

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion					08/12/2025	
Generator Data																										
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	61.85	55.54	50.49	47.18	47.79	50.27	55.22	58.09	62.58	66.67	74.27	84.36	98.39	114.44	131.09	144.37	197.35	258.91	251.17	203.03	173.39	132.27	102.19	80.64	
		1.03	1.20	1.42	1.29	1.26	1.37	1.76	1.80	2.23	2.38	2.44	2.85	3.78	6.38	9.19	11.44	16.96	19.55	15.35	11.23	8.48	5.84	3.25	0.96	
		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	0.57	0.03	0.00	-9.33	-28.40	-33.60	-28.06	-14.19	-3.42	0.00	
74TH STREET_GT_1	24260	61.97	55.59	50.54	47.27	47.84	50.32	55.22	58.09	62.58	66.61	74.20	84.28	98.39	114.44	131.66	144.40	197.35	259.14	251.59	203.35	173.79	132.49	102.47	80.88	
		1.16	1.25	1.47	1.38	1.30	1.42	1.76	1.80	2.23	2.31	2.37	2.77	3.78	6.38	9.19	11.44	16.96	19.78	15.76	11.55	8.76	6.06	3.53	1.20	
		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	-9.33	-28.40	-33.61	-28.19	-14.19	-3.42	0.00	
74TH STREET_GT_2	24261	61.97	55.59	50.54	47.27	47.84	50.32	55.22	58.09	62.58	66.61	74.20	84.28	98.39	114.44	131.66	144.40	197.35	259.14	251.59	203.35	173.79	132.49	102.47	80.88	
		1.16	1.25	1.47	1.38	1.30	1.42	1.76	1.80	2.23	2.31	2.37	2.77	3.78	6.38	9.19	11.44	16.96	19.78	15.76	11.55	8.76	6.06	3.53	1.20	
		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	-9.33	-28.40	-33.61	-28.19	-14.19	-3.42	0.00	
ADK HUDSON___FALLS	24011	63.98	57.00	51.37	47.92	48.72	51.25	55.97	58.83	62.46	65.77	72.62	82.49	96.22	111.52	127.98	140.68	192.12	340.03	510.03	511.26	433.42	264.27	136.25	83.90	
		3.16	2.66	2.31	2.02	2.19	2.35	2.51	2.53	2.11	1.48	0.79	0.98	1.61	3.46	5.51	7.71	11.73	15.18	14.10	11.71	10.26	7.86	6.02	4.22	
		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	-94.82	-288.50	-341.36	-286.31	-144.17	-34.71	0.00	
ADK RESOURCE___RCVRY	23798	64.40	57.33	51.61	48.14	48.95	51.54	56.23	59.11	62.77	65.96	72.83	82.73	96.50	111.95	128.47	141.35	193.02	342.16	513.08	514.57	436.24	265.97	137.21	84.46	
		3.59	2.99	2.55	2.25	2.42	2.64	2.78	2.81	2.42	1.67	1.01	1.22	1.89	3.88	6.00	8.38	12.62	16.78	15.56	13.12	11.50	8.76	6.78	4.78	
		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	-95.35	-290.09	-343.24	-287.89	-144.97	-34.90	0.00	
ADK S GLENS___FALLS	24028	63.98	57.00	51.37	47.92	48.72	51.25	55.97	58.83	62.46	65.77	72.62	82.49	96.22	111.52	127.98	140.68	192.12	340.03	510.03	511.26	433.42	264.27	136.25	83.90	
		3.16	2.66	2.31	2.02	2.19	2.35	2.51	2.53	2.11	1.48	0.79	0.98	1.61	3.46	5.51	7.71	11.73	15.18	14.10	11.71	10.26	7.86	6.02	4.22	
		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	-94.82	-288.50	-341.36	-286.31	-144.17	-34.71	0.00	
ADK_NYS___DAM	23527	62.46	55.97	50.63	47.41	48.07	50.52	55.22	57.98	62.04	65.64	72.91	82.89	96.69	112.93	129.70	141.88	193.02	311.53	423.82	408.48	346.57	219.75	123.67	81.36	
		1.64	1.63	1.57	1.51	1.53	1.61	1.76	1.69	1.69	1.35	1.08	1.38	2.08	4.87	7.22	8.91	12.62	14.27	11.82	8.22	6.70	5.28	3.54	1.68	
		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	-67.24	-204.57	-242.06	-203.02	-102.23	-24.61	0.00	
AIR_PRODUCTS___DRP	24190	61.73	55.37	50.05	46.86	47.51	49.88	54.47	57.19	61.13	64.87	72.19	81.84	95.37	110.44	126.51	138.02	187.61	288.53	366.87	343.59	292.19	191.52	115.63	80.32	
		0.91	1.03	0.98	0.96	0.98	0.98	1.02	0.90	0.78	0.58	0.36	0.33	0.76	2.38	4.04	5.05	7.22	8.28	6.64	4.59	3.69	2.92	1.72	0.64	
		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	-50.22	-152.80	-180.80	-151.65	-76.36	-18.38	0.00	
AKWESSNE_115KV_BK	355683	60.69	55.20	49.80	46.63	47.28	49.64	54.36	57.19	61.19	65.19	72.91	82.57	94.80	106.66	119.66	129.24	175.34	224.96	202.24	153.77	133.29	110.33	95.62	79.75	
		1.09	0.87	0.74	0.73	0.74	0.73	0.91	0.90	0.84	0.90	1.08	1.06	0.19	-1.40	-2.82	-3.72	-5.05	-5.06	-5.19	-4.43	-3.56	-1.91	0.10	1.43	
		1.23	0.01	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	1.37	
ALBANY_1_SOLAR	323833	61.43	55.04	49.75	46.49	47.18	49.54	53.99	56.52	60.17	63.59	70.68	80.12	93.38	108.07	123.70	135.09	183.81	251.59	290.00	268.90	237.68	172.16	110.50	79.92	
		0.61	0.70	0.69	0.60	0.65	0.63	0.53	0.23	-0.18	-0.71	-1.15	-1.39	-1.23	0.00	1.22	2.12	3.42	4.14	3.52	2.52	2.18	1.69	0.96	0.24	
		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	-17.42	-79.05	-108.18	-98.65	-58.23	-14.02	0.00	
ALBANY_2_SOLAR	323834	61.36	55.04	49.70	46.49	47.18	49.54	53.99	56.52	60.17	63.59	70.68	80.12	93.28	108.07	123.70	135.09	183.81	251.34	289.98	268.86	237.65	172.14	110.39	79.84	
		0.55	0.70	0.64	0.60	0.65	0.63	0.53	0.23	-0.18	-0.71	-1.15	-1.39	-1.32	0.00	1.22	2.12	3.42	3.91	3.52	2.52	2.18	1.69	0.86	0.16	
		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	-17.41	-79.03	-108.14	-98.62	-58.21	-14.02	0.00	
ALBANY___1	23571	61.73	55.37	50.05	46.86	47.51	49.88	54.47	57.19	61.13	64.87	72.19	81.84	95.37	110.44	126.51	138.02	187.61	288.53	366.87	343.59	292.19	191.52	115.63	80.32	
		0.91	1.03	0.98	0.96	0.98	0.98	1.02	0.90	0.78	0.58	0.36	0.33	0.76	2.38	4.04	5.05	7.22	8.28	6.64	4.59	3.69	2.92	1.72	0.64	
		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	-50.22	-152.80	-180.80	-151.65	-76.36	-18.38	0.00	

ALBANY___2 23572	61.73 0.91 0.00	55.37 1.03 0.00	50.05 0.98 0.00	46.86 0.96 0.00	47.51 0.98 0.00	49.88 0.98 0.00	54.47 1.02 0.00	57.19 0.90 0.00	61.13 0.78 0.00	64.87 0.58 0.00	72.19 0.36 0.00	81.84 0.33 0.00	95.37 0.76 0.00	110.44 2.38 0.00	126.51 4.04 0.00	138.02 5.05 0.00	187.61 7.22 0.00	288.53 8.28 -50.22	366.87 6.64 -152.80	343.59 4.59 -180.80	292.19 3.69 -151.65	191.52 2.92 -76.36	115.63 1.72 -18.38	80.32 0.64 0.00
ALBANY___3 23573	61.73 0.91 0.00	55.37 1.03 0.00	50.05 0.98 0.00	46.86 0.96 0.00	47.51 0.98 0.00	49.88 0.98 0.00	54.47 1.02 0.00	57.19 0.90 0.00	61.13 0.78 0.00	64.87 0.58 0.00	72.19 0.36 0.00	81.84 0.33 0.00	95.37 0.76 0.00	110.44 2.38 0.00	126.51 4.04 0.00	138.02 5.05 0.00	187.61 7.22 0.00	288.53 8.28 -50.22	366.87 6.64 -152.80	343.59 4.59 -180.80	292.19 3.69 -151.65	191.52 2.92 -76.36	115.63 1.72 -18.38	80.32 0.64 0.00
ALBANY___4 23574	61.73 0.91 0.00	55.37 1.03 0.00	50.05 0.98 0.00	46.86 0.96 0.00	47.51 0.98 0.00	49.88 0.98 0.00	54.47 1.02 0.00	57.19 0.90 0.00	61.13 0.78 0.00	64.87 0.58 0.00	72.19 0.36 0.00	81.84 0.33 0.00	95.37 0.76 0.00	110.44 2.38 0.00	126.51 4.04 0.00	138.02 5.05 0.00	187.61 7.22 0.00	288.53 8.28 -50.22	366.87 6.64 -152.80	343.59 4.59 -180.80	292.19 3.69 -151.65	191.52 2.92 -76.36	115.63 1.72 -18.38	80.32 0.64 0.00
ALBANY___LFGE 323615	62.34 1.52 0.00	55.81 1.47 0.00	50.44 1.37 0.00	47.18 1.28 0.00	47.83 1.30 0.00	50.27 1.37 0.00	54.90 1.44 0.00	57.64 1.35 0.00	61.62 1.27 0.00	65.32 1.03 0.00	72.69 0.87 0.00	82.41 0.90 0.00	96.12 1.51 0.00	111.42 3.35 0.00	127.62 5.14 0.00	139.35 6.38 0.00	189.59 9.20 0.00	304.25 10.81 -63.41	409.26 8.91 -192.92	392.80 6.33 -228.27	333.64 5.33 -191.46	212.68 4.03 -96.41	121.40 2.67 -23.21	81.12 1.44 0.00
ALCOA_PA_115KV_PL-6C 55860	76.15 1.76 -13.57	55.89 1.41 -0.13	50.29 1.23 0.00	47.04 1.15 0.00	47.70 1.16 0.00	50.13 1.22 0.00	54.84 1.39 0.00	57.64 1.35 0.00	61.68 1.33 0.00	65.71 1.41 0.00	73.48 1.65 0.00	83.14 1.63 0.00	95.18 0.57 0.00	106.66 -1.40 0.00	119.17 -3.31 0.00	128.84 -4.12 0.00	174.80 -5.59 0.00	224.50 -5.52 0.00	202.03 -5.39 0.00	153.77 -4.43 0.00	133.29 -3.56 0.00	110.33 -1.91 0.00	96.09 0.57 0.00	97.10 2.23 -15.18
ALCOA_RYNLDS___DRP 24188	76.15 1.76 -13.57	55.89 1.41 -0.13	50.29 1.23 0.00	47.04 1.15 0.00	47.70 1.16 0.00	50.13 1.22 0.00	54.84 1.39 0.00	57.64 1.35 0.00	61.68 1.33 0.00	65.71 1.41 0.00	73.48 1.65 0.00	83.14 1.63 0.00	95.18 0.57 0.00	106.66 -1.40 0.00	119.17 -3.31 0.00	128.84 -4.12 0.00	174.80 -5.59 0.00	224.50 -5.52 0.00	202.03 -5.39 0.00	153.77 -4.43 0.00	133.29 -3.56 0.00	110.33 -1.91 0.00	96.09 0.57 0.00	97.10 2.23 -15.18
ALCOA___DSASP 323711	76.15 1.76 -13.57	55.88 1.41 -0.13	50.29 1.23 0.00	47.04 1.15 0.00	47.70 1.16 0.00	50.13 1.22 0.00	54.84 1.39 0.00	57.64 1.35 0.00	61.68 1.33 0.00	65.70 1.41 0.00	73.48 1.65 0.00	83.14 1.63 0.00	95.18 0.57 0.00	106.55 -1.51 0.00	119.29 -3.18 0.00	128.84 -4.12 0.00	174.80 -5.59 0.00	224.50 -5.52 0.00	202.03 -5.39 0.00	153.77 -4.43 0.00	133.29 -3.56 0.00	110.44 -1.80 0.00	96.19 0.67 0.00	97.09 2.23 -15.19
ALLEGHENY___COGEN 23514	63.74 2.92 0.00	55.70 1.36 0.00	50.19 1.13 0.00	46.54 0.64 0.00	47.04 0.51 0.00	49.83 0.93 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.01 0.67 0.00	64.93 0.64 0.00	72.83 1.01 0.00	83.05 1.54 0.00	96.40 1.79 0.00	103.21 -4.86 0.00	116.10 -6.37 0.00	126.05 -6.92 0.00	168.67 -11.72 0.00	218.76 -11.27 0.00	207.43 0.00 0.00	162.94 4.74 0.00	142.59 5.75 0.00	114.15 1.91 0.00	95.05 -0.48 0.00	84.14 4.46 0.00
ALTAMONT_115KV_TB 2 55880	61.36 0.55 0.00	55.05 0.71 0.00	49.80 0.74 0.00	46.58 0.69 0.00	47.23 0.70 0.00	49.64 0.73 0.00	54.15 0.69 0.00	56.91 0.62 0.00	60.83 0.48 0.00	64.55 0.26 0.00	71.90 0.07 0.00	81.59 0.08 0.00	94.99 0.38 0.00	109.90 1.84 0.00	125.53 3.06 0.00	136.82 3.86 0.00	186.17 5.77 0.00	278.21 6.44 -41.74	338.32 5.39 -125.50	309.65 3.80 -147.66	263.38 3.15 -123.39	176.35 2.47 -61.64	111.70 1.34 -14.84	80.08 0.40 0.00
ALTONA_WT_PWR 323606	61.25 0.43 0.00	54.61 0.27 0.00	49.21 0.15 0.00	46.31 0.41 0.00	47.04 0.51 0.00	49.20 0.30 0.00	54.04 0.59 0.00	56.91 0.62 0.00	61.01 0.67 0.00	65.07 0.77 0.00	72.76 0.93 0.00	82.32 0.82 0.00	94.42 -0.19 0.00	106.23 -1.84 0.00	119.42 -3.06 0.00	128.84 -4.12 0.00	174.80 -5.59 0.00	224.74 -5.28 0.00	202.25 -5.18 0.00	153.77 -4.43 0.00	133.43 -3.42 0.00	110.33 -1.91 0.00	95.24 -0.29 0.00	81.41 1.03 -0.70
AMERICAN_REF_FUEL 24010	61.79 0.97 0.00	53.80 -0.54 0.00	48.38 -0.69 0.00	45.12 -0.78 0.00	45.09 -1.44 0.00	47.73 -1.17 0.00	51.85 -1.60 0.00	54.66 -1.63 0.00	59.63 -0.72 0.00	64.68 0.39 0.00	73.41 1.58 0.00	84.04 2.53 0.00	97.54 2.94 0.00	110.01 1.95 0.00	122.72 0.25 0.00	133.63 0.67 0.00	176.79 -3.61 0.00	222.20 -7.82 0.00	205.56 -1.87 0.00	161.20 3.00 0.00	141.91 5.07 0.00	111.68 -0.56 0.00	93.99 -1.53 0.00	80.40 0.72 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	63.49 2.67 0.00	55.04 0.70 0.00	49.31 0.25 0.00	45.90 0.00 0.00	46.44 -0.09 0.00	48.86 -0.05 0.00	53.67 0.21 0.00	57.42 1.13 0.00	62.46 2.11 0.00	68.02 3.73 0.00	77.44 5.61 0.00	89.00 7.49 0.00	103.50 8.89 0.00	117.25 9.18 0.00	130.68 8.21 0.00	142.67 9.70 0.00	189.23 8.84 0.00	238.29 8.27 0.00	220.71 13.29 0.00	172.74 14.55 0.00	151.50 14.65 0.00	119.20 6.96 0.00	99.72 4.20 0.00	83.98 4.30 0.00
ARTHUR KILL_GT_1 23520	52.02 0.18 8.98	50.90 0.11 3.55	50.05 0.98 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.74 0.83 0.00	50.80 0.59 3.24	50.91 0.45 5.84	52.46 0.91 8.79	53.35 1.03 11.97	54.58 0.93 18.18	55.28 1.22 27.45	55.14 2.18 41.64	65.33 4.54 47.27	98.55 7.10 31.03	98.59 9.31 43.68	145.70 14.07 48.76	204.35 16.33 42.01	197.43 12.65 22.65	133.88 9.18 33.49	82.50 6.84 61.19	57.65 4.60 59.19	54.44 2.20 43.28	52.02 -0.16 27.50
ARTHUR_KILL_2 23512	51.77 -0.06 8.98	50.73 -0.05 3.56	49.85 0.78 0.00	47.14 1.24 0.00	47.65 1.11 0.00	49.59 0.68 0.00	50.58 0.38 3.25	50.73 0.28 5.85	52.22 0.67 8.80	53.02 0.71 11.98	54.21 0.57 18.19	54.95 0.90 27.46	54.67 1.70 41.64	64.90 4.11 47.27	97.81 6.36 31.03	97.92 8.64 43.68	144.63 13.00 48.76	202.96 14.94 42.01	196.18 11.40 22.65	132.77 8.06 33.49	81.67 6.01 61.19	56.97 3.93 59.19	53.96 1.72 43.28	51.70 -0.48 27.50
ARTHUR_KILL_3 23513	52.01 0.18 8.99	51.21 0.43 3.56	49.84 0.78 0.01	46.67 0.78 0.01	47.22 0.70 0.01	49.68 0.78 0.01	51.21 1.01 3.26	51.40 0.96 5.85	52.75 1.21 8.81	53.52 1.22 11.99	54.64 1.01 18.19	55.34 1.30 27.47	55.04 2.08 41.65	65.22 4.43 47.28	97.60 6.85 31.73	98.31 9.05 43.71	145.16 13.54 48.77	203.66 15.65 42.02	196.59 11.82 22.66	133.08 8.38 33.50	81.67 6.16 61.34	57.19 4.16 59.20	54.14 1.91 43.29	52.09 -0.08 27.51

ARTHUR_KILL_COGEN 323718	52.02 0.18 8.98	50.89 0.11 3.56	49.99 0.93 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.74 0.83 0.00	50.79 0.59 3.25	50.90 0.45 5.85	52.40 0.84 8.80	53.28 0.97 11.98	54.51 0.87 18.19	55.27 1.22 27.46	55.05 2.08 41.64	65.33 4.54 47.27	98.42 6.98 31.03	98.59 9.30 43.68	145.52 13.89 48.76	204.35 16.33 42.01	197.43 12.65 22.65	133.72 9.01 33.49	82.50 6.84 61.19	57.54 4.49 59.19	54.44 2.20 43.28	52.02 -0.16 27.50
ASHOKAN____ 23654	62.34 1.52 0.00	55.75 1.41 0.00	50.39 1.33 0.00	46.95 1.06 0.00	47.60 1.07 0.00	50.08 1.17 0.00	54.74 1.28 0.00	57.25 0.96 0.00	60.83 0.48 0.00	64.23 -0.06 0.00	71.18 -0.65 0.00	80.77 -0.74 0.00	94.70 0.09 0.00	109.69 1.62 0.00	126.51 4.04 0.00	138.81 5.84 0.00	189.95 9.55 0.00	249.81 10.36 -9.42	268.26 7.88 -52.96	239.24 4.74 -76.30	211.92 3.70 -71.38	158.74 2.58 -43.92	106.86 0.76 -10.57	80.95 1.27 0.00
ASTORIA_EAST_ENERGY_CC1 323581	61.25 0.43 -0.01	54.95 0.60 -0.01	50.25 1.18 -0.01	47.24 1.33 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.35 0.91 0.01	57.24 0.96 0.01	61.73 1.39 0.01	65.57 1.29 0.01	72.97 1.15 0.01	82.89 1.38 0.01	96.78 2.18 0.01	112.70 4.64 0.01	129.95 7.10 -0.38	142.11 9.17 0.02	194.29 13.89 -0.01	255.23 15.86 -9.34	248.07 12.24 -28.41	202.16 8.54 -35.42	172.76 6.43 -29.48	131.43 4.26 -14.92	100.96 2.01 -3.43	79.67 0.00 0.01
ASTORIA_EAST_ENERGY_CC2 323582	61.25 0.43 -0.01	54.95 0.60 -0.01	50.25 1.18 -0.01	47.24 1.33 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.35 0.91 0.01	57.24 0.96 0.01	61.73 1.39 0.01	65.57 1.29 0.01	72.97 1.15 0.01	82.89 1.38 0.01	96.78 2.18 0.01	112.70 4.64 0.01	129.95 7.10 -0.38	142.11 9.17 0.02	194.29 13.89 -0.01	255.23 15.86 -9.34	248.07 12.24 -28.41	202.16 8.54 -35.42	172.76 6.43 -29.48	131.43 4.26 -14.92	100.96 2.01 -3.43	79.67 0.00 0.01
ASTORIA_GT2_1 24094	61.26 0.43 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.42 0.96 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.71 1.41 0.00	73.05 1.22 0.00	82.98 1.47 0.00	96.87 2.27 0.01	112.71 4.65 0.01	130.08 7.23 -0.38	142.25 9.31 0.02	194.47 14.07 -0.01	255.24 15.87 -9.34	248.28 12.45 -28.41	202.48 8.86 -35.42	172.89 6.57 -29.48	131.54 4.38 -14.92	100.95 2.01 -3.43	79.67 0.00 0.01
ASTORIA_GT2_2 24095	61.26 0.43 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.42 0.96 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.71 1.41 0.00	73.05 1.22 0.00	82.98 1.47 0.00	96.87 2.27 0.01	112.71 4.65 0.01	130.08 7.23 -0.38	142.25 9.31 0.02	194.47 14.07 -0.01	255.24 15.87 -9.34	248.28 12.45 -28.41	202.48 8.86 -35.42	172.89 6.57 -29.48	131.54 4.38 -14.92	100.95 2.01 -3.43	79.67 0.00 0.01
ASTORIA_GT2_3 24096	61.26 0.43 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.42 0.96 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.71 1.41 0.00	73.05 1.22 0.00	82.98 1.47 0.00	96.87 2.27 0.01	112.71 4.65 0.01	130.08 7.23 -0.38	142.25 9.31 0.02	194.47 14.07 -0.01	255.24 15.87 -9.34	248.28 12.45 -28.41	202.48 8.86 -35.42	172.89 6.57 -29.48	131.54 4.38 -14.92	100.95 2.01 -3.43	79.67 0.00 0.01
ASTORIA_GT2_4 24097	61.26 0.43 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.42 0.96 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.71 1.41 0.00	73.05 1.22 0.00	82.98 1.47 0.00	96.87 2.27 0.01	112.71 4.65 0.01	130.08 7.23 -0.38	142.25 9.31 0.02	194.47 14.07 -0.01	255.24 15.87 -9.34	248.28 12.45 -28.41	202.48 8.86 -35.42	172.89 6.57 -29.48	131.54 4.38 -14.92	100.95 2.01 -3.43	79.67 0.00 0.01
ASTORIA_GT3_1 24098	61.26 0.43 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.42 0.96 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.71 1.41 0.00	73.05 1.22 0.00	82.98 1.47 0.00	96.87 2.27 0.01	112.71 4.65 0.01	130.08 7.23 -0.38	142.25 9.31 0.02	194.47 14.07 -0.01	255.24 15.87 -9.34	248.28 12.45 -28.41	202.48 8.86 -35.42	172.89 6.57 -29.48	131.54 4.38 -14.92	100.95 2.01 -3.43	79.67 0.00 0.01
ASTORIA_GT3_2 24099	61.26 0.43 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.42 0.96 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.71 1.41 0.00	73.05 1.22 0.00	82.98 1.47 0.00	96.87 2.27 0.01	112.71 4.65 0.01	130.08 7.23 -0.38	142.25 9.31 0.02	194.47 14.07 -0.01	255.24 15.87 -9.34	248.28 12.45 -28.41	202.48 8.86 -35.42	172.89 6.57 -29.48	131.54 4.38 -14.92	100.95 2.01 -3.43	79.67 0.00 0.01
ASTORIA_GT3_3 24100	61.26 0.43 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.42 0.96 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.71 1.41 0.00	73.05 1.22 0.00	82.98 1.47 0.00	96.87 2.27 0.01	112.71 4.65 0.01	130.08 7.23 -0.38	142.25 9.31 0.02	194.47 14.07 -0.01	255.24 15.87 -9.34	248.28 12.45 -28.41	202.48 8.86 -35.42	172.89 6.57 -29.48	131.54 4.38 -14.92	100.95 2.01 -3.43	79.67 0.00 0.01
ASTORIA_GT3_4 24101	61.26 0.43 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.42 0.96 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.71 1.41 0.00	73.05 1.22 0.00	82.98 1.47 0.00	96.87 2.27 0.01	112.71 4.65 0.01	130.08 7.23 -0.38	142.25 9.31 0.02	194.47 14.07 -0.01	255.24 15.87 -9.34	248.28 12.45 -28.41	202.48 8.86 -35.42	172.89 6.57 -29.48	131.54 4.38 -14.92	100.95 2.01 -3.43	79.67 0.00 0.01
ASTORIA_GT4_1 24102	61.26 0.43 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.42 0.96 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.71 1.41 0.00	73.05 1.22 0.00	82.98 1.47 0.00	96.87 2.27 0.01	112.71 4.65 0.01	130.08 7.23 -0.38	142.25 9.31 0.02	194.47 14.07 -0.01	255.24 15.87 -9.34	248.28 12.45 -28.41	202.48 8.86 -35.42	172.89 6.57 -29.48	131.54 4.38 -14.92	100.95 2.01 -3.43	79.67 0.00 0.01
ASTORIA_GT4_2 24103	61.26 0.43 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.42 0.96 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.71 1.41 0.00	73.05 1.22 0.00	82.98 1.47 0.00	96.87 2.27 0.01	112.71 4.65 0.01	130.08 7.23 -0.38	142.25 9.31 0.02	194.47 14.07 -0.01	255.24 15.87 -9.34	248.28 12.45 -28.41	202.48 8.86 -35.42	172.89 6.57 -29.48	131.54 4.38 -14.92	100.95 2.01 -3.43	79.67 0.00 0.01
ASTORIA_GT4_3 24104	61.26 0.43 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.42 0.96 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.71 1.41 0.00	73.05 1.22 0.00	82.98 1.47 0.00	96.87 2.27 0.01	112.71 4.65 0.01	130.08 7.23 -0.38	142.25 9.31 0.02	194.47 14.07 -0.01	255.24 15.87 -9.34	248.28 12.45 -28.41	202.48 8.86 -35.42	172.89 6.57 -29.48	131.54 4.38 -14.92	100.95 2.01 -3.43	79.67 0.00 0.01

