWOOD_GT_9 24257	172.97 10.71 0.00	166.53 10.60 0.00	164.05 10.59 0.00	161.96 10.03 0.00	166.45 10.31 0.00	173.31 11.03 0.00	205.66 13.35 -14.24	215.63 14.57 -18.92	205.28 15.39 -15.00	197.70 16.05 0.68	169.07 12.69 0.34	167.76 11.64 -12.38	165.80 11.39 -10.30	167.05 10.93 -17.74	167.52 11.26 -18.95	164.49 11.80 -5.19	174.45 13.26 0.56	199.51 15.34 -1.49	195.68 14.72 -3.65	180.17 13.50 0.00	174.19 12.90 0.00	165.70 12.49 0.98	159.76 11.59 0.38	158.63 11.09 0.34
RAVENSWOOD___1 23533	173.96 11.69 -0.01	167.48 11.54 -0.01	164.83 11.36 -0.01	162.89 10.95 -0.01	166.92 10.77 -0.01	174.28 12.01 0.00	206.02 13.71 -14.24	216.17 15.11 -18.92	206.16 16.27 -15.00	206.17 16.96 -6.88	179.33 13.48 -9.13	177.15 12.50 -20.91	168.69 12.11 -12.47	168.70 11.63 -18.69	168.68 11.66 -19.71	174.17 12.69 -13.98	181.18 13.91 -5.52	200.25 16.08 -1.49	196.57 15.61 -3.65	181.00 14.34 0.00	175.17 13.87 -0.01	177.18 13.26 -9.72	164.85 12.48 -3.81	163.04 11.83 -3.33
RAVENSWOOD___2 23534	173.62 11.35 -0.01	167.01 11.07 -0.01	164.53 11.06 -0.01	162.58 10.63 -0.01	166.61 10.46 -0.01	173.96 11.69 0.00	205.67 13.36 -14.24	215.09 14.03 -18.92	205.64 15.75 -15.00	205.78 16.59 -6.85	178.98 13.17 -9.09	176.83 12.21 -20.88	168.40 11.82 -12.47	168.42 11.35 -18.69	168.40 11.39 -19.71	173.84 12.39 -13.95	180.83 13.59 -5.50	199.88 15.71 -1.49	196.21 15.25 -3.65	180.67 14.00 0.00	174.85 13.55 -0.01	176.83 12.95 -9.69	164.54 12.18 -3.80	162.74 11.54 -3.32
RAVENSWOOD___3 23535	172.97 10.71 0.00	166.54 10.61 0.00	164.05 10.58 0.00	162.12 10.18 0.00	166.14 10.00 0.00	173.63 11.36 0.00	205.67 13.36 -14.24	215.81 14.75 -18.92	205.28 15.39 -15.00	198.40 16.05 -0.02	169.94 12.69 -0.53	168.69 11.79 -13.16	166.00 11.38 -10.50	167.13 10.93 -17.82	167.32 10.99 -19.02	165.44 11.94 -6.00	174.84 13.10 0.00	199.51 15.35 -1.49	195.86 14.90 -3.65	180.16 13.49 0.00	174.20 12.91 0.00	166.67 12.48 0.00	160.29 11.73 0.00	158.98 11.10 0.00
RAVENSWOOD___4 23820	161.16 11.52 12.62	154.34 11.38 12.97	151.50 11.36 13.32	150.64 10.79 12.09	154.09 10.77 12.82	161.72 12.01 12.56	195.25 13.71 -3.47	173.11 14.94 23.97	166.41 16.08 24.56	159.00 16.76 40.10	152.95 13.31 17.08	150.92 12.36 5.19	154.90 12.11 1.32	155.06 11.63 -5.06	155.07 11.66 -6.10	158.61 12.53 1.42	143.93 13.91 31.73	160.00 16.08 38.75	156.07 15.61 36.84	149.81 14.34 31.20	144.27 13.70 30.72	147.90 13.26 19.55	149.64 12.32 11.24	148.28 11.83 11.43
RCPI_TRUST___DRP 24196	173.13 10.87 0.00	166.53 10.60 0.00	164.05 10.59 0.00	162.12 10.18 0.00	166.60 10.46 0.00	173.47 11.20 0.00	206.02 13.71 -14.24	215.99 14.94 -18.92	205.45 15.56 -15.00	198.75 16.41 -0.01	170.00 13.01 -0.27	162.49 11.93 -6.82	161.23 11.67 -5.44	158.82 11.21 -9.23	158.55 11.40 -9.85	162.70 12.09 -3.11	175.33 13.59 0.00	199.88 15.71 -1.49	195.86 14.89 -3.65	180.33 13.67 0.00	174.35 13.06 0.00	166.68 12.49 0.00	160.29 11.74 0.00	158.97 11.09 0.00
RED___ROCHESTER 323720	154.64 -7.62 0.00	148.60 -7.33 0.00	146.56 -6.90 0.00	145.10 -6.83 0.00	149.28 -6.87 0.00	156.27 -6.00 0.00	171.12 -6.95 0.00	173.22 -8.92 0.00	166.32 -8.57 0.00	173.00 -10.39 -1.05	148.56 -8.16 0.00	136.41 -7.33 0.00	136.47 -7.64 0.00	130.63 -7.75 0.00	129.89 -7.42 0.00	139.98 -7.52 0.00	152.85 -8.90 0.00	172.62 -10.05 0.01	167.19 -10.10 0.02	156.47 -10.17 0.02	151.60 -9.67 0.01	144.94 -9.25 0.00	139.20 -9.35 0.00	141.38 -6.50 0.00
REGAN___SOLAR 323812	176.70 14.44 0.00	169.80 13.87 0.00	166.19 12.73 0.00	164.84 12.91 0.00	169.57 13.43 0.00	177.19 14.92 0.00	257.16 18.17 -60.93	301.87 18.59 -101.15	256.39 17.32 -64.18	198.38 16.05 0.00	168.79 12.07 0.00	153.80 10.06 0.00	153.48 9.36 0.00	147.37 8.99 0.00	146.51 9.20 0.00	159.15 11.65 0.00	176.61 14.87 0.00	207.32 18.27 -6.38	210.84 17.90 -15.63	183.17 16.50 0.00	176.93 15.64 0.00	168.68 14.49 0.00	162.07 13.52 0.00	160.74 12.86 0.00
RENSSELAER___COGEN 23796	167.78 5.52 0.00	161.23 5.30 0.00	158.52 5.06 0.00	157.10 5.17 0.00	161.45 5.31 0.00	168.28 6.01 0.00	221.71 6.59 -37.06	247.01 6.55 -58.33	220.74 6.81 -39.04	189.44 7.10 0.00	162.83 6.11 0.00	149.50 5.76 0.00	149.59 5.47 0.00	143.77 5.39 0.00	141.98 4.67 0.00	152.08 4.58 0.00	167.07 5.33 0.00	192.40 5.84 -3.88	192.49 5.67 -9.51	172.00 5.33 0.00	166.30 5.01 0.00	158.98 4.79 0.00	154.20 5.64 0.00	153.19 5.32 0.00
REPUBLIC_115KV_BARTNBRK 55605	182.71 20.44 0.00	175.42 19.49 0.00	171.11 17.65 0.00	170.17 18.23 0.00	175.35 19.21 0.00	182.72 20.45 0.00	264.03 24.57 -61.39	309.77 26.05 -101.59	264.74 25.18 -64.67	207.50 25.16 0.00	176.78 20.06 0.00	161.13 17.39 0.00	160.26 16.14 0.00	153.88 15.50 0.00	152.82 15.52 0.00	165.34 17.85 0.00	184.06 22.32 0.00	215.96 26.85 -6.43	219.12 26.06 -15.75	190.33 23.67 0.00	183.55 22.26 0.00	174.39 20.20 0.00	167.27 18.72 0.00	165.77 17.89 0.00
REVERE_CPPR_DRP 24186	167.62 5.35 0.00	161.54 5.61 0.00	158.99 5.52 0.00	157.56 5.62 0.00	162.08 5.93 0.00	169.57 7.30 0.00	187.15 9.08 0.00	191.61 9.47 0.00	183.11 8.22 0.00	190.72 8.39 0.00	163.30 6.58 0.00	149.49 5.75 0.00	150.02 5.91 0.00	143.91 5.54 0.00	142.80 5.49 0.00	153.69 6.19 0.00	169.35 7.60 0.00	192.18 9.50 0.00	186.53 9.22 0.00	174.33 7.67 0.00	168.55 7.26 0.00	160.36 6.17 0.00	154.20 5.65 0.00	153.94 6.06 0.00
REYNOLDS_115KV_TB3 80639	168.59 6.33 0.00	161.86 5.93 0.00	159.30 5.83 0.00	157.86 5.93 0.00	162.39 6.25 0.00	169.09 6.82 0.00	226.06 7.66 -40.33	253.96 7.65 -64.17	224.90 7.52 -42.49	189.99 7.66 0.00	163.30 6.58 0.00	149.92 6.18 0.00	150.02 5.91 0.00	144.19 5.81 0.00	142.80 5.49 0.00	153.10 5.60 0.00	168.38 6.63 0.00	194.57 7.67 -4.22	194.93 7.27 -10.35	173.33 6.67 0.00	167.58 6.29 0.00	160.20 6.01 0.00	154.80 6.24 0.00	153.79 5.92 0.00
RIVERBAY____ 323610	175.09 12.82 -0.01	168.88 12.94 -0.01	166.36 12.89 -0.01	164.40 12.46 -0.01	168.95 12.80 -0.01	175.42 13.14 0.00	206.73 14.42 -14.24	216.73 15.66 -18.92	206.68 16.79 -15.00	199.85 17.50 -0.01	170.53 13.79 -0.02	156.92 12.79 -0.38	156.82 12.39 -0.31	150.80 11.90 -0.52	150.08 12.22 -0.55	160.66 12.98 -0.18	176.15 14.40 -0.01	200.79 16.62 -1.49	197.10 16.14 -3.65	181.67 15.00 0.00	175.65 14.35 -0.01	167.92 13.72 -0.01	161.49 12.92 -0.01	160.31 12.42 -0.01
RIVERSDE_115KV_TB3 55908	168.43 6.17 0.00	161.70 5.77 0.00	158.99 5.52 0.00	157.71 5.77 0.00	162.23 6.09 0.00	168.76 6.49 0.00	226.25 7.48 -40.71	254.25 7.29 -64.83	224.94 7.17 -42.88	189.81 7.48 0.00	163.15 6.43 0.00	149.78 6.04 0.00	149.88 5.76 0.00	144.19 5.81 0.00	142.52 5.22 0.00	152.81 5.31 0.00	168.05 6.31 0.00	194.06 7.12 -4.26	194.49 6.74 -10.44	173.00 6.33 0.00	167.26 5.97 0.00	159.90 5.71 0.00	154.65 6.09 0.00	153.79 5.92 0.00
ROARING___BROOK_WT_PWR 323790	159.50 -2.76 0.00	153.28 -2.65 0.00	150.85 -2.61 0.00	149.50 -2.44 0.00	153.64 -2.50 0.00	158.38 -3.90 0.00	173.62 -4.44 0.00	177.96 -4.18 0.00	170.69 -4.20 0.00	178.15 -4.19 0.00	153.74 -2.98 0.00	141.16 -2.58 0.00	141.80 -2.31 0.00	136.31 -2.07 0.00	135.25 -2.06 0.00	145.43 -2.07 0.00	159.32 -2.42 0.00	179.75 -2.93 0.00	174.29 -3.02 0.00	163.83 -2.83 0.00	158.55 -2.74 0.00	151.88 -2.31 0.00	146.62 -1.94 0.00	145.95 -1.93 0.00

ROCHESRG_115KV_T4 355643	153.34 -8.92 0.00	147.51 -8.42 0.00	145.48 -7.98 0.00	144.04 -7.90 0.00	148.18 -7.96 0.00	154.97 -7.30 0.00	169.34 -8.73 0.00	171.57 -10.56 0.00	164.57 -10.32 0.00	168.61 -12.58 1.14	147.00 -9.72 0.00	134.83 -8.91 0.00	134.89 -9.22 0.00	129.25 -9.13 0.00	128.66 -8.65 0.00	138.35 -9.14 0.00	151.07 -10.68 0.00	170.24 -12.42 0.01	165.24 -12.06 0.02	154.48 -12.17 0.02	149.82 -11.45 0.01	143.55 -10.64 0.00	138.16 -10.40 0.00	140.04 -7.84 0.00
ROCHESTER_9_IC 23652	154.15 -8.11 0.00	148.13 -7.80 0.00	146.10 -7.37 0.00	144.64 -7.29 0.00	148.96 -7.18 0.00	155.78 -6.49 0.00	170.41 -7.66 0.00	172.67 -9.47 0.00	165.62 -9.27 0.00	171.89 -11.49 -1.05	147.94 -8.78 0.00	135.69 -8.05 0.00	135.76 -8.36 0.00	130.08 -8.30 0.00	129.48 -7.83 0.00	139.24 -8.26 0.00	152.04 -9.70 0.00	171.52 -11.14 0.01	166.30 -10.99 0.02	155.48 -11.17 0.02	150.79 -10.48 0.01	144.47 -9.71 0.00	138.90 -9.66 0.00	140.78 -7.10 0.00
ROCKVIEW_13_KV_LD 356306	172.97 10.71 0.00	166.53 10.60 0.00	164.05 10.59 0.00	162.12 10.18 0.00	166.45 10.31 0.00	173.63 11.36 0.00	206.02 13.71 -14.24	216.00 14.94 -18.92	205.11 15.22 -15.00	198.38 16.05 0.00	169.26 12.54 0.00	155.38 11.64 0.00	155.50 11.39 0.00	149.31 10.93 0.00	148.43 11.12 0.00	159.30 11.80 0.00	175.01 13.26 0.00	199.70 15.53 -1.49	195.86 14.89 -3.65	180.17 13.50 0.00	174.35 13.06 0.00	166.53 12.34 0.00	160.00 11.44 0.00	158.67 10.80 0.00
ROME____115KV_TB2 80656	167.62 5.35 0.00	161.54 5.61 0.00	158.99 5.52 0.00	157.56 5.62 0.00	162.08 5.93 0.00	169.57 7.30 0.00	187.15 9.08 0.00	191.61 9.47 0.00	183.11 8.22 0.00	190.72 8.39 0.00	163.30 6.58 0.00	149.49 5.75 0.00	150.02 5.91 0.00	143.91 5.54 0.00	142.80 5.49 0.00	153.69 6.19 0.00	169.35 7.60 0.00	192.18 9.50 0.00	186.53 9.22 0.00	174.33 7.67 0.00	168.55 7.26 0.00	160.36 6.17 0.00	154.20 5.65 0.00	153.94 6.06 0.00
ROSETON___1 23587	170.53 8.27 0.00	164.03 8.10 0.00	161.59 8.13 0.00	159.83 7.90 0.00	163.95 7.80 0.00	171.19 8.92 0.00	202.49 10.32 -14.10	211.92 11.11 -18.67	201.10 11.36 -14.85	194.18 11.84 0.00	165.96 9.24 0.00	152.36 8.62 0.00	152.47 8.36 0.00	146.40 8.02 0.00	145.40 8.10 0.00	156.20 8.70 0.00	171.28 9.54 0.00	195.11 10.96 -1.48	191.57 10.64 -3.62	176.33 9.66 0.00	170.80 9.51 0.00	163.13 8.94 0.00	157.02 8.46 0.00	156.01 8.13 0.00
ROSETON___2 23588	170.53 8.27 0.00	164.03 8.10 0.00	161.59 8.13 0.00	159.83 7.90 0.00	163.95 7.80 0.00	171.19 8.92 0.00	202.49 10.32 -14.10	211.92 11.11 -18.67	201.10 11.36 -14.85	194.18 11.84 0.00	165.96 9.24 0.00	152.36 8.62 0.00	152.47 8.36 0.00	146.40 8.02 0.00	145.40 8.10 0.00	156.20 8.70 0.00	171.28 9.54 0.00	195.11 10.96 -1.48	191.57 10.64 -3.62	176.33 9.66 0.00	170.80 9.51 0.00	163.13 8.94 0.00	157.02 8.46 0.00	156.01 8.13 0.00
ROTRRDAM_115KV_TB3 80664	168.59 6.33 0.00	162.01 6.08 0.00	159.14 5.68 0.00	157.71 5.77 0.00	162.23 6.09 0.00	168.93 6.65 0.00	252.27 7.83 -66.37	300.58 8.01 -110.43	252.67 7.87 -69.91	189.99 7.66 0.00	162.83 6.11 0.00	149.06 5.32 0.00	149.30 5.19 0.00	143.50 5.12 0.00	142.39 5.08 0.00	153.25 5.75 0.00	168.70 6.95 0.00	197.85 8.22 -6.95	202.32 7.98 -17.03	173.83 7.17 0.00	168.23 6.94 0.00	160.67 6.48 0.00	154.50 5.94 0.00	153.65 5.77 0.00
RUSSELL___1 23602	154.64 -7.63 0.00	148.60 -7.33 0.00	146.56 -6.91 0.00	145.10 -6.84 0.00	149.27 -6.87 0.00	156.43 -5.84 0.00	171.12 -6.94 0.00	173.39 -8.74 0.00	166.32 -8.57 0.00	172.81 -10.58 -1.05	148.57 -8.15 0.00	136.41 -7.33 0.00	136.48 -7.64 0.00	130.63 -7.75 0.00	130.17 -7.14 0.00	139.98 -7.52 0.00	152.85 -8.90 0.00	172.25 -10.41 0.01	167.19 -10.11 0.02	156.31 -10.33 0.02	151.60 -9.68 0.01	145.09 -9.10 0.00	139.49 -9.06 0.00	141.37 -6.51 0.00
RUSSELL___2 23532	154.64 -7.63 0.00	148.60 -7.33 0.00	146.56 -6.91 0.00	145.10 -6.84 0.00	149.27 -6.87 0.00	156.43 -5.84 0.00	171.12 -6.94 0.00	173.39 -8.74 0.00	166.32 -8.57 0.00	172.81 -10.58 -1.05	148.57 -8.15 0.00	136.41 -7.33 0.00	136.48 -7.64 0.00	130.63 -7.75 0.00	130.17 -7.14 0.00	139.98 -7.52 0.00	152.85 -8.90 0.00	172.25 -10.41 0.01	167.19 -10.11 0.02	156.31 -10.33 0.02	151.60 -9.68 0.01	145.09 -9.10 0.00	139.49 -9.06 0.00	141.37 -6.51 0.00
RUSSELL___3 23549	154.64 -7.63 0.00	148.60 -7.33 0.00	146.56 -6.91 0.00	145.10 -6.84 0.00	149.27 -6.87 0.00	156.43 -5.84 0.00	171.12 -6.94 0.00	173.39 -8.74 0.00	166.32 -8.57 0.00	172.81 -10.58 -1.05	148.57 -8.15 0.00	136.41 -7.33 0.00	136.48 -7.64 0.00	130.63 -7.75 0.00	130.17 -7.14 0.00	139.98 -7.52 0.00	152.85 -8.90 0.00	172.25 -10.41 0.01	167.19 -10.11 0.02	156.31 -10.33 0.02	151.60 -9.68 0.01	145.09 -9.10 0.00	139.49 -9.06 0.00	141.37 -6.51 0.00
RUSSELL___4 23556	154.64 -7.63 0.00	148.60 -7.33 0.00	146.56 -6.91 0.00	145.10 -6.84 0.00	149.27 -6.87 0.00	156.43 -5.84 0.00	171.12 -6.94 0.00	173.39 -8.74 0.00	166.32 -8.57 0.00	172.81 -10.58 -1.05	148.57 -8.15 0.00	136.41 -7.33 0.00	136.48 -7.64 0.00	130.63 -7.75 0.00	130.17 -7.14 0.00	139.98 -7.52 0.00	152.85 -8.90 0.00	172.25 -10.41 0.01	167.19 -10.11 0.02	156.31 -10.33 0.02	151.60 -9.68 0.01	145.09 -9.10 0.00	139.49 -9.06 0.00	141.37 -6.51 0.00
RUSSELL___STATION 23914	154.64 -7.63 0.00	148.60 -7.33 0.00	146.56 -6.91 0.00	145.10 -6.84 0.00	149.27 -6.87 0.00	156.43 -5.84 0.00	171.12 -6.94 0.00	173.39 -8.74 0.00	166.32 -8.57 0.00	172.81 -10.58 -1.05	148.57 -8.15 0.00	136.41 -7.33 0.00	136.48 -7.64 0.00	130.63 -7.75 0.00	130.17 -7.14 0.00	139.98 -7.52 0.00	152.85 -8.90 0.00	172.25 -10.41 0.01	167.19 -10.11 0.02	156.31 -10.33 0.02	151.60 -9.68 0.01	145.09 -9.10 0.00	139.49 -9.06 0.00	141.37 -6.51 0.00
S SALMON___HYD 24043	159.99 -2.27 0.00	153.90 -2.03 0.00	151.63 -1.83 0.00	149.81 -2.13 0.00	154.11 -2.03 0.00	160.97 -1.30 0.00	177.36 -0.71 0.00	181.41 -0.73 0.00	173.84 -1.04 0.00	180.69 -1.64 0.00	154.85 -1.87 0.00	141.73 -2.01 0.00	141.96 -2.16 0.00	136.16 -2.22 0.00	135.25 -2.06 0.00	145.58 -1.92 0.00	160.29 -1.46 0.00	181.77 -0.91 0.00	176.43 -0.88 0.00	165.16 -1.50 0.00	159.68 -1.61 0.00	152.18 -2.01 0.00	146.33 -2.22 0.00	145.95 -1.93 0.00
S.PERRY__115KV_TB1 80734	159.34 -2.92 0.00	153.12 -2.81 0.00	151.16 -2.30 0.00	149.51 -2.43 0.00	154.27 -1.87 0.00	161.79 -0.49 0.00	180.51 -0.18 -2.62	183.23 -1.82 -2.91	175.20 -2.45 -2.76	228.56 -3.65 -49.88	152.49 -4.23 0.00	139.72 -4.02 0.00	139.79 -4.32 0.00	133.67 -4.70 0.00	133.32 -3.98 0.00	144.25 -3.24 0.00	158.83 -2.91 0.00	179.99 -2.92 -0.23	175.27 -2.66 -0.62	163.10 -3.50 0.07	157.86 -3.39 0.04	150.63 -3.55 0.01	144.40 -4.16 0.00	146.40 -1.48 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	147.82 -14.44 0.00	142.21 -13.72 0.00	140.57 -12.89 0.00	138.87 -13.07 0.00	143.03 -13.12 0.00	149.29 -12.98 0.00	164.42 -16.03 -2.38	165.29 -19.49 -2.64	158.51 -18.89 -2.51	147.71 -18.96 15.66	139.32 -17.40 0.00	127.79 -15.96 0.00	128.12 -16.00 0.00	122.60 -15.78 0.00	122.06 -15.24 0.00	131.42 -16.08 0.00	142.50 -19.25 0.00	160.61 -22.29 -0.22	156.43 -21.45 -0.57	145.95 -20.67 0.05	141.58 -19.68 0.03	135.83 -18.35 0.01	131.03 -17.53 0.00	135.01 -12.87 0.00

SAWYER___23_KV_LOAD 55526	147.82 -14.44 0.00	142.21 -13.72 0.00	140.57 -12.89 0.00	138.87 -13.07 0.00	143.03 -13.12 0.00	149.29 -12.98 0.00	164.42 -16.03 -2.38	165.29 -19.49 -2.64	158.51 -18.89 -2.51	147.71 -18.96 15.66	139.32 -17.40 0.00	127.79 -15.96 0.00	128.12 -16.00 0.00	122.60 -15.78 0.00	122.06 -15.24 0.00	131.42 -16.08 0.00	142.50 -19.25 0.00	160.61 -22.29 -0.22	156.43 -21.45 -0.57	145.95 -20.67 0.05	141.58 -19.68 0.03	135.83 -18.35 0.01	131.03 -17.53 0.00	135.01 -12.87 0.00
SELKIRK___I 23801	168.76 6.50 0.00	162.17 6.24 0.00	159.29 5.83 0.00	157.86 5.92 0.00	162.23 6.08 0.00	168.93 6.66 0.00	214.86 7.30 -29.49	234.13 7.10 -44.90	212.76 6.81 -31.06	189.44 7.10 0.00	162.52 5.80 0.00	149.06 5.32 0.00	149.16 5.04 0.00	143.50 5.12 0.00	141.98 4.67 0.00	152.36 4.86 0.00	167.73 5.99 0.00	192.53 6.76 -3.09	191.44 6.56 -7.56	172.84 6.17 0.00	167.26 5.97 0.00	159.90 5.71 0.00	154.65 6.09 0.00	153.80 5.92 0.00
SELKIRK___II 23799	167.78 5.52 0.00	161.23 5.30 0.00	158.52 5.06 0.00	157.10 5.17 0.00	161.29 5.15 0.00	168.11 5.83 0.00	215.69 6.59 -31.03	236.27 6.55 -47.58	214.22 6.64 -32.69	189.26 6.93 0.00	162.35 5.63 0.00	149.06 5.32 0.00	149.16 5.04 0.00	143.50 5.12 0.00	141.98 4.67 0.00	152.22 4.72 0.00	167.25 5.50 0.00	191.94 6.02 -3.25	191.11 5.84 -7.96	172.16 5.49 0.00	166.60 5.31 0.00	159.27 5.08 0.00	154.06 5.50 0.00	153.05 5.17 0.00