ASTORIA_GT4_4 24105	61.26 0.43 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.42 0.96 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.71 1.41 0.00	73.05 1.22 0.00	82.98 1.47 0.00	96.87 2.27 0.01	112.71 4.65 0.01	130.08 7.23 -0.38	142.25 9.31 0.02	194.47 14.07 -0.01	255.24 15.87 -9.34	248.28 12.45 -28.41	202.48 8.86 -35.42	172.89 6.57 -29.48	131.54 4.38 -14.92	100.95 2.01 -3.43	79.67 0.00 0.01
ASTORIA_GT_1 23523	61.38 0.55 -0.02	55.12 0.76 -0.02	50.40 1.32 -0.01	47.37 1.47 -0.01	47.84 1.30 0.00	49.88 0.98 0.00	54.52 1.07 0.00	57.42 1.13 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.22 1.71 0.00	97.15 2.55 0.01	113.14 5.08 0.01	130.45 7.59 -0.38	142.78 9.84 0.02	195.19 14.79 -0.01	256.16 16.79 -9.34	249.11 13.28 -28.41	202.95 9.33 -35.42	173.30 6.98 -29.48	131.88 4.71 -14.92	101.24 2.29 -3.43	79.91 0.24 0.01
ASTORIA_GT_10 24110	61.06 0.24 0.00	54.77 0.43 0.00	50.14 1.08 0.00	47.09 1.19 0.00	47.65 1.12 0.00	49.83 0.93 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.56 1.21 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.81 1.30 0.00	65.27 2.08 31.42	73.20 4.43 39.29	108.40 6.98 21.06	123.89 9.04 18.12	176.59 13.71 17.52	235.02 15.41 10.41	211.11 11.82 8.14	143.82 8.54 22.93	88.67 6.29 54.48	65.25 4.15 51.15	61.70 1.91 35.73	60.37 -0.08 19.23
ASTORIA_GT_11 24225	61.06 0.24 0.00	54.77 0.43 0.00	50.14 1.08 0.00	47.09 1.19 0.00	47.65 1.12 0.00	49.83 0.93 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.56 1.21 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.81 1.30 0.00	65.27 2.08 31.42	73.20 4.43 39.29	108.40 6.98 21.06	123.89 9.04 18.12	176.59 13.71 17.52	235.02 15.41 10.41	211.11 11.82 8.14	143.82 8.54 22.93	88.67 6.29 54.48	65.25 4.15 51.15	61.70 1.91 35.73	60.37 -0.08 19.23
ASTORIA_GT_12 24226	61.06 0.24 0.00	54.77 0.43 0.00	50.14 1.08 0.00	47.09 1.19 0.00	47.65 1.12 0.00	49.83 0.93 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.56 1.21 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.81 1.30 0.00	65.27 2.08 31.42	73.20 4.43 39.29	108.40 6.98 21.06	123.89 9.04 18.12	176.59 13.71 17.52	235.02 15.41 10.41	211.11 11.82 8.14	143.82 8.54 22.93	88.67 6.29 54.48	65.25 4.15 51.15	61.70 1.91 35.73	60.37 -0.08 19.23
ASTORIA_GT_13 24227	61.06 0.24 0.00	54.77 0.43 0.00	50.14 1.08 0.00	47.09 1.19 0.00	47.65 1.12 0.00	49.83 0.93 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.56 1.21 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.81 1.30 0.00	65.27 2.08 31.42	73.20 4.43 39.29	108.40 6.98 21.06	123.89 9.04 18.12	176.59 13.71 17.52	235.02 15.41 10.41	211.11 11.82 8.14	143.82 8.54 22.93	88.67 6.29 54.48	65.25 4.15 51.15	61.70 1.91 35.73	60.37 -0.08 19.23
ASTORIA_GT_5 24106	61.38 0.55 -0.02	55.12 0.76 -0.02	50.40 1.32 -0.01	47.37 1.47 -0.01	47.84 1.30 0.00	49.88 0.98 0.00	54.52 1.07 0.00	57.42 1.13 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.22 1.71 0.00	97.15 2.55 0.01	113.14 5.08 0.01	130.45 7.59 -0.38	142.78 9.84 0.02	195.19 14.79 -0.01	256.16 16.79 -9.34	249.11 13.28 -28.41	202.95 9.33 -35.42	173.30 6.98 -29.48	131.88 4.71 -14.92	101.24 2.29 -3.43	79.91 0.24 0.01
ASTORIA_GT_7 24107	61.38 0.55 -0.02	55.12 0.76 -0.02	50.40 1.32 -0.01	47.37 1.47 -0.01	47.84 1.30 0.00	49.88 0.98 0.00	54.52 1.07 0.00	57.42 1.13 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.22 1.71 0.00	97.15 2.55 0.01	113.14 5.08 0.01	130.45 7.59 -0.38	142.78 9.84 0.02	195.19 14.79 -0.01	256.16 16.79 -9.34	249.11 13.28 -28.41	202.95 9.33 -35.42	173.30 6.98 -29.48	131.88 4.71 -14.92	101.24 2.29 -3.43	79.91 0.24 0.01
ASTORIA_GT_8 24108	61.38 0.55 -0.02	55.12 0.76 -0.02	50.40 1.32 -0.01	47.37 1.47 -0.01	47.84 1.30 0.00	49.88 0.98 0.00	54.52 1.07 0.00	57.42 1.13 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.22 1.71 0.00	97.15 2.55 0.01	113.14 5.08 0.01	130.45 7.59 -0.38	142.78 9.84 0.02	195.19 14.79 -0.01	256.16 16.79 -9.34	249.11 13.28 -28.41	202.95 9.33 -35.42	173.30 6.98 -29.48	131.88 4.71 -14.92	101.24 2.29 -3.43	79.91 0.24 0.01
ASTORIA___2 24149	61.25 0.43 -0.01	55.00 0.65 -0.01	50.25 1.18 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.79 0.88 0.00	54.41 0.96 0.01	57.24 0.96 0.01	61.73 1.39 0.01	65.64 1.35 0.01	72.97 1.15 0.01	82.97 1.47 0.01	96.87 2.27 0.01	112.70 4.64 0.01	129.95 7.10 -0.38	142.25 9.30 0.02	194.29 13.89 -0.01	255.23 15.86 -9.34	248.28 12.44 -28.41	202.16 8.54 -35.42	172.89 6.57 -29.48	131.53 4.37 -14.92	100.96 2.01 -3.43	79.67 0.00 0.01
ASTORIA___3 23516	61.05 0.24 0.01	54.76 0.43 0.01	50.10 1.03 0.00	47.09 1.19 0.00	47.65 1.11 0.00	49.83 0.93 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.55 1.21 0.01	65.50 1.22 0.01	72.83 1.01 0.01	82.80 1.30 0.01	65.27 2.08 31.42	73.20 4.43 39.29	108.27 6.85 21.06	123.89 9.05 18.12	176.41 13.54 17.52	235.03 15.41 10.41	211.11 11.82 8.14	143.65 8.38 22.93	88.67 6.30 54.48	65.25 4.16 51.15	61.70 1.91 35.73	60.37 -0.08 19.23
ASTORIA___4 23517	61.06 0.24 0.00	54.77 0.43 0.00	50.14 1.08 0.00	47.09 1.19 0.00	47.65 1.12 0.00	49.83 0.93 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.56 1.21 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.81 1.30 0.00	65.27 2.08 31.42	73.20 4.43 39.29	108.40 6.98 21.06	123.89 9.04 18.12	176.59 13.71 17.52	235.02 15.41 10.41	211.11 11.82 8.14	143.82 8.54 22.93	88.67 6.29 54.48	65.25 4.15 51.15	61.70 1.91 35.73	60.37 -0.08 19.23
ASTORIA___5 23518	61.05 0.24 0.01	54.76 0.43 0.01	50.10 1.03 0.00	47.09 1.19 0.00	47.65 1.11 0.00	49.83 0.93 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.55 1.21 0.01	65.50 1.22 0.01	72.83 1.01 0.01	82.80 1.30 0.01	65.27 2.08 31.42	73.20 4.43 39.29	108.27 6.85 21.06	123.89 9.05 18.12	176.41 13.54 17.52	235.03 15.41 10.41	211.11 11.82 8.14	143.65 8.38 22.93	88.67 6.30 54.48	65.25 4.16 51.15	61.70 1.91 35.73	60.37 -0.08 19.23
AST_ENERGY_2_CC3 323677	40.44 0.48 20.86	39.42 0.70 15.62	39.42 0.98 10.63	39.42 0.92 7.39	39.42 0.88 7.99	39.42 0.93 10.41	39.42 1.23 15.27	39.42 1.18 18.06	40.89 1.51 20.97	43.97 1.54 21.86	51.52 1.44 21.75	60.83 1.71 22.39	47.50 2.56 49.66	57.64 4.97 55.40	90.14 7.47 39.80	101.92 9.70 40.75	137.71 14.44 57.12	195.97 16.78 50.84	189.14 12.87 31.15	125.63 9.33 41.90	74.22 6.98 69.61	49.62 4.71 67.33	46.59 2.39 51.32	44.56 0.32 35.44
AST_ENERGY_2_CC4 323678	40.44 0.48 20.86	39.42 0.70 15.62	39.42 0.98 10.63	39.42 0.92 7.39	39.42 0.88 7.99	39.42 0.93 10.41	39.42 1.23 15.27	39.42 1.18 18.06	40.89 1.51 20.97	43.97 1.54 21.86	51.52 1.44 21.75	60.83 1.71 22.39	47.50 2.56 49.66	57.64 4.97 55.40	90.14 7.47 39.80	101.92 9.70 40.75	137.71 14.44 57.12	195.97 16.78 50.84	189.14 12.87 31.15	125.63 9.33 41.90	74.22 6.98 69.61	49.62 4.71 67.33	46.59 2.39 51.32	44.56 0.32 35.44

ATHENS_STG_1 23668	60.88 0.06 0.00	54.77 0.43 0.00	49.55 0.49 0.00	46.40 0.51 0.00	47.04 0.51 0.00	49.39 0.49 0.00	53.88 0.43 0.00	56.69 0.40 0.00	60.71 0.36 0.00	64.55 0.26 0.00	71.83 0.00 0.00	81.51 0.00 0.00	95.08 0.48 0.00	110.11 2.05 0.00	125.90 3.42 0.00	137.35 4.38 0.00	186.88 6.48 0.00	244.39 7.14 -7.22	234.78 5.38 -21.97	187.99 3.79 -26.00	161.53 2.88 -21.81	125.46 2.24 -10.98	99.02 0.86 -2.64	79.44 -0.24 0.00
ATHENS_STG_2 23670	60.88 0.06 0.00	54.77 0.43 0.00	49.55 0.49 0.00	46.40 0.51 0.00	47.04 0.51 0.00	49.39 0.49 0.00	53.88 0.43 0.00	56.69 0.40 0.00	60.71 0.36 0.00	64.55 0.26 0.00	71.83 0.00 0.00	81.51 0.00 0.00	95.08 0.48 0.00	110.11 2.05 0.00	125.90 3.42 0.00	137.35 4.38 0.00	186.88 6.48 0.00	244.39 7.14 -7.22	234.78 5.38 -21.97	187.99 3.79 -26.00	161.53 2.88 -21.81	125.46 2.24 -10.98	99.02 0.86 -2.64	79.44 -0.24 0.00
ATHENS_STG_3 23677	60.88 0.06 0.00	54.77 0.43 0.00	49.55 0.49 0.00	46.40 0.51 0.00	47.04 0.51 0.00	49.39 0.49 0.00	53.88 0.43 0.00	56.69 0.40 0.00	60.71 0.36 0.00	64.55 0.26 0.00	71.83 0.00 0.00	81.51 0.00 0.00	95.08 0.48 0.00	110.11 2.05 0.00	125.90 3.42 0.00	137.35 4.38 0.00	186.88 6.48 0.00	244.39 7.14 -7.22	234.78 5.38 -21.97	187.99 3.79 -26.00	161.53 2.88 -21.81	125.46 2.24 -10.98	99.02 0.86 -2.64	79.44 -0.24 0.00
AUBURN___LFGE 323710	61.61 0.79 0.00	54.61 0.27 0.00	49.21 0.15 0.00	45.90 0.00 0.00	46.53 0.00 0.00	49.00 0.10 0.00	53.67 0.21 0.00	56.63 0.34 0.00	60.83 0.48 0.00	65.06 0.77 0.00	73.05 1.22 0.00	83.14 1.63 0.00	96.50 1.89 0.00	110.44 2.38 0.00	125.17 2.69 0.00	136.29 3.32 0.00	184.36 3.97 0.00	235.55 5.52 0.00	214.89 7.47 0.00	165.32 7.12 0.00	143.55 6.71 0.00	115.50 3.25 0.00	97.34 1.81 0.00	81.11 1.43 0.00
BABYLON_RES_REC 323704	62.52 1.70 0.00	55.43 1.09 0.00	49.99 0.93 0.00	46.45 0.55 0.00	47.04 0.51 0.00	49.64 0.73 0.00	54.69 1.23 0.00	56.74 0.45 0.00	61.31 0.96 0.00	65.07 0.77 0.00	59.47 -0.29 12.07	63.65 -0.32 17.53	85.67 -0.09 8.85	107.98 2.16 2.24	125.64 4.77 1.60	141.74 8.77 0.00	194.47 14.08 0.00	253.63 14.27 -9.34	246.82 10.99 -28.41	195.22 7.44 -29.58	166.53 4.51 -25.17	127.03 2.24 -12.54	79.52 -0.19 15.81	65.06 -1.43 13.18
BALL_HILL_WT_PWR 323825	63.25 2.44 0.00	54.99 0.65 0.00	49.36 0.30 0.00	45.94 0.05 0.00	46.44 -0.09 0.00	48.81 -0.10 0.00	53.40 -0.05 0.00	56.69 0.40 0.00	61.74 1.39 0.00	66.99 2.70 0.00	76.07 4.24 0.00	87.30 5.79 0.00	101.51 6.90 0.00	114.77 6.70 0.00	128.11 5.64 0.00	139.74 6.78 0.00	185.44 5.04 0.00	233.48 3.46 0.00	215.93 8.51 0.00	168.96 10.76 0.00	148.34 11.50 0.00	116.84 4.60 0.00	98.00 2.48 0.00	82.95 3.27 0.00
BARON_WINDS___WT_PWR 323822	62.34 1.52 0.00	54.67 0.33 0.00	49.21 0.15 0.00	45.85 -0.05 0.00	46.44 -0.09 0.00	48.91 0.00 0.00	53.56 0.11 0.00	56.41 0.11 0.00	60.78 0.43 0.00	65.38 1.09 0.00	73.91 2.08 0.00	84.61 3.10 0.00	98.20 3.59 0.00	111.52 3.46 0.00	125.29 2.82 0.00	136.56 3.59 0.00	182.73 2.34 0.00	234.64 2.07 -2.55	222.03 6.83 -7.77	176.40 9.01 -9.19	153.99 9.44 -7.71	120.16 4.03 -3.88	98.47 2.01 -0.93	82.15 2.47 0.00
BARRETT_IC_1 23704	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	110.48 2.92 0.51	131.83 5.38 -3.98	142.01 9.05 0.00	194.47 14.08 0.00	254.30 14.94 -9.34	247.23 11.40 -28.41	209.47 7.59 -43.68	177.38 4.79 -35.74	133.45 2.91 -18.30	98.74 0.58 -2.64	89.91 -0.64 -10.87
BARRETT_IC_10 23701	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	108.26 2.92 2.72	80.97 5.38 46.89	142.00 9.05 0.02	194.47 14.08 0.00	254.30 14.94 -9.34	247.22 11.40 -28.39	80.97 7.59 84.82	80.97 4.79 60.66	80.97 2.91 34.18	98.74 0.58 -2.64	89.91 -0.64 -10.87
BARRETT_IC_11 23702	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	108.26 2.92 2.72	80.97 5.38 46.89	142.00 9.05 0.02	194.47 14.08 0.00	254.30 14.94 -9.34	247.22 11.40 -28.39	80.97 7.59 84.82	80.97 4.79 60.66	80.97 2.91 34.18	98.74 0.58 -2.64	89.91 -0.64 -10.87
BARRETT_IC_12 23703	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	108.26 2.92 2.72	80.97 5.38 46.89	142.00 9.05 0.02	194.47 14.08 0.00	254.30 14.94 -9.34	247.22 11.40 -28.39	80.97 7.59 84.82	80.97 4.79 60.66	80.97 2.91 34.18	98.74 0.58 -2.64	89.91 -0.64 -10.87
BARRETT_IC_2 23705	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	110.48 2.92 0.51	131.83 5.38 -3.98	142.01 9.05 0.00	194.47 14.08 0.00	254.30 14.94 -9.34	247.23 11.40 -28.41	209.47 7.59 -43.68	177.38 4.79 -35.74	133.45 2.91 -18.30	98.74 0.58 -2.64	89.91 -0.64 -10.87
BARRETT_IC_3 23706	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	110.48 2.92 0.51	131.83 5.38 -3.98	142.01 9.05 0.00	194.47 14.08 0.00	254.30 14.94 -9.34	247.23 11.40 -28.41	209.47 7.59 -43.68	177.38 4.79 -35.74	133.45 2.91 -18.30	98.74 0.58 -2.64	89.91 -0.64 -10.87
BARRETT_IC_4 23707	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	110.48 2.92 0.51	131.83 5.38 -3.98	142.01 9.05 0.00	194.47 14.08 0.00	254.30 14.94 -9.34	247.23 11.40 -28.41	209.47 7.59 -43.68	177.38 4.79 -35.74	133.45 2.91 -18.30	98.74 0.58 -2.64	89.91 -0.64 -10.87
BARRETT_IC_5 23708	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	110.48 2.92 0.51	131.83 5.38 -3.98	142.01 9.05 0.00	194.47 14.08 0.00	254.30 14.94 -9.34	247.23 11.40 -28.41	209.47 7.59 -43.68	177.38 4.79 -35.74	133.45 2.91 -18.30	98.74 0.58 -2.64	89.91 -0.64 -10.87

BARRETT_IC_6 23709	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	110.48 2.92 0.51	131.83 5.38 -3.98	142.01 9.05 0.00	194.47 14.08 0.00	254.30 14.94 -9.34	247.23 11.40 -28.41	209.47 7.59 -43.68	177.38 4.79 -35.74	133.45 2.91 -18.30	98.74 0.58 -2.64	89.91 -0.64 -10.87
BARRETT_IC_7 23710	62.09 1.28 0.00	55.15 0.82 0.00	49.85 0.79 0.00	46.45 0.55 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.86 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.87 0.58 0.00	71.34 0.00 0.49	80.96 0.24 0.79	95.06 0.85 0.40	110.48 2.92 0.51	131.96 5.51 -3.98	142.01 9.04 0.00	195.19 14.79 0.00	254.31 14.95 -9.34	247.24 11.41 -28.41	210.10 8.23 -43.68	177.38 4.79 -35.74	133.46 2.92 -18.30	98.54 0.38 -2.64	89.92 -0.64 -10.87
BARRETT_IC_8 23711	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	110.48 2.92 0.51	131.83 5.38 -3.98	142.01 9.05 0.00	194.47 14.08 0.00	254.30 14.94 -9.34	247.23 11.40 -28.41	209.47 7.59 -43.68	177.38 4.79 -35.74	133.45 2.91 -18.30	98.74 0.58 -2.64	89.91 -0.64 -10.87
BARRETT_IC_9 23700	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	108.26 2.92 2.72	80.97 5.38 46.89	142.00 9.05 0.02	194.47 14.08 0.00	254.30 14.94 -9.34	247.22 11.40 -28.39	80.97 7.59 84.82	80.97 4.79 60.66	80.97 2.91 34.18	98.74 0.58 -2.64	89.91 -0.64 -10.87
BARRETT___1 23545	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	110.53 2.92 0.45	131.83 5.38 -3.98	142.01 9.05 0.00	194.47 14.08 0.00	254.30 14.94 -9.34	247.23 11.40 -28.41	209.47 7.59 -43.68	177.38 4.79 -35.74	133.45 2.91 -18.30	98.74 0.58 -2.64	89.91 -0.64 -10.87
BARRETT___2 23546	62.10 1.28 0.00	55.16 0.82 0.00	49.80 0.74 0.00	46.40 0.51 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.31 0.85 0.00	56.46 0.17 0.00	60.89 0.54 0.00	64.61 0.32 0.00	71.41 0.07 0.49	80.97 0.25 0.79	95.06 0.85 0.40	108.26 2.92 2.72	80.97 5.38 46.89	142.00 9.05 0.02	194.47 14.08 0.00	254.30 14.94 -9.34	247.22 11.40 -28.39	80.97 7.59 84.82	80.97 4.79 60.66	80.97 2.91 34.18	98.74 0.58 -2.64	89.91 -0.64 -10.87
BATAVIA___115KV_TB1 55881	63.98 3.16 0.00	55.81 1.47 0.00	50.14 1.08 0.00	46.58 0.69 0.00	47.04 0.51 0.00	49.54 0.64 0.00	53.94 0.48 0.00	57.19 0.90 0.00	62.04 1.69 0.00	67.18 2.89 0.00	76.07 4.24 0.00	85.99 4.48 0.00	100.29 5.68 0.00	112.93 4.86 0.00	127.13 4.65 0.00	137.75 4.79 0.00	183.46 3.07 0.00	233.71 3.68 0.00	216.35 8.92 0.00	168.64 10.44 0.00	148.20 11.36 0.00	116.73 4.49 0.00	97.53 2.01 0.00	83.58 3.90 0.00
BAYONEEC___CTG1 323682	61.36 0.55 0.00	55.10 0.76 0.00	50.14 1.08 0.00	46.90 1.01 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.30 1.79 0.00	65.84 2.65 31.41	73.86 5.08 39.29	113.88 7.60 16.19	124.79 9.70 17.88	177.49 14.61 17.51	256.14 16.78 -9.33	212.37 13.08 8.13	144.61 9.33 22.92	90.44 6.98 53.39	65.84 4.71 51.11	62.81 2.39 35.10	60.78 0.32 19.22
BAYONEEC___CTG10 323750	61.36 0.55 0.00	55.10 0.76 0.00	50.14 1.08 0.00	46.90 1.01 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.30 1.79 0.00	65.84 2.65 31.41	73.86 5.08 39.29	113.88 7.60 16.19	124.79 9.70 17.88	177.49 14.61 17.51	256.14 16.78 -9.33	212.37 13.08 8.13	144.61 9.33 22.92	90.44 6.98 53.39	65.84 4.71 51.11	62.81 2.39 35.10	60.78 0.32 19.22
BAYONEEC___CTG2 323683	61.36 0.55 0.00	55.10 0.76 0.00	50.14 1.08 0.00	46.90 1.01 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.30 1.79 0.00	65.84 2.65 31.41	73.86 5.08 39.29	113.88 7.60 16.19	124.79 9.70 17.88	177.49 14.61 17.51	256.14 16.78 -9.33	212.37 13.08 8.13	144.61 9.33 22.92	90.44 6.98 53.39	65.84 4.71 51.11	62.81 2.39 35.10	60.78 0.32 19.22
BAYONEEC___CTG3 323684	61.36 0.55 0.00	55.10 0.76 0.00	50.14 1.08 0.00	46.90 1.01 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.30 1.79 0.00	65.84 2.65 31.41	73.86 5.08 39.29	113.88 7.60 16.19	124.79 9.70 17.88	177.49 14.61 17.51	256.14 16.78 -9.33	212.37 13.08 8.13	144.61 9.33 22.92	90.44 6.98 53.39	65.84 4.71 51.11	62.81 2.39 35.10	60.78 0.32 19.22
BAYONEEC___CTG4 323685	61.36 0.55 0.00	55.10 0.76 0.00	50.14 1.08 0.00	46.90 1.01 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.30 1.79 0.00	65.84 2.65 31.41	73.86 5.08 39.29	113.88 7.60 16.19	124.79 9.70 17.88	177.49 14.61 17.51	256.14 16.78 -9.33	212.37 13.08 8.13	144.61 9.33 22.92	90.44 6.98 53.39	65.84 4.71 51.11	62.81 2.39 35.10	60.78 0.32 19.22
BAYONEEC___CTG5 323686	61.36 0.55 0.00	55.10 0.76 0.00	50.14 1.08 0.00	46.90 1.01 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.30 1.79 0.00	65.84 2.65 31.41	73.86 5.08 39.29	113.88 7.60 16.19	124.79 9.70 17.88	177.49 14.61 17.51	256.14 16.78 -9.33	212.37 13.08 8.13	144.61 9.33 22.92	90.44 6.98 53.39	65.84 4.71 51.11	62.81 2.39 35.10	60.78 0.32 19.22
BAYONEEC___CTG6 323687	61.36 0.55 0.00	55.10 0.76 0.00	50.14 1.08 0.00	46.90 1.01 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.30 1.79 0.00	65.84 2.65 31.41	73.86 5.08 39.29	113.88 7.60 16.19	124.79 9.70 17.88	177.49 14.61 17.51	256.14 16.78 -9.33	212.37 13.08 8.13	144.61 9.33 22.92	90.44 6.98 53.39	65.84 4.71 51.11	62.81 2.39 35.10	60.78 0.32 19.22
BAYONEEC___CTG7 323688	61.36 0.55 0.00	55.10 0.76 0.00	50.14 1.08 0.00	46.90 1.01 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.30 1.79 0.00	65.84 2.65 31.41	73.86 5.08 39.29	113.88 7.60 16.19	124.79 9.70 17.88	177.49 14.61 17.51	256.14 16.78 -9.33	212.37 13.08 8.13	144.61 9.33 22.92	90.44 6.98 53.39	65.84 4.71 51.11	62.81 2.39 35.10	60.78 0.32 19.22