SENECA OSWGO___HYD 24041	158.04 -4.22 0.00	152.04 -3.89 0.00	149.63 -3.83 0.00	148.14 -3.79 0.00	152.39 -3.75 0.00	159.03 -3.24 0.00	174.86 -3.20 0.00	178.50 -3.64 0.00	171.39 -3.50 0.00	178.50 -3.84 0.00	152.96 -3.76 0.00	140.15 -3.59 0.00	140.37 -3.75 0.00	134.65 -3.73 0.00	133.73 -3.57 0.00	143.66 -3.84 0.00	157.86 -3.88 0.00	178.48 -4.19 0.00	173.24 -4.07 0.00	162.51 -4.16 0.00	157.26 -4.03 0.00	150.18 -4.01 0.00	144.40 -4.16 0.00	144.19 -3.69 0.00
SENECA___115KV_TB3 355854	149.28 -12.98 0.00	143.61 -12.32 0.00	141.95 -11.51 0.00	140.24 -11.70 0.00	144.43 -11.71 0.00	150.91 -11.36 0.00	166.49 -14.07 -2.50	167.43 -17.49 -2.77	160.73 -16.79 -2.63	152.10 -15.13 15.10	141.05 -15.67 0.00	129.37 -14.37 0.00	129.85 -14.27 0.00	124.13 -14.25 0.00	123.57 -13.73 0.00	133.04 -14.45 0.00	144.60 -17.14 0.00	163.18 -19.73 -0.23	158.94 -18.97 -0.60	148.45 -18.17 0.05	143.68 -17.58 0.03	137.53 -16.65 0.01	132.66 -15.90 0.00	136.49 -11.39 0.00
SENECA___ENERGY 23797	157.72 -4.54 0.00	151.56 -4.37 0.00	149.33 -4.14 0.00	147.84 -4.10 0.00	152.24 -3.90 0.00	159.36 -2.92 0.00	177.11 -2.86 -1.90	180.61 -3.64 -2.11	173.21 -3.68 -2.01	181.72 -4.01 -3.40	152.50 -4.22 0.00	139.57 -4.17 0.00	139.80 -4.32 0.00	134.09 -4.29 0.00	133.19 -4.12 0.00	143.52 -3.98 0.00	157.54 -4.21 0.00	178.68 -4.19 -0.19	173.72 -4.07 -0.48	162.32 -4.33 0.01	157.09 -4.19 0.01	149.71 -4.48 0.00	143.80 -4.76 0.00	144.33 -3.55 0.00
SHOEMAKER___GT 23640	169.73 7.47 0.00	163.26 7.33 0.00	160.83 7.37 0.00	158.93 6.99 0.00	163.18 7.03 0.00	170.22 7.95 0.00	200.49 9.43 -13.00	209.40 10.01 -17.26	198.72 10.14 -13.69	192.72 10.39 0.00	164.71 7.99 0.00	151.07 7.33 0.00	151.17 7.06 0.00	145.16 6.78 0.00	144.17 6.86 0.00	155.02 7.52 0.00	170.15 8.41 0.00	193.90 9.86 -1.36	190.21 9.57 -3.33	175.33 8.66 0.00	169.83 8.54 0.00	162.20 8.01 0.00	156.13 7.57 0.00	154.98 7.10 0.00
SHOEMAKR_138KV_BK 111 55601	169.73 7.46 0.00	163.10 7.17 0.00	160.68 7.21 0.00	158.93 6.99 0.00	163.32 7.18 0.00	170.06 7.79 0.00	200.41 9.44 -12.91	209.11 9.84 -17.14	198.63 10.14 -13.60	192.91 10.58 0.00	164.71 7.99 0.00	151.07 7.33 0.00	151.32 7.21 0.00	145.16 6.78 0.00	144.31 7.00 0.00	155.02 7.52 0.00	170.32 8.57 0.00	193.89 9.86 -1.35	190.02 9.40 -3.31	175.33 8.67 0.00	169.68 8.39 0.00	162.21 8.02 0.00	155.98 7.43 0.00	154.98 7.10 0.00
SHOREHAM_IC_1 23715	186.54 15.09 -9.19	177.12 14.65 -6.54	169.89 14.88 -1.55	169.37 15.80 -1.63	173.06 15.46 -1.45	185.62 17.69 -5.66	224.04 21.36 -24.62	236.04 23.50 -30.40	219.52 22.73 -21.91	211.03 22.24 -6.46	181.55 15.52 -9.31	168.16 15.67 -8.75	167.59 14.99 -8.49	160.72 13.15 -9.18	161.19 14.55 -9.34	171.49 15.79 -8.21	187.82 16.66 -9.41	216.32 23.02 -10.63	210.74 22.52 -10.91	196.62 20.83 -9.12	189.37 19.51 -8.57	181.34 18.19 -8.97	173.24 17.08 -7.61	171.18 16.41 -6.89
SHOREHAM_IC_2 23716	186.54 15.09 -9.19	177.12 14.65 -6.54	169.89 14.88 -1.55	169.37 15.80 -1.63	173.06 15.46 -1.45	185.62 17.69 -5.66	224.04 21.36 -24.62	236.04 23.50 -30.40	219.52 22.73 -21.91	211.03 22.24 -6.46	181.55 15.52 -9.31	168.16 15.67 -8.75	167.59 14.99 -8.49	160.72 13.15 -9.18	161.19 14.55 -9.34	171.49 15.79 -8.21	187.82 16.66 -9.41	216.32 23.02 -10.63	210.74 22.52 -10.91	196.62 20.83 -9.12	189.37 19.51 -8.57	181.34 18.19 -8.97	173.24 17.08 -7.61	171.18 16.41 -6.89
SISSONVILLE____ 23735	161.45 -0.81 0.00	154.99 -0.94 0.00	152.39 -1.07 0.00	150.87 -1.06 0.00	154.27 -1.87 0.00	158.22 -4.06 0.00	171.30 -6.77 0.00	176.13 -6.01 0.00	168.59 -6.30 0.00	175.59 -6.75 0.00	152.96 -3.76 0.00	140.00 -3.74 0.00	141.23 -2.88 0.00	135.33 -3.04 0.00	134.15 -3.16 0.00	143.07 -4.42 0.00	156.41 -5.34 0.00	176.83 -5.85 0.00	171.99 -5.32 0.00	162.00 -4.67 0.00	156.61 -4.68 0.00	151.26 -2.93 0.00	147.22 -1.34 0.00	146.84 -1.04 0.00
SITHE_IND_GS1 24169	155.60 -6.66 0.00	149.69 -6.24 0.00	147.32 -6.14 0.00	145.85 -6.08 0.00	149.89 -6.25 0.00	156.27 -6.00 0.00	171.66 -6.40 0.00	175.22 -6.92 0.00	168.24 -6.65 0.00	175.22 -7.11 0.00	150.45 -6.27 0.00	137.99 -5.75 0.00	138.20 -5.91 0.00	132.70 -5.68 0.00	131.67 -5.64 0.00	141.59 -5.90 0.00	155.27 -6.47 0.00	175.55 -7.13 0.00	170.39 -6.92 0.00	159.83 -6.84 0.00	154.67 -6.62 0.00	147.86 -6.33 0.00	142.32 -6.23 0.00	142.11 -5.77 0.00
SITHE_IND_GS2 24170	155.60 -6.66 0.00	149.69 -6.24 0.00	147.32 -6.14 0.00	145.85 -6.08 0.00	149.89 -6.25 0.00	156.27 -6.00 0.00	171.66 -6.40 0.00	175.22 -6.92 0.00	168.24 -6.65 0.00	175.22 -7.11 0.00	150.45 -6.27 0.00	137.99 -5.75 0.00	138.20 -5.91 0.00	132.70 -5.68 0.00	131.67 -5.64 0.00	141.59 -5.90 0.00	155.27 -6.47 0.00	175.55 -7.13 0.00	170.39 -6.92 0.00	159.83 -6.84 0.00	154.67 -6.62 0.00	147.86 -6.33 0.00	142.32 -6.23 0.00	142.11 -5.77 0.00
SITHE_IND_GS3 24171	155.60 -6.66 0.00	149.69 -6.24 0.00	147.32 -6.14 0.00	145.85 -6.08 0.00	149.89 -6.25 0.00	156.27 -6.00 0.00	171.66 -6.40 0.00	175.22 -6.92 0.00	168.24 -6.65 0.00	175.22 -7.11 0.00	150.45 -6.27 0.00	137.99 -5.75 0.00	138.20 -5.91 0.00	132.70 -5.68 0.00	131.67 -5.64 0.00	141.59 -5.90 0.00	155.27 -6.47 0.00	175.55 -7.13 0.00	170.39 -6.92 0.00	159.83 -6.84 0.00	154.67 -6.62 0.00	147.86 -6.33 0.00	142.32 -6.23 0.00	142.11 -5.77 0.00
SITHE_IND_GS4 24172	155.60 -6.66 0.00	149.69 -6.24 0.00	147.32 -6.14 0.00	145.85 -6.08 0.00	149.89 -6.25 0.00	156.27 -6.00 0.00	171.66 -6.40 0.00	175.22 -6.92 0.00	168.24 -6.65 0.00	175.22 -7.11 0.00	150.45 -6.27 0.00	137.99 -5.75 0.00	138.20 -5.91 0.00	132.70 -5.68 0.00	131.67 -5.64 0.00	141.59 -5.90 0.00	155.27 -6.47 0.00	175.55 -7.13 0.00	170.39 -6.92 0.00	159.83 -6.84 0.00	154.67 -6.62 0.00	147.86 -6.33 0.00	142.32 -6.23 0.00	142.11 -5.77 0.00

SITHE___BATAVIA 24024	151.72 -10.54 0.00	145.80 -10.13 0.00	143.95 -9.52 0.00	142.37 -9.57 0.00	146.61 -9.53 0.00	153.83 -8.45 0.00	169.64 -10.51 -2.08	170.79 -13.66 -2.32	163.96 -13.12 -2.20	169.04 -14.22 -0.93	144.34 -12.38 0.00	132.24 -11.50 0.00	132.30 -11.81 0.00	126.48 -11.90 0.00	125.77 -11.53 0.00	135.84 -11.66 0.00	148.32 -13.42 0.00	167.37 -15.53 -0.22	162.43 -15.43 -0.54	151.36 -15.33 -0.02	146.78 -14.52 0.00	140.31 -13.88 0.01	134.89 -13.66 0.00	138.57 -9.31 0.00
SITHE___INDEPEND 23800	155.61 -6.65 0.00	149.69 -6.24 0.00	147.33 -6.14 0.00	145.86 -6.08 0.00	150.05 -6.09 0.00	156.27 -6.00 0.00	171.65 -6.41 0.00	175.40 -6.74 0.00	168.24 -6.65 0.00	175.22 -7.11 0.00	150.45 -6.27 0.00	137.99 -5.75 0.00	138.21 -5.91 0.00	132.71 -5.67 0.00	131.68 -5.63 0.00	141.60 -5.90 0.00	155.27 -6.47 0.00	175.55 -7.12 0.00	170.39 -6.92 0.00	159.83 -6.83 0.00	154.68 -6.61 0.00	147.87 -6.32 0.00	142.32 -6.24 0.00	142.11 -5.77 0.00
SITHE___MASSENA 23902	162.26 0.00 0.00	155.62 -0.31 0.00	153.01 -0.46 0.00	151.63 -0.30 0.00	155.68 -0.47 0.00	160.00 -2.27 0.00	174.50 -3.56 0.00	179.22 -2.92 0.00	171.56 -3.33 0.00	179.06 -3.28 0.00	155.00 -1.72 0.00	142.16 -1.58 0.00	143.11 -1.00 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	145.73 -1.76 0.00	159.32 -2.42 0.00	179.75 -2.93 0.00	174.83 -2.48 0.00	164.67 -1.99 0.00	159.36 -1.93 0.00	153.12 -1.07 0.00	147.96 -0.59 0.00	147.14 -0.74 0.00
SITHE___OGDNSBRG 24021	164.37 2.11 0.00	157.80 1.87 0.00	155.15 1.69 0.00	153.61 1.67 0.00	157.39 1.25 0.00	161.95 -0.32 0.00	176.46 -1.60 0.00	181.41 -0.73 0.00	173.31 -1.57 0.00	180.51 -1.82 0.00	156.41 -0.31 0.00	143.17 -0.57 0.00	144.26 0.14 0.00	138.24 -0.14 0.00	137.17 -0.14 0.00	146.91 -0.59 0.00	160.77 -0.97 0.00	182.13 -0.55 0.00	177.13 -0.18 0.00	166.67 0.00 0.00	161.13 -0.16 0.00	154.96 0.77 0.00	150.04 1.49 0.00	149.36 1.48 0.00
SITHE___STERLING 23777	166.32 4.06 0.00	160.14 4.21 0.00	157.76 4.29 0.00	156.18 4.25 0.00	160.67 4.53 0.00	168.11 5.83 0.00	185.37 7.30 0.00	189.61 7.47 0.00	181.53 6.64 0.00	189.09 6.75 0.00	161.88 5.16 0.00	148.20 4.46 0.00	148.59 4.47 0.00	142.53 4.15 0.00	141.42 4.12 0.00	152.22 4.72 0.00	167.40 5.66 0.00	189.79 7.12 0.00	184.22 6.91 0.00	172.34 5.67 0.00	166.60 5.31 0.00	158.81 4.62 0.00	152.71 4.15 0.00	152.31 4.43 0.00
SLEIGHT__34_KV_TB1 80719	156.10 -6.17 0.00	150.16 -5.77 0.00	147.94 -5.52 0.00	146.47 -5.47 0.00	150.83 -5.31 0.00	157.89 -4.38 0.00	173.26 -4.81 0.00	176.31 -5.83 0.00	169.12 -5.77 0.00	175.04 -7.29 0.00	150.92 -5.80 0.00	138.28 -5.46 0.00	138.35 -5.76 0.00	132.71 -5.67 0.00	131.95 -5.35 0.00	141.89 -5.60 0.00	155.44 -6.31 0.00	175.54 -7.12 0.01	170.38 -6.92 0.01	159.49 -7.17 0.01	154.51 -6.77 0.01	147.71 -6.48 0.00	141.87 -6.69 0.00	142.85 -5.03 0.00
SOUTH CAIRO___GT 23612	175.40 13.14 0.00	168.25 12.32 0.00	165.43 11.97 0.00	163.79 11.85 0.00	168.48 12.34 0.00	175.58 13.31 0.00	220.70 14.07 -28.57	239.66 14.02 -43.50	218.45 13.47 -30.10	196.19 13.86 0.00	167.53 10.81 0.00	153.37 9.63 0.00	153.34 9.22 0.00	146.96 8.58 0.00	145.68 8.38 0.00	156.64 9.14 0.00	173.55 11.81 0.00	198.64 12.97 -2.99	197.23 12.59 -7.33	179.33 12.67 0.00	173.39 12.10 0.00	165.14 10.95 0.00	159.85 11.29 0.00	158.67 10.80 0.00
SOUTH HAMPTN___IC 23720	188.86 17.53 -9.07	179.39 17.00 -6.46	172.02 17.03 -1.53	171.31 17.77 -1.61	175.06 17.48 -1.43	187.65 19.79 -5.59	226.24 23.69 -24.49	238.24 25.85 -30.25	221.90 25.19 -21.83	213.32 24.61 -6.38	183.61 17.70 -9.19	169.77 17.39 -8.64	169.07 16.57 -8.39	162.40 14.95 -9.08	162.59 16.06 -9.23	173.00 17.40 -8.11	189.96 18.91 -9.30	218.58 25.38 -10.52	212.95 24.82 -10.82	198.68 23.01 -9.01	191.21 21.45 -8.47	183.08 20.04 -8.85	174.79 18.72 -7.51	172.72 18.03 -6.80
SOUTHDOW_115KV_TB1 355954	154.31 -7.95 0.00	148.29 -7.64 0.00	146.56 -6.91 0.00	144.49 -7.44 0.00	149.12 -7.03 0.00	156.11 -6.17 0.00	173.48 -7.30 -2.71	175.13 -10.02 -3.01	167.95 -9.79 -2.86	168.03 -5.65 8.65	147.16 -9.56 0.00	135.12 -8.62 0.00	135.61 -8.50 0.00	129.66 -8.72 0.00	129.07 -8.24 0.00	139.09 -8.41 0.00	151.39 -10.35 0.00	171.05 -11.87 -0.25	166.97 -10.99 -0.65	155.94 -10.67 0.06	150.61 -10.65 0.04	143.39 -10.79 0.01	138.01 -10.55 0.00	141.96 -5.92 0.00
SOUTHOLD_69_KV_BK 2 55809	192.11 20.77 -9.08	182.35 19.96 -6.46	174.79 19.80 -1.53	174.06 20.51 -1.61	178.34 20.77 -1.43	190.58 22.72 -5.59	229.80 27.24 -24.50	241.90 29.51 -30.26	225.40 28.68 -21.83	216.98 28.26 -6.39	186.76 20.84 -9.20	172.08 19.69 -8.65	171.53 19.02 -8.39	164.62 17.16 -9.08	165.48 18.95 -9.23	175.52 19.91 -8.11	194.66 23.61 -9.30	222.79 29.59 -10.52	216.68 28.55 -10.82	202.18 26.50 -9.01	194.60 24.84 -8.47	187.10 24.05 -8.86	177.61 21.54 -7.52	175.39 20.70 -6.81
SOUTHOLD___IC 23719	192.11 20.77 -9.08	182.35 19.96 -6.46	174.80 19.80 -1.53	174.05 20.50 -1.61	177.87 20.29 -1.43	190.75 22.89 -5.59	229.81 27.24 -24.50	241.90 29.50 -30.26	225.40 28.68 -21.83	216.79 28.07 -6.39	186.28 20.36 -9.20	172.08 19.69 -8.65	171.38 18.87 -8.39	164.47 17.02 -9.08	164.80 18.26 -9.23	175.38 19.77 -8.11	192.87 21.83 -9.30	222.42 29.22 -10.52	216.69 28.55 -10.82	202.18 26.50 -9.01	194.44 24.68 -8.47	186.03 22.98 -8.86	177.31 21.24 -7.52	175.39 20.70 -6.81
SOUTH_FORK_WT_PWR 323839	192.42 21.08 -9.07	182.65 20.26 -6.46	175.09 20.10 -1.53	174.20 20.66 -1.61	178.02 20.45 -1.43	190.90 23.03 -5.59	229.97 27.41 -24.49	241.90 29.50 -30.26	225.56 28.85 -21.83	216.98 28.26 -6.38	186.44 20.53 -9.19	172.23 19.84 -8.64	171.38 18.87 -8.39	164.47 17.02 -9.08	164.80 18.26 -9.23	175.51 19.90 -8.11	192.87 21.83 -9.30	222.61 29.42 -10.52	216.85 28.72 -10.82	202.18 26.50 -9.01	194.44 24.68 -8.47	186.03 22.98 -8.86	177.47 21.40 -7.51	175.54 20.86 -6.81
SPIERFLS_115KV_TB 1 80737	174.43 12.17 0.00	167.47 11.54 0.00	164.05 10.59 0.00	162.88 10.94 0.00	167.70 11.55 0.00	174.77 12.49 0.00	254.92 14.96 -61.90	300.12 15.48 -102.50	255.14 15.04 -65.21	197.29 14.95 0.00	168.63 11.91 0.00	154.09 10.35 0.00	153.77 9.66 0.00	147.79 9.41 0.00	146.64 9.34 0.00	158.12 10.62 0.00	175.17 13.42 0.00	205.23 16.08 -6.48	208.79 15.60 -15.88	180.83 14.17 0.00	174.68 13.39 0.00	166.22 12.03 0.00	159.85 11.29 0.00	158.53 10.65 0.00
ST LAWRENCE____ 23600	161.13 -1.13 0.00	154.52 -1.41 0.00	152.08 -1.38 0.00	150.57 -1.37 0.00	154.73 -1.41 0.00	159.18 -3.09 0.00	173.98 -4.09 0.00	178.50 -3.64 0.00	171.04 -3.85 0.00	178.32 -4.01 0.00	154.37 -2.35 0.00	141.59 -2.15 0.00	142.39 -1.72 0.00	136.58 -1.80 0.00	135.52 -1.79 0.00	145.43 -2.07 0.00	158.99 -2.75 0.00	179.20 -3.48 0.00	174.12 -3.19 0.00	164.17 -2.50 0.00	158.70 -2.59 0.00	152.18 -2.01 0.00	146.93 -1.63 0.00	146.11 -1.77 0.00
STATE_CA_115KV_115_LB 55624	168.75 6.49 0.00	162.17 6.24 0.00	159.30 5.83 0.00	157.86 5.93 0.00	162.39 6.25 0.00	169.09 6.82 0.00	230.06 7.66 -44.34	261.07 7.65 -71.28	229.12 7.52 -46.71	190.36 8.02 0.00	163.62 6.90 0.00	150.21 6.47 0.00	150.17 6.05 0.00	144.47 6.09 0.00	142.66 5.35 0.00	153.10 5.60 0.00	168.21 6.47 0.00	194.63 7.31 -4.64	195.78 7.09 -11.38	173.17 6.50 0.00	167.42 6.13 0.00	160.05 5.86 0.00	155.09 6.54 0.00	154.09 6.21 0.00

STATE_ST_34_KV_LOAD 55959	160.48 -1.78 0.00	154.21 -1.72 0.00	151.93 -1.53 0.00	150.42 -1.52 0.00	154.89 -1.25 0.00	161.79 -0.49 0.00	180.13 0.18 -1.88	184.05 -0.18 -2.09	176.52 -0.35 -1.99	181.61 -0.73 0.00	155.47 -1.25 0.00	142.45 -1.29 0.00	142.67 -1.44 0.00	136.86 -1.52 0.00	135.93 -1.37 0.00	146.32 -1.18 0.00	160.77 -0.97 0.00	182.34 -0.55 -0.21	177.28 -0.53 -0.50	165.68 -1.00 -0.02	160.49 -0.81 -0.01	153.11 -1.08 0.00	146.92 -1.63 0.00	146.99 -0.89 0.00
STATION_5_MISC_HYD 23604	154.15 -8.11 0.00	148.14 -7.79 0.00	146.10 -7.36 0.00	144.65 -7.29 0.00	148.81 -7.34 0.00	155.78 -6.50 0.00	170.41 -7.65 0.00	172.48 -9.66 0.00	165.61 -9.27 0.00	172.25 -11.13 -1.05	147.95 -8.77 0.00	135.69 -8.05 0.00	135.75 -8.36 0.00	130.08 -8.30 0.00	129.20 -8.10 0.00	139.24 -8.26 0.00	152.20 -9.54 0.00	171.88 -10.78 0.01	166.30 -10.99 0.02	155.64 -11.01 0.02	150.79 -10.48 0.01	144.31 -9.87 0.00	138.75 -9.81 0.00	140.78 -7.10 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	157.23 -5.03 0.00	151.10 -4.83 0.00	149.01 -4.45 0.00	147.53 -4.41 0.00	151.93 -4.22 0.00	159.19 -3.08 0.00	174.68 -3.38 0.00	177.58 -4.55 0.00	170.34 -4.55 0.00	176.32 -6.02 0.00	151.71 -5.02 0.00	139.14 -4.60 0.00	139.07 -5.04 0.00	133.40 -4.98 0.00	132.77 -4.53 0.00	142.78 -4.72 0.00	156.57 -5.18 0.00	176.81 -5.85 0.02	171.62 -5.67 0.02	160.47 -6.17 0.03	155.47 -5.81 0.02	148.63 -5.55 0.00	142.61 -5.94 0.00	143.89 -3.99 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	153.82 -8.44 0.00	147.82 -8.11 0.00	145.79 -7.67 0.00	144.19 -7.75 0.00	148.49 -7.65 0.00	155.46 -6.82 0.00	170.05 -8.01 0.00	172.48 -9.65 0.00	165.44 -9.44 0.00	171.84 -11.49 -0.99	147.79 -8.93 0.00	135.55 -8.19 0.00	135.61 -8.50 0.00	129.94 -8.44 0.00	129.34 -7.96 0.00	139.09 -8.41 0.00	152.04 -9.70 0.00	171.34 -11.33 0.01	166.30 -10.99 0.02	155.48 -11.17 0.02	150.63 -10.65 0.01	144.32 -9.87 0.00	138.75 -9.80 0.00	140.49 -7.39 0.00
STA_56___34_KV_BUS2 355983	153.82 -8.44 0.00	147.82 -8.11 0.00	145.79 -7.67 0.00	144.19 -7.75 0.00	148.49 -7.65 0.00	155.46 -6.82 0.00	170.05 -8.01 0.00	172.48 -9.65 0.00	165.44 -9.44 0.00	171.84 -11.49 -0.99	147.79 -8.93 0.00	135.55 -8.19 0.00	135.61 -8.50 0.00	129.94 -8.44 0.00	129.34 -7.96 0.00	139.09 -8.41 0.00	152.04 -9.70 0.00	171.34 -11.33 0.01	166.30 -10.99 0.02	155.48 -11.17 0.02	150.63 -10.65 0.01	144.32 -9.87 0.00	138.75 -9.80 0.00	140.49 -7.39 0.00
STA_67___115KV_BK2 355882	153.82 -8.44 0.00	147.82 -8.11 0.00	145.94 -7.52 0.00	144.34 -7.60 0.00	148.65 -7.49 0.00	155.46 -6.82 0.00	170.05 -8.01 0.00	172.30 -9.84 0.00	165.27 -9.62 0.00	171.49 -11.85 -1.01	147.47 -9.25 0.00	135.26 -8.48 0.00	135.47 -8.65 0.00	129.80 -8.58 0.00	129.07 -8.24 0.00	138.94 -8.55 0.00	151.72 -10.03 0.00	170.97 -11.69 0.01	165.95 -11.35 0.02	155.15 -11.50 0.02	150.47 -10.81 0.01	144.16 -10.02 0.00	138.60 -9.95 0.00	140.49 -7.39 0.00