BAYONEEC___CTG8 323689	61.36 0.55 0.00	55.10 0.76 0.00	50.14 1.08 0.00	46.90 1.01 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.30 1.79 0.00	65.84 2.65 31.41	73.86 5.08 39.29	113.88 7.60 16.19	124.79 9.70 17.88	177.49 14.61 17.51	256.14 16.78 -9.33	212.37 13.08 8.13	144.61 9.33 22.92	90.44 6.98 53.39	65.84 4.71 51.11	62.81 2.39 35.10	60.78 0.32 19.22
BAYONEEC___CTG9 323749	61.36 0.55 0.00	55.10 0.76 0.00	50.14 1.08 0.00	46.90 1.01 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.30 1.79 0.00	65.84 2.65 31.41	73.86 5.08 39.29	113.88 7.60 16.19	124.79 9.70 17.88	177.49 14.61 17.51	256.14 16.78 -9.33	212.37 13.08 8.13	144.61 9.33 22.92	90.44 6.98 53.39	65.84 4.71 51.11	62.81 2.39 35.10	60.78 0.32 19.22
BEACON___LESR 323632	62.52 1.70 0.00	55.97 1.63 0.00	50.53 1.47 0.00	47.27 1.38 0.00	47.98 1.44 0.00	50.37 1.47 0.00	55.06 1.60 0.00	57.75 1.46 0.00	61.74 1.39 0.00	65.32 1.03 0.00	72.76 0.93 0.00	82.41 0.90 0.00	96.03 1.42 0.00	111.42 3.35 0.00	127.74 5.26 0.00	139.74 6.78 0.00	190.31 9.92 0.00	293.01 11.72 -51.26	373.33 9.96 -155.95	349.67 6.95 -184.52	297.49 5.88 -154.77	194.55 4.37 -77.93	117.34 3.06 -18.76	81.36 1.68 0.00
BEAVER RIVER___HYD 24048	66.52 2.00 -3.70	55.90 1.52 -0.04	50.24 1.18 0.00	47.00 1.10 0.00	47.55 1.02 0.00	50.27 1.37 0.00	55.22 1.76 0.00	58.09 1.80 0.00	62.52 2.17 0.00	66.41 2.12 0.00	74.27 2.44 0.00	83.79 2.28 0.00	96.31 1.70 0.00	109.90 1.84 0.00	121.74 -0.73 0.00	132.30 -0.66 0.00	179.85 -0.54 0.00	231.41 1.39 0.00	211.57 4.15 0.00	163.11 4.91 0.00	140.13 3.28 0.00	113.93 1.69 0.00	98.86 3.34 0.00	87.61 3.75 -4.18
BEEBEE_GT_13 23619	62.52 1.70 0.00	54.83 0.49 0.00	49.36 0.29 0.00	45.90 0.00 0.00	46.39 -0.14 0.00	48.86 -0.05 0.00	53.35 -0.11 0.00	56.63 0.34 0.00	61.32 0.97 0.00	66.16 1.86 0.00	74.77 2.95 0.00	85.34 3.83 0.00	99.53 4.92 0.00	112.71 4.65 0.00	127.25 4.78 0.00	137.89 4.92 0.00	184.72 4.33 0.00	235.55 5.52 0.00	216.14 8.71 0.00	167.06 8.86 0.00	145.88 9.03 0.00	116.06 3.82 0.00	97.34 1.81 0.00	81.83 2.15 0.00
BENSHRST_27_KV_BENSHRST_1 355998	61.79 0.97 0.00	55.15 0.82 0.00	50.44 1.37 0.00	47.46 1.56 0.00	47.97 1.44 0.00	50.13 1.22 0.00	54.68 1.23 0.00	57.47 1.18 0.00	62.04 1.69 0.00	66.22 1.93 0.00	73.77 1.94 0.00	83.96 2.45 0.00	66.69 3.50 31.42	74.93 6.16 39.29	121.16 8.94 10.25	126.54 11.17 17.60	179.47 16.60 17.52	259.72 19.32 -10.38	214.64 15.35 8.14	146.66 11.39 22.93	93.40 8.62 52.07	67.21 6.06 51.09	63.85 3.44 35.11	61.33 0.88 19.23
BETHLEHEM___GRP 23843	61.73 0.91 0.00	55.37 1.03 0.00	50.05 0.98 0.00	46.86 0.96 0.00	47.51 0.98 0.00	49.88 0.98 0.00	54.47 1.02 0.00	57.19 0.90 0.00	61.13 0.78 0.00	64.87 0.58 0.00	72.19 0.36 0.00	81.84 0.33 0.00	95.37 0.76 0.00	110.44 2.38 0.00	126.51 4.04 0.00	138.02 5.05 0.00	187.61 7.22 0.00	288.53 8.28 -50.22	366.87 6.64 -152.80	343.59 4.59 -180.80	292.19 3.69 -151.65	191.52 2.92 -76.36	115.63 1.72 -18.38	80.32 0.64 0.00
BETHLEHEM___GS1 323560	61.73 0.91 0.00	55.37 1.03 0.00	50.05 0.98 0.00	46.81 0.92 0.00	47.51 0.98 0.00	49.88 0.98 0.00	54.47 1.01 0.00	57.19 0.90 0.00	61.13 0.78 0.00	64.80 0.51 0.00	72.19 0.36 0.00	81.84 0.33 0.00	95.28 0.67 0.00	110.44 2.37 0.00	126.39 3.92 0.00	138.02 5.05 0.00	187.62 7.22 0.00	288.52 8.27 -50.22	366.87 6.64 -152.80	343.59 4.59 -180.80	292.32 3.83 -151.65	191.52 2.91 -76.36	115.63 1.72 -18.38	80.31 0.63 0.00
BETHLEHEM___GS2 323561	61.73 0.91 0.00	55.37 1.03 0.00	50.05 0.98 0.00	46.81 0.92 0.00	47.51 0.98 0.00	49.88 0.98 0.00	54.47 1.01 0.00	57.19 0.90 0.00	61.13 0.78 0.00	64.80 0.51 0.00	72.19 0.36 0.00	81.84 0.33 0.00	95.28 0.67 0.00	110.44 2.37 0.00	126.39 3.92 0.00	138.02 5.05 0.00	187.62 7.22 0.00	288.52 8.27 -50.22	366.87 6.64 -152.80	343.59 4.59 -180.80	292.32 3.83 -151.65	191.52 2.91 -76.36	115.63 1.72 -18.38	80.31 0.63 0.00
BETHLEHEM___GS3 323562	61.73 0.91 0.00	55.37 1.03 0.00	50.05 0.98 0.00	46.81 0.92 0.00	47.51 0.98 0.00	49.88 0.98 0.00	54.47 1.01 0.00	57.19 0.90 0.00	61.13 0.78 0.00	64.80 0.51 0.00	72.19 0.36 0.00	81.84 0.33 0.00	95.28 0.67 0.00	110.44 2.37 0.00	126.39 3.92 0.00	138.02 5.05 0.00	187.62 7.22 0.00	288.52 8.27 -50.22	366.87 6.64 -152.80	343.59 4.59 -180.80	292.32 3.83 -151.65	191.52 2.91 -76.36	115.63 1.72 -18.38	80.31 0.63 0.00
BETHLEHEM___STEEL 23779	63.25 2.43 0.00	54.99 0.65 0.00	49.36 0.29 0.00	45.94 0.05 0.00	46.49 -0.05 0.00	48.76 -0.15 0.00	53.29 -0.16 0.00	56.52 0.23 0.00	61.50 1.15 0.00	66.73 2.44 0.00	75.78 3.95 0.00	87.13 5.62 0.00	101.23 6.62 0.00	114.01 5.94 0.00	128.11 5.63 0.00	139.08 6.12 0.00	184.18 3.79 0.00	232.79 2.76 0.00	215.10 7.67 0.00	167.85 9.65 0.00	147.79 10.95 0.00	116.39 4.15 0.00	97.72 2.20 0.00	82.71 3.03 0.00
BETHLHEM_115KV_TB1 79974	61.67 0.85 0.00	55.32 0.98 0.00	50.00 0.93 0.00	46.77 0.87 0.00	47.46 0.93 0.00	49.83 0.93 0.00	54.36 0.91 0.00	57.08 0.79 0.00	61.07 0.72 0.00	64.81 0.51 0.00	72.12 0.29 0.00	81.75 0.24 0.00	95.27 0.66 0.00	110.34 2.27 0.00	126.27 3.80 0.00	137.75 4.79 0.00	187.43 7.04 0.00	285.72 7.82 -47.88	359.31 6.22 -145.66	334.98 4.43 -172.36	284.97 3.56 -144.56	187.73 2.69 -72.79	114.67 1.62 -17.53	80.24 0.56 0.00
BETHPAGE_CC_5 323564	61.97 1.15 0.00	54.99 0.65 0.00	49.61 0.54 0.00	46.13 0.23 0.00	46.77 0.23 0.00	49.29 0.39 0.00	54.31 0.85 0.00	56.41 0.11 0.00	60.95 0.60 0.00	64.74 0.45 0.00	60.74 0.00 11.08	65.57 0.16 16.10	87.24 0.75 8.13	109.14 3.14 2.06	126.97 5.88 1.38	142.67 9.70 0.00	195.72 15.32 0.00	255.46 16.10 -9.34	248.28 12.44 -28.41	196.72 8.38 -30.14	167.92 5.48 -25.59	128.27 3.26 -12.77	81.86 0.58 14.23	66.86 -1.04 11.78
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	63.43 2.62 0.00	55.10 0.76 0.00	49.46 0.39 0.00	46.03 0.14 0.00	46.53 0.00 0.00	48.86 -0.05 0.00	53.40 -0.05 0.00	56.69 0.39 0.00	61.62 1.27 0.00	66.99 2.70 0.00	76.00 4.17 0.00	87.46 5.95 0.00	101.61 7.00 0.00	114.55 6.48 0.00	128.72 6.25 0.00	139.75 6.78 0.00	185.27 4.87 0.00	233.94 3.91 0.00	216.35 8.92 0.00	168.80 10.60 0.00	148.48 11.63 0.00	116.95 4.71 0.00	98.10 2.58 0.00	82.95 3.27 0.00
BINGHAMTON___COGEN 23790	61.73 0.91 0.00	54.83 0.49 0.00	49.41 0.34 0.00	46.17 0.28 0.00	46.76 0.23 0.00	49.20 0.29 0.00	53.83 0.37 0.00	56.80 0.51 0.00	61.07 0.72 0.00	65.32 1.03 0.00	73.34 1.51 0.00	83.55 2.04 0.00	97.07 2.46 0.00	111.09 3.03 0.00	126.02 3.55 0.00	137.09 4.12 0.00	184.90 4.51 0.00	239.40 5.29 -4.08	226.70 6.85 -12.43	179.55 6.64 -14.71	155.48 6.29 -12.33	121.82 3.37 -6.21	98.83 1.81 -1.50	81.11 1.43 0.00

BIXINCNT_115KV_LOAD 355685	63.55 2.74 0.00	55.15 0.82 0.00	49.36 0.29 0.00	45.85 -0.05 0.00	46.25 -0.28 0.00	48.66 -0.24 0.00	53.29 -0.16 0.00	56.69 0.39 0.00	61.56 1.21 0.00	66.99 2.70 0.00	76.36 4.53 0.00	87.79 6.28 0.00	101.99 7.38 0.00	114.98 6.92 0.00	129.33 6.86 0.00	140.41 7.45 0.00	186.35 5.95 0.00	235.78 5.75 0.00	218.00 10.58 0.00	170.06 11.86 0.00	149.44 12.59 0.00	117.63 5.39 0.00	98.48 2.96 0.00	82.95 3.27 0.00
BLACK RIVER___HYD 24047	66.78 4.01 -1.95	57.56 3.21 -0.02	51.61 2.55 0.00	48.24 2.34 0.00	48.77 2.23 0.00	51.54 2.64 0.00	56.55 3.10 0.00	59.50 3.21 0.00	63.55 3.20 0.00	67.57 3.28 0.00	75.56 3.73 0.00	85.42 3.91 0.00	98.67 4.07 0.00	113.04 4.97 0.00	124.79 2.32 0.00	136.29 3.33 0.00	185.44 5.04 0.00	239.46 9.43 0.00	221.11 13.69 0.00	172.12 13.92 0.00	149.02 12.18 0.00	119.98 7.74 0.00	103.36 7.83 0.00	88.74 6.85 -2.21
BLACKRVR_115KV_TB2 79977	66.79 4.01 -1.95	57.56 3.21 -0.02	51.62 2.55 0.00	48.24 2.34 0.00	48.77 2.23 0.00	51.55 2.64 0.00	56.56 3.10 0.00	59.50 3.21 0.00	63.55 3.20 0.00	67.57 3.28 0.00	75.49 3.66 0.00	85.42 3.91 0.00	98.68 4.07 0.00	113.04 4.97 0.00	124.80 2.33 0.00	136.42 3.46 0.00	185.27 4.87 0.00	239.46 9.43 0.00	220.91 13.48 0.00	172.12 13.92 0.00	149.03 12.18 0.00	119.99 7.74 0.00	103.35 7.83 0.00	88.74 6.85 -2.21
BLDWN_LI_69_KV_BK4 356085	62.58 1.76 0.00	55.54 1.20 0.00	50.09 1.03 0.00	46.63 0.73 0.00	47.23 0.70 0.00	49.79 0.88 0.00	54.74 1.28 0.00	56.91 0.62 0.00	61.50 1.15 0.00	65.58 1.29 0.00	65.67 0.57 6.74	72.69 0.98 9.80	91.17 1.51 4.95	110.61 3.89 1.35	129.32 6.86 0.01	143.60 10.64 0.00	197.53 17.14 0.00	257.30 17.94 -9.34	250.14 14.31 -28.41	202.25 10.44 -33.61	171.74 6.71 -28.19	130.92 4.49 -14.19	89.74 1.53 7.31	75.59 0.16 4.24
BLISS_WT_PWR 323608	63.49 2.67 0.00	55.10 0.76 0.00	49.26 0.20 0.00	45.71 -0.18 0.00	46.07 -0.47 0.00	48.51 -0.39 0.00	53.19 -0.27 0.00	56.58 0.28 0.00	61.56 1.21 0.00	66.99 2.70 0.00	76.43 4.60 0.00	87.79 6.28 0.00	101.99 7.38 0.00	115.31 7.24 0.00	128.96 6.49 0.00	140.67 7.71 0.00	186.71 6.31 0.00	235.54 5.51 0.00	218.00 10.57 0.00	170.55 12.35 0.00	149.43 12.58 0.00	117.52 5.28 0.00	98.38 2.86 0.00	82.87 3.19 0.00
BLUESTONE___WT_PWR 323821	64.47 3.65 0.00	57.27 2.93 0.00	51.57 2.50 0.00	48.19 2.29 0.00	48.81 2.28 0.00	51.45 2.54 0.00	56.45 2.99 0.00	59.61 3.32 0.00	63.85 3.50 0.00	68.08 3.79 0.00	76.28 4.46 0.00	86.81 5.30 0.00	101.05 6.44 0.00	116.39 8.32 0.00	131.66 9.19 0.00	144.00 11.03 0.00	195.36 14.96 0.00	257.33 19.78 -7.52	251.48 21.17 -22.88	203.30 18.03 -27.08	175.15 15.59 -22.71	134.00 10.32 -11.44	105.53 7.26 -2.75	85.42 5.74 0.00
BLUE_CIRC_CHEM_DRP 24182	60.63 -0.18 0.00	54.45 0.11 0.00	49.21 0.15 0.00	46.03 0.14 0.00	46.72 0.19 0.00	49.00 0.10 0.00	53.40 -0.05 0.00	56.01 -0.28 0.00	59.75 -0.60 0.00	63.26 -1.03 0.00	70.39 -1.44 0.00	79.80 -1.71 0.00	93.00 -1.61 0.00	107.63 -0.43 0.00	123.09 0.61 0.00	134.16 1.20 0.00	182.56 2.16 0.00	249.19 1.84 -17.32	287.10 1.24 -78.43	266.09 0.63 -107.25	235.17 0.55 -97.77	170.37 0.45 -57.68	109.31 -0.10 -13.89	78.96 -0.72 0.00
BOC_GAS_DRP 24189	61.06 0.24 0.00	54.83 0.49 0.00	49.56 0.49 0.00	46.40 0.50 0.00	47.04 0.51 0.00	49.39 0.49 0.00	53.94 0.48 0.00	56.69 0.39 0.00	60.65 0.30 0.00	64.42 0.13 0.00	71.76 -0.07 0.00	81.35 -0.16 0.00	94.80 0.19 0.00	109.58 1.51 0.00	125.17 2.69 0.00	136.42 3.46 0.00	185.45 5.05 0.00	271.70 5.52 -36.15	319.92 4.15 -108.34	288.32 2.85 -127.28	245.29 2.19 -106.25	167.00 1.80 -52.97	109.04 0.76 -12.75	79.60 -0.08 0.00
BOONVILLE_115KV_TB1 79983	63.91 1.70 -1.39	55.71 1.36 -0.01	50.14 1.08 0.00	46.91 1.01 0.00	47.51 0.98 0.00	50.13 1.22 0.00	54.95 1.50 0.00	57.81 1.52 0.00	62.16 1.81 0.00	66.16 1.86 0.00	73.91 2.08 0.00	83.63 2.12 0.00	96.78 2.18 0.00	110.98 2.92 0.00	124.92 2.45 0.00	136.02 3.06 0.00	185.27 4.87 0.00	237.39 7.36 0.00	215.93 8.50 0.00	165.79 7.59 0.00	142.73 5.88 0.00	115.94 3.70 0.00	98.86 3.34 0.00	84.44 3.19 -1.57
BORALEX_4TH_BRANCH 23824	62.46 1.64 0.00	55.97 1.63 0.00	50.63 1.57 0.00	47.41 1.51 0.00	48.07 1.54 0.00	50.52 1.61 0.00	55.22 1.76 0.00	57.98 1.69 0.00	62.04 1.69 0.00	65.64 1.35 0.00	72.98 1.15 0.00	82.90 1.39 0.00	96.69 2.08 0.00	112.93 4.86 0.00	129.82 7.35 0.00	141.87 8.91 0.00	193.02 12.63 0.00	311.53 14.26 -67.24	423.82 11.82 -204.57	408.48 8.23 -242.06	346.58 6.71 -203.02	219.75 5.28 -102.23	123.67 3.53 -24.61	81.35 1.67 0.00
BOWLINE___1 23526	61.06 0.24 0.00	54.77 0.43 0.00	49.66 0.59 0.00	46.40 0.51 0.00	47.04 0.51 0.00	49.49 0.59 0.00	54.26 0.80 0.00	57.25 0.96 0.00	61.49 1.14 0.00	65.45 1.16 0.00	72.83 1.01 0.00	82.49 0.98 0.00	96.31 1.70 0.00	111.85 3.78 0.00	128.35 5.88 0.00	140.81 7.84 0.00	191.95 11.56 0.00	252.16 13.10 -9.03	244.87 9.96 -27.48	197.85 7.13 -32.52	169.32 5.20 -27.28	129.67 3.70 -13.73	100.45 1.62 -3.31	79.60 -0.08 0.00
BOWLINE___2 23595	61.18 0.37 0.00	54.88 0.54 0.00	49.75 0.69 0.00	46.49 0.60 0.00	47.09 0.56 0.00	49.54 0.63 0.00	54.36 0.91 0.00	57.25 0.96 0.00	61.56 1.21 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.65 1.14 0.00	96.50 1.89 0.00	112.07 4.00 0.00	128.59 6.12 0.00	140.94 7.98 0.00	192.30 11.90 0.00	252.63 13.57 -9.03	245.28 10.37 -27.49	198.00 7.28 -32.52	169.60 5.48 -27.28	129.90 3.93 -13.74	100.64 1.81 -3.31	79.76 0.08 0.00
BRADY___115KV_TB2 356060	75.68 2.74 -12.13	56.74 2.28 -0.12	50.98 1.91 0.00	47.73 1.84 0.00	48.30 1.77 0.00	50.81 1.91 0.00	55.59 2.14 0.00	58.32 2.03 0.00	62.16 1.81 0.00	66.09 1.80 0.00	73.84 2.01 0.00	83.38 1.87 0.00	94.89 0.28 0.00	106.23 -1.84 0.00	118.68 -3.80 0.00	128.31 -4.65 0.00	174.44 -5.95 0.00	224.96 -5.06 0.00	203.49 -3.94 0.00	155.67 -2.53 0.00	135.07 -1.78 0.00	111.57 -0.67 0.00	97.43 1.91 0.00	96.87 3.59 -13.60
BRANSCOMB___SOLAR 323811	63.31 2.49 0.00	56.52 2.18 0.00	51.03 1.96 0.00	47.64 1.74 0.00	48.40 1.86 0.00	50.91 2.01 0.00	55.54 2.08 0.00	58.32 2.02 0.00	61.98 1.63 0.00	65.32 1.03 0.00	72.40 0.57 0.00	82.24 0.73 0.00	95.84 1.23 0.00	111.20 3.14 0.00	127.50 5.02 0.00	139.74 6.78 0.00	190.67 10.28 0.00	333.31 12.87 -90.41	494.11 11.61 -275.07	493.17 9.49 -325.48	418.19 8.35 -272.99	256.10 6.39 -137.46	133.39 4.77 -33.10	82.78 3.10 0.00
BRDGHMPT_69_KV_BK1 55812	63.55 2.74 0.00	56.13 1.79 0.00	50.49 1.42 0.00	46.86 0.96 0.00	47.46 0.93 0.00	50.13 1.22 0.00	55.33 1.87 0.00	57.08 0.79 0.00	62.10 1.75 0.00	66.35 2.06 0.00	60.15 1.94 13.62	64.43 2.69 19.77	88.41 3.78 9.98	112.56 7.02 2.53	131.36 10.78 1.89	148.92 15.96 0.00	205.65 25.26 0.00	262.36 23.00 -9.34	254.91 19.08 -28.41	203.18 16.14 -28.84	171.45 9.99 -24.61	130.77 6.29 -12.24	79.55 2.29 18.27	65.10 0.80 15.38

BRENTWOD_69_KV_W. BRTWOOD 56703	62.95 2.13 0.00	55.75 1.41 0.00	50.24 1.18 0.00	46.68 0.78 0.00	47.28 0.74 0.00	49.88 0.98 0.00	55.00 1.55 0.00	56.91 0.62 0.00	61.56 1.21 0.00	65.71 1.41 0.00	58.90 0.43 13.36	62.76 0.65 19.41	86.23 1.42 9.79	108.83 3.24 2.48	126.41 5.76 1.82	142.67 9.71 0.00	196.81 16.42 0.00	254.77 15.41 -9.34	247.86 12.03 -28.41	196.56 9.33 -29.02	166.93 5.34 -24.75	127.47 2.92 -12.31	78.71 1.05 17.87	64.10 -0.56 15.02
BRISTLHL_115KV_TB1 79998	60.09 -0.73 0.00	53.47 -0.87 0.00	48.18 -0.88 0.00	45.02 -0.87 0.00	45.65 -0.88 0.00	48.03 -0.88 0.00	52.55 -0.91 0.00	55.39 -0.90 0.00	59.51 -0.84 0.00	63.52 -0.77 0.00	71.18 -0.65 0.00	80.94 -0.57 0.00	94.04 -0.57 0.00	107.74 -0.32 0.00	122.23 -0.24 0.00	132.83 -0.13 0.00	179.85 -0.54 0.00	229.57 -0.46 0.00	208.46 1.04 0.00	159.78 1.58 0.00	138.49 1.64 0.00	112.24 0.00 0.00	94.85 -0.67 0.00	78.96 -0.72 0.00
BROOKHAVEN___DRP 24191	62.28 1.46 0.00	55.10 0.76 0.00	49.65 0.59 0.00	46.08 0.18 0.00	46.72 0.19 0.00	49.30 0.39 0.00	54.36 0.91 0.00	56.01 -0.28 0.00	60.71 0.36 0.00	64.74 0.45 0.00	57.92 -0.29 13.62	61.65 -0.08 19.78	85.10 0.47 9.98	108.56 3.03 2.53	126.58 6.00 1.90	143.20 10.24 0.00	197.71 17.32 0.00	254.08 14.72 -9.34	247.65 11.82 -28.41	197.01 9.97 -28.84	166.93 5.47 -24.61	127.51 3.03 -12.24	77.34 0.10 18.28	63.10 -1.20 15.39
BROOKLYN_NAVY_YARD 23515	61.49 0.67 0.00	55.16 0.82 0.00	50.14 1.08 0.00	46.90 1.01 0.00	47.51 0.98 0.00	49.93 1.03 0.00	54.84 1.39 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.09 1.80 0.00	73.34 1.51 0.00	83.46 1.95 0.00	97.44 2.84 0.00	113.36 5.29 0.00	131.49 7.96 -1.06	143.07 10.10 0.00	195.55 15.16 0.00	257.07 17.71 -9.33	249.73 13.90 -28.40	204.45 9.97 -36.27	174.56 7.52 -30.19	132.58 5.06 -15.28	101.71 2.77 -3.42	80.24 0.56 0.00
BROOKLYN___ARMY_DRP 323595	61.43 0.61 0.00	54.88 0.54 0.00	50.24 1.18 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.83 1.54 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	114.91 7.96 15.53	125.35 10.24 17.85	178.03 15.15 17.52	258.60 17.48 -11.10	212.98 13.69 8.14	145.24 9.97 22.93	91.13 7.53 53.24	66.29 5.16 51.12	63.18 2.77 35.11	60.85 0.40 19.23
BROOME_2_LFGE 323671	61.73 0.91 0.00	54.83 0.49 0.00	49.41 0.35 0.00	46.17 0.28 0.00	46.77 0.23 0.00	49.20 0.30 0.00	53.83 0.38 0.00	56.80 0.51 0.00	61.08 0.73 0.00	65.32 1.03 0.00	73.34 1.51 0.00	83.55 2.04 0.00	97.06 2.46 0.00	111.20 3.14 0.00	125.90 3.42 0.00	137.22 4.25 0.00	185.08 4.68 0.00	239.40 5.29 -4.08	226.69 6.83 -12.43	179.70 6.80 -14.71	155.48 6.30 -12.33	121.71 3.26 -6.21	98.83 1.81 -1.50	81.12 1.44 0.00
BROOME___LFGE 323600	61.73 0.91 0.00	54.83 0.49 0.00	49.41 0.35 0.00	46.17 0.28 0.00	46.77 0.23 0.00	49.20 0.30 0.00	53.83 0.38 0.00	56.80 0.51 0.00	61.08 0.73 0.00	65.32 1.03 0.00	73.34 1.51 0.00	83.55 2.04 0.00	97.06 2.46 0.00	111.20 3.14 0.00	125.90 3.42 0.00	137.22 4.25 0.00	185.08 4.68 0.00	239.40 5.29 -4.08	226.69 6.83 -12.43	179.70 6.80 -14.71	155.48 6.30 -12.33	121.71 3.26 -6.21	98.83 1.81 -1.50	81.12 1.44 0.00
BROWNFLS_115KV_TB 3_5 80003	69.35 2.13 -6.41	56.09 1.68 -0.06	50.44 1.37 0.00	47.18 1.29 0.00	47.70 1.16 0.00	50.27 1.37 0.00	55.11 1.66 0.00	57.98 1.69 0.00	62.22 1.87 0.00	66.16 1.86 0.00	73.98 2.15 0.00	83.38 1.87 0.00	94.99 0.38 0.00	107.53 -0.54 0.00	119.41 -3.06 0.00	129.77 -3.19 0.00	176.25 -4.15 0.00	226.81 -3.22 0.00	206.18 -1.24 0.00	158.36 0.16 0.00	136.44 -0.41 0.00	111.57 -0.67 0.00	97.34 1.81 0.00	90.10 3.19 -7.24
BROWNSV1_27_KV_LOAD 356125	62.09 1.28 0.00	55.70 1.36 0.00	50.63 1.57 0.00	47.36 1.47 0.00	47.93 1.40 0.00	50.42 1.52 0.00	55.33 1.87 0.00	58.21 1.91 0.00	62.70 2.35 0.00	66.73 2.44 0.00	74.34 2.51 0.00	84.44 2.93 0.00	98.68 4.07 0.00	114.77 6.70 0.00	132.03 9.55 0.00	144.80 11.83 0.00	198.07 17.68 0.00	260.06 20.70 -9.33	252.42 16.59 -28.40	203.98 12.18 -33.60	174.34 9.31 -28.18	132.94 6.51 -14.19	102.76 3.82 -3.42	81.11 1.43 0.00
BURROWS___LYONSDAL 23803	64.31 1.64 -1.85	55.66 1.30 -0.02	50.09 1.03 0.00	46.86 0.96 0.00	47.42 0.88 0.00	50.08 1.17 0.00	54.95 1.50 0.00	57.81 1.52 0.00	62.22 1.87 0.00	66.22 1.93 0.00	73.98 2.15 0.00	83.63 2.12 0.00	96.69 2.08 0.00	110.77 2.70 0.00	124.31 1.84 0.00	135.36 2.39 0.00	184.36 3.97 0.00	236.24 6.21 0.00	215.10 7.67 0.00	165.32 7.12 0.00	142.18 5.34 0.00	115.50 3.25 0.00	98.77 3.25 0.00	84.95 3.19 -2.09
CAITHNESS_CC_1 323624	62.15 1.34 0.00	55.04 0.70 0.00	49.61 0.54 0.00	46.03 0.14 0.00	46.67 0.14 0.00	49.25 0.34 0.00	54.31 0.85 0.00	55.96 -0.34 0.00	60.59 0.24 0.00	64.29 0.00 0.00	57.77 -0.43 13.63	61.48 -0.24 19.79	84.81 0.19 9.99	108.24 2.70 2.53	126.09 5.52 1.90	142.54 9.58 0.00	195.55 15.16 0.00	253.40 14.03 -9.34	246.82 10.99 -28.41	194.94 7.91 -28.84	166.38 4.92 -24.61	127.06 2.58 -12.24	77.14 -0.10 18.29	62.93 -1.36 15.40
CALPINE BETH_PAGE_GT4 24209	61.85 1.03 0.00	54.94 0.60 0.00	49.56 0.49 0.00	46.17 0.28 0.00	46.72 0.19 0.00	49.25 0.34 0.00	54.20 0.75 0.00	56.35 0.06 0.00	60.95 0.60 0.00	65.00 0.71 0.00	61.80 -0.07 9.96	67.21 0.16 14.47	88.16 0.85 7.30	109.35 3.13 1.85	127.35 6.00 1.12	142.67 9.71 0.00	196.27 15.87 0.00	255.69 16.33 -9.34	248.48 12.65 -28.41	198.16 9.18 -30.79	168.39 5.47 -26.07	128.64 3.37 -13.04	83.56 0.48 12.44	68.45 -1.04 10.19
CALPINE_BETH_PAGE_GT_4 323586	61.85 1.03 0.00	54.94 0.60 0.00	49.55 0.49 0.00	46.13 0.23 0.00	46.72 0.19 0.00	49.25 0.34 0.00	54.20 0.75 0.00	56.35 0.06 0.00	60.95 0.60 0.00	64.68 0.39 0.00	61.87 0.00 9.96	67.21 0.16 14.47	88.15 0.85 7.30	109.35 3.14 1.85	127.23 5.88 1.12	142.67 9.70 0.00	195.72 15.32 0.00	255.70 16.33 -9.34	248.28 12.44 -28.41	197.37 8.38 -30.79	168.40 5.48 -26.07	128.53 3.26 -13.04	83.65 0.58 12.44	68.45 -1.04 10.19
CALPINE_BP_GT1 23823	61.85 1.03 0.00	54.94 0.60 0.00	49.55 0.49 0.00	46.13 0.23 0.00	46.72 0.19 0.00	49.25 0.34 0.00	54.20 0.75 0.00	56.35 0.06 0.00	60.95 0.60 0.00	64.68 0.39 0.00	61.87 0.00 9.96	67.21 0.16 14.47	88.15 0.85 7.30	109.35 3.14 1.85	127.23 5.88 1.12	142.67 9.70 0.00	195.72 15.32 0.00	255.70 16.33 -9.34	248.28 12.44 -28.41	197.37 8.38 -30.79	168.40 5.48 -26.07	128.53 3.26 -13.04	83.65 0.58 12.44	68.45 -1.04 10.19
CALSPAN___DRP 24200	63.25 2.43 0.00	54.99 0.65 0.00	49.36 0.29 0.00	45.94 0.05 0.00	46.49 -0.05 0.00	48.76 -0.15 0.00	53.29 -0.16 0.00	56.52 0.23 0.00	61.50 1.15 0.00	66.73 2.44 0.00	75.78 3.95 0.00	87.13 5.62 0.00	101.23 6.62 0.00	114.01 5.94 0.00	128.11 5.63 0.00	139.08 6.12 0.00	184.18 3.79 0.00	232.79 2.76 0.00	215.10 7.67 0.00	167.85 9.65 0.00	147.79 10.95 0.00	116.39 4.15 0.00	97.72 2.20 0.00	82.71 3.03 0.00