STA_7___115KV_9TRANS 80674	154.64 -7.63 0.00	148.60 -7.33 0.00	146.56 -6.91 0.00	145.10 -6.84 0.00	149.27 -6.87 0.00	156.43 -5.84 0.00	171.12 -6.94 0.00	173.39 -8.74 0.00	166.32 -8.57 0.00	172.81 -10.58 -1.05	148.57 -8.15 0.00	136.41 -7.33 0.00	136.48 -7.64 0.00	130.63 -7.75 0.00	130.17 -7.14 0.00	139.98 -7.52 0.00	152.85 -8.90 0.00	172.25 -10.41 0.01	167.19 -10.11 0.02	156.31 -10.33 0.02	151.60 -9.68 0.01	145.09 -9.10 0.00	139.49 -9.06 0.00	141.37 -6.51 0.00
STA_82___115KV_TB1 80780	153.99 -8.28 0.00	147.98 -7.95 0.00	145.94 -7.52 0.00	144.49 -7.44 0.00	148.65 -7.49 0.00	155.62 -6.65 0.00	170.05 -8.01 0.00	172.30 -9.84 0.00	165.44 -9.44 0.00	171.89 -11.67 -1.22	147.63 -9.09 0.00	135.40 -8.34 0.00	135.47 -8.65 0.00	129.80 -8.58 0.00	129.20 -8.10 0.00	138.94 -8.55 0.00	151.72 -10.03 0.00	171.15 -11.51 0.01	165.95 -11.35 0.02	155.31 -11.33 0.02	150.47 -10.81 0.01	144.16 -10.02 0.00	138.60 -9.95 0.00	140.63 -7.25 0.00
STEEL___WIND 323596	149.12 -13.14 0.00	143.45 -12.48 0.00	141.79 -11.67 0.00	139.93 -12.01 0.00	144.12 -12.02 0.00	150.59 -11.69 0.00	166.31 -14.25 -2.50	166.88 -18.03 -2.77	160.39 -17.13 -2.63	152.11 -15.13 15.10	140.73 -15.99 0.00	129.23 -14.51 0.00	129.56 -14.55 0.00	123.85 -14.53 0.00	122.89 -14.42 0.00	132.75 -14.75 0.00	144.27 -17.47 0.00	163.00 -19.91 -0.23	158.59 -19.32 -0.60	147.95 -18.66 0.05	143.52 -17.74 0.03	137.06 -17.12 0.01	132.21 -16.34 0.00	136.34 -11.53 0.00
STEPHTWN_115KV_BK_2 55603	170.37 8.11 0.00	163.73 7.80 0.00	160.68 7.21 0.00	159.38 7.44 0.00	163.95 7.81 0.00	170.71 8.44 0.00	224.92 9.79 -37.06	250.48 10.02 -58.33	224.07 10.14 -39.04	192.91 10.58 0.00	165.65 8.93 0.00	151.93 8.19 0.00	151.90 7.78 0.00	145.99 7.61 0.00	144.31 7.00 0.00	154.43 6.93 0.00	170.15 8.41 0.00	196.06 9.50 -3.88	196.04 9.22 -9.51	175.17 8.50 0.00	169.35 8.06 0.00	161.75 7.56 0.00	156.58 8.02 0.00	155.57 7.69 0.00
STEUBEN_REC_LFGE 323667	155.77 -6.49 0.00	149.85 -6.08 0.00	148.09 -5.37 0.00	146.47 -5.47 0.00	151.30 -4.84 0.00	158.38 -3.89 0.00	177.54 -3.92 -3.39	181.13 -5.65 -4.64	172.34 -6.12 -3.57	209.89 -4.92 -32.48	149.35 -7.37 0.00	136.70 -7.04 0.00	137.20 -6.92 0.00	131.18 -7.20 0.00	130.85 -6.45 0.00	141.30 -6.19 0.00	155.44 -6.31 0.00	176.54 -6.39 -0.26	171.85 -6.21 -0.75	160.01 -6.50 0.16	154.74 -6.45 0.10	147.53 -6.63 0.03	141.72 -6.83 0.00	143.44 -4.44 0.00
STILLWATER___SOLAR 323814	172.80 10.54 0.00	166.06 10.13 0.00	162.83 9.36 0.00	161.51 9.58 0.00	166.14 10.00 0.00	173.31 11.04 0.00	250.56 12.83 -59.66	293.78 13.12 -98.52	250.34 12.60 -62.85	194.74 12.40 0.00	166.60 9.88 0.00	152.51 8.77 0.00	152.33 8.21 0.00	146.40 8.02 0.00	145.27 7.96 0.00	156.50 9.00 0.00	172.90 11.15 0.00	202.25 13.33 -6.25	205.55 12.94 -15.31	178.33 11.66 0.00	172.41 11.12 0.00	164.36 10.17 0.00	158.21 9.65 0.00	157.20 9.32 0.00
STONY___BROOK 24151	185.45 13.78 -9.40	176.03 13.41 -6.69	168.70 13.65 -1.59	167.43 13.82 -1.67	170.90 13.26 -1.49	183.32 15.25 -5.79	221.44 18.52 -24.86	233.38 20.58 -30.66	217.06 20.10 -22.07	208.65 19.70 -6.61	180.82 14.58 -9.52	166.92 14.23 -8.94	166.34 13.54 -8.68	160.36 12.59 -9.39	160.03 13.18 -9.54	169.91 14.02 -8.39	186.91 15.53 -9.63	213.79 20.27 -10.84	208.07 19.68 -11.08	194.17 18.17 -9.34	187.00 16.93 -8.77	179.10 15.74 -9.17	171.34 15.00 -7.78	169.13 14.20 -7.05
STURGEON_POOL_HYD 23609	171.51 9.25 0.00	164.82 8.89 0.00	162.52 9.05 0.00	160.60 8.66 0.00	165.04 8.90 0.00	172.01 9.74 0.00	206.02 11.04 -16.92	216.80 11.11 -23.55	204.25 11.54 -17.82	194.73 12.40 0.00	166.28 9.56 0.00	152.51 8.77 0.00	152.76 8.65 0.00	146.54 8.16 0.00	145.68 8.38 0.00	156.49 9.00 0.00	171.93 10.19 0.00	195.77 11.33 -1.77	192.47 10.82 -4.34	177.00 10.33 0.00	171.45 10.16 0.00	163.75 9.56 0.00	157.47 8.91 0.00	156.16 8.28 0.00
ST_LAW_115_BK7_LBMP 345037	160.96 -1.30 0.00	154.52 -1.41 0.00	151.93 -1.53 0.00	150.42 -1.52 0.00	154.58 -1.56 0.00	159.03 -3.24 0.00	173.62 -4.44 0.00	178.13 -4.01 0.00	170.69 -4.20 0.00	178.15 -4.19 0.00	154.21 -2.51 0.00	141.43 -2.31 0.00	142.24 -1.88 0.00	136.44 -1.94 0.00	135.38 -1.92 0.00	145.29 -2.21 0.00	158.67 -3.08 0.00	179.02 -3.65 0.00	173.94 -3.37 0.00	163.83 -2.83 0.00	158.55 -2.74 0.00	152.03 -2.16 0.00	146.93 -1.63 0.00	145.95 -1.93 0.00

ST_LAW_115_BK8_LBMP 345038	160.96 -1.30 0.00	154.52 -1.41 0.00	151.93 -1.53 0.00	150.42 -1.52 0.00	154.58 -1.56 0.00	159.03 -3.24 0.00	173.62 -4.44 0.00	178.13 -4.01 0.00	170.69 -4.20 0.00	178.15 -4.19 0.00	154.21 -2.51 0.00	141.43 -2.31 0.00	142.24 -1.88 0.00	136.44 -1.94 0.00	135.38 -1.92 0.00	145.29 -2.21 0.00	158.67 -3.08 0.00	179.02 -3.65 0.00	173.94 -3.37 0.00	163.83 -2.83 0.00	158.55 -2.74 0.00	152.03 -2.16 0.00	146.93 -1.63 0.00	145.95 -1.93 0.00
ST_LAW_230_BK5_LBMP 345035	161.13 -1.13 0.00	154.52 -1.41 0.00	152.08 -1.38 0.00	150.57 -1.37 0.00	154.73 -1.41 0.00	159.18 -3.09 0.00	173.98 -4.09 0.00	178.50 -3.64 0.00	171.04 -3.85 0.00	178.32 -4.01 0.00	154.37 -2.35 0.00	141.59 -2.15 0.00	142.39 -1.72 0.00	136.58 -1.80 0.00	135.52 -1.79 0.00	145.43 -2.07 0.00	158.99 -2.75 0.00	179.20 -3.48 0.00	174.12 -3.19 0.00	164.17 -2.50 0.00	158.70 -2.59 0.00	152.18 -2.01 0.00	146.93 -1.63 0.00	146.11 -1.77 0.00
ST_LAW_230_BK6_LBMP 345036	161.13 -1.13 0.00	154.52 -1.41 0.00	152.08 -1.38 0.00	150.57 -1.37 0.00	154.73 -1.41 0.00	159.18 -3.09 0.00	173.98 -4.09 0.00	178.50 -3.64 0.00	171.04 -3.85 0.00	178.32 -4.01 0.00	154.37 -2.35 0.00	141.59 -2.15 0.00	142.39 -1.72 0.00	136.58 -1.80 0.00	135.52 -1.79 0.00	145.43 -2.07 0.00	158.99 -2.75 0.00	179.20 -3.48 0.00	174.12 -3.19 0.00	164.17 -2.50 0.00	158.70 -2.59 0.00	152.18 -2.01 0.00	146.93 -1.63 0.00	146.11 -1.77 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	170.37 8.11 0.00	163.88 7.95 0.00	161.44 7.98 0.00	159.68 7.75 0.00	164.11 7.96 0.00	170.87 8.60 0.00	201.69 10.33 -13.29	210.90 11.11 -17.65	200.26 11.37 -14.00	194.19 11.85 0.00	165.65 8.93 0.00	152.08 8.34 0.00	152.19 8.07 0.00	146.13 7.75 0.00	145.13 7.83 0.00	155.90 8.41 0.00	171.29 9.54 0.00	195.03 10.96 -1.39	191.36 10.64 -3.41	176.33 9.67 0.00	170.64 9.35 0.00	163.13 8.94 0.00	156.88 8.32 0.00	155.57 7.69 0.00
SWANROAD_115KV_TB1 355699	143.93 -18.34 0.00	138.62 -17.31 0.00	137.04 -16.42 0.00	135.38 -16.56 0.00	139.43 -16.71 0.00	145.56 -16.71 0.00	159.69 -20.66 -2.28	160.08 -24.59 -2.54	153.68 -23.61 -2.40	151.22 -24.98 6.13	135.25 -21.47 0.00	124.05 -19.69 0.00	124.37 -19.74 0.00	119.01 -19.37 0.00	118.49 -18.81 0.00	127.59 -19.91 0.00	138.13 -23.61 0.00	155.32 -27.58 -0.23	151.11 -26.77 -0.58	140.83 -25.83 0.01	136.92 -24.35 0.01	131.83 -22.36 0.01	127.16 -21.39 0.00	131.32 -16.56 0.00
SYNERGY___BIOGAS 323694	151.72 -10.54 0.00	145.80 -10.13 0.00	143.95 -9.52 0.00	142.37 -9.57 0.00	146.61 -9.53 0.00	153.83 -8.45 0.00	169.64 -10.51 -2.08	170.79 -13.66 -2.32	163.96 -13.12 -2.20	169.04 -14.22 -0.93	144.34 -12.38 0.00	132.24 -11.50 0.00	132.30 -11.81 0.00	126.48 -11.90 0.00	125.77 -11.53 0.00	135.84 -11.66 0.00	148.32 -13.42 0.00	167.37 -15.53 -0.22	162.43 -15.43 -0.54	151.36 -15.33 -0.02	146.78 -14.52 0.00	140.31 -13.88 0.01	134.89 -13.66 0.00	138.57 -9.31 0.00
SYRACUSE___ENERGY_ST1 323597	159.99 -2.27 0.00	153.90 -2.03 0.00	151.47 -2.00 0.00	149.96 -1.98 0.00	154.27 -1.87 0.00	160.97 -1.30 0.00	177.17 -0.89 0.00	180.86 -1.27 0.00	173.66 -1.22 0.00	180.69 -1.64 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	142.24 -1.87 0.00	136.44 -1.94 0.00	135.52 -1.78 0.00	145.73 -1.77 0.00	159.96 -1.78 0.00	181.03 -1.64 0.00	175.71 -1.60 0.00	164.83 -1.83 0.00	159.52 -1.77 0.00	152.34 -1.85 0.00	146.48 -2.08 0.00	146.25 -1.63 0.00
SYRACUSE___ENERGY_ST2 323598	159.99 -2.27 0.00	153.90 -2.03 0.00	151.47 -2.00 0.00	149.96 -1.98 0.00	154.27 -1.87 0.00	160.97 -1.30 0.00	177.17 -0.89 0.00	180.86 -1.27 0.00	173.66 -1.22 0.00	180.69 -1.64 0.00	155.00 -1.72 0.00	142.02 -1.72 0.00	142.24 -1.87 0.00	136.44 -1.94 0.00	135.52 -1.78 0.00	145.73 -1.77 0.00	159.96 -1.78 0.00	181.03 -1.64 0.00	175.71 -1.60 0.00	164.83 -1.83 0.00	159.52 -1.77 0.00	152.34 -1.85 0.00	146.48 -2.08 0.00	146.25 -1.63 0.00
SYRACUSE___POWER 24017	159.83 -2.43 0.00	153.59 -2.34 0.00	151.32 -2.15 0.00	149.81 -2.13 0.00	154.11 -2.03 0.00	160.81 -1.46 0.00	177.00 -1.07 0.00	180.68 -1.46 0.00	173.49 -1.40 0.00	180.69 -1.64 0.00	154.84 -1.88 0.00	141.87 -1.87 0.00	142.24 -1.87 0.00	136.44 -1.94 0.00	135.52 -1.78 0.00	145.73 -1.77 0.00	159.96 -1.78 0.00	180.86 -1.83 -0.01	175.72 -1.60 -0.01	164.68 -2.00 -0.01	159.52 -1.77 -0.01	152.19 -2.00 0.00	146.33 -2.23 0.00	146.10 -1.77 0.00
TALLMAN___138KV_BK151 55660	171.19 8.92 0.00	164.66 8.73 0.00	162.21 8.75 0.00	160.29 8.36 0.00	164.73 8.59 0.00	171.68 9.41 0.00	203.11 11.40 -13.65	212.46 12.20 -18.12	202.03 12.77 -14.38	195.46 13.13 0.00	166.59 9.87 0.00	152.80 9.06 0.00	152.91 8.79 0.00	146.82 8.44 0.00	145.96 8.65 0.00	156.64 9.14 0.00	172.10 10.35 0.00	196.16 12.06 -1.43	192.34 11.53 -3.50	177.17 10.50 0.00	171.45 10.16 0.00	163.90 9.71 0.00	157.47 8.91 0.00	156.16 8.28 0.00
TEALLAVE_115KV_TB7 355573	158.85 -3.41 0.00	152.81 -3.12 0.00	150.55 -2.92 0.00	149.05 -2.89 0.00	153.33 -2.81 0.00	160.00 -2.27 0.00	175.93 -2.14 0.00	179.77 -2.37 0.00	172.44 -2.45 0.00	179.60 -2.74 0.00	154.06 -2.66 0.00	141.15 -2.59 0.00	141.38 -2.74 0.00	135.75 -2.63 0.00	134.83 -2.47 0.00	144.84 -2.65 0.00	158.99 -2.75 0.00	179.75 -2.92 0.00	174.47 -2.84 0.00	163.67 -3.00 0.00	158.39 -2.90 0.00	151.26 -2.93 0.00	145.44 -3.12 0.00	145.22 -2.66 0.00
TELGRAPH_34_KV_EAST 80808	148.31 -13.95 0.00	142.52 -13.41 0.00	140.88 -12.58 0.00	139.33 -12.61 0.00	143.49 -12.65 0.00	150.10 -12.17 0.00	165.26 -14.96 -2.16	166.32 -18.21 -2.40	159.50 -17.66 -2.27	164.55 -18.96 -1.18	140.26 -16.46 0.00	128.65 -15.09 0.00	128.84 -15.28 0.00	123.16 -15.22 0.00	122.75 -14.55 0.00	132.16 -15.34 0.00	143.63 -18.12 0.00	161.71 -21.19 -0.23	157.49 -20.39 -0.57	146.70 -20.00 -0.03	142.43 -18.87 -0.01	136.61 -17.58 0.01	131.47 -17.08 0.00	135.31 -12.57 0.00
TEMPLE___115KV_TB 2 55572	159.02 -3.25 0.00	152.97 -2.96 0.00	150.55 -2.92 0.00	149.05 -2.89 0.00	153.33 -2.81 0.00	160.00 -2.27 0.00	176.11 -1.96 0.00	179.77 -2.37 0.00	172.61 -2.27 0.00	179.78 -2.55 0.00	154.21 -2.51 0.00	141.30 -2.44 0.00	141.52 -2.59 0.00	135.75 -2.63 0.00	134.83 -2.47 0.00	144.99 -2.51 0.00	159.16 -2.59 0.00	179.94 -2.74 0.00	174.65 -2.66 0.00	163.67 -3.00 0.00	158.55 -2.74 0.00	151.42 -2.78 0.00	145.59 -2.97 0.00	145.37 -2.51 0.00
TIANA____69_KV_BK 1 55817	188.21 16.88 -9.08	178.61 16.22 -6.46	171.41 16.42 -1.53	170.71 17.17 -1.61	174.75 17.18 -1.43	186.85 18.99 -5.59	225.53 22.97 -24.50	237.53 25.13 -30.26	221.20 24.48 -21.83	212.79 24.07 -6.38	183.47 17.55 -9.19	169.20 16.82 -8.65	168.65 16.14 -8.39	161.99 14.53 -9.08	162.87 16.34 -9.23	172.57 16.96 -8.11	191.10 20.06 -9.30	218.22 25.03 -10.52	212.25 24.11 -10.82	198.01 22.33 -9.01	190.89 21.13 -8.47	183.56 20.51 -8.86	174.49 18.42 -7.52	172.28 17.60 -6.81
TILDEN___115KV_TB1 80814	159.83 -2.43 0.00	153.59 -2.34 0.00	151.32 -2.15 0.00	149.81 -2.13 0.00	154.11 -2.03 0.00	160.81 -1.46 0.00	177.00 -1.07 0.00	180.68 -1.46 0.00	173.49 -1.40 0.00	180.69 -1.64 0.00	154.84 -1.88 0.00	141.87 -1.87 0.00	142.24 -1.87 0.00	136.44 -1.94 0.00	135.52 -1.78 0.00	145.73 -1.77 0.00	159.96 -1.78 0.00	180.86 -1.83 -0.01	175.72 -1.60 -0.01	164.68 -2.00 -0.01	159.52 -1.77 -0.01	152.19 -2.00 0.00	146.33 -2.23 0.00	146.10 -1.77 0.00

TRIGEN___CC 323695	242.01 13.31 -66.44	216.34 13.10 -47.31	177.53 13.04 -11.02	176.15 12.61 -11.60	179.44 12.96 -10.34	217.20 13.96 -40.97	283.99 16.74 -89.19	301.76 17.85 -101.77	257.77 18.01 -64.87	247.51 18.42 -46.76	238.36 14.42 -67.22	218.04 13.37 -60.94	216.77 13.11 -59.54	214.10 12.45 -63.26	214.22 12.77 -64.15	219.37 13.57 -58.30	244.88 15.04 -68.09	267.89 17.72 -67.49	250.37 17.02 -56.04	248.22 15.67 -65.89	238.05 14.84 -61.92	233.13 14.19 -64.75	217.26 13.67 -55.03	210.89 13.16 -49.85
TRINITY___115KV___4 BK 55933	168.10 5.84 0.00	161.54 5.61 0.00	158.68 5.22 0.00	157.41 5.47 0.00	161.92 5.78 0.00	168.44 6.17 0.00	223.16 6.94 -38.15	249.33 6.92 -60.27	221.90 6.82 -40.19	189.45 7.11 0.00	162.83 6.11 0.00	149.49 5.75 0.00	149.59 5.48 0.00	143.91 5.54 0.00	142.11 4.81 0.00	152.37 4.87 0.00	167.57 5.82 0.00	193.25 6.58 -3.99	193.30 6.21 -9.79	172.50 5.83 0.00	166.77 5.48 0.00	159.43 5.24 0.00	154.50 5.94 0.00	153.50 5.62 0.00
UNION___PROCESSING_DRP 323587	153.99 -8.28 0.00	147.98 -7.95 0.00	145.94 -7.52 0.00	144.49 -7.44 0.00	148.80 -7.34 0.00	155.62 -6.65 0.00	170.23 -7.83 0.00	172.48 -9.65 0.00	165.44 -9.44 0.00	171.98 -11.67 -1.32	147.63 -9.09 0.00	135.40 -8.34 0.00	135.47 -8.65 0.00	129.80 -8.58 0.00	129.20 -8.10 0.00	138.94 -8.55 0.00	151.88 -9.87 0.00	171.15 -11.51 0.01	166.12 -11.17 0.02	155.31 -11.33 0.02	150.63 -10.65 0.01	144.32 -9.87 0.00	138.75 -9.80 0.00	140.63 -7.25 0.00
UPPER HUDSON___HYD 24058	174.44 12.18 0.00	167.47 11.54 0.00	164.05 10.58 0.00	162.88 10.95 0.00	167.53 11.39 0.00	174.77 12.50 0.00	254.93 14.96 -61.90	300.11 15.47 -102.50	255.14 15.04 -65.21	197.29 14.95 0.00	168.63 11.90 0.00	154.10 10.36 0.00	153.77 9.66 0.00	147.79 9.41 0.00	146.65 9.34 0.00	158.12 10.63 0.00	175.01 13.27 0.00	205.24 16.08 -6.48	208.80 15.61 -15.88	180.83 14.16 0.00	174.67 13.38 0.00	166.23 12.03 0.00	159.84 11.28 0.00	158.53 10.65 0.00
UPPER RAQUET___HYD 24056	161.45 -0.81 0.00	154.85 -1.08 0.00	152.40 -1.07 0.00	150.88 -1.06 0.00	154.58 -1.56 0.00	158.22 -4.05 0.00	171.30 -6.77 0.00	176.30 -5.84 0.00	168.60 -6.29 0.00	175.59 -6.74 0.00	152.96 -3.76 0.00	140.00 -3.74 0.00	141.23 -2.88 0.00	135.33 -3.04 0.00	134.28 -3.02 0.00	143.08 -4.42 0.00	156.56 -5.18 0.00	176.82 -5.85 0.00	172.00 -5.31 0.00	162.00 -4.67 0.00	156.61 -4.68 0.00	151.42 -2.77 0.00	147.22 -1.34 0.00	146.85 -1.03 0.00
VALLEY44_115KV_TB2 355964	151.39 -10.87 0.00	145.48 -10.45 0.00	143.80 -9.67 0.00	141.91 -10.03 0.00	146.31 -9.84 0.00	152.70 -9.57 0.00	169.51 -11.40 -2.84	170.72 -14.57 -3.16	163.89 -13.99 -2.99	170.03 -6.20 6.11	143.56 -13.16 0.00	131.67 -12.07 0.00	132.15 -11.96 0.00	126.34 -12.04 0.00	125.77 -11.53 0.00	135.40 -12.09 0.00	147.83 -13.91 0.00	167.59 -15.34 -0.26	163.81 -14.18 -0.68	153.11 -13.50 0.06	147.54 -13.71 0.04	140.30 -13.88 0.01	135.04 -13.52 0.00	138.71 -9.17 0.00
VALLEY___115KV_TB 1-4 80826	166.16 3.89 0.00	159.98 4.05 0.00	157.45 3.99 0.00	156.04 4.10 0.00	160.51 4.37 0.00	167.14 4.87 0.00	183.76 5.70 0.00	187.78 5.65 0.00	180.31 5.42 0.00	188.17 5.83 0.00	161.42 4.70 0.00	148.20 4.46 0.00	148.44 4.32 0.00	142.39 4.01 0.00	141.29 3.98 0.00	151.78 4.28 0.00	166.43 4.69 0.00	188.16 5.48 0.00	182.45 5.14 0.00	171.00 4.33 0.00	165.32 4.03 0.00	157.74 3.55 0.00	151.97 3.42 0.00	151.28 3.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	172.16 9.90 0.00	166.07 10.14 0.00	163.59 10.13 0.00	161.96 10.03 0.00	166.60 10.46 0.00	174.28 12.01 0.00	204.65 14.25 -12.34	215.01 14.57 -18.30	201.70 13.82 -13.00	197.10 14.77 0.00	168.00 11.28 0.00	153.80 10.06 0.00	154.06 9.94 0.00	147.79 9.41 0.00	146.50 9.20 0.00	157.67 10.18 0.00	173.71 11.97 0.00	198.22 14.25 -1.29	194.31 13.83 -3.17	178.83 12.17 0.00	173.23 11.94 0.00	165.29 11.10 0.00	158.66 10.10 0.00	158.23 10.35 0.00
VISCHER___FERRY HYD 24020	170.69 8.43 0.00	163.72 7.79 0.00	160.83 7.37 0.00	159.53 7.59 0.00	164.10 7.96 0.00	171.19 8.92 0.00	240.31 10.14 -52.10	277.24 10.01 -85.09	239.56 9.79 -54.89	191.99 9.66 0.00	164.55 7.83 0.00	150.78 7.04 0.00	150.89 6.77 0.00	145.16 6.78 0.00	143.90 6.59 0.00	154.58 7.08 0.00	170.47 8.73 0.00	198.36 10.22 -5.46	200.60 9.92 -13.37	175.66 8.99 0.00	169.83 8.54 0.00	162.05 7.86 0.00	156.13 7.57 0.00	155.12 7.24 0.00