CALVERTON___SOLAR 323806	62.46 1.64 0.00	55.26 0.92 0.00	49.75 0.69 0.00	46.17 0.28 0.00	46.81 0.28 0.00	49.39 0.49 0.00	54.47 1.01 0.00	56.12 -0.17 0.00	60.83 0.48 0.00	64.55 0.26 0.00	58.21 0.00 13.62	61.98 0.25 19.78	85.48 0.85 9.98	109.10 3.56 2.53	127.06 6.49 1.90	143.87 10.91 0.00	197.35 16.95 0.00	255.46 16.10 -9.34	248.91 13.08 -28.41	196.53 9.49 -28.84	167.76 6.30 -24.61	128.07 3.59 -12.24	77.82 0.58 18.27	63.42 -0.87 15.39
CANDIGU_WT_PWR 323617	62.34 1.52 0.00	54.67 0.33 0.00	49.21 0.15 0.00	45.85 -0.05 0.00	46.44 -0.09 0.00	48.91 0.00 0.00	53.56 0.11 0.00	56.41 0.11 0.00	60.78 0.43 0.00	65.38 1.09 0.00	73.91 2.08 0.00	84.61 3.10 0.00	98.20 3.59 0.00	111.52 3.46 0.00	125.29 2.82 0.00	136.56 3.59 0.00	182.73 2.34 0.00	234.64 2.07 -2.55	222.03 6.83 -7.77	176.40 9.01 -9.19	153.99 9.44 -7.71	120.16 4.03 -3.88	98.47 2.01 -0.93	82.15 2.47 0.00
CARR STREET_E_SYR 24060	60.27 -0.55 0.00	53.58 -0.76 0.00	48.28 -0.79 0.00	45.07 -0.82 0.00	45.70 -0.84 0.00	48.07 -0.83 0.00	52.65 -0.80 0.00	55.56 -0.73 0.00	59.75 -0.60 0.00	63.84 -0.45 0.00	71.54 -0.29 0.00	81.35 -0.16 0.00	94.61 0.00 0.00	108.39 0.33 0.00	122.72 0.25 0.00	133.63 0.67 0.00	180.76 0.36 0.00	230.49 0.46 0.00	209.29 1.86 0.00	160.41 2.21 0.00	139.03 2.18 0.00	112.47 0.22 0.00	95.05 -0.48 0.00	79.13 -0.55 0.00
CARTHAGE___PAPER 23857	66.49 3.04 -2.63	56.75 2.39 -0.03	50.98 1.91 0.00	47.64 1.74 0.00	48.20 1.67 0.00	50.96 2.05 0.00	55.97 2.51 0.00	58.88 2.59 0.00	63.00 2.65 0.00	66.99 2.70 0.00	74.85 3.02 0.00	84.44 2.93 0.00	97.25 2.65 0.00	110.99 2.92 0.00	120.88 -1.60 0.00	131.64 -1.33 0.00	179.14 -1.25 0.00	231.18 1.16 0.00	212.61 5.19 0.00	164.53 6.33 0.00	141.91 5.07 0.00	115.05 2.81 0.00	100.96 5.44 0.00	87.91 5.26 -2.97
CASSADAGA_WT_PWR 323784	63.74 2.92 0.00	55.26 0.92 0.00	49.50 0.44 0.00	46.08 0.18 0.00	46.67 0.14 0.00	49.15 0.25 0.00	54.04 0.59 0.00	57.98 1.69 0.00	62.94 2.59 0.00	68.53 4.24 0.00	78.01 6.18 0.00	89.66 8.15 0.00	104.45 9.84 0.00	118.34 10.27 0.00	131.90 9.43 0.00	144.00 11.03 0.00	191.04 10.64 0.00	240.61 10.59 0.00	222.78 15.35 0.00	174.34 16.14 0.00	152.85 16.00 0.00	120.21 7.97 0.00	100.58 5.06 0.00	84.70 5.02 0.00
CE_DUNWOOD___DRP 24194	61.55 0.73 0.00	55.15 0.82 0.00	50.05 0.98 0.00	46.81 0.92 0.00	47.42 0.88 0.00	49.83 0.93 0.00	54.68 1.23 0.00	57.53 1.24 0.00	61.86 1.51 0.00	65.83 1.54 0.00	73.34 1.51 0.00	83.22 1.71 0.00	97.16 2.55 0.00	112.93 4.86 0.00	129.82 7.35 0.00	142.27 9.31 0.00	194.28 13.89 0.00	255.21 15.87 -9.32	248.22 12.45 -28.35	200.76 9.02 -33.54	171.69 6.71 -28.13	131.12 4.71 -14.17	101.32 2.39 -3.41	80.16 0.48 0.00
CE_MILLWOOD___DRP 24193	61.43 0.61 0.00	55.10 0.76 0.00	50.00 0.93 0.00	46.72 0.83 0.00	47.32 0.79 0.00	49.79 0.88 0.00	54.58 1.12 0.00	57.42 1.13 0.00	61.74 1.39 0.00	65.71 1.41 0.00	73.12 1.29 0.00	82.98 1.47 0.00	96.88 2.27 0.00	112.61 4.54 0.00	129.45 6.98 0.00	141.87 8.91 0.00	193.74 13.35 0.00	254.49 15.18 -9.28	247.49 11.82 -28.24	200.16 8.54 -33.42	171.31 6.43 -28.03	130.84 4.49 -14.11	101.12 2.20 -3.40	80.08 0.40 0.00
CE_NYC2_DRP 24202	61.18 0.36 0.00	54.88 0.54 0.00	50.14 1.08 0.00	47.14 1.24 0.00	47.65 1.12 0.00	49.88 0.98 0.00	54.52 1.07 0.00	57.31 1.01 0.00	61.68 1.33 0.00	65.64 1.35 0.00	73.05 1.22 0.00	82.90 1.39 0.00	65.46 2.27 31.42	73.42 4.65 39.29	108.50 7.10 21.08	124.02 9.17 18.12	176.95 14.07 17.52	235.48 15.87 10.41	211.53 12.24 8.14	144.13 8.86 22.93	88.80 6.43 54.48	65.47 4.38 51.15	61.89 2.10 35.73	60.45 0.00 19.23
CE_NYC_DRP 24195	61.55 0.73 0.00	55.26 0.92 0.00	50.24 1.18 0.00	47.00 1.10 0.00	47.56 1.02 0.00	50.03 1.12 0.00	54.90 1.44 0.00	57.70 1.41 0.00	62.16 1.81 0.00	66.16 1.86 0.00	73.63 1.80 0.00	83.63 2.12 0.00	97.64 3.03 0.00	113.58 5.51 0.00	130.68 8.21 0.00	143.34 10.37 0.00	195.91 15.51 0.00	257.07 17.71 -9.33	249.72 13.90 -28.40	201.93 10.12 -33.60	172.56 7.53 -28.18	131.60 5.16 -14.19	101.71 2.77 -3.42	80.32 0.64 0.00
CHAFFEE___LFGE 323603	63.49 2.67 0.00	55.21 0.87 0.00	49.55 0.49 0.00	46.13 0.23 0.00	46.58 0.05 0.00	48.91 0.00 0.00	53.51 0.05 0.00	56.80 0.51 0.00	61.86 1.51 0.00	67.12 2.83 0.00	76.21 4.38 0.00	87.54 6.03 0.00	101.89 7.29 0.00	115.20 7.13 0.00	128.72 6.24 0.00	140.41 7.44 0.00	186.34 5.94 0.00	234.62 4.60 0.00	216.97 9.55 0.00	169.74 11.54 0.00	148.89 12.05 0.00	117.06 4.82 0.00	98.19 2.67 0.00	83.10 3.42 0.00
CHATEAUG_35_KV_LOAD 355732	62.23 0.55 -0.87	54.73 0.38 -0.01	49.36 0.29 0.00	46.31 0.41 0.00	47.00 0.47 0.00	49.30 0.39 0.00	54.20 0.75 0.00	56.97 0.68 0.00	61.01 0.66 0.00	65.00 0.71 0.00	72.69 0.86 0.00	82.24 0.73 0.00	94.32 -0.28 0.00	106.12 -1.95 0.00	119.04 -3.43 0.00	128.58 -4.39 0.00	174.62 -5.77 0.00	224.27 -5.75 0.00	202.03 -5.39 0.00	153.77 -4.43 0.00	133.43 -3.42 0.00	110.33 -1.91 0.00	95.52 0.00 0.00	82.55 1.27 -1.60
CHATEAUG_WT_PWR 323614	61.18 0.37 0.00	54.56 0.22 0.00	49.21 0.15 0.00	46.22 0.32 0.00	46.90 0.37 0.00	49.20 0.30 0.00	53.99 0.53 0.00	56.86 0.56 0.00	60.95 0.60 0.00	65.00 0.71 0.00	72.69 0.87 0.00	82.24 0.73 0.00	94.42 -0.19 0.00	106.12 -1.94 0.00	119.42 -3.06 0.00	128.84 -4.12 0.00	174.80 -5.59 0.00	224.28 -5.74 0.00	202.03 -5.39 0.00	153.61 -4.59 0.00	133.16 -3.69 0.00	110.22 -2.02 0.00	95.24 -0.29 0.00	81.30 0.96 -0.66
CHAT_HIGH_FALL_HYD 323578	62.23 0.55 -0.87	54.73 0.38 -0.01	49.36 0.29 0.00	46.31 0.41 0.00	47.00 0.47 0.00	49.30 0.39 0.00	54.20 0.75 0.00	56.97 0.68 0.00	61.01 0.66 0.00	65.00 0.71 0.00	72.69 0.86 0.00	82.24 0.73 0.00	94.32 -0.28 0.00	106.12 -1.95 0.00	119.04 -3.43 0.00	128.58 -4.39 0.00	174.62 -5.77 0.00	224.27 -5.75 0.00	202.03 -5.39 0.00	153.77 -4.43 0.00	133.43 -3.42 0.00	110.33 -1.91 0.00	95.52 0.00 0.00	82.55 1.27 -1.60
CHAUTAUQUA___LFGE 323629	63.68 2.86 0.00	55.26 0.92 0.00	49.61 0.54 0.00	46.17 0.28 0.00	46.67 0.14 0.00	49.10 0.20 0.00	53.83 0.38 0.00	57.36 1.07 0.00	62.34 1.99 0.00	67.76 3.47 0.00	77.07 5.24 0.00	88.43 6.92 0.00	102.94 8.33 0.00	116.50 8.43 0.00	129.94 7.47 0.00	141.74 8.77 0.00	188.15 7.75 0.00	236.92 6.89 0.00	219.04 11.61 0.00	171.64 13.44 0.00	150.66 13.82 0.00	118.52 6.28 0.00	99.35 3.82 0.00	83.82 4.14 0.00
CHERRYST_13_KV_LD 356241	61.79 0.97 0.00	55.43 1.09 0.00	50.39 1.32 0.00	47.14 1.24 0.00	47.74 1.21 0.00	50.18 1.27 0.00	55.11 1.66 0.00	57.92 1.63 0.00	62.46 2.11 0.00	66.48 2.19 0.00	74.06 2.23 0.00	84.12 2.61 0.00	98.20 3.60 0.00	114.23 6.16 0.00	131.41 8.94 0.00	144.14 11.17 0.00	196.99 16.60 0.00	258.45 19.09 -9.33	250.76 14.93 -28.40	202.72 10.92 -33.60	173.24 8.21 -28.18	132.04 5.61 -14.19	102.09 3.15 -3.42	80.56 0.88 0.00

CHESTROR_138KV_BK263 355645	61.24 0.43 0.00	54.88 0.54 0.00	49.75 0.69 0.00	46.49 0.60 0.00	47.09 0.56 0.00	49.54 0.64 0.00	54.31 0.86 0.00	57.14 0.84 0.00	61.38 1.03 0.00	65.26 0.96 0.00	72.69 0.86 0.00	82.41 0.90 0.00	96.22 1.61 0.00	111.52 3.46 0.00	127.98 5.51 0.00	140.01 7.05 0.00	190.86 10.46 0.00	250.63 11.96 -8.64	243.05 9.33 -26.29	196.11 6.80 -31.11	168.00 5.06 -26.09	129.08 3.70 -13.14	100.50 1.81 -3.16	79.84 0.16 0.00
CH_MIDHUDSON___DRP 24192	61.55 0.73 0.00	55.21 0.87 0.00	50.05 0.98 0.00	46.77 0.87 0.00	47.37 0.84 0.00	49.83 0.93 0.00	54.63 1.18 0.00	57.42 1.13 0.00	61.68 1.33 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.73 1.22 0.00	96.69 2.08 0.00	112.17 4.11 0.00	129.09 6.61 0.00	141.21 8.24 0.00	192.66 12.27 0.00	254.18 14.26 -9.89	248.72 11.20 -30.09	201.71 7.91 -35.61	172.73 6.02 -29.86	131.77 4.49 -15.04	101.63 2.48 -3.62	80.32 0.64 0.00
CH_MISC_IPPS 23765	61.61 0.79 0.00	55.26 0.92 0.00	50.05 0.98 0.00	46.72 0.83 0.00	47.37 0.84 0.00	49.83 0.93 0.00	54.69 1.23 0.00	57.48 1.18 0.00	61.68 1.33 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.73 1.22 0.00	96.88 2.27 0.00	112.17 4.11 0.00	128.96 6.49 0.00	141.35 8.38 0.00	193.02 12.62 0.00	254.64 14.94 -9.67	248.46 11.61 -29.42	201.08 8.06 -34.82	172.35 6.30 -29.20	131.66 4.71 -14.70	102.21 3.15 -3.54	80.88 1.20 0.00
CH_RES_BVR_FALLS 23983	60.51 -0.30 0.00	54.07 -0.27 0.00	48.82 -0.24 0.00	45.71 -0.18 0.00	46.35 -0.19 0.00	48.76 -0.15 0.00	53.35 -0.11 0.00	56.24 -0.06 0.00	60.35 0.00 0.00	64.36 0.06 0.00	71.97 0.14 0.00	81.10 -0.41 0.00	93.76 -0.85 0.00	106.55 -1.51 0.00	120.39 -2.08 0.00	130.31 -2.66 0.00	176.79 -3.61 0.00	225.89 -4.13 0.00	203.70 -3.73 0.00	155.19 -3.01 0.00	134.24 -2.60 0.00	110.44 -1.80 0.00	94.57 -0.96 0.00	79.76 0.08 0.00
CH_RES_NIAGARA 23895	61.12 0.30 0.00	53.14 -1.20 0.00	47.74 -1.32 0.00	44.47 -1.42 0.00	44.95 -1.58 0.00	47.10 -1.81 0.00	51.37 -2.08 0.00	54.43 -1.86 0.00	59.26 -1.09 0.00	64.42 0.13 0.00	72.98 1.15 0.00	83.71 2.20 0.00	97.16 2.55 0.00	108.93 0.86 0.00	122.35 -0.12 0.00	132.57 -0.40 0.00	174.98 -5.41 0.00	220.59 -9.43 0.00	203.90 -3.53 0.00	159.46 1.27 0.00	140.82 3.97 0.00	111.01 -1.23 0.00	93.52 -2.01 0.00	80.00 0.32 0.00
CH_RES_SYRACUSE 23985	60.88 0.06 0.00	54.12 -0.22 0.00	48.77 -0.29 0.00	45.53 -0.37 0.00	46.21 -0.32 0.00	48.61 -0.29 0.00	53.19 -0.27 0.00	56.12 -0.17 0.00	60.29 -0.06 0.00	64.48 0.19 0.00	72.26 0.43 0.00	81.76 0.25 0.00	94.89 0.28 0.00	108.72 0.65 0.00	123.21 0.74 0.00	134.16 1.19 0.00	181.48 1.09 0.00	231.65 1.62 0.00	210.54 3.12 0.00	161.53 3.33 0.00	140.00 3.15 0.00	113.13 0.89 0.00	95.52 0.00 0.00	79.68 0.00 0.00
CLINTON_WT_PWR 323605	61.18 0.37 0.00	54.56 0.22 0.00	49.21 0.15 0.00	46.22 0.32 0.00	46.90 0.37 0.00	49.20 0.30 0.00	53.99 0.53 0.00	56.86 0.56 0.00	60.95 0.60 0.00	65.00 0.71 0.00	72.69 0.87 0.00	82.24 0.73 0.00	94.42 -0.19 0.00	106.12 -1.94 0.00	119.42 -3.06 0.00	128.84 -4.12 0.00	174.80 -5.59 0.00	224.28 -5.74 0.00	202.03 -5.39 0.00	153.61 -4.59 0.00	133.16 -3.69 0.00	110.22 -2.02 0.00	95.24 -0.29 0.00	81.30 0.96 -0.66
CLINTON___LFGE 323618	61.79 0.97 0.00	55.04 0.70 0.00	49.61 0.54 0.00	46.72 0.83 0.00	47.41 0.88 0.00	49.59 0.68 0.00	54.52 1.07 0.00	57.36 1.07 0.00	61.49 1.14 0.00	65.51 1.22 0.00	73.27 1.44 0.00	82.89 1.38 0.00	94.89 0.28 0.00	106.66 -1.41 0.00	119.89 -2.58 0.00	129.51 -3.46 0.00	175.89 -4.50 0.00	226.34 -3.69 0.00	203.90 -3.53 0.00	155.04 -3.16 0.00	134.65 -2.19 0.00	111.23 -1.01 0.00	95.91 0.38 0.00	82.34 1.75 -0.91
COBBLENY_34_KV_TB1 80064	63.49 2.68 0.00	55.21 0.87 0.00	49.51 0.44 0.00	46.13 0.23 0.00	46.63 0.09 0.00	48.91 0.00 0.00	53.51 0.05 0.00	56.80 0.51 0.00	61.74 1.39 0.00	67.06 2.76 0.00	76.07 4.24 0.00	87.54 6.03 0.00	101.80 7.19 0.00	114.77 6.70 0.00	128.96 6.49 0.00	140.01 7.05 0.00	185.81 5.41 0.00	234.63 4.60 0.00	216.97 9.54 0.00	169.12 10.92 0.00	148.89 12.04 0.00	117.18 4.94 0.00	98.20 2.67 0.00	83.03 3.35 0.00
COFFEEN___115KV_TB3 355620	67.21 4.50 -1.89	57.89 3.53 -0.02	51.91 2.85 0.00	48.51 2.62 0.00	49.04 2.51 0.00	51.84 2.93 0.00	56.88 3.42 0.00	59.84 3.55 0.00	63.85 3.50 0.00	67.96 3.66 0.00	75.92 4.09 0.00	85.83 4.32 0.00	99.15 4.54 0.00	113.58 5.51 0.00	125.53 3.06 0.00	137.22 4.25 0.00	186.53 6.13 0.00	241.30 11.27 0.00	222.98 15.56 0.00	174.02 15.82 0.00	150.80 13.96 0.00	121.33 9.09 0.00	104.31 8.79 0.00	89.39 7.57 -2.14
COLDSPRG_115KV_BK1 355956	64.10 3.28 0.00	55.70 1.36 0.00	49.95 0.88 0.00	46.49 0.60 0.00	47.09 0.56 0.00	49.54 0.64 0.00	54.47 1.02 0.00	58.15 1.86 0.00	63.13 2.78 0.00	68.60 4.31 0.00	77.94 6.11 0.00	89.74 8.23 0.00	104.45 9.84 0.00	117.90 9.83 0.00	132.15 9.68 0.00	143.74 10.77 0.00	190.68 10.28 0.00	240.84 10.81 0.00	222.78 15.35 0.00	173.70 15.50 0.00	152.72 15.87 0.00	120.21 7.97 0.00	100.68 5.16 0.00	84.70 5.02 0.00
COLONIE_LFGE___ 323577	62.34 1.52 0.00	55.81 1.47 0.00	50.44 1.37 0.00	47.18 1.28 0.00	47.88 1.35 0.00	50.32 1.42 0.00	54.95 1.49 0.00	57.70 1.41 0.00	61.68 1.33 0.00	65.26 0.97 0.00	72.55 0.72 0.00	82.41 0.90 0.00	96.03 1.42 0.00	111.52 3.46 0.00	127.74 5.26 0.00	139.74 6.78 0.00	190.31 9.92 0.00	320.40 11.50 -78.88	457.37 9.96 -239.98	449.28 7.13 -283.96	381.03 6.01 -238.17	236.77 4.60 -119.93	127.54 3.15 -28.87	81.36 1.68 0.00
COOPERNY_115KV_TB1 80082	61.12 0.30 0.00	54.77 0.43 0.00	49.56 0.49 0.00	46.35 0.46 0.00	46.95 0.42 0.00	49.39 0.49 0.00	54.04 0.59 0.00	56.91 0.62 0.00	61.07 0.72 0.00	65.06 0.77 0.00	72.55 0.72 0.00	82.24 0.73 0.00	95.93 1.32 0.00	110.88 2.81 0.00	126.76 4.29 0.00	138.42 5.45 0.00	188.33 7.94 0.00	246.37 9.20 -7.14	236.62 7.47 -21.73	189.45 5.54 -25.71	162.65 4.24 -21.56	126.13 3.03 -10.86	99.57 1.43 -2.61	79.84 0.16 0.00
COPENHAGEN_WT_PWR 323753	66.13 3.53 -1.79	57.13 2.77 -0.02	51.27 2.21 0.00	47.91 2.02 0.00	48.44 1.91 0.00	51.16 2.25 0.00	56.13 2.67 0.00	59.05 2.76 0.00	63.13 2.78 0.00	67.19 2.90 0.00	75.07 3.24 0.00	84.93 3.42 0.00	98.20 3.59 0.00	112.50 4.43 0.00	124.55 2.08 0.00	135.89 2.92 0.00	184.72 4.32 0.00	238.29 8.27 0.00	219.87 12.44 0.00	170.86 12.66 0.00	147.93 11.08 0.00	119.09 6.85 0.00	102.49 6.97 0.00	87.84 6.14 -2.02
CORNELL_____ 23752	62.52 1.70 0.00	55.48 1.14 0.00	50.00 0.93 0.00	46.63 0.73 0.00	47.28 0.74 0.00	49.83 0.93 0.00	54.58 1.12 0.00	57.53 1.24 0.00	61.68 1.33 0.00	65.83 1.54 0.00	73.70 1.87 0.00	83.79 2.28 0.00	97.26 2.65 0.00	111.42 3.35 0.00	126.39 3.92 0.00	137.62 4.65 0.00	186.53 6.13 0.00	241.61 8.74 -2.85	226.87 10.79 -8.66	178.41 9.97 -10.24	154.61 9.17 -8.59	121.95 5.39 -4.33	99.91 3.34 -1.04	82.39 2.71 0.00