V_A_10_SYNC_DSASP 323832	148.80 -13.47 0.00	143.30 -12.63 0.00	141.49 -11.97 0.00	140.09 -11.85 0.00	144.12 -12.02 0.00	150.59 -11.69 0.00	165.67 -14.42 -2.02	166.54 -17.84 -2.25	160.06 -16.96 -2.13	153.97 -19.33 9.04	141.05 -15.67 0.00	129.37 -14.37 0.00	129.70 -14.41 0.00	124.13 -14.25 0.00	123.30 -14.01 0.00	132.89 -14.60 0.00	144.59 -17.15 0.00	163.32 -19.54 -0.19	157.94 -19.86 -0.49	147.62 -19.00 0.05	143.20 -18.06 0.03	137.53 -16.66 0.01	132.51 -16.05 0.00	135.91 -11.97 0.00
V_CMM_10_SYNC_DSASP 323787	161.62 -0.65 0.00	155.15 -0.78 0.00	152.55 -0.92 0.00	151.03 -0.91 0.00	155.21 -0.93 0.00	159.67 -2.60 0.00	174.32 -3.75 0.00	178.86 -3.27 0.00	171.39 -3.50 0.00	178.86 -3.47 0.00	154.85 -1.87 0.00	142.02 -1.72 0.00	142.82 -1.30 0.00	137.00 -1.38 0.00	135.93 -1.37 0.00	145.73 -1.76 0.00	159.15 -2.59 0.00	179.57 -3.11 0.00	174.66 -2.65 0.00	164.50 -2.17 0.00	159.19 -2.10 0.00	152.65 -1.54 0.00	147.52 -1.03 0.00	146.69 -1.19 0.00
V_CMP_10_SYNC_DSASP 323788	164.22 1.95 0.00	157.33 1.40 0.00	154.69 1.22 0.00	153.15 1.21 0.00	157.24 1.10 0.00	161.95 -0.32 0.00	175.74 -2.32 0.00	180.49 -1.64 0.00	172.80 -2.09 0.00	180.15 -2.18 0.00	156.10 -0.62 0.00	143.03 -0.72 0.00	143.97 -0.14 0.00	137.96 -0.41 0.00	137.03 -0.27 0.00	146.91 -0.59 0.00	160.44 -1.30 0.00	180.67 -2.01 0.00	175.71 -1.60 0.00	165.16 -1.50 0.00	159.68 -1.61 0.00	153.42 -0.77 0.00	148.41 -0.15 0.00	149.21 1.33 0.00
V_D_10_SYNC_DSASP 323841	162.26 0.00 0.00	155.62 -0.31 0.00	153.01 -0.46 0.00	151.63 -0.30 0.00	155.68 -0.47 0.00	160.00 -2.27 0.00	174.50 -3.56 0.00	179.22 -2.92 0.00	171.74 -3.14 0.00	179.06 -3.28 0.00	155.00 -1.72 0.00	142.16 -1.58 0.00	143.11 -1.00 0.00	137.13 -1.25 0.00	136.07 -1.24 0.00	145.88 -1.62 0.00	159.32 -2.42 0.00	179.75 -2.93 0.00	174.83 -2.48 0.00	164.67 -1.99 0.00	159.36 -1.93 0.00	153.12 -1.07 0.00	147.96 -0.59 0.00	147.14 -0.74 0.00
V_E_10_SYNC_DSASP 323830	173.30 11.04 0.00	167.47 11.54 0.00	165.12 11.66 0.00	163.64 11.70 0.00	168.47 12.33 0.00	177.70 15.42 0.00	203.82 19.24 -6.52	210.97 19.50 -9.34	198.72 16.96 -6.87	202.53 17.68 -2.52	169.72 13.00 0.00	155.82 12.08 0.00	156.51 12.40 0.00	149.86 11.48 0.00	148.84 11.54 0.00	161.22 13.72 0.00	178.72 16.98 0.00	204.95 21.55 -0.73	200.31 21.27 -1.73	184.58 17.84 -0.07	178.11 16.77 -0.05	168.86 14.66 -0.01	161.33 12.78 0.00	161.48 13.60 0.00
V_F_30_NSYNC___DSASP 323816	172.97 10.71 0.00	166.22 10.29 0.00	162.98 9.52 0.00	161.67 9.73 0.00	166.29 10.14 0.00	173.31 11.04 0.00	251.72 12.99 -60.67	295.56 13.12 -100.30	251.55 12.76 -63.91	194.91 12.57 0.00	166.76 10.04 0.00	152.66 8.92 0.00	152.62 8.50 0.00	146.68 8.30 0.00	145.54 8.24 0.00	156.80 9.30 0.00	173.06 11.32 0.00	202.55 13.52 -6.35	205.99 13.12 -15.56	178.50 11.83 0.00	172.58 11.29 0.00	164.68 10.49 0.00	158.36 9.80 0.00	157.35 9.47 0.00

V_F_30_SYNC_DSASP 323786	168.75 6.49 0.00	162.01 6.08 0.00	159.30 5.83 0.00	157.86 5.93 0.00	162.39 6.25 0.00	169.09 6.82 0.00	229.56 7.66 -43.84	260.17 7.65 -70.38	228.59 7.52 -46.18	190.36 8.02 0.00	163.62 6.90 0.00	150.21 6.47 0.00	150.17 6.05 0.00	144.47 6.09 0.00	142.66 5.35 0.00	153.10 5.60 0.00	168.21 6.47 0.00	194.57 7.31 -4.59	195.65 7.09 -11.25	173.17 6.50 0.00	167.42 6.13 0.00	160.05 5.86 0.00	155.09 6.54 0.00	154.09 6.21 0.00
V_XM_10_SYNC_DSASP 323789	164.22 1.95 0.00	157.33 1.40 0.00	154.69 1.22 0.00	153.15 1.21 0.00	157.24 1.10 0.00	161.95 -0.32 0.00	175.74 -2.32 0.00	180.49 -1.64 0.00	172.80 -2.09 0.00	180.15 -2.18 0.00	156.10 -0.62 0.00	143.03 -0.72 0.00	143.97 -0.14 0.00	137.96 -0.41 0.00	137.03 -0.27 0.00	146.91 -0.59 0.00	160.44 -1.30 0.00	180.67 -2.01 0.00	175.71 -1.60 0.00	165.16 -1.50 0.00	159.68 -1.61 0.00	153.42 -0.77 0.00	148.41 -0.15 0.00	149.21 1.33 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	171.67 9.41 0.00	165.13 9.20 0.00	162.83 9.36 0.00	160.75 8.81 0.00	165.20 9.06 0.00	172.17 9.90 0.00	203.72 11.93 -13.73	213.12 12.75 -18.23	202.64 13.29 -14.46	196.19 13.86 0.00	166.91 10.19 0.00	153.23 9.49 0.00	153.34 9.22 0.00	147.10 8.72 0.00	146.23 8.92 0.00	157.08 9.59 0.00	172.58 10.84 0.00	196.54 12.42 -1.44	192.89 12.06 -3.52	177.67 11.00 0.00	171.94 10.65 0.00	164.21 10.02 0.00	157.92 9.36 0.00	156.60 8.72 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	173.13 10.87 0.00	166.53 10.60 0.00	164.05 10.59 0.00	162.12 10.18 0.00	166.60 10.46 0.00	173.47 11.20 0.00	206.02 13.71 -14.24	215.99 14.94 -18.92	205.45 15.56 -15.00	198.75 16.41 -0.01	170.00 13.01 -0.27	162.49 11.93 -6.82	161.23 11.67 -5.44	158.82 11.21 -9.23	158.55 11.40 -9.85	162.70 12.09 -3.11	175.33 13.59 0.00	199.88 15.71 -1.49	195.86 14.89 -3.65	180.33 13.67 0.00	174.35 13.06 0.00	166.68 12.49 0.00	160.29 11.74 0.00	158.97 11.09 0.00
W50THST__13_KV_LOAD 356117	173.94 11.68 0.00	167.47 11.54 0.00	164.97 11.51 0.00	162.88 10.94 0.00	167.38 11.24 0.00	174.44 12.17 0.00	207.08 14.78 -14.24	217.27 16.21 -18.92	206.68 16.79 -15.00	200.03 17.69 -0.01	171.10 14.10 -0.27	163.64 13.08 -6.82	162.23 12.68 -5.44	159.79 12.18 -9.23	159.51 12.36 -9.85	163.73 13.13 -3.11	176.46 14.72 0.00	201.16 16.99 -1.49	197.10 16.14 -3.65	181.33 14.67 0.00	175.32 14.03 0.00	167.61 13.41 0.00	161.04 12.48 0.00	159.71 11.83 0.00
WADING RIVER_IC_1 23522	186.56 15.25 -9.05	177.19 14.82 -6.44	169.87 14.88 -1.52	169.49 15.95 -1.60	173.18 15.61 -1.43	185.70 17.85 -5.58	224.06 21.54 -24.46	236.03 23.67 -30.22	219.78 23.08 -21.81	211.30 22.60 -6.36	181.56 15.67 -9.17	168.31 15.95 -8.62	167.61 15.13 -8.36	160.72 13.29 -9.05	161.21 14.70 -9.20	171.52 15.93 -8.08	187.84 16.82 -9.27	216.56 23.39 -10.49	210.81 22.70 -10.80	196.82 21.17 -8.98	189.41 19.67 -8.44	181.36 18.34 -8.83	173.27 17.22 -7.49	171.22 16.56 -6.79
WADING RIVER_IC_2 23547	186.56 15.25 -9.05	177.19 14.82 -6.44	169.87 14.88 -1.52	169.49 15.95 -1.60	173.18 15.61 -1.43	185.70 17.85 -5.58	224.06 21.54 -24.46	236.03 23.67 -30.22	219.78 23.08 -21.81	211.30 22.60 -6.36	181.56 15.67 -9.17	168.31 15.95 -8.62	167.61 15.13 -8.36	160.72 13.29 -9.05	161.21 14.70 -9.20	171.52 15.93 -8.08	187.84 16.82 -9.27	216.56 23.39 -10.49	210.81 22.70 -10.80	196.82 21.17 -8.98	189.41 19.67 -8.44	181.36 18.34 -8.83	173.27 17.22 -7.49	171.22 16.56 -6.79
WADING RIVER_IC_3 23601	186.56 15.25 -9.05	177.19 14.82 -6.44	169.87 14.88 -1.52	169.49 15.95 -1.60	173.18 15.61 -1.43	185.70 17.85 -5.58	224.06 21.54 -24.46	236.03 23.67 -30.22	219.78 23.08 -21.81	211.30 22.60 -6.36	181.56 15.67 -9.17	168.31 15.95 -8.62	167.61 15.13 -8.36	160.72 13.29 -9.05	161.21 14.70 -9.20	171.52 15.93 -8.08	187.84 16.82 -9.27	216.56 23.39 -10.49	210.81 22.70 -10.80	196.82 21.17 -8.98	189.41 19.67 -8.44	181.36 18.34 -8.83	173.27 17.22 -7.49	171.22 16.56 -6.79
WALDENNY_12_KV_BK2 80841	149.12 -13.14 0.00	143.46 -12.47 0.00	141.80 -11.66 0.00	139.93 -12.00 0.00	144.28 -11.87 0.00	150.59 -11.68 0.00	166.29 -14.25 -2.47	167.22 -17.67 -2.75	160.35 -17.14 -2.61	152.97 -15.68 13.68	140.89 -15.83 0.00	129.22 -14.52 0.00	129.56 -14.56 0.00	123.99 -14.39 0.00	123.44 -13.87 0.00	132.90 -14.60 0.00	144.28 -17.47 0.00	162.82 -20.09 -0.23	158.59 -19.33 -0.60	147.96 -18.67 0.04	143.36 -17.90 0.03	137.38 -16.81 0.01	132.36 -16.19 0.00	136.34 -11.53 0.00
WALDEN__HYDRO 24148	171.67 9.41 0.00	164.97 9.04 0.00	162.67 9.21 0.00	160.75 8.81 0.00	165.20 9.06 0.00	172.17 9.90 0.00	203.77 11.75 -13.95	213.13 12.39 -18.61	202.35 12.77 -14.70	195.46 13.13 0.00	166.75 10.03 0.00	152.94 9.20 0.00	153.05 8.94 0.00	146.96 8.58 0.00	146.09 8.79 0.00	156.94 9.44 0.00	172.58 10.84 0.00	196.56 12.42 -1.46	192.95 12.06 -3.58	177.67 11.00 0.00	171.94 10.65 0.00	164.21 10.02 0.00	157.92 9.36 0.00	156.75 8.87 0.00
WARRENSBURG____ 23737	174.44 12.18 0.00	167.47 11.54 0.00	164.05 10.58 0.00	162.88 10.95 0.00	167.53 11.39 0.00	174.77 12.50 0.00	254.93 14.96 -61.90	300.11 15.47 -102.50	255.14 15.04 -65.21	197.29 14.95 0.00	168.63 11.90 0.00	154.10 10.36 0.00	153.77 9.66 0.00	147.79 9.41 0.00	146.65 9.34 0.00	158.12 10.63 0.00	175.01 13.27 0.00	205.24 16.08 -6.48	208.80 15.61 -15.88	180.83 14.16 0.00	174.67 13.38 0.00	166.23 12.03 0.00	159.84 11.28 0.00	158.53 10.65 0.00
WATERSIDE__6 8 9 23538	161.16 11.52 12.62	154.35 11.38 12.97	151.50 11.36 13.32	150.63 10.79 12.09	154.41 11.09 12.82	161.39 11.68 12.56	195.25 13.71 -3.47	172.92 14.75 23.97	166.42 16.09 24.56	159.19 16.96 40.10	152.96 13.32 17.08	150.92 12.36 5.19	154.90 12.11 1.32	155.06 11.62 -5.06	155.22 11.81 -6.10	158.61 12.54 1.42	144.09 14.07 31.73	160.18 16.26 38.75	156.07 15.60 36.84	149.64 14.17 31.20	144.28 13.71 30.72	147.90 13.26 19.55	149.64 12.33 11.24	148.28 11.83 11.43
WATKINRD_115KV_LN8_ILLION 55919	165.34 3.08 0.00	159.05 3.12 0.00	156.69 3.22 0.00	155.13 3.19 0.00	159.58 3.44 0.00	166.17 3.89 0.00	182.52 4.45 0.00	186.69 4.55 0.00	179.26 4.37 0.00	186.89 4.56 0.00	160.33 3.60 0.00	147.05 3.31 0.00	147.43 3.31 0.00	141.56 3.18 0.00	140.33 3.02 0.00	150.89 3.39 0.00	165.63 3.88 0.00	187.06 4.38 0.00	181.57 4.26 0.00	170.33 3.67 0.00	164.68 3.39 0.00	157.27 3.08 0.00	151.53 2.97 0.00	150.84 2.96 0.00
WATSON__69_KV_BK 1 55734	190.64 16.23 -12.15	180.17 15.59 -8.65	171.36 15.81 -2.08	169.78 15.65 -2.20	173.87 15.77 -1.96	187.13 17.36 -7.49	227.22 21.19 -27.96	239.36 23.13 -34.09	221.58 22.56 -24.14	213.31 22.43 -8.55	186.11 17.08 -12.31	171.15 15.96 -11.45	170.67 15.42 -11.13	164.89 14.53 -11.98	165.00 15.52 -12.17	174.38 16.08 -10.80	192.96 18.76 -12.45	219.45 23.20 -13.58	212.72 22.16 -13.25	199.23 20.50 -12.06	191.82 19.19 -11.34	184.70 18.66 -11.86	175.70 17.08 -10.06	173.11 16.12 -9.11
WDELAWARE__HYD 323627	171.83 9.57 0.00	165.13 9.20 0.00	162.83 9.36 0.00	160.75 8.81 0.00	165.04 8.90 0.00	172.50 10.23 0.00	204.05 12.28 -13.71	213.43 12.75 -18.54	202.09 12.76 -14.44	195.28 12.95 0.00	166.44 9.72 0.00	152.51 8.77 0.00	152.62 8.50 0.00	146.26 7.88 0.00	145.40 8.10 0.00	156.50 9.00 0.00	172.10 10.36 0.00	196.54 12.43 -1.44	192.89 12.06 -3.52	177.66 11.00 0.00	172.10 10.81 0.00	164.21 10.02 0.00	157.92 9.36 0.00	156.60 8.72 0.00

WEST BABYLON___IC 23714	197.27 15.90 -19.11	184.97 15.44 -13.61	172.19 15.50 -3.23	170.53 15.19 -3.40	174.63 15.46 -3.03	190.93 16.88 -11.78	234.35 20.48 -35.81	247.31 22.40 -42.77	226.28 22.04 -29.36	217.66 21.88 -13.45	192.83 16.77 -19.34	177.20 15.67 -17.79	176.58 15.13 -17.34	171.33 14.39 -18.56	171.24 15.10 -18.84	180.17 15.78 -16.89	199.61 18.28 -19.59	225.63 22.47 -20.49	217.50 21.45 -18.73	205.30 19.67 -18.96	197.66 18.55 -17.82	190.71 17.89 -18.64	180.87 16.49 -15.83	177.89 15.68 -14.34
WEST CANADA___HYD 24049	163.08 0.82 0.00	156.87 0.94 0.00	154.39 0.93 0.00	152.85 0.92 0.00	157.08 0.94 0.00	163.56 1.29 0.00	179.66 1.60 0.00	183.77 1.64 0.00	176.46 1.57 0.00	183.97 1.64 0.00	157.97 1.25 0.00	144.88 1.14 0.00	145.26 1.15 0.00	139.48 1.10 0.00	138.40 1.09 0.00	148.54 1.04 0.00	163.20 1.45 0.00	184.32 1.64 0.00	178.90 1.59 0.00	167.99 1.33 0.00	162.57 1.28 0.00	155.28 1.09 0.00	149.74 1.18 0.00	149.06 1.18 0.00
WESTERN_NY_WIND 24143	151.39 -10.87 0.00	145.48 -10.45 0.00	143.64 -9.82 0.00	142.06 -9.88 0.00	146.31 -9.84 0.00	153.35 -8.92 0.00	169.32 -10.86 -2.11	170.64 -13.84 -2.35	163.65 -13.47 -2.23	168.41 -14.95 -1.03	143.87 -12.85 0.00	131.81 -11.93 0.00	131.87 -12.25 0.00	126.06 -12.32 0.00	125.63 -11.67 0.00	135.40 -12.09 0.00	147.67 -14.07 0.00	166.46 -16.44 -0.22	161.91 -15.96 -0.55	150.86 -15.83 -0.03	146.29 -15.00 0.00	140.15 -14.03 0.01	134.74 -13.82 0.00	138.12 -9.76 0.00
WESTOVER___LESR 323668	161.13 -1.14 0.00	154.99 -0.94 0.00	152.85 -0.61 0.00	151.18 -0.76 0.00	155.67 -0.47 0.00	162.27 0.00 0.00	183.68 0.36 -5.26	188.81 -0.55 -7.22	179.73 -0.70 -5.54	182.70 0.36 0.00	155.31 -1.41 0.00	142.45 -1.29 0.00	142.67 -1.44 0.00	136.99 -1.38 0.00	136.07 -1.24 0.00	146.32 -1.18 0.00	160.77 -0.97 0.00	182.30 -0.91 -0.54	177.76 -0.89 -1.34	165.48 -1.17 0.02	160.15 -1.13 0.02	152.95 -1.23 0.00	147.07 -1.49 0.00	147.58 -0.30 0.00
WETHRSFD_WT_PWR 323626	149.27 -12.99 0.00	143.61 -12.32 0.00	141.95 -11.51 0.00	140.24 -11.70 0.00	144.75 -11.39 0.00	151.40 -10.87 0.00	168.07 -12.82 -2.83	169.43 -15.85 -3.14	162.30 -15.57 -2.98	116.98 -14.76 50.59	141.52 -15.20 0.00	130.22 -13.52 0.00	130.72 -13.40 0.00	124.96 -13.42 0.00	123.99 -13.32 0.00	134.22 -13.27 0.00	146.87 -14.88 0.00	166.13 -16.80 -0.26	161.50 -16.48 -0.68	150.44 -16.16 0.07	145.92 -15.33 0.04	139.53 -14.65 0.01	134.44 -14.12 0.00	137.52 -10.36 0.00
WHAVSTOR_138KV_BK127 55557	171.02 8.76 0.00	164.51 8.58 0.00	162.21 8.75 0.00	160.29 8.36 0.00	164.57 8.43 0.00	171.52 9.25 0.00	203.03 11.22 -13.74	212.41 12.02 -18.25	201.78 12.42 -14.48	195.28 12.95 0.00	166.28 9.56 0.00	152.51 8.77 0.00	152.62 8.50 0.00	146.54 8.16 0.00	145.68 8.38 0.00	156.35 8.85 0.00	171.77 10.03 0.00	195.81 11.69 -1.44	192.01 11.17 -3.53	176.83 10.17 0.00	171.13 9.84 0.00	163.60 9.41 0.00	157.32 8.76 0.00	156.01 8.13 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	171.02 8.76 0.00	164.51 8.58 0.00	162.21 8.75 0.00	160.29 8.36 0.00	164.57 8.43 0.00	171.52 9.25 0.00	203.03 11.22 -13.74	212.41 12.02 -18.25	201.78 12.42 -14.48	195.28 12.95 0.00	166.28 9.56 0.00	152.51 8.77 0.00	152.62 8.50 0.00	146.54 8.16 0.00	145.68 8.38 0.00	156.35 8.85 0.00	171.77 10.03 0.00	195.81 11.69 -1.44	192.01 11.17 -3.53	176.83 10.17 0.00	171.13 9.84 0.00	163.60 9.41 0.00	157.32 8.76 0.00	156.01 8.13 0.00
WHITEHAL_115KV_TB1 80871	177.51 15.25 0.00	170.43 14.50 0.00	166.66 13.20 0.00	165.61 13.67 0.00	170.51 14.37 0.00	177.85 15.58 0.00	258.33 18.87 -61.39	303.40 19.67 -101.59	258.44 18.89 -64.67	201.12 18.78 0.00	171.61 14.89 0.00	156.68 12.94 0.00	156.08 11.96 0.00	150.00 11.62 0.00	148.84 11.53 0.00	160.92 13.42 0.00	178.57 16.82 0.00	209.38 20.28 -6.43	212.92 19.86 -15.75	184.67 18.00 0.00	178.23 16.94 0.00	169.46 15.26 0.00	162.67 14.11 0.00	161.34 13.46 0.00
WHITEPLN_13_KV_LOAD 356215	173.62 11.36 0.00	167.16 11.23 0.00	164.67 11.20 0.00	162.72 10.79 0.00	167.23 11.09 0.00	174.28 12.01 0.00	206.88 14.60 -14.21	217.23 16.21 -18.89	206.30 16.44 -14.97	199.66 17.32 0.00	170.21 13.48 -0.01	156.57 12.51 -0.32	156.62 12.25 -0.26	150.44 11.62 -0.44	149.72 11.95 -0.46	160.48 12.83 -0.15	176.14 14.40 0.00	200.97 16.81 -1.49	197.09 16.14 -3.65	181.33 14.67 0.00	175.32 14.03 0.00	167.45 13.26 0.00	160.74 12.18 0.00	159.41 11.53 0.00
WM_FLOYD_69_KV_BK2 356380	186.57 15.09 -9.22	177.00 14.50 -6.56	169.75 14.73 -1.55	168.77 15.19 -1.64	172.90 15.30 -1.46	184.83 16.88 -5.68	223.38 20.66 -24.66	235.35 22.77 -30.44	218.86 22.04 -21.94	210.52 21.70 -6.49	182.05 15.99 -9.34	167.90 15.38 -8.78	167.34 14.70 -8.52	161.02 13.42 -9.22	161.64 14.97 -9.37	171.22 15.49 -8.24	189.47 18.28 -9.45	215.99 22.65 -10.67	209.88 21.63 -10.94	195.99 20.17 -9.16	188.77 18.87 -8.61	181.69 18.50 -9.00	172.98 16.79 -7.64	170.62 15.82 -6.92
WOODARD__115KV_TB2 355635	158.69 -3.57 0.00	152.66 -3.27 0.00	150.40 -3.07 0.00	148.90 -3.04 0.00	153.18 -2.97 0.00	159.68 -2.60 0.00	175.75 -2.31 0.00	179.40 -2.73 0.00	172.26 -2.62 0.00	179.42 -2.92 0.00	153.90 -2.82 0.00	141.01 -2.73 0.00	141.23 -2.88 0.00	135.61 -2.77 0.00	134.56 -2.75 0.00	144.70 -2.80 0.00	158.83 -2.91 0.00	179.57 -3.11 0.00	174.30 -3.01 0.00	163.50 -3.17 0.00	158.23 -3.06 0.00	151.11 -3.08 0.00	145.29 -3.27 0.00	145.07 -2.81 0.00
YORK___WARBASSE 23770	263.37 12.66 -88.46	259.25 12.47 -90.85	259.20 12.43 -93.31	248.50 11.85 -84.71	258.15 12.18 -89.83	263.04 12.82 -87.95	282.51 14.78 -89.67	517.42 16.03 -319.26	484.21 17.31 -292.01	529.74 18.23 -329.17	355.29 14.26 -184.31	353.06 13.22 -196.09	264.09 12.83 -107.15	264.00 12.32 -113.31	264.26 12.63 -114.32	275.00 13.42 -114.08	437.95 15.20 -261.00	513.29 17.35 -313.26	514.87 16.84 -320.72	564.21 15.50 -382.04	741.48 15.00 -565.19	373.67 14.19 -205.29	267.31 13.22 -105.53	264.18 12.87 -103.44