CORONA__69_KV_TB1 355595	62.58 1.76 0.00	55.64 1.30 0.00	50.24 1.18 0.00	46.81 0.92 0.00	47.37 0.84 0.00	49.93 1.03 0.00	54.90 1.44 0.00	57.14 0.84 0.00	61.68 1.33 0.00	65.77 1.48 0.00	71.74 1.22 1.31	81.18 1.63 1.96	96.27 2.65 0.99	112.89 5.08 0.26	132.49 7.84 -2.18	144.67 11.70 0.00	198.43 18.04 0.00	258.45 19.09 -9.34	251.39 15.56 -28.41	208.73 11.39 -39.14	176.85 7.66 -32.34	133.96 5.28 -16.45	99.05 2.20 -1.33	85.62 0.48 -5.46
CORTLAND__115KV_TB3 80093	61.79 0.97 0.00	54.94 0.60 0.00	49.51 0.44 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.35 0.44 0.00	54.04 0.59 0.00	56.97 0.68 0.00	61.13 0.78 0.00	65.26 0.96 0.00	73.12 1.29 0.00	82.98 1.47 0.00	96.50 1.89 0.00	110.66 2.59 0.00	125.53 3.06 0.00	136.56 3.59 0.00	184.90 4.51 0.00	236.01 5.98 0.00	214.89 7.47 0.00	165.16 6.96 0.00	143.28 6.43 0.00	115.83 3.59 0.00	97.53 2.01 0.00	81.35 1.67 0.00
COXSACKIE__GT 23611	64.10 3.28 0.00	57.27 2.93 0.00	51.66 2.60 0.00	48.14 2.25 0.00	48.90 2.37 0.00	51.50 2.59 0.00	56.34 2.88 0.00	58.83 2.54 0.00	62.28 1.93 0.00	65.45 1.16 0.00	72.47 0.65 0.00	82.08 0.57 0.00	95.93 1.32 0.00	110.99 2.92 0.00	127.62 5.14 0.00	139.74 6.78 0.00	190.85 10.46 0.00	254.07 14.27 -9.78	283.21 13.29 -62.49	260.19 9.65 -92.34	232.86 8.63 -87.39	173.61 6.62 -54.75	113.38 4.68 -13.18	83.18 3.50 0.00
CPV_VALLEY__CC1 323721	60.88 0.06 0.00	54.56 0.22 0.00	49.41 0.35 0.00	46.22 0.32 0.00	46.81 0.28 0.00	49.25 0.34 0.00	53.93 0.48 0.00	56.80 0.51 0.00	60.95 0.60 0.00	64.87 0.58 0.00	72.26 0.43 0.00	81.92 0.41 0.00	95.55 0.95 0.00	110.77 2.70 0.00	126.88 4.40 0.00	138.81 5.84 0.00	189.05 8.66 0.00	247.92 9.88 -8.02	239.27 7.46 -24.39	192.27 5.21 -28.85	165.02 3.97 -24.20	127.23 2.81 -12.19	99.51 1.05 -2.93	79.36 -0.32 0.00
CPV_VALLEY__CC2 323722	60.88 0.06 0.00	54.56 0.22 0.00	49.41 0.35 0.00	46.22 0.32 0.00	46.81 0.28 0.00	49.25 0.34 0.00	53.93 0.48 0.00	56.80 0.51 0.00	60.95 0.60 0.00	64.87 0.58 0.00	72.26 0.43 0.00	81.92 0.41 0.00	95.55 0.95 0.00	110.77 2.70 0.00	126.88 4.40 0.00	138.81 5.84 0.00	189.05 8.66 0.00	247.92 9.88 -8.02	239.27 7.46 -24.39	192.27 5.21 -28.85	165.02 3.97 -24.20	127.23 2.81 -12.19	99.51 1.05 -2.93	79.36 -0.32 0.00
CRESCENT__HYD 24018	62.34 1.52 0.00	55.81 1.47 0.00	50.44 1.37 0.00	47.18 1.28 0.00	47.88 1.35 0.00	50.32 1.42 0.00	54.95 1.49 0.00	57.70 1.41 0.00	61.68 1.33 0.00	65.26 0.97 0.00	72.55 0.72 0.00	82.41 0.90 0.00	96.03 1.42 0.00	111.52 3.46 0.00	127.74 5.26 0.00	139.74 6.78 0.00	190.31 9.92 0.00	320.40 11.50 -78.88	457.37 9.96 -239.98	449.28 7.13 -283.96	381.03 6.01 -238.17	236.77 4.60 -119.93	127.54 3.15 -28.87	81.36 1.68 0.00
CRICKET__VALLEY_CC1 323756	61.00 0.18 0.00	54.72 0.38 0.00	49.61 0.54 0.00	46.40 0.51 0.00	47.04 0.51 0.00	49.44 0.54 0.00	54.10 0.64 0.00	56.86 0.56 0.00	61.01 0.67 0.00	64.74 0.45 0.00	71.97 0.14 0.00	81.76 0.25 0.00	95.36 0.75 0.00	111.20 3.14 0.00	127.74 5.26 0.00	139.88 6.91 0.00	190.67 10.28 0.00	252.64 11.27 -11.35	250.45 8.51 -34.52	204.73 5.69 -40.84	175.35 4.25 -34.26	132.63 3.14 -17.25	101.01 1.34 -4.15	79.36 -0.32 0.00
CRICKET__VALLEY_CC2 323757	61.00 0.18 0.00	54.72 0.38 0.00	49.61 0.54 0.00	46.40 0.51 0.00	47.04 0.51 0.00	49.44 0.54 0.00	54.10 0.64 0.00	56.86 0.56 0.00	61.01 0.67 0.00	64.74 0.45 0.00	71.97 0.14 0.00	81.76 0.25 0.00	95.36 0.75 0.00	111.20 3.14 0.00	127.74 5.26 0.00	139.88 6.91 0.00	190.67 10.28 0.00	252.64 11.27 -11.35	250.45 8.51 -34.52	204.73 5.69 -40.84	175.35 4.25 -34.26	132.63 3.14 -17.25	101.01 1.34 -4.15	79.36 -0.32 0.00
CRICKET__VALLEY_CC3 323758	61.00 0.18 0.00	54.72 0.38 0.00	49.61 0.54 0.00	46.40 0.51 0.00	47.04 0.51 0.00	49.44 0.54 0.00	54.10 0.64 0.00	56.86 0.56 0.00	61.01 0.67 0.00	64.74 0.45 0.00	71.97 0.14 0.00	81.76 0.25 0.00	95.36 0.75 0.00	111.20 3.14 0.00	127.74 5.26 0.00	139.88 6.91 0.00	190.67 10.28 0.00	252.64 11.27 -11.35	250.45 8.51 -34.52	204.73 5.69 -40.84	175.35 4.25 -34.26	132.63 3.14 -17.25	101.01 1.34 -4.15	79.36 -0.32 0.00
CRUCIBLE__METL_DRP 24180	60.88 0.06 0.00	54.12 -0.22 0.00	48.77 -0.29 0.00	45.53 -0.37 0.00	46.21 -0.33 0.00	48.61 -0.29 0.00	53.19 -0.27 0.00	56.12 -0.17 0.00	60.29 -0.06 0.00	64.42 0.13 0.00	72.26 0.43 0.00	81.75 0.24 0.00	94.89 0.28 0.00	108.61 0.54 0.00	123.33 0.86 0.00	134.16 1.20 0.00	181.48 1.08 0.00	231.64 1.61 0.00	210.54 3.11 0.00	161.36 3.16 0.00	139.99 3.15 0.00	113.25 1.01 0.00	95.52 0.00 0.00	79.68 0.00 0.00
DAHOWA__HYDRO 323763	63.62 2.80 0.00	56.79 2.45 0.00	51.17 2.11 0.00	47.82 1.93 0.00	48.58 2.05 0.00	51.11 2.20 0.00	55.75 2.30 0.00	58.55 2.25 0.00	62.22 1.87 0.00	65.51 1.22 0.00	72.55 0.72 0.00	82.41 0.90 0.00	96.03 1.42 0.00	111.52 3.46 0.00	127.74 5.26 0.00	140.27 7.31 0.00	191.40 11.01 0.00	336.15 14.03 -92.09	500.48 12.87 -280.19	500.17 10.44 -331.53	424.09 9.17 -278.07	259.34 7.08 -140.02	134.58 5.35 -33.71	83.27 3.59 0.00
DANC__LFGE 323619	63.91 1.89 -1.21	55.71 1.36 -0.01	50.05 0.98 0.00	46.77 0.87 0.00	47.32 0.79 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.64 1.35 0.00	61.68 1.33 0.00	65.70 1.41 0.00	73.48 1.65 0.00	83.22 1.71 0.00	96.50 1.89 0.00	110.55 2.49 0.00	123.34 0.86 0.00	134.57 1.60 0.00	182.38 1.99 0.00	234.38 4.36 0.00	214.88 7.46 0.00	166.26 8.06 0.00	143.96 7.11 0.00	116.28 4.03 0.00	99.53 4.01 0.00	84.55 3.50 -1.36
DANSKAMMER__1 23586	61.61 0.79 0.00	55.26 0.92 0.00	50.05 0.98 0.00	46.72 0.83 0.00	47.37 0.84 0.00	49.83 0.93 0.00	54.69 1.23 0.00	57.48 1.18 0.00	61.68 1.33 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.73 1.22 0.00	96.88 2.27 0.00	112.17 4.11 0.00	128.96 6.49 0.00	141.35 8.38 0.00	193.02 12.62 0.00	254.64 14.94 -9.67	248.46 11.61 -29.42	201.08 8.06 -34.82	172.35 6.30 -29.20	131.66 4.71 -14.70	102.21 3.15 -3.54	80.88 1.20 0.00
DANSKAMMER__2 23589	61.61 0.79 0.00	55.26 0.92 0.00	50.05 0.98 0.00	46.72 0.83 0.00	47.37 0.84 0.00	49.83 0.93 0.00	54.69 1.23 0.00	57.48 1.18 0.00	61.68 1.33 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.73 1.22 0.00	96.88 2.27 0.00	112.17 4.11 0.00	128.96 6.49 0.00	141.35 8.38 0.00	193.02 12.62 0.00	254.64 14.94 -9.67	248.46 11.61 -29.42	201.08 8.06 -34.82	172.35 6.30 -29.20	131.66 4.71 -14.70	102.21 3.15 -3.54	80.88 1.20 0.00
DANSKAMMER__3 23590	61.61 0.79 0.00	55.26 0.92 0.00	50.05 0.98 0.00	46.72 0.83 0.00	47.37 0.84 0.00	49.83 0.93 0.00	54.69 1.23 0.00	57.48 1.18 0.00	61.68 1.33 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.73 1.22 0.00	96.88 2.27 0.00	112.17 4.11 0.00	128.96 6.49 0.00	141.35 8.38 0.00	193.02 12.62 0.00	254.64 14.94 -9.67	248.46 11.61 -29.42	201.08 8.06 -34.82	172.35 6.30 -29.20	131.66 4.71 -14.70	102.21 3.15 -3.54	80.88 1.20 0.00

DANSKAMMER___4 23591	61.61 0.79 0.00	55.26 0.92 0.00	50.05 0.98 0.00	46.72 0.83 0.00	47.37 0.84 0.00	49.83 0.93 0.00	54.69 1.23 0.00	57.48 1.18 0.00	61.68 1.33 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.73 1.22 0.00	96.88 2.27 0.00	112.17 4.11 0.00	128.96 6.49 0.00	141.35 8.38 0.00	193.02 12.62 0.00	254.64 14.94 -9.67	248.46 11.61 -29.42	201.08 8.06 -34.82	172.35 6.30 -29.20	131.66 4.71 -14.70	102.21 3.15 -3.54	80.88 1.20 0.00
DANSKAMMER___DIESEL 23592	61.61 0.79 0.00	55.26 0.92 0.00	50.05 0.98 0.00	46.72 0.83 0.00	47.37 0.84 0.00	49.83 0.93 0.00	54.68 1.23 0.00	57.47 1.18 0.00	61.68 1.33 0.00	65.58 1.29 0.00	72.91 1.08 0.00	82.73 1.22 0.00	96.88 2.27 0.00	112.17 4.11 0.00	129.09 6.61 0.00	141.48 8.51 0.00	193.20 12.81 0.00	254.65 14.95 -9.67	248.67 11.82 -29.42	201.24 8.23 -34.82	172.34 6.29 -29.20	131.66 4.71 -14.70	102.21 3.15 -3.54	80.88 1.20 0.00
DARBY___SOLAR 323810	63.31 2.49 0.00	56.52 2.18 0.00	51.03 1.96 0.00	47.64 1.74 0.00	48.40 1.86 0.00	50.86 1.96 0.00	55.54 2.08 0.00	58.32 2.02 0.00	62.04 1.69 0.00	65.38 1.09 0.00	72.40 0.57 0.00	82.16 0.65 0.00	95.84 1.23 0.00	111.20 3.14 0.00	127.38 4.90 0.00	139.74 6.78 0.00	190.67 10.28 0.00	333.62 13.10 -90.49	494.78 12.03 -275.33	493.63 9.65 -325.78	418.44 8.35 -273.24	256.23 6.39 -137.59	133.42 4.77 -33.13	82.78 3.10 0.00
DASHVILLE___HYD 23610	61.24 0.43 0.00	54.94 0.60 0.00	49.80 0.74 0.00	46.54 0.64 0.00	47.14 0.60 0.00	49.54 0.64 0.00	54.26 0.80 0.00	57.02 0.73 0.00	61.07 0.72 0.00	64.87 0.58 0.00	72.19 0.36 0.00	81.84 0.33 0.00	95.74 1.14 0.00	110.98 2.92 0.00	127.62 5.14 0.00	139.61 6.65 0.00	190.68 10.28 0.00	249.80 11.04 -8.73	250.17 8.30 -34.45	208.93 5.54 -45.20	181.26 4.11 -40.31	138.16 3.03 -22.89	102.18 1.15 -5.51	79.84 0.16 0.00
DELAWARE___LFGE 323621	61.91 1.09 0.00	55.54 1.20 0.00	50.14 1.08 0.00	46.95 1.06 0.00	47.60 1.07 0.00	49.98 1.08 0.00	54.58 1.12 0.00	57.47 1.18 0.00	61.56 1.21 0.00	65.58 1.29 0.00	73.27 1.44 0.00	83.14 1.63 0.00	96.88 2.27 0.00	111.63 3.57 0.00	127.00 4.53 0.00	138.28 5.32 0.00	187.61 7.22 0.00	251.99 8.74 -13.23	256.17 8.50 -40.24	212.78 6.96 -47.62	182.81 6.02 -39.94	136.62 4.27 -20.11	102.94 2.58 -4.84	81.19 1.51 0.00
DERFIELD_115KV_TB7 355931	60.76 -0.06 0.00	54.34 0.00 0.00	49.06 0.00 0.00	45.90 0.00 0.00	46.53 0.00 0.00	48.91 0.00 0.00	53.45 0.00 0.00	56.29 0.00 0.00	60.35 0.00 0.00	64.29 0.00 0.00	71.76 -0.07 0.00	81.43 -0.08 0.00	94.61 0.00 0.00	108.61 0.54 0.00	123.33 0.86 0.00	134.16 1.20 0.00	182.02 1.62 0.00	231.87 1.84 0.00	209.09 1.66 0.00	159.62 1.42 0.00	137.94 1.09 0.00	112.91 0.67 0.00	95.81 0.29 0.00	79.68 0.00 0.00
DOGLEVILLE___HYD 23807	60.21 -0.61 0.00	53.80 -0.54 0.00	48.57 -0.49 0.00	45.44 -0.46 0.00	46.07 -0.47 0.00	48.47 -0.44 0.00	53.08 -0.37 0.00	55.84 -0.45 0.00	59.81 -0.54 0.00	63.71 -0.58 0.00	71.11 -0.72 0.00	80.69 -0.82 0.00	93.85 -0.76 0.00	107.74 -0.32 0.00	122.35 -0.12 0.00	133.10 0.13 0.00	180.76 0.36 0.00	230.03 0.00 0.00	207.84 0.41 0.00	158.67 0.47 0.00	136.98 0.14 0.00	112.24 0.00 0.00	95.14 -0.38 0.00	79.04 -0.64 0.00
DUNKIRK___115KV_TB_200 55889	63.61 2.80 0.00	55.26 0.92 0.00	49.56 0.49 0.00	46.13 0.23 0.00	46.67 0.14 0.00	49.05 0.15 0.00	53.78 0.32 0.00	57.25 0.96 0.00	62.16 1.81 0.00	67.57 3.28 0.00	76.71 4.88 0.00	88.19 6.68 0.00	102.56 7.95 0.00	115.74 7.67 0.00	129.82 7.35 0.00	141.08 8.11 0.00	187.07 6.67 0.00	236.24 6.21 0.00	218.42 10.99 0.00	170.54 12.34 0.00	150.12 13.27 0.00	118.30 6.06 0.00	99.15 3.63 0.00	83.58 3.90 0.00
DUNKIRK___1 23563	63.61 2.80 0.00	55.26 0.92 0.00	49.56 0.49 0.00	46.13 0.23 0.00	46.67 0.14 0.00	49.05 0.15 0.00	53.78 0.32 0.00	57.25 0.96 0.00	62.16 1.81 0.00	67.57 3.28 0.00	76.71 4.88 0.00	88.19 6.68 0.00	102.56 7.95 0.00	115.74 7.67 0.00	129.82 7.35 0.00	141.08 8.11 0.00	187.07 6.67 0.00	236.24 6.21 0.00	218.42 10.99 0.00	170.54 12.34 0.00	150.12 13.27 0.00	118.30 6.06 0.00	99.15 3.63 0.00	83.58 3.90 0.00
DUNKIRK___2 23564	63.61 2.80 0.00	55.26 0.92 0.00	49.56 0.49 0.00	46.13 0.23 0.00	46.67 0.14 0.00	49.05 0.15 0.00	53.78 0.32 0.00	57.25 0.96 0.00	62.16 1.81 0.00	67.57 3.28 0.00	76.71 4.88 0.00	88.19 6.68 0.00	102.56 7.95 0.00	115.74 7.67 0.00	129.82 7.35 0.00	141.08 8.11 0.00	187.07 6.67 0.00	236.24 6.21 0.00	218.42 10.99 0.00	170.54 12.34 0.00	150.12 13.27 0.00	118.30 6.06 0.00	99.15 3.63 0.00	83.58 3.90 0.00
DUNKIRK___3 23565	63.31 2.49 0.00	55.05 0.71 0.00	49.41 0.34 0.00	45.99 0.09 0.00	46.53 0.00 0.00	48.86 -0.05 0.00	53.51 0.05 0.00	56.86 0.56 0.00	61.74 1.39 0.00	67.06 2.76 0.00	76.14 4.31 0.00	87.54 6.03 0.00	101.70 7.10 0.00	114.66 6.59 0.00	128.84 6.37 0.00	139.88 6.91 0.00	185.45 5.05 0.00	234.40 4.37 0.00	216.55 9.13 0.00	169.12 10.92 0.00	148.75 11.91 0.00	117.29 5.05 0.00	98.39 2.87 0.00	83.03 3.35 0.00
DUNKIRK___4 23566	63.31 2.49 0.00	55.05 0.71 0.00	49.41 0.34 0.00	45.99 0.09 0.00	46.53 0.00 0.00	48.86 -0.05 0.00	53.51 0.05 0.00	56.86 0.56 0.00	61.74 1.39 0.00	67.06 2.76 0.00	76.14 4.31 0.00	87.54 6.03 0.00	101.70 7.10 0.00	114.66 6.59 0.00	128.84 6.37 0.00	139.88 6.91 0.00	185.45 5.05 0.00	234.40 4.37 0.00	216.55 9.13 0.00	169.12 10.92 0.00	148.75 11.91 0.00	117.29 5.05 0.00	98.39 2.87 0.00	83.03 3.35 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	61.61 0.79 0.00	55.26 0.92 0.00	50.14 1.08 0.00	46.86 0.96 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.79 1.34 0.00	57.59 1.29 0.00	61.98 1.63 0.00	65.96 1.67 0.00	73.41 1.58 0.00	83.30 1.79 0.00	97.35 2.74 0.00	113.15 5.08 0.00	130.19 7.72 0.00	142.67 9.71 0.00	194.83 14.43 0.00	255.92 16.56 -9.33	248.89 13.07 -28.40	201.30 9.49 -33.60	172.15 7.12 -28.19	131.48 5.05 -14.19	101.52 2.58 -3.42	80.24 0.56 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	61.43 0.61 0.00	55.05 0.71 0.00	49.90 0.83 0.00	46.63 0.73 0.00	47.23 0.70 0.00	49.69 0.78 0.00	54.47 1.02 0.00	57.36 1.07 0.00	61.56 1.21 0.00	65.45 1.16 0.00	72.84 1.01 0.00	82.57 1.06 0.00	96.60 1.99 0.00	111.85 3.78 0.00	128.60 6.12 0.00	140.81 7.84 0.00	192.12 11.73 0.00	252.97 13.57 -9.37	246.52 10.58 -28.51	199.53 7.59 -33.74	170.89 5.75 -28.30	130.75 4.27 -14.25	101.34 2.39 -3.43	80.24 0.56 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	61.32 0.49 -0.02	55.01 0.65 -0.02	50.30 1.23 -0.01	47.28 1.38 -0.01	47.79 1.26 0.00	49.88 0.98 0.00	54.47 1.02 0.00	57.31 1.01 0.00	61.74 1.39 0.00	65.71 1.41 0.00	73.12 1.29 0.00	83.06 1.55 0.00	96.97 2.37 0.01	112.81 4.75 0.01	129.23 7.35 0.60	142.37 9.44 0.04	194.65 14.25 -0.01	255.47 16.10 -9.34	248.49 12.65 -28.41	200.83 9.02 -33.61	171.48 6.57 -28.06	130.91 4.49 -14.18	101.14 2.20 -3.43	79.83 0.16 0.01

E179THST_13_KV_LOAD 356214	61.68 0.85 -0.02	55.33 0.98 -0.02	50.59 1.52 -0.01	47.56 1.65 -0.01	48.02 1.49 0.00	50.13 1.22 0.00	54.79 1.34 0.00	57.64 1.35 0.00	62.16 1.81 0.00	66.16 1.86 0.00	73.63 1.80 0.00	83.63 2.12 0.00	97.72 3.12 0.01	113.68 5.62 0.01	130.20 8.33 0.60	143.43 10.50 0.04	196.10 15.69 -0.01	257.54 18.17 -9.34	250.15 14.31 -28.41	202.25 10.44 -33.61	172.71 7.80 -28.06	131.81 5.39 -14.18	101.91 2.96 -3.43	80.39 0.72 0.01
EAST HAMPTON___GT 23717	63.86 3.04 0.00	56.40 2.06 0.00	50.68 1.62 0.00	47.00 1.10 0.00	47.70 1.16 0.00	50.37 1.47 0.00	55.54 2.08 0.00	57.42 1.13 0.00	62.58 2.23 0.00	66.54 2.25 0.00	60.94 2.73 13.62	65.32 3.58 19.77	89.36 4.73 9.98	113.53 8.00 2.53	132.45 11.88 1.89	150.52 17.55 0.00	203.12 22.73 0.00	262.58 23.22 -9.34	254.90 19.07 -28.41	200.17 13.12 -28.84	172.00 10.54 -24.61	130.99 6.51 -12.24	79.64 2.39 18.27	65.42 1.11 15.38
EAST RIVER___6 23660	61.49 0.67 0.00	55.16 0.82 0.00	50.14 1.08 0.00	46.95 1.06 0.00	47.46 0.93 0.00	49.83 0.93 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	66.03 1.74 0.00	73.41 1.58 0.00	83.46 1.95 0.00	97.25 2.65 0.00	113.04 4.97 0.00	130.19 7.72 0.00	142.81 9.84 0.00	195.19 14.80 0.00	256.38 17.02 -9.33	248.69 12.87 -28.40	200.82 9.01 -33.60	171.87 6.84 -28.18	131.04 4.60 -14.19	101.42 2.48 -3.42	80.08 0.40 0.00
EAST RIVER___7 23524	61.49 0.67 0.00	55.16 0.82 0.00	50.14 1.08 0.00	46.95 1.06 0.00	47.46 0.93 0.00	49.83 0.93 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	66.03 1.74 0.00	73.41 1.58 0.00	83.46 1.95 0.00	97.25 2.65 0.00	113.04 4.97 0.00	130.19 7.72 0.00	142.81 9.84 0.00	195.19 14.80 0.00	256.38 17.02 -9.33	248.69 12.87 -28.40	200.82 9.01 -33.60	171.87 6.84 -28.18	131.04 4.60 -14.19	101.42 2.48 -3.42	80.08 0.40 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	61.55 0.73 0.00	55.15 0.82 0.00	50.05 0.98 0.00	46.81 0.92 0.00	47.42 0.88 0.00	49.83 0.93 0.00	54.68 1.23 0.00	57.53 1.24 0.00	61.86 1.51 0.00	65.83 1.54 0.00	73.34 1.51 0.00	83.22 1.71 0.00	97.16 2.55 0.00	112.93 4.86 0.00	129.82 7.35 0.00	142.27 9.31 0.00	194.28 13.89 0.00	255.21 15.87 -9.32	248.22 12.45 -28.35	200.76 9.02 -33.54	171.69 6.71 -28.13	131.12 4.71 -14.17	101.32 2.39 -3.41	80.16 0.48 0.00
EAST_HAMPTON___DIESEL 23722	63.80 2.98 0.00	56.35 2.01 0.00	50.63 1.57 0.00	46.95 1.06 0.00	47.65 1.11 0.00	50.32 1.42 0.00	55.49 2.03 0.00	57.42 1.13 0.00	62.52 2.17 0.00	66.48 2.19 0.00	60.87 2.66 13.62	65.24 3.50 19.77	89.26 4.63 9.98	113.42 7.88 2.53	132.34 11.76 1.89	150.38 17.41 0.00	202.94 22.55 0.00	262.36 23.00 -9.34	254.70 18.87 -28.41	200.02 12.98 -28.84	171.73 10.27 -24.61	130.76 6.28 -12.24	79.45 2.20 18.27	65.33 1.03 15.38
EAST_POINT___SOLAR 323840	66.05 5.23 0.00	58.74 4.40 0.00	52.94 3.88 0.00	49.43 3.53 0.00	50.30 3.77 0.00	53.01 4.11 0.00	57.25 3.80 0.00	58.43 2.14 0.00	60.83 0.48 0.00	63.77 -0.52 0.00	70.82 -1.01 0.00	79.88 -1.63 0.00	93.09 -1.52 0.00	107.85 -0.22 0.00	123.57 1.10 0.00	135.76 2.80 0.00	185.27 4.87 0.00	330.53 8.52 -91.99	499.96 12.65 -279.88	505.03 15.67 -331.16	430.34 15.73 -277.76	264.23 12.13 -139.87	138.65 9.46 -33.67	86.77 7.09 0.00
EAST_PULASKI___ESR 323781	61.64 0.18 -0.64	54.24 -0.11 -0.01	48.82 -0.24 0.00	45.62 -0.27 0.00	46.21 -0.32 0.00	48.71 -0.19 0.00	53.29 -0.16 0.00	56.18 -0.11 0.00	60.23 -0.12 0.00	64.23 -0.06 0.00	71.90 0.07 0.00	81.51 0.00 0.00	94.70 0.09 0.00	108.50 0.43 0.00	122.23 -0.24 0.00	133.10 0.13 0.00	180.03 -0.36 0.00	230.49 0.46 0.00	210.33 2.90 0.00	161.84 3.64 0.00	140.27 3.42 0.00	113.36 1.12 0.00	96.48 0.96 0.00	81.19 0.80 -0.72
EAST_RIVER___1 323558	61.55 0.73 0.00	55.26 0.92 0.00	50.24 1.18 0.00	47.00 1.10 0.00	47.55 1.02 0.00	50.03 1.13 0.00	54.90 1.44 0.00	57.70 1.41 0.00	62.10 1.75 0.00	66.16 1.87 0.00	73.55 1.72 0.00	83.63 2.12 0.00	97.64 3.03 0.00	113.57 5.51 0.00	130.55 8.08 0.00	143.34 10.38 0.00	195.72 15.32 0.00	257.07 17.71 -9.33	249.72 13.90 -28.40	201.78 9.97 -33.60	172.55 7.52 -28.18	131.60 5.17 -14.19	101.71 2.77 -3.42	80.31 0.63 0.00
EAST_RIVER___2 323559	61.49 0.67 0.00	55.16 0.82 0.00	50.14 1.08 0.00	46.95 1.06 0.00	47.46 0.93 0.00	49.83 0.93 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.92 1.57 0.00	66.03 1.74 0.00	73.41 1.58 0.00	83.46 1.95 0.00	97.25 2.65 0.00	113.04 4.97 0.00	130.19 7.72 0.00	142.81 9.84 0.00	195.19 14.80 0.00	256.38 17.02 -9.33	248.69 12.87 -28.40	200.82 9.01 -33.60	171.87 6.84 -28.18	131.04 4.60 -14.19	101.42 2.48 -3.42	80.08 0.40 0.00
EAST___DELAWARE_HYD 23607	61.61 0.79 0.00	55.16 0.82 0.00	49.90 0.83 0.00	46.63 0.73 0.00	47.18 0.65 0.00	49.69 0.78 0.00	54.52 1.07 0.00	57.36 1.07 0.00	61.56 1.21 0.00	65.38 1.09 0.00	72.76 0.93 0.00	82.57 1.06 0.00	96.60 1.99 0.00	111.85 3.78 0.00	128.23 5.76 0.00	140.54 7.58 0.00	191.95 11.56 0.00	252.28 14.27 -7.99	246.10 11.82 -26.86	199.79 8.38 -33.21	172.18 6.70 -28.63	132.32 4.82 -15.25	101.86 2.67 -3.67	80.64 0.96 0.00
EIGHT_POINT___WT_PWR 323820	63.13 2.31 0.00	55.16 0.82 0.00	49.61 0.54 0.00	46.22 0.32 0.00	46.81 0.28 0.00	49.39 0.49 0.00	54.10 0.64 0.00	57.14 0.85 0.00	61.49 1.14 0.00	66.22 1.93 0.00	74.92 3.09 0.00	85.83 4.32 0.00	99.53 4.92 0.00	112.93 4.87 0.00	126.64 4.17 0.00	138.15 5.18 0.00	184.91 4.51 0.00	237.72 5.29 -2.40	225.29 10.57 -7.29	179.49 12.66 -8.63	156.81 12.73 -7.24	121.94 6.06 -3.64	99.83 3.43 -0.88	83.50 3.82 0.00
ELBRIDGE_115KV_TB2 80188	60.63 -0.18 0.00	53.90 -0.43 0.00	48.57 -0.49 0.00	45.35 -0.55 0.00	45.97 -0.56 0.00	48.42 -0.49 0.00	52.92 -0.53 0.00	55.84 -0.45 0.00	59.99 -0.36 0.00	64.10 -0.19 0.00	71.90 0.07 0.00	81.67 0.16 0.00	94.80 0.19 0.00	108.50 0.43 0.00	123.09 0.61 0.00	133.90 0.93 0.00	181.12 0.72 0.00	231.18 1.15 0.00	210.12 2.70 0.00	161.21 3.01 0.00	139.99 3.15 0.00	113.14 0.90 0.00	95.52 0.00 0.00	79.60 -0.08 0.00
ELEC_TRO_TEK 24086	62.09 1.28 0.00	55.21 0.87 0.00	49.90 0.83 0.00	46.49 0.60 0.00	47.04 0.51 0.00	49.59 0.68 0.00	54.52 1.07 0.00	56.80 0.51 0.00	61.32 0.97 0.00	65.32 1.03 0.00	69.23 0.57 3.18	77.78 0.90 4.63	93.97 1.70 2.34	111.47 4.00 0.60	129.20 6.74 0.01	143.07 10.11 0.00	196.63 16.79 0.00	256.15 13.07 -9.34	248.90 13.07 -28.41	201.46 9.65 -33.61	171.20 6.16 -28.19	130.36 3.93 -14.19	95.13 1.24 1.64	78.66 -0.40 0.62
ELLENBURG_WT_PWR 323604	61.18 0.37 0.00	54.56 0.22 0.00	49.21 0.15 0.00	46.22 0.32 0.00	46.90 0.37 0.00	49.20 0.30 0.00	53.99 0.53 0.00	56.86 0.56 0.00	60.95 0.60 0.00	65.00 0.71 0.00	72.69 0.87 0.00	82.24 0.73 0.00	94.42 -0.19 0.00	106.12 -1.94 0.00	119.42 -3.06 0.00	128.84 -4.12 0.00	174.80 -5.59 0.00	224.28 -5.74 0.00	202.03 -5.39 0.00	153.61 -4.59 0.00	133.16 -3.69 0.00	110.22 -2.02 0.00	95.24 -0.29 0.00	81.30 0.96 -0.66

ELM_ST_23_KV_LD_REV_LBMP_A 345012	62.88 2.07 0.00	54.67 0.33 0.00	49.11 0.05 0.00	45.71 -0.18 0.00	46.21 -0.33 0.00	48.51 -0.39 0.00	52.97 -0.48 0.00	56.18 -0.11 0.00	61.13 0.78 0.00	66.41 2.12 0.00	75.28 3.45 0.00	86.56 5.05 0.00	100.47 5.87 0.00	113.15 5.08 0.00	127.13 4.65 0.00	137.89 4.92 0.00	182.56 2.16 0.00	230.49 0.46 0.00	213.03 5.60 0.00	166.43 8.23 0.00	146.56 9.72 0.00	115.50 3.25 0.00	96.95 1.43 0.00	82.15 2.47 0.00
EMPIRE_CC_1 323656	61.12 0.31 0.00	54.83 0.49 0.00	49.55 0.49 0.00	46.45 0.55 0.00	47.14 0.60 0.00	49.44 0.54 0.00	54.04 0.59 0.00	56.69 0.40 0.00	60.65 0.30 0.00	64.29 0.00 0.00	71.40 -0.43 0.00	81.02 -0.49 0.00	94.42 -0.19 0.00	109.79 1.72 0.00	125.78 3.31 0.00	137.35 4.38 0.00	186.88 6.48 0.00	262.70 7.14 -25.54	290.50 5.38 -77.69	253.60 3.48 -91.93	216.69 2.74 -77.10	153.19 2.13 -38.83	105.82 0.96 -9.35	79.44 -0.24 0.00
EMPIRE_CC_2 323658	61.12 0.31 0.00	54.83 0.49 0.00	49.55 0.49 0.00	46.45 0.55 0.00	47.14 0.60 0.00	49.44 0.54 0.00	54.04 0.59 0.00	56.69 0.40 0.00	60.65 0.30 0.00	64.29 0.00 0.00	71.40 -0.43 0.00	81.02 -0.49 0.00	94.42 -0.19 0.00	109.79 1.72 0.00	125.78 3.31 0.00	137.35 4.38 0.00	186.88 6.48 0.00	262.70 7.14 -25.54	290.50 5.38 -77.69	253.60 3.48 -91.93	216.69 2.74 -77.10	153.19 2.13 -38.83	105.82 0.96 -9.35	79.44 -0.24 0.00
ENORWICH_115KV_TB1 80156	65.50 4.68 0.00	58.14 3.80 0.00	52.30 3.24 0.00	48.88 2.98 0.00	49.56 3.02 0.00	52.33 3.42 0.00	57.46 4.01 0.00	60.68 4.39 0.00	64.76 4.41 0.00	68.98 4.69 0.00	77.22 5.39 0.00	87.79 6.28 0.00	102.08 7.47 0.00	117.58 9.51 0.00	133.13 10.66 0.00	145.73 12.76 0.00	198.07 17.68 0.00	260.72 24.61 -6.08	252.47 26.55 -18.50	203.03 22.94 -21.89	175.05 19.84 -18.36	134.73 13.24 -9.24	107.11 9.36 -2.23	87.25 7.57 0.00
ERIE_ST__34_KV_TB1-2 80199	63.49 2.68 0.00	55.15 0.82 0.00	49.51 0.44 0.00	46.08 0.18 0.00	46.63 0.09 0.00	48.95 0.05 0.00	53.56 0.11 0.00	56.86 0.56 0.00	61.86 1.51 0.00	67.18 2.89 0.00	76.36 4.53 0.00	87.87 6.36 0.00	102.27 7.66 0.00	115.41 7.35 0.00	129.58 7.10 0.00	140.94 7.98 0.00	187.07 6.67 0.00	236.24 6.21 0.00	218.21 10.79 0.00	170.06 11.86 0.00	149.30 12.45 0.00	117.52 5.28 0.00	98.48 2.96 0.00	83.11 3.43 0.00
ERIE_WT_PWR 323693	63.31 2.49 0.00	55.04 0.70 0.00	49.41 0.35 0.00	46.03 0.14 0.00	46.44 -0.09 0.00	48.81 -0.10 0.00	53.35 -0.11 0.00	56.58 0.28 0.00	61.62 1.27 0.00	66.87 2.57 0.00	75.92 4.09 0.00	87.13 5.62 0.00	101.33 6.72 0.00	114.55 6.48 0.00	127.86 5.38 0.00	139.48 6.51 0.00	184.91 4.51 0.00	232.80 2.77 0.00	215.31 7.88 0.00	168.64 10.44 0.00	147.93 11.08 0.00	116.50 4.26 0.00	97.81 2.29 0.00	82.78 3.10 0.00
ESPRGFLD_115KV_TB1 80157	64.41 3.59 0.00	57.49 3.15 0.00	51.81 2.75 0.00	48.42 2.52 0.00	49.18 2.65 0.00	51.79 2.89 0.00	56.50 3.05 0.00	59.16 2.87 0.00	62.82 2.47 0.00	66.54 2.25 0.00	74.27 2.44 0.00	84.28 2.77 0.00	98.20 3.60 0.00	113.15 5.08 0.00	128.72 6.25 0.00	140.54 7.58 0.00	191.04 10.64 0.00	310.72 14.72 -65.98	424.13 15.97 -200.73	409.95 14.24 -237.51	348.92 12.86 -199.21	222.09 9.54 -100.31	126.65 6.97 -24.15	84.86 5.18 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	62.40 1.58 0.00	55.37 1.03 0.00	49.90 0.83 0.00	46.58 0.69 0.00	47.23 0.70 0.00	49.74 0.83 0.00	54.47 1.02 0.00	57.42 1.13 0.00	61.56 1.21 0.00	65.71 1.41 0.00	73.55 1.72 0.00	83.63 2.12 0.00	97.16 2.55 0.00	111.31 3.24 0.00	126.15 3.67 0.00	137.49 4.52 0.00	186.17 5.77 0.00	241.16 8.28 -2.85	226.27 10.16 -8.68	177.96 9.49 -10.27	154.22 8.76 -8.62	121.63 5.05 -4.34	99.72 3.15 -1.04	82.23 2.55 0.00
ETNA____115KV_TB2 80207	62.40 1.58 0.00	55.37 1.03 0.00	49.90 0.83 0.00	46.58 0.69 0.00	47.23 0.70 0.00	49.74 0.83 0.00	54.47 1.02 0.00	57.42 1.13 0.00	61.56 1.21 0.00	65.71 1.41 0.00	73.55 1.72 0.00	83.63 2.12 0.00	97.16 2.55 0.00	111.31 3.24 0.00	126.15 3.67 0.00	137.49 4.52 0.00	186.17 5.77 0.00	241.16 8.28 -2.85	226.27 10.16 -8.68	177.96 9.49 -10.27	154.22 8.76 -8.62	121.63 5.05 -4.34	99.72 3.15 -1.04	82.23 2.55 0.00
EUCLID____115KV_TB2 356179	60.15 -0.67 0.00	53.52 -0.82 0.00	48.23 -0.83 0.00	45.02 -0.87 0.00	45.65 -0.88 0.00	48.07 -0.83 0.00	52.55 -0.91 0.00	55.45 -0.84 0.00	59.63 -0.72 0.00	63.71 -0.58 0.00	71.40 -0.43 0.00	81.10 -0.41 0.00	94.32 -0.28 0.00	107.96 -0.11 0.00	122.47 0.00 0.00	133.10 0.13 0.00	180.03 -0.36 0.00	229.80 -0.23 0.00	208.46 1.04 0.00	159.78 1.58 0.00	138.49 1.64 0.00	112.24 0.00 0.00	94.76 -0.76 0.00	78.96 -0.72 0.00
E_CANADA_CAP_HY 24051	65.62 4.80 0.00	58.47 4.13 0.00	52.70 3.63 0.00	49.20 3.31 0.00	50.02 3.49 0.00	52.72 3.82 0.00	57.35 3.90 0.00	59.56 3.26 0.00	62.70 2.35 0.00	65.90 1.61 0.00	73.27 1.44 0.00	82.89 1.38 0.00	96.60 1.99 0.00	111.63 3.56 0.00	127.50 5.02 0.00	139.88 6.91 0.00	190.13 9.73 0.00	330.04 14.50 -85.52	484.40 16.79 -260.18	481.87 15.82 -307.85	409.71 14.65 -258.21	253.71 11.45 -130.02	135.61 8.78 -31.30	86.29 6.61 0.00
E_CANADA_MHWK_HY 24050	60.21 -0.61 0.00	53.80 -0.54 0.00	48.57 -0.49 0.00	45.44 -0.46 0.00	46.07 -0.47 0.00	48.46 -0.44 0.00	53.08 -0.37 0.00	55.84 -0.45 0.00	59.81 -0.54 0.00	63.65 -0.64 0.00	71.11 -0.72 0.00	80.69 -0.82 0.00	93.85 -0.76 0.00	107.74 -0.32 0.00	122.35 -0.12 0.00	133.10 0.13 0.00	180.76 0.36 0.00	230.03 0.00 0.00	207.84 0.42 0.00	158.68 0.48 0.00	136.98 0.14 0.00	112.24 0.00 0.00	95.14 -0.38 0.00	79.04 -0.64 0.00
E_FISHKILL__LBMP 23776	61.30 0.49 0.00	54.99 0.65 0.00	49.85 0.79 0.00	46.63 0.73 0.00	47.23 0.70 0.00	49.64 0.73 0.00	54.36 0.91 0.00	57.19 0.90 0.00	61.44 1.09 0.00	65.32 1.03 0.00	72.69 0.86 0.00	82.41 0.90 0.00	96.22 1.61 0.00	111.85 3.78 0.00	128.47 6.00 0.00	140.68 7.71 0.00	191.76 11.36 0.00	252.17 12.65 -9.50	246.07 9.75 -28.89	199.35 6.96 -34.18	170.72 5.20 -28.67	130.49 3.82 -14.44	100.81 1.81 -3.48	79.76 0.08 0.00
FALCON__SEABRD_CC1 323796	61.12 0.31 0.00	54.50 0.16 0.00	49.16 0.10 0.00	46.40 0.51 0.00	47.09 0.56 0.00	49.15 0.25 0.00	53.99 0.53 0.00	56.86 0.56 0.00	60.95 0.60 0.00	64.93 0.64 0.00	72.69 0.87 0.00	82.24 0.73 0.00	94.14 -0.47 0.00	105.91 -2.16 0.00	119.04 -3.43 0.00	128.58 -4.38 0.00	174.45 -5.95 0.00	224.28 -5.74 0.00	201.84 -5.59 0.00	153.46 -4.74 0.00	133.16 -3.69 0.00	110.10 -2.14 0.00	95.05 -0.48 0.00	81.42 0.96 -0.78
FALCON__SEABRD_CC2 323797	61.12 0.31 0.00	54.50 0.16 0.00	49.16 0.10 0.00	46.40 0.51 0.00	47.09 0.56 0.00	49.15 0.25 0.00	53.99 0.53 0.00	56.86 0.56 0.00	60.95 0.60 0.00	64.93 0.64 0.00	72.69 0.87 0.00	82.24 0.73 0.00	94.14 -0.47 0.00	105.91 -2.16 0.00	119.04 -3.43 0.00	128.58 -4.38 0.00	174.45 -5.95 0.00	224.28 -5.74 0.00	201.84 -5.59 0.00	153.46 -4.74 0.00	133.16 -3.69 0.00	110.10 -2.14 0.00	95.05 -0.48 0.00	81.42 0.96 -0.78

FAR ROCKAWAY___4 23548	63.25 2.43 0.00	56.13 1.79 0.00	50.63 1.57 0.00	47.14 1.24 0.00	47.74 1.21 0.00	50.32 1.42 0.00	55.33 1.87 0.00	57.53 1.24 0.00	62.16 1.81 0.00	66.35 2.06 0.00	72.39 1.94 1.38	82.07 2.61 2.05	97.36 3.78 1.04	114.28 6.48 0.27	134.51 9.68 -2.36	146.66 13.70 0.00	200.78 20.38 0.00	261.44 22.08 -9.34	253.88 18.05 -28.41	211.08 13.29 -39.59	178.69 9.17 -32.67	135.60 6.73 -16.63	100.09 3.34 -1.23	86.98 1.43 -5.86
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	61.55 0.73 0.00	55.26 0.92 0.00	50.24 1.18 0.00	47.00 1.10 0.00	47.60 1.07 0.00	50.03 1.12 0.00	54.90 1.44 0.00	57.70 1.41 0.00	62.16 1.81 0.00	66.16 1.86 0.00	73.63 1.80 0.00	83.63 2.12 0.00	97.64 3.03 0.00	113.58 5.51 0.00	130.68 8.21 0.00	143.34 10.37 0.00	195.91 15.51 0.00	257.30 17.94 -9.33	249.93 14.10 -28.40	202.09 10.28 -33.60	172.69 7.66 -28.18	131.71 5.28 -14.19	101.71 2.77 -3.42	80.32 0.64 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	61.61 0.79 0.00	55.26 0.92 0.00	50.24 1.18 0.00	47.00 1.10 0.00	47.60 1.07 0.00	50.03 1.12 0.00	54.90 1.44 0.00	57.70 1.41 0.00	62.16 1.81 0.00	66.16 1.86 0.00	73.63 1.80 0.00	83.63 2.12 0.00	97.64 3.03 0.00	113.58 5.51 0.00	130.68 8.21 0.00	143.34 10.37 0.00	195.91 15.51 0.00	257.30 17.94 -9.33	249.93 14.10 -28.40	202.09 10.28 -33.60	172.69 7.66 -28.18	131.71 5.28 -14.19	101.80 2.87 -3.42	80.32 0.64 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	61.55 0.73 0.00	55.21 0.87 0.00	50.24 1.18 0.00	47.00 1.10 0.00	47.56 1.02 0.00	50.03 1.12 0.00	54.90 1.44 0.00	57.70 1.41 0.00	62.10 1.75 0.00	66.09 1.80 0.00	73.55 1.72 0.00	83.55 2.04 0.00	97.54 2.93 0.00	113.47 5.40 0.00	130.56 8.08 0.00	143.20 10.24 0.00	195.73 15.33 0.00	257.07 17.71 -9.33	249.52 13.69 -28.40	201.77 9.97 -33.60	172.42 7.39 -28.18	131.48 5.05 -14.19	101.61 2.67 -3.42	80.24 0.56 0.00
FARRAGUT___LBMP 323566	61.49 0.67 0.00	55.15 0.82 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.51 0.98 0.00	49.98 1.08 0.00	54.84 1.39 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	130.43 7.96 0.00	143.07 10.11 0.00	195.55 15.15 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.60	172.28 7.25 -28.18	131.37 4.94 -14.19	101.52 2.58 -3.42	80.16 0.48 0.00
FENNER___WINDPWR 24204	62.64 1.46 -0.37	55.43 1.09 0.00	49.95 0.88 0.00	46.63 0.73 0.00	47.27 0.74 0.00	49.79 0.88 0.00	54.52 1.07 0.00	57.53 1.24 0.00	61.74 1.39 0.00	65.83 1.54 0.00	73.69 1.86 0.00	83.14 1.63 0.00	96.60 1.99 0.00	110.99 2.92 0.00	125.65 3.18 0.00	136.95 3.99 0.00	185.44 5.04 0.00	236.92 6.89 0.00	215.51 8.08 0.00	165.48 7.28 0.00	143.14 6.30 0.00	115.94 3.70 0.00	98.00 2.48 0.00	82.57 2.47 -0.42
FIBERTEK___ENERGY 23856	60.88 0.06 0.00	54.12 -0.22 0.00	48.77 -0.29 0.00	45.53 -0.37 0.00	46.21 -0.33 0.00	48.61 -0.29 0.00	53.19 -0.27 0.00	56.12 -0.17 0.00	60.29 -0.06 0.00	64.42 0.13 0.00	72.26 0.43 0.00	81.75 0.24 0.00	94.89 0.28 0.00	108.61 0.54 0.00	123.33 0.86 0.00	134.16 1.20 0.00	181.48 1.08 0.00	231.64 1.61 0.00	210.54 3.11 0.00	161.36 3.16 0.00	139.99 3.15 0.00	113.25 1.01 0.00	95.52 0.00 0.00	79.68 0.00 0.00
FITZPATRICK___ 23598	59.18 -1.64 0.00	52.71 -1.63 0.00	47.54 -1.52 0.00	44.43 -1.47 0.00	45.04 -1.49 0.00	47.39 -1.52 0.00	51.80 -1.66 0.00	54.61 -1.69 0.00	58.66 -1.69 0.00	62.62 -1.67 0.00	70.11 -1.72 0.00	79.64 -1.87 0.00	92.53 -2.08 0.00	105.91 -2.16 0.00	120.02 -2.45 0.00	130.44 -2.53 0.00	176.60 -3.80 0.00	225.18 -4.84 0.00	204.10 -3.33 0.00	156.31 -1.89 0.00	135.34 -1.50 0.00	110.00 -2.24 0.00	93.14 -2.38 0.00	77.69 -1.99 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	61.85 1.03 0.00	55.43 1.09 0.00	50.19 1.13 0.00	46.86 0.96 0.00	47.51 0.98 0.00	50.03 1.12 0.00	54.84 1.39 0.00	57.70 1.41 0.00	61.92 1.57 0.00	65.77 1.48 0.00	73.12 1.29 0.00	82.98 1.47 0.00	97.26 2.65 0.00	112.61 4.54 0.00	129.70 7.23 0.00	142.01 9.04 0.00	193.92 13.53 0.00	255.80 16.10 -9.67	249.51 12.65 -29.43	201.88 8.86 -34.82	172.89 6.84 -29.20	132.11 5.16 -14.71	102.41 3.34 -3.54	81.03 1.35 0.00
FORT ORANGE___ 23900	62.03 1.22 0.00	55.59 1.25 0.00	50.24 1.18 0.00	47.00 1.10 0.00	47.65 1.11 0.00	50.08 1.17 0.00	54.69 1.23 0.00	57.02 0.73 0.00	60.89 0.54 0.00	64.48 0.19 0.00	71.69 -0.14 0.00	81.19 -0.32 0.00	94.51 -0.09 0.00	109.58 1.51 0.00	125.41 2.93 0.00	137.09 4.13 0.00	186.53 6.14 0.00	282.41 7.14 -45.25	356.15 5.80 -142.92	334.22 3.96 -172.06	286.04 3.28 -145.91	189.80 2.36 -75.20	114.96 1.34 -18.11	80.16 0.48 0.00
FORT_DRUM_COGEN 23780	66.22 1.70 -3.70	55.68 1.30 -0.04	50.05 0.98 0.00	46.86 0.96 0.00	47.46 0.93 0.00	50.13 1.22 0.00	55.11 1.66 0.00	58.09 1.80 0.00	62.46 2.11 0.00	66.41 2.12 0.00	74.20 2.37 0.00	83.79 2.28 0.00	96.41 1.80 0.00	109.90 1.84 0.00	121.74 -0.73 0.00	132.43 -0.53 0.00	179.13 -1.26 0.00	230.26 0.23 0.00	210.54 3.11 0.00	162.31 4.11 0.00	139.45 2.60 0.00	113.36 1.12 0.00	98.39 2.87 0.00	87.13 3.27 -4.18
FOX_HILLS___ESR 323835	52.15 0.30 8.98	51.01 0.22 3.55	50.05 0.98 0.00	47.18 1.29 0.00	47.70 1.16 0.00	49.74 0.83 0.00	50.85 0.64 3.24	51.02 0.56 5.84	52.59 1.03 8.79	53.47 1.16 11.97	54.73 1.08 18.18	55.44 1.39 27.45	55.24 2.27 41.64	65.55 4.75 47.27	98.79 7.23 30.90	98.75 9.44 43.66	145.70 14.07 48.76	204.12 16.10 42.01	197.43 12.65 22.65	133.88 9.18 33.49	82.40 6.71 61.15	57.65 4.60 59.19	54.53 2.29 43.28	52.10 -0.08 27.50
FPL_FAR_ROCK_GT1 24212	63.25 2.44 0.00	56.13 1.79 0.00	50.63 1.57 0.00	47.14 1.24 0.00	47.74 1.21 0.00	50.32 1.42 0.00	55.32 1.87 0.00	57.53 1.24 0.00	62.16 1.81 0.00	66.09 1.80 0.00	72.46 2.01 1.38	82.07 2.61 2.05	97.36 3.79 1.04	114.28 6.48 0.27	134.39 9.56 -2.36	146.67 13.70 0.00	200.24 19.84 0.00	261.45 22.08 -9.34	253.87 18.04 -28.41	210.45 12.66 -39.59	178.69 9.17 -32.67	135.60 6.73 -16.63	100.29 3.54 -1.23	86.98 1.44 -5.86
FPL_FAR_ROCK_GT2 23815	63.25 2.44 0.00	56.13 1.79 0.00	50.63 1.57 0.00	47.14 1.24 0.00	47.74 1.21 0.00	50.32 1.42 0.00	55.32 1.87 0.00	57.53 1.24 0.00	62.16 1.81 0.00	66.09 1.80 0.00	72.46 2.01 1.38	82.07 2.61 2.05	97.36 3.79 1.04	114.28 6.48 0.27	134.39 9.56 -2.36	146.67 13.70 0.00	200.24 19.84 0.00	261.45 22.08 -9.34	253.87 18.04 -28.41	210.45 12.66 -39.59	178.69 9.17 -32.67	135.60 6.73 -16.63	100.29 3.54 -1.23	86.98 1.44 -5.86
FRANKLIN_FALL_HYD 24054	65.58 1.76 -3.00	55.78 1.41 -0.03	50.19 1.13 0.00	47.09 1.19 0.00	47.74 1.21 0.00	50.13 1.22 0.00	55.11 1.66 0.00	58.04 1.75 0.00	62.16 1.81 0.00	66.22 1.93 0.00	74.06 2.23 0.00	83.63 2.12 0.00	95.27 0.66 0.00	106.99 -1.08 0.00	119.90 -2.57 0.00	129.64 -3.32 0.00	175.88 -4.51 0.00	226.58 -3.45 0.00	204.11 -3.32 0.00	155.35 -2.85 0.00	134.93 -1.92 0.00	111.23 -1.01 0.00	96.57 1.05 0.00	86.16 2.63 -3.85

FREEPORT_EQUS_GT1 23764	62.52 1.70 0.00	55.48 1.14 0.00	50.10 1.03 0.00	46.59 0.69 0.00	47.18 0.65 0.00	49.74 0.83 0.00	54.74 1.28 0.00	56.91 0.62 0.00	61.49 1.14 0.00	65.32 1.03 0.00	65.25 0.93 7.51	71.58 0.98 10.91	90.52 1.42 5.51	110.39 3.78 1.45	129.08 6.61 0.01	143.47 10.50 0.00	196.81 16.41 0.00	257.08 17.71 -9.34	249.73 13.90 -28.41	201.46 9.65 -33.61	171.47 6.43 -28.19	130.92 4.49 -14.19	88.51 1.52 8.53	73.65 0.08 6.11
FREEPORT___CT2 23818	62.52 1.70 0.00	55.48 1.14 0.00	50.10 1.03 0.00	46.59 0.69 0.00	47.18 0.65 0.00	49.74 0.83 0.00	54.74 1.28 0.00	56.91 0.62 0.00	61.49 1.14 0.00	65.32 1.03 0.00	65.25 0.93 7.51	71.58 0.98 10.91	90.52 1.42 5.51	110.39 3.78 1.45	129.08 6.61 0.01	143.47 10.50 0.00	196.81 16.41 0.00	257.08 17.71 -9.34	249.73 13.90 -28.41	201.46 9.65 -33.61	171.47 6.43 -28.19	130.92 4.49 -14.19	88.51 1.52 8.53	73.65 0.08 6.11
FRESHKLS_33_KV_LOAD 356253	52.02 0.18 8.98	50.90 0.11 3.55	50.05 0.98 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.74 0.83 0.00	50.80 0.59 3.24	50.91 0.45 5.84	52.46 0.91 8.79	53.35 1.03 11.97	54.58 0.93 18.18	55.28 1.22 27.45	55.14 2.18 41.64	65.33 4.54 47.27	98.55 7.10 31.03	98.59 9.31 43.68	145.70 14.07 48.76	204.35 16.33 42.01	197.43 12.65 22.65	133.88 9.18 33.49	82.50 6.84 61.19	57.65 4.60 59.19	54.44 2.20 43.28	52.02 -0.16 27.50
FULTON COGEN____ 23766	60.09 -0.73 0.00	53.47 -0.87 0.00	48.18 -0.88 0.00	45.02 -0.87 0.00	45.65 -0.88 0.00	48.03 -0.88 0.00	52.55 -0.91 0.00	55.39 -0.90 0.00	59.51 -0.84 0.00	63.52 -0.77 0.00	71.18 -0.65 0.00	80.94 -0.57 0.00	94.04 -0.57 0.00	107.74 -0.32 0.00	122.23 -0.24 0.00	132.83 -0.13 0.00	179.85 -0.54 0.00	229.57 -0.46 0.00	208.46 1.04 0.00	159.78 1.58 0.00	138.49 1.64 0.00	112.24 0.00 0.00	94.85 -0.67 0.00	78.96 -0.72 0.00
FULTON___LFGE 323630	65.38 4.56 0.00	58.20 3.86 0.00	52.45 3.38 0.00	48.97 3.08 0.00	49.84 3.30 0.00	52.47 3.57 0.00	57.14 3.69 0.00	59.33 3.04 0.00	62.28 1.93 0.00	65.13 0.83 0.00	72.05 0.22 0.00	81.43 -0.08 0.00	94.80 0.19 0.00	109.69 1.62 0.00	125.54 3.06 0.00	138.15 5.18 0.00	188.87 8.48 0.00	337.45 13.80 -93.62	508.45 16.19 -284.84	510.27 15.04 -337.03	433.35 13.82 -282.68	265.13 10.55 -142.34	138.01 8.22 -34.27	85.82 6.14 0.00
G.F.CEMENT___DRP 24184	63.98 3.16 0.00	57.00 2.66 0.00	51.37 2.31 0.00	47.92 2.02 0.00	48.72 2.19 0.00	51.25 2.35 0.00	55.97 2.51 0.00	58.83 2.53 0.00	62.46 2.11 0.00	65.77 1.48 0.00	72.62 0.79 0.00	82.49 0.98 0.00	96.22 1.61 0.00	111.52 3.46 0.00	127.98 5.51 0.00	140.68 7.71 0.00	192.12 11.73 0.00	340.03 15.18 -94.82	510.03 14.10 -288.50	511.26 11.71 -341.36	433.42 10.26 -286.31	264.27 7.86 -144.17	136.25 6.02 -34.71	83.90 4.22 0.00
GARDENVILLE___LBMP 24039	63.07 2.25 0.00	54.83 0.49 0.00	49.21 0.15 0.00	45.80 -0.09 0.00	46.35 -0.19 0.00	48.61 -0.29 0.00	53.13 -0.32 0.00	56.35 0.06 0.00	61.26 0.91 0.00	66.54 2.25 0.00	75.49 3.66 0.00	86.73 5.22 0.00	100.76 6.15 0.00	113.58 5.51 0.00	127.49 5.02 0.00	138.42 5.45 0.00	183.46 3.07 0.00	231.64 1.61 0.00	214.06 6.64 0.00	167.22 9.02 0.00	147.25 10.40 0.00	115.94 3.70 0.00	97.34 1.81 0.00	82.39 2.71 0.00
GARDNVLA_35_KV_LD 355827	63.43 2.62 0.00	55.10 0.76 0.00	49.46 0.39 0.00	46.08 0.18 0.00	46.58 0.05 0.00	48.86 -0.05 0.00	53.40 -0.05 0.00	56.69 0.39 0.00	61.62 1.27 0.00	66.99 2.70 0.00	76.00 4.17 0.00	87.46 5.95 0.00	101.61 7.00 0.00	114.55 6.48 0.00	128.72 6.25 0.00	139.75 6.78 0.00	185.08 4.69 0.00	233.71 3.68 0.00	216.14 8.71 0.00	168.64 10.44 0.00	148.48 11.63 0.00	116.84 4.60 0.00	98.10 2.58 0.00	82.95 3.27 0.00
GELCKHM___115KV_LOAD 80723	60.45 -0.36 0.00	53.74 -0.60 0.00	48.43 -0.64 0.00	45.21 -0.69 0.00	45.88 -0.65 0.00	48.27 -0.64 0.00	52.81 -0.64 0.00	55.73 -0.56 0.00	59.87 -0.48 0.00	63.97 -0.32 0.00	71.69 -0.14 0.00	81.35 -0.16 0.00	94.51 -0.09 0.00	108.17 0.11 0.00	122.72 0.24 0.00	133.50 0.53 0.00	180.57 0.18 0.00	230.49 0.46 0.00	209.29 1.87 0.00	160.41 2.21 0.00	139.04 2.19 0.00	112.58 0.34 0.00	95.04 -0.48 0.00	79.20 -0.48 0.00
GENERAL___MILLS 23808	63.25 2.43 0.00	54.99 0.65 0.00	49.36 0.29 0.00	45.94 0.05 0.00	46.49 -0.05 0.00	48.76 -0.15 0.00	53.29 -0.16 0.00	56.52 0.23 0.00	61.50 1.15 0.00	66.73 2.44 0.00	75.78 3.95 0.00	87.13 5.62 0.00	101.23 6.62 0.00	114.01 5.94 0.00	128.11 5.63 0.00	139.08 6.12 0.00	184.18 3.79 0.00	232.79 2.76 0.00	215.10 7.67 0.00	167.85 9.65 0.00	147.79 10.95 0.00	116.39 4.15 0.00	97.72 2.20 0.00	82.71 3.03 0.00
GE_PLASTICS___DRP 24183	60.94 0.12 0.00	54.72 0.38 0.00	49.46 0.39 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.30 0.39 0.00	53.83 0.37 0.00	56.52 0.23 0.00	60.41 0.06 0.00	64.10 -0.19 0.00	71.33 -0.50 0.00	80.86 -0.65 0.00	94.23 -0.38 0.00	109.04 0.97 0.00	124.80 2.33 0.00	136.02 3.06 0.00	184.72 4.33 0.00	200.73 4.60 33.89	200.74 3.32 10.00	200.74 2.06 -40.48	200.72 1.64 -62.24	175.39 1.23 -61.92	110.91 0.48 -14.91	79.36 -0.32 0.00
GILBOA___1 23756	61.12 0.31 0.00	55.32 0.98 0.00	50.05 0.98 0.00	46.95 1.06 0.00	47.60 1.07 0.00	49.83 0.93 0.00	54.10 0.64 0.00	56.91 0.62 0.00	60.83 0.48 0.00	64.68 0.39 0.00	72.05 0.22 0.00	81.76 0.25 0.00	95.28 0.67 0.00	110.11 2.05 0.00	125.41 2.93 0.00	135.89 2.92 0.00	184.72 4.32 0.00	240.57 4.60 -5.94	229.03 3.52 -18.08	182.12 2.52 -21.40	157.12 2.32 -17.95	123.64 2.36 -9.04	98.75 1.05 -2.18	79.76 0.08 0.00
GILBOA___2 23757	61.12 0.31 0.00	55.32 0.98 0.00	50.05 0.98 0.00	46.95 1.06 0.00	47.60 1.07 0.00	49.83 0.93 0.00	54.10 0.64 0.00	56.91 0.62 0.00	60.83 0.48 0.00	64.68 0.39 0.00	72.05 0.22 0.00	81.76 0.25 0.00	95.28 0.67 0.00	110.11 2.05 0.00	125.41 2.93 0.00	135.89 2.92 0.00	184.72 4.32 0.00	240.57 4.60 -5.94	229.03 3.52 -18.08	182.12 2.52 -21.40	157.12 2.32 -17.95	123.64 2.36 -9.04	98.75 1.05 -2.18	79.76 0.08 0.00
GILBOA___3 23758	61.12 0.31 0.00	55.32 0.98 0.00	50.05 0.98 0.00	46.95 1.06 0.00	47.60 1.07 0.00	49.83 0.93 0.00	54.10 0.64 0.00	56.91 0.62 0.00	60.83 0.48 0.00	64.68 0.39 0.00	72.05 0.22 0.00	81.76 0.25 0.00	95.28 0.67 0.00	110.11 2.05 0.00	125.41 2.93 0.00	135.89 2.92 0.00	184.72 4.32 0.00	240.57 4.60 -5.94	229.03 3.52 -18.08	182.12 2.52 -21.40	157.12 2.32 -17.95	123.64 2.36 -9.04	98.75 1.05 -2.18	79.76 0.08 0.00
GILBOA___4 23759	61.12 0.31 0.00	55.32 0.98 0.00	50.05 0.98 0.00	46.95 1.06 0.00	47.60 1.07 0.00	49.83 0.93 0.00	54.10 0.64 0.00	56.91 0.62 0.00	60.83 0.48 0.00	64.68 0.39 0.00	72.05 0.22 0.00	81.76 0.25 0.00	95.28 0.67 0.00	110.11 2.05 0.00	125.41 2.93 0.00	135.89 2.92 0.00	184.72 4.32 0.00	240.57 4.60 -5.94	229.03 3.52 -18.08	182.12 2.52 -21.40	157.12 2.32 -17.95	123.64 2.36 -9.04	98.75 1.05 -2.18	79.76 0.08 0.00

GILBOA____ 23599	61.12 0.30 0.00	55.32 0.98 0.00	50.05 0.98 0.00	46.95 1.06 0.00	47.60 1.07 0.00	49.83 0.93 0.00	54.10 0.64 0.00	56.91 0.62 0.00	60.83 0.48 0.00	64.68 0.39 0.00	72.05 0.22 0.00	81.75 0.24 0.00	95.27 0.66 0.00	110.12 2.05 0.00	125.41 2.94 0.00	135.89 2.93 0.00	184.72 4.33 0.00	240.57 4.60 -5.94	229.24 3.73 -18.08	182.29 2.69 -21.40	157.12 2.33 -17.95	123.63 2.36 -9.04	98.75 1.05 -2.18	79.76 0.08 0.00
GINNA____ 23603	59.54 -1.28 0.00	52.33 -2.01 0.00	47.20 -1.86 0.00	43.83 -2.06 0.00	44.35 -2.19 0.00	46.75 -2.15 0.00	51.05 -2.40 0.00	54.15 -2.14 0.00	58.66 -1.69 0.00	63.14 -1.16 0.00	71.33 -0.50 0.00	81.35 -0.16 0.00	95.18 0.57 0.00	107.96 -0.11 0.00	121.74 -0.73 0.00	132.17 -0.79 0.00	178.04 -2.35 0.00	227.28 -2.75 0.00	208.05 0.62 0.00	160.41 2.21 0.00	139.44 2.59 0.00	111.23 -1.01 0.00	93.23 -2.29 0.00	78.16 -1.52 0.00
GLEN PARK____ 23778	67.11 4.38 -1.91	57.84 3.48 -0.02	51.81 2.75 0.00	48.42 2.52 0.00	48.95 2.42 0.00	51.74 2.84 0.00	56.82 3.37 0.00	59.73 3.43 0.00	63.79 3.44 0.00	67.83 3.53 0.00	75.85 4.02 0.00	85.66 4.15 0.00	99.06 4.45 0.00	113.47 5.40 0.00	125.29 2.82 0.00	136.95 3.99 0.00	186.17 5.77 0.00	240.84 10.81 0.00	222.56 15.13 0.00	173.54 15.34 0.00	150.27 13.42 0.00	120.88 8.64 0.00	104.02 8.50 0.00	89.25 7.41 -2.16
GLENDALE_27_KV_LOAD 356172	61.55 0.73 0.00	55.15 0.82 0.00	50.39 1.32 0.00	47.36 1.47 0.00	47.88 1.35 0.00	50.13 1.22 0.00	54.79 1.34 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.09 1.80 0.00	73.55 1.72 0.00	83.55 2.04 0.00	66.22 3.03 31.42	74.28 5.51 39.29	108.47 8.08 22.08	125.17 10.37 18.17	178.39 15.51 17.52	237.55 17.94 10.41	213.39 14.10 8.14	145.56 10.28 22.93	89.81 7.66 54.70	66.37 5.28 51.15	62.56 2.77 35.73	61.01 0.56 19.23
GLENWOOD_IC_1_G5 23712	62.22 1.40 0.00	55.48 1.14 0.00	50.19 1.13 0.00	46.81 0.92 0.00	47.42 0.88 0.00	49.93 1.03 0.00	54.84 1.39 0.00	57.42 1.13 0.00	61.92 1.57 0.00	65.51 1.22 0.00	68.34 1.01 4.49	76.37 1.39 6.53	93.68 2.37 3.30	111.98 4.75 0.84	130.06 7.59 0.00	143.60 10.64 0.00	196.63 16.24 0.00	257.07 17.71 -9.34	249.73 13.90 -28.41	201.94 10.12 -33.61	172.02 6.98 -28.19	131.03 4.60 -14.19	93.60 1.81 3.74	75.78 -0.08 3.82
GLENWOOD_IC_2_G1 23688	61.91 1.10 0.00	55.32 0.98 0.00	50.10 1.03 0.00	46.77 0.87 0.00	47.37 0.84 0.00	49.83 0.93 0.00	54.74 1.28 0.00	57.36 1.07 0.00	61.74 1.39 0.00	65.64 1.35 0.00	73.22 1.29 -0.09	83.08 1.63 0.06	97.03 2.46 0.03	112.93 4.87 0.01	129.94 7.47 0.00	143.21 10.24 0.00	195.55 15.16 0.00	256.62 17.26 -9.34	249.31 13.47 -28.41	201.30 9.49 -33.61	172.01 6.98 -28.19	131.15 4.71 -14.20	101.29 2.20 -3.57	79.92 0.24 0.00
GLENWOOD_IC_3_G1 23689	61.91 1.10 0.00	55.32 0.98 0.00	50.10 1.03 0.00	46.77 0.87 0.00	47.37 0.84 0.00	49.83 0.93 0.00	54.74 1.28 0.00	57.36 1.07 0.00	61.74 1.39 0.00	65.64 1.35 0.00	73.22 1.29 -0.09	83.08 1.63 0.06	97.03 2.46 0.03	112.93 4.87 0.01	129.94 7.47 0.00	143.21 10.24 0.00	195.55 15.16 0.00	256.62 17.26 -9.34	249.31 13.47 -28.41	201.30 9.49 -33.61	172.01 6.98 -28.19	131.15 4.71 -14.20	101.29 2.20 -3.57	79.92 0.24 0.00
GLENWOOD____4 23550	62.22 1.40 0.00	55.48 1.14 0.00	50.19 1.13 0.00	46.81 0.92 0.00	47.42 0.88 0.00	49.93 1.03 0.00	54.84 1.39 0.00	57.42 1.13 0.00	61.92 1.57 0.00	65.71 1.41 0.00	68.56 1.22 4.49	76.61 1.63 6.53	93.87 2.55 3.30	112.20 4.97 0.84	130.31 7.84 0.00	143.87 10.90 0.00	197.17 16.78 0.00	257.76 18.40 -9.34	250.35 14.52 -28.41	202.25 10.44 -33.61	172.29 7.25 -28.19	131.37 4.94 -14.19	93.79 2.01 3.74	76.02 0.16 3.82
GLENWOOD____5 23614	62.22 1.40 0.00	55.48 1.14 0.00	50.19 1.13 0.00	46.81 0.92 0.00	47.42 0.88 0.00	49.93 1.03 0.00	54.84 1.39 0.00	57.42 1.13 0.00	61.92 1.57 0.00	65.71 1.41 0.00	68.56 1.22 4.49	76.61 1.63 6.53	93.87 2.55 3.30	112.20 4.97 0.84	130.31 7.84 0.00	143.87 10.90 0.00	197.17 16.78 0.00	257.76 18.40 -9.34	250.35 14.52 -28.41	202.25 10.44 -33.61	172.29 7.25 -28.19	131.37 4.94 -14.19	93.79 2.01 3.74	76.02 0.16 3.82
GLOBAL GREEN_PORT_GT1 23814	63.98 3.16 0.00	56.46 2.12 0.00	50.78 1.72 0.00	47.09 1.19 0.00	47.74 1.21 0.00	50.42 1.52 0.00	55.65 2.19 0.00	57.53 1.24 0.00	62.58 2.23 0.00	66.54 2.25 0.00	60.94 2.73 13.62	65.41 3.67 19.77	89.45 4.82 9.98	113.75 8.21 2.53	132.71 12.13 1.89	150.79 17.82 0.00	201.67 21.28 0.00	260.98 21.62 -9.34	253.45 17.62 -28.41	199.23 12.18 -28.84	172.81 11.35 -24.61	131.67 7.19 -12.24	80.22 2.96 18.27	65.74 1.44 15.38
GLOBE____DSASP 323697	60.94 0.12 0.00	52.98 -1.36 0.00	47.59 -1.47 0.00	44.34 -1.56 0.00	44.81 -1.72 0.00	46.95 -1.96 0.00	51.21 -2.25 0.00	54.27 -2.03 0.00	59.08 -1.27 0.00	64.23 -0.06 0.00	72.76 0.93 0.00	83.47 1.96 0.00	96.78 2.18 0.00	108.61 0.54 0.00	121.98 -0.49 0.00	132.17 -0.80 0.00	174.44 -5.95 0.00	219.90 -10.12 0.00	203.28 -4.15 0.00	158.99 0.79 0.00	140.40 3.56 0.00	110.67 -1.57 0.00	93.23 -2.29 0.00	79.84 0.16 0.00
GOETHSLN____LBMP 323567	52.01 0.18 8.99	51.21 0.43 3.56	49.89 0.83 0.01	46.67 0.78 0.01	47.22 0.70 0.01	49.68 0.78 0.01	51.21 1.02 3.26	51.40 0.96 5.85	52.81 1.27 8.81	53.59 1.29 11.99	54.71 1.08 18.19	55.34 1.30 27.47	55.04 2.08 41.65	65.22 4.43 47.28	97.72 6.98 31.74	98.30 9.04 43.71	145.33 13.71 48.77	203.65 15.64 42.02	196.80 12.03 22.66	133.40 8.70 33.50	81.80 6.29 61.34	57.19 4.15 59.20	54.14 1.91 43.29	52.09 -0.08 27.51
GOLAH____69_KV_TB 1_2 80279	62.82 2.01 0.00	55.05 0.71 0.00	49.46 0.39 0.00	45.99 0.09 0.00	46.44 -0.09 0.00	48.95 0.05 0.00	53.45 0.00 0.00	56.63 0.34 0.00	61.38 1.03 0.00	66.16 1.86 0.00	74.85 3.02 0.00	85.34 3.83 0.00	99.43 4.83 0.00	112.50 4.43 0.00	127.13 4.65 0.00	137.62 4.65 0.00	184.00 3.61 0.00	234.40 4.37 0.00	215.93 8.50 0.00	167.53 9.33 0.00	146.70 9.85 0.00	116.51 4.27 0.00	97.72 2.20 0.00	82.63 2.95 0.00
GOODYEAR_LAKE_HYD 323669	62.82 2.01 0.00	56.24 1.90 0.00	50.73 1.67 0.00	47.50 1.61 0.00	48.16 1.63 0.00	50.67 1.76 0.00	55.33 1.87 0.00	58.21 1.91 0.00	62.22 1.87 0.00	66.28 1.99 0.00	74.06 2.23 0.00	84.12 2.61 0.00	98.01 3.41 0.00	112.93 4.86 0.00	128.47 6.00 0.00	139.88 6.91 0.00	189.96 9.56 0.00	271.19 12.19 -28.97	307.81 12.24 -88.15	272.78 10.28 -104.30	233.36 9.03 -87.48	162.80 6.51 -44.05	110.43 4.30 -10.61	82.71 3.03 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	61.79 0.97 0.00	54.88 0.54 0.00	49.46 0.39 0.00	46.17 0.28 0.00	46.81 0.28 0.00	49.25 0.34 0.00	53.83 0.37 0.00	56.80 0.51 0.00	61.07 0.72 0.00	65.38 1.09 0.00	73.34 1.51 0.00	83.55 2.04 0.00	97.16 2.55 0.00	111.09 3.03 0.00	126.02 3.55 0.00	137.09 4.12 0.00	184.90 4.51 0.00	239.37 5.29 -4.05	226.60 6.85 -12.33	179.43 6.64 -14.59	155.51 6.43 -12.23	121.77 3.37 -6.16	98.82 1.81 -1.48	81.19 1.51 0.00

GOUDEY___7 23579	61.79 0.97 0.00	54.88 0.54 0.00	49.46 0.39 0.00	46.17 0.28 0.00	46.81 0.28 0.00	49.25 0.34 0.00	53.83 0.37 0.00	56.80 0.51 0.00	61.07 0.72 0.00	65.38 1.09 0.00	73.34 1.51 0.00	83.55 2.04 0.00	97.16 2.55 0.00	111.09 3.03 0.00	126.02 3.55 0.00	137.09 4.12 0.00	184.90 4.51 0.00	239.37 5.29 -4.05	226.60 6.85 -12.33	179.43 6.64 -14.59	155.51 6.43 -12.23	121.77 3.37 -6.16	98.82 1.81 -1.48	81.19 1.51 0.00
GOUDEY___8 23580	61.79 0.97 0.00	54.88 0.54 0.00	49.46 0.39 0.00	46.17 0.28 0.00	46.81 0.28 0.00	49.25 0.34 0.00	53.83 0.37 0.00	56.80 0.51 0.00	61.07 0.72 0.00	65.38 1.09 0.00	73.34 1.51 0.00	83.55 2.04 0.00	97.16 2.55 0.00	111.09 3.03 0.00	126.02 3.55 0.00	137.09 4.12 0.00	184.90 4.51 0.00	239.37 5.29 -4.05	226.60 6.85 -12.33	179.43 6.64 -14.59	155.51 6.43 -12.23	121.77 3.37 -6.16	98.82 1.81 -1.48	81.19 1.51 0.00
GOWANUS_GT1_1 24077	61.43 0.61 0.00	54.88 0.54 0.00	50.24 1.18 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.83 1.54 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	123.80 7.96 6.63	125.78 10.24 17.42	178.03 15.15 17.52	258.60 17.48 -11.10	212.98 13.69 8.14	145.24 9.97 22.93	93.12 7.53 51.26	66.33 5.16 51.07	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT1_2 24078	61.43 0.61 0.00	54.88 0.54 0.00	50.24 1.18 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.83 1.54 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	123.80 7.96 6.63	125.78 10.24 17.42	178.03 15.15 17.52	258.60 17.48 -11.10	212.98 13.69 8.14	145.24 9.97 22.93	93.12 7.53 51.26	66.33 5.16 51.07	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT1_3 24079	61.43 0.61 0.00	54.88 0.54 0.00	50.24 1.18 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.83 1.54 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	123.80 7.96 6.63	125.78 10.24 17.42	178.03 15.15 17.52	258.60 17.48 -11.10	212.98 13.69 8.14	145.24 9.97 22.93	93.12 7.53 51.26	66.33 5.16 51.07	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT1_4 24080	61.43 0.61 0.00	54.88 0.54 0.00	50.24 1.18 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.83 1.54 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	123.80 7.96 6.63	125.78 10.24 17.42	178.03 15.15 17.52	258.60 17.48 -11.10	212.98 13.69 8.14	145.24 9.97 22.93	93.12 7.53 51.26	66.33 5.16 51.07	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT1_5 24084	61.43 0.61 0.00	54.88 0.54 0.00	50.24 1.18 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.83 1.54 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	123.80 7.96 6.63	125.78 10.24 17.42	178.03 15.15 17.52	258.60 17.48 -11.10	212.98 13.69 8.14	145.24 9.97 22.93	93.12 7.53 51.26	66.33 5.16 51.07	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT1_6 24111	61.43 0.61 0.00	54.88 0.54 0.00	50.24 1.18 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.83 1.54 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	123.80 7.96 6.63	125.78 10.24 17.42	178.03 15.15 17.52	258.60 17.48 -11.10	212.98 13.69 8.14	145.24 9.97 22.93	93.12 7.53 51.26	66.33 5.16 51.07	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT1_7 24112	61.43 0.61 0.00	54.88 0.54 0.00	50.24 1.18 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.83 1.54 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	123.80 7.96 6.63	125.78 10.24 17.42	178.03 15.15 17.52	258.60 17.48 -11.10	212.98 13.69 8.14	145.24 9.97 22.93	93.12 7.53 51.26	66.33 5.16 51.07	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT1_8 24113	61.43 0.61 0.00	54.88 0.54 0.00	50.24 1.18 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.83 1.54 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	123.80 7.96 6.63	125.78 10.24 17.42	178.03 15.15 17.52	258.60 17.48 -11.10	212.98 13.69 8.14	145.24 9.97 22.93	93.12 7.53 51.26	66.33 5.16 51.07	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT2_1 24114	61.42 0.61 0.01	54.82 0.49 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.21 10.10 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	90.99 7.38 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT2_2 24115	61.42 0.61 0.01	54.82 0.49 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.21 10.10 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	90.99 7.38 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT2_3 24116	61.42 0.61 0.01	54.82 0.49 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.21 10.10 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	90.99 7.38 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT2_4 24117	61.42 0.61 0.01	54.82 0.49 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.21 10.10 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	90.99 7.38 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT2_5 24118	61.42 0.61 0.01	54.82 0.49 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.21 10.10 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	90.99 7.38 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23

GOWANUS_GT2_6 24119	61.42 0.61 0.01	54.82 0.49 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.21 10.10 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	90.99 7.38 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT2_7 24120	61.42 0.61 0.01	54.82 0.49 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.21 10.10 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	90.99 7.38 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT2_8 24121	61.42 0.61 0.01	54.82 0.49 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.21 10.10 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	90.99 7.38 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT3_1 24122	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT3_2 24123	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT3_3 24124	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT3_4 24125	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT3_5 24126	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT3_6 24127	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT3_7 24128	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT3_8 24129	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT4_1 24130	61.43 0.61 0.00	54.83 0.49 0.00	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.77 1.48 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	114.90 7.96 15.53	125.22 10.11 17.85	178.03 15.15 17.52	256.83 17.48 -9.33	212.98 13.69 8.14	145.24 9.97 22.93	90.99 7.39 53.24	66.29 5.16 51.12	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT4_2 24131	61.43 0.61 0.00	54.83 0.49 0.00	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.77 1.48 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	114.90 7.96 15.53	125.22 10.11 17.85	178.03 15.15 17.52	256.83 17.48 -9.33	212.98 13.69 8.14	145.24 9.97 22.93	90.99 7.39 53.24	66.29 5.16 51.12	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT4_3 24132	61.43 0.61 0.00	54.83 0.49 0.00	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.77 1.48 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	114.90 7.96 15.53	125.22 10.11 17.85	178.03 15.15 17.52	256.83 17.48 -9.33	212.98 13.69 8.14	145.24 9.97 22.93	90.99 7.39 53.24	66.29 5.16 51.12	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT4_4 24133	61.43 0.61 0.00	54.83 0.49 0.00	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.77 1.48 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	114.90 7.96 15.53	125.22 10.11 17.85	178.03 15.15 17.52	256.83 17.48 -9.33	212.98 13.69 8.14	145.24 9.97 22.93	90.99 7.39 53.24	66.29 5.16 51.12	63.18 2.77 35.11	60.85 0.40 19.23

GOWANUS_GT4_5 24134	61.43 0.61 0.00	54.83 0.49 0.00	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.77 1.48 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	114.90 7.96 15.53	125.22 10.11 17.85	178.03 15.15 17.52	256.83 17.48 -9.33	212.98 13.69 8.14	145.24 9.97 22.93	90.99 7.39 53.24	66.29 5.16 51.12	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT4_6 24135	61.43 0.61 0.00	54.83 0.49 0.00	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.77 1.48 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	114.90 7.96 15.53	125.22 10.11 17.85	178.03 15.15 17.52	256.83 17.48 -9.33	212.98 13.69 8.14	145.24 9.97 22.93	90.99 7.39 53.24	66.29 5.16 51.12	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT4_7 24136	61.43 0.61 0.00	54.83 0.49 0.00	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.77 1.48 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	114.90 7.96 15.53	125.22 10.11 17.85	178.03 15.15 17.52	256.83 17.48 -9.33	212.98 13.69 8.14	145.24 9.97 22.93	90.99 7.39 53.24	66.29 5.16 51.12	63.18 2.77 35.11	60.85 0.40 19.23
GOWANUS_GT4_8 24137	61.43 0.61 0.00	54.83 0.49 0.00	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.77 1.48 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	114.90 7.96 15.53	125.22 10.11 17.85	178.03 15.15 17.52	256.83 17.48 -9.33	212.98 13.69 8.14	145.24 9.97 22.93	90.99 7.39 53.24	66.29 5.16 51.12	63.18 2.77 35.11	60.85 0.40 19.23
GREATVR_69_KV_BK1 356245	63.43 2.62 0.00	56.08 1.74 0.00	50.54 1.47 0.00	46.91 1.01 0.00	47.51 0.98 0.00	50.13 1.22 0.00	55.33 1.87 0.00	57.14 0.84 0.00	61.92 1.57 0.00	66.09 1.80 0.00	59.87 1.22 13.18	64.08 1.71 19.14	87.59 2.65 9.66	110.91 5.30 2.45	129.12 8.45 1.80	146.00 13.03 0.00	201.32 20.93 0.00	260.06 20.70 -9.34	252.63 16.80 -28.41	200.57 13.29 -29.08	170.26 8.62 -24.79	129.97 5.39 -12.34	80.23 2.29 17.58	65.40 0.48 14.76
GREENBSH_115KV_TB3 55895	61.73 0.91 0.00	55.32 0.98 0.00	50.05 0.98 0.00	46.81 0.92 0.00	47.46 0.93 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.14 0.84 0.00	61.07 0.72 0.00	64.74 0.45 0.00	72.05 0.22 0.00	81.59 0.08 0.00	95.08 0.47 0.00	110.23 2.16 0.00	126.27 3.80 0.00	137.89 4.92 0.00	187.43 7.04 0.00	289.10 7.82 -51.26	369.60 6.22 -155.95	346.99 4.27 -184.52	295.03 3.42 -154.77	192.87 2.69 -77.93	115.91 1.62 -18.76	80.16 0.48 0.00
GREENDGE_115KV_TB5 80291	62.40 1.58 0.00	54.94 0.60 0.00	49.75 0.69 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.54 0.64 0.00	53.94 0.48 0.00	56.97 0.68 0.00	61.32 0.97 0.00	65.77 1.48 0.00	74.06 2.23 0.00	84.61 3.10 0.00	96.78 2.18 0.00	110.34 2.27 0.00	124.55 2.08 0.00	135.63 2.66 0.00	182.56 2.16 0.00	235.78 3.45 -2.30	221.69 7.26 -7.00	174.55 8.07 -8.28	151.87 8.07 -6.95	119.11 3.37 -3.50	97.80 1.43 -0.84	82.31 2.63 0.00
GREENIDGE___3 23582	62.40 1.58 0.00	54.94 0.60 0.00	49.75 0.69 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.54 0.64 0.00	53.94 0.48 0.00	56.97 0.68 0.00	61.32 0.97 0.00	65.77 1.48 0.00	74.06 2.23 0.00	84.61 3.10 0.00	96.78 2.18 0.00	110.34 2.27 0.00	124.55 2.08 0.00	135.63 2.66 0.00	182.56 2.16 0.00	235.78 3.45 -2.30	221.69 7.26 -7.00	174.55 8.07 -8.28	151.87 8.07 -6.95	119.11 3.37 -3.50	97.80 1.43 -0.84	82.31 2.63 0.00
GREENIDGE___4 23583	62.40 1.58 0.00	54.94 0.60 0.00	49.75 0.69 0.00	46.35 0.46 0.00	46.95 0.42 0.00	49.54 0.63 0.00	53.93 0.48 0.00	56.97 0.68 0.00	61.37 1.02 0.00	65.77 1.48 0.00	74.13 2.30 0.00	84.61 3.10 0.00	96.88 2.27 0.00	110.55 2.49 0.00	124.43 1.95 0.00	135.76 2.80 0.00	182.73 2.34 0.00	235.78 3.46 -2.30	221.68 7.26 -7.00	174.86 8.38 -8.28	152.01 8.21 -6.95	118.88 3.14 -3.50	97.80 1.43 -0.84	82.31 2.63 0.00
GREENLWN_69_KV_BK 3 55738	61.79 0.97 0.00	54.83 0.49 0.00	49.51 0.44 0.00	46.03 0.14 0.00	46.63 0.09 0.00	49.15 0.24 0.00	54.15 0.69 0.00	56.24 -0.06 0.00	60.83 0.48 0.00	64.87 0.58 0.00	57.53 -1.01 13.30	61.39 -0.82 19.31	84.67 -0.19 9.74	107.65 2.05 2.47	125.39 4.78 1.86	141.48 8.51 0.00	194.65 14.25 0.00	253.16 13.80 -9.34	246.20 10.37 -28.41	194.58 7.44 -28.94	165.37 3.83 -24.69	126.43 1.91 -12.28	77.00 -0.76 17.76	62.58 -2.15 14.95
GREENWD_138_KV_38B11_REV_LBMP_J 345004	61.43 0.61 0.00	54.88 0.54 0.00	50.24 1.18 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.83 1.54 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	114.91 7.96 15.53	125.35 10.24 17.85	178.03 15.15 17.52	258.60 17.48 -11.10	212.98 13.69 8.14	145.24 9.97 22.93	91.13 7.53 53.24	66.29 5.16 51.12	63.18 2.77 35.11	60.85 0.40 19.23
GRISSOM___SOLAR 323813	64.95 4.14 0.00	57.93 3.59 0.00	52.21 3.14 0.00	48.74 2.85 0.00	49.56 3.02 0.00	52.18 3.28 0.00	56.88 3.42 0.00	59.11 2.81 0.00	61.98 1.63 0.00	64.74 0.45 0.00	71.54 -0.29 0.00	80.77 -0.74 0.00	94.04 -0.56 0.00	108.72 0.65 0.00	124.55 2.08 0.00	137.09 4.13 0.00	187.79 7.40 0.00	337.55 12.41 -95.11	511.74 14.94 -289.37	514.52 13.92 -342.39	436.76 12.73 -287.18	266.50 9.65 -144.61	137.88 7.54 -34.82	85.17 5.49 0.00
GROVEVILLE___HYD 323602	61.85 1.03 0.00	55.43 1.09 0.00	50.19 1.13 0.00	46.86 0.96 0.00	47.51 0.98 0.00	50.03 1.12 0.00	54.84 1.39 0.00	57.70 1.41 0.00	61.92 1.57 0.00	65.77 1.48 0.00	73.12 1.29 0.00	82.98 1.47 0.00	97.26 2.65 0.00	112.61 4.54 0.00	129.70 7.23 0.00	142.01 9.04 0.00	193.92 13.53 0.00	255.80 16.10 -9.67	249.51 12.65 -29.43	201.88 8.86 -34.82	172.89 6.84 -29.20	132.11 5.16 -14.71	102.41 3.34 -3.54	81.03 1.35 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	60.88 0.06 0.00	54.12 -0.22 0.00	48.77 -0.29 0.00	45.53 -0.37 0.00	46.21 -0.33 0.00	48.61 -0.29 0.00	53.19 -0.27 0.00	56.12 -0.17 0.00	60.29 -0.06 0.00	64.42 0.13 0.00	72.26 0.43 0.00	81.75 0.24 0.00	94.89 0.28 0.00	108.61 0.54 0.00	123.33 0.86 0.00	134.16 1.20 0.00	181.48 1.08 0.00	231.64 1.61 0.00	210.54 3.11 0.00	161.36 3.16 0.00	139.99 3.15 0.00	113.25 1.01 0.00	95.52 0.00 0.00	79.68 0.00 0.00
HAMLTNNY_34_KV_TB 80303	60.88 0.06 0.00	54.07 -0.27 0.00	48.72 -0.34 0.00	45.44 -0.46 0.00	46.07 -0.47 0.00	48.51 -0.39 0.00	53.03 -0.43 0.00	56.01 -0.28 0.00	60.23 -0.12 0.00	64.42 0.13 0.00	72.26 0.43 0.00	82.16 0.65 0.00	95.46 0.85 0.00	109.15 1.08 0.00	123.70 1.22 0.00	135.76 2.79 0.00	183.46 3.07 0.00	234.40 4.37 0.00	213.23 5.81 0.00	163.89 5.70 0.00	142.32 5.47 0.00	114.71 2.47 0.00	96.67 1.15 0.00	80.72 1.04 0.00

HAMPSHIRE___PAPER_HYD 323593	69.35 2.13 -6.41	56.09 1.69 -0.06	50.44 1.37 0.00	47.18 1.28 0.00	47.70 1.16 0.00	50.27 1.37 0.00	55.11 1.66 0.00	57.98 1.69 0.00	62.22 1.87 0.00	66.16 1.87 0.00	73.98 2.15 0.00	83.39 1.88 0.00	94.99 0.38 0.00	107.42 -0.64 0.00	119.53 -2.94 0.00	129.65 -3.32 0.00	176.25 -4.14 0.00	226.80 -3.22 0.00	206.39 -1.03 0.00	158.36 0.16 0.00	136.44 -0.41 0.00	111.68 -0.56 0.00	97.33 1.81 0.00	90.11 3.19 -7.24
HARDSCRABBLE_WT_PWR 323673	60.39 -0.42 0.00	54.02 -0.32 0.00	48.77 -0.29 0.00	45.62 -0.27 0.00	46.25 -0.28 0.00	48.66 -0.24 0.00	53.24 -0.21 0.00	56.07 -0.22 0.00	60.05 -0.30 0.00	63.97 -0.32 0.00	71.47 -0.36 0.00	81.02 -0.49 0.00	94.23 -0.38 0.00	108.17 0.11 0.00	122.84 0.37 0.00	133.63 0.67 0.00	181.48 1.09 0.00	231.18 1.16 0.00	208.68 1.25 0.00	159.31 1.12 0.00	137.53 0.69 0.00	112.69 0.45 0.00	95.43 -0.10 0.00	79.36 -0.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	61.73 0.91 0.00	55.26 0.92 0.00	50.09 1.03 0.00	46.77 0.87 0.00	47.37 0.84 0.00	49.88 0.98 0.00	54.74 1.28 0.00	57.64 1.35 0.00	61.92 1.57 0.00	65.83 1.54 0.00	73.34 1.51 0.00	83.14 1.63 0.00	97.35 2.74 0.00	112.71 4.65 0.00	129.70 7.23 0.00	142.01 9.04 0.00	193.74 13.35 0.00	254.64 15.87 -8.74	246.47 12.45 -26.60	198.53 8.86 -31.47	170.09 6.84 -26.40	130.47 4.94 -13.29	101.40 2.67 -3.20	80.48 0.80 0.00
HARSNRAD_115KV_TB1 81005	62.03 1.22 0.00	54.01 -0.33 0.00	48.52 -0.54 0.00	45.16 -0.73 0.00	45.65 -0.88 0.00	47.88 -1.03 0.00	52.12 -1.34 0.00	55.11 -1.18 0.00	59.93 -0.42 0.00	65.13 0.84 0.00	73.77 1.94 0.00	84.53 3.02 0.00	98.11 3.50 0.00	110.34 2.27 0.00	123.82 1.35 0.00	134.30 1.33 0.00	177.51 -2.89 0.00	224.27 -5.75 0.00	207.43 0.00 0.00	162.15 3.95 0.00	143.14 6.29 0.00	112.69 0.45 0.00	94.66 -0.86 0.00	80.56 0.88 0.00
HARZA MOOSE___RIVER 24016	64.31 1.64 -1.85	55.66 1.30 -0.02	50.09 1.03 0.00	46.86 0.96 0.00	47.42 0.88 0.00	50.08 1.17 0.00	54.95 1.50 0.00	57.81 1.52 0.00	62.22 1.87 0.00	66.22 1.93 0.00	73.98 2.15 0.00	83.63 2.12 0.00	96.69 2.08 0.00	110.77 2.70 0.00	124.31 1.84 0.00	135.36 2.39 0.00	184.36 3.97 0.00	236.24 6.21 0.00	215.10 7.67 0.00	165.32 7.12 0.00	142.18 5.34 0.00	115.50 3.25 0.00	98.77 3.25 0.00	84.95 3.19 -2.09
HDSNBRDG_115KV_BRDG_TB1 355580	60.39 -0.43 0.00	53.69 -0.65 0.00	48.38 -0.69 0.00	45.16 -0.73 0.00	45.83 -0.70 0.00	48.22 -0.68 0.00	52.76 -0.69 0.00	55.67 -0.62 0.00	59.87 -0.48 0.00	63.97 -0.32 0.00	71.69 -0.14 0.00	81.51 0.00 0.00	94.80 0.19 0.00	108.50 0.43 0.00	123.09 0.61 0.00	133.90 0.93 0.00	181.12 0.72 0.00	230.95 0.92 0.00	209.71 2.28 0.00	160.73 2.53 0.00	139.45 2.60 0.00	112.80 0.56 0.00	95.23 -0.29 0.00	79.28 -0.40 0.00
HELLGATE_13_KV_LD 55870	61.49 0.67 -0.01	55.16 0.82 -0.01	50.44 1.37 0.00	47.37 1.47 0.00	47.93 1.40 0.00	50.13 1.22 0.00	54.79 1.34 0.00	57.59 1.29 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	77.89 2.93 19.65	88.89 5.40 24.57	116.37 8.08 14.19	131.82 10.24 11.38	184.78 15.33 10.95	244.73 17.71 3.01	222.52 13.90 -1.19	169.02 10.12 -0.69	124.18 7.53 20.20	90.73 5.16 26.67	77.14 2.67 21.06	68.13 0.48 12.03
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	61.49 0.67 -0.01	55.16 0.82 -0.01	50.44 1.37 0.00	47.37 1.47 0.00	47.93 1.40 0.00	50.13 1.22 0.00	54.79 1.34 0.00	57.59 1.29 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	77.89 2.93 19.65	88.89 5.40 24.57	116.37 8.08 14.19	131.82 10.24 11.38	184.78 15.33 10.95	244.73 17.71 3.01	222.52 13.90 -1.19	169.02 10.12 -0.69	124.18 7.53 20.20	90.73 5.16 26.67	77.14 2.67 21.06	68.13 0.48 12.03
HEMPSTEAD___ 23647	61.97 1.15 0.00	55.10 0.76 0.00	49.80 0.74 0.00	46.35 0.46 0.00	47.00 0.47 0.00	49.49 0.59 0.00	54.47 1.01 0.00	56.74 0.45 0.00	61.26 0.91 0.00	65.00 0.71 6.77	65.63 0.57 9.84	72.40 0.73 4.97	91.06 1.42 1.26	110.59 3.78 6.61	129.08 6.61 10.10	143.07 10.10 15.52	195.91 15.52 16.78	256.14 16.78 13.08	248.91 13.08 9.01	200.82 9.01 6.01	171.05 6.01 3.93	130.36 3.93 1.15	89.31 1.15 -0.55	73.09 -0.55 6.04
HICKLING___1 23621	62.82 2.01 0.00	55.26 0.92 0.00	49.70 0.64 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.44 0.54 0.00	54.15 0.69 0.00	57.19 0.90 0.00	61.62 1.27 0.00	66.22 1.93 0.00	74.70 2.87 0.00	85.50 3.99 0.00	99.15 4.54 0.00	112.82 4.75 0.00	127.49 5.02 0.00	138.82 5.85 0.00	185.99 5.59 0.00	239.65 6.67 -2.96	226.38 9.96 -8.99	179.44 10.60 -10.64	156.31 10.54 -8.93	122.01 5.28 -4.49	99.66 3.06 -1.08	82.71 3.03 0.00
HICKLING___2 23622	62.82 2.01 0.00	55.26 0.92 0.00	49.70 0.64 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.44 0.54 0.00	54.15 0.69 0.00	57.19 0.90 0.00	61.62 1.27 0.00	66.22 1.93 0.00	74.70 2.87 0.00	85.50 3.99 0.00	99.15 4.54 0.00	112.82 4.75 0.00	127.49 5.02 0.00	138.82 5.85 0.00	185.99 5.59 0.00	239.65 6.67 -2.96	226.38 9.96 -8.99	179.44 10.60 -10.64	156.31 10.54 -8.93	122.01 5.28 -4.49	99.66 3.06 -1.08	82.71 3.03 0.00
HIGH FALLS___HY 23754	61.91 1.09 0.00	55.48 1.14 0.00	50.24 1.18 0.00	46.91 1.01 0.00	47.51 0.98 0.00	50.03 1.12 0.00	54.90 1.44 0.00	57.81 1.52 0.00	62.10 1.75 0.00	66.03 1.74 0.00	73.41 1.58 0.00	83.30 1.79 0.00	97.54 2.93 0.00	112.93 4.86 0.00	129.82 7.35 0.00	142.14 9.17 0.00	194.47 14.07 0.00	255.83 17.25 -8.55	253.70 14.31 -31.96	209.47 10.12 -41.15	181.10 7.94 -36.31	138.31 5.84 -20.23	103.83 3.44 -4.87	80.95 1.27 0.00
HIGH_RIVER___SOLAR 323847	63.13 2.31 0.00	56.40 2.06 0.00	50.93 1.86 0.00	47.60 1.70 0.00	48.35 1.81 0.00	50.81 1.91 0.00	55.38 1.92 0.00	57.81 1.52 0.00	61.08 0.73 0.00	64.16 -0.13 0.00	71.18 -0.65 0.00	80.69 -0.82 0.00	94.04 -0.56 0.00	108.61 0.54 0.00	124.06 1.59 0.00	135.76 2.80 0.00	185.08 4.68 0.00	338.07 7.58 -100.47	522.44 9.34 -305.67	528.57 8.70 -361.68	448.13 7.93 -303.35	271.05 6.06 -152.75	136.69 4.40 -36.78	82.71 3.03 0.00
HILLBURN___GT 23639	61.36 0.55 0.00	54.99 0.65 0.00	49.90 0.83 0.00	46.63 0.73 0.00	47.23 0.70 0.00	49.69 0.78 0.00	54.52 1.07 0.00	57.48 1.18 0.00	61.74 1.39 0.00	65.70 1.41 0.00	73.19 1.36 0.00	82.98 1.47 0.00	96.88 2.27 0.00	112.50 4.43 0.00	129.20 6.73 0.00	141.60 8.64 0.00	193.02 12.62 0.00	253.63 14.73 -8.87	245.81 11.40 -26.98	198.19 8.06 -31.92	169.79 6.16 -26.78	130.10 4.37 -13.48	100.97 2.20 -3.25	80.00 0.32 0.00
HILLSIDE_115KV_TB1 80332	61.73 0.91 0.00	54.45 0.11 0.00	49.02 -0.05 0.00	45.71 -0.18 0.00	46.35 -0.19 0.00	48.76 -0.15 0.00	53.40 -0.05 0.00	56.35 0.06 0.00	60.71 0.36 0.00	65.19 0.90 0.00	73.48 1.65 0.00	83.96 2.45 0.00	97.35 2.74 0.00	110.98 2.92 0.00	125.41 2.94 0.00	136.42 3.46 0.00	183.10 2.71 0.00	235.63 2.53 -3.07	222.38 5.60 -9.35	176.06 6.80 -11.06	153.24 7.12 -9.28	119.94 3.03 -4.67	97.98 1.34 -1.12	81.11 1.43 0.00

HISHELDN_WT_PWR 323625	62.58 1.76 0.00	54.50 0.16 0.00	48.97 -0.10 0.00	45.62 -0.27 0.00	46.07 -0.47 0.00	48.42 -0.49 0.00	52.92 -0.53 0.00	56.07 -0.22 0.00	60.78 0.43 0.00	65.77 1.48 0.00	74.56 2.73 0.00	85.50 3.99 0.00	99.34 4.73 0.00	112.39 4.33 0.00	125.65 3.18 0.00	136.95 3.99 0.00	182.01 1.62 0.00	230.03 0.00 0.00	212.81 5.38 0.00	166.74 8.54 0.00	146.42 9.58 0.00	115.50 3.26 0.00	96.86 1.34 0.00	81.99 2.31 0.00
HOLTSVILLE_IC_1 23690	62.22 1.40 0.00	55.16 0.82 0.00	49.70 0.64 0.00	46.13 0.23 0.00	46.77 0.23 0.00	49.34 0.44 0.00	54.42 0.96 0.00	56.07 -0.22 0.00	60.71 0.36 0.00	64.36 0.06 0.00	57.83 -0.36 13.64	61.46 -0.24 19.80	84.80 0.19 10.00	108.24 2.70 2.53	125.84 5.26 1.90	142.27 9.30 0.00	195.19 14.80 0.00	252.93 13.57 -9.34	246.20 10.37 -28.41	194.63 7.59 -28.83	166.11 4.66 -24.61	126.84 2.36 -12.24	77.12 -0.10 18.30	62.84 -1.43 15.41
HOLTSVILLE_IC_10 23699	62.58 1.76 0.00	55.43 1.09 0.00	49.90 0.83 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.54 0.63 0.00	54.69 1.23 0.00	56.29 0.00 0.00	60.95 0.60 0.00	64.68 0.39 0.00	58.37 0.07 13.53	62.19 0.33 19.65	85.64 0.95 9.92	109.23 3.68 2.51	127.08 6.49 1.88	143.61 10.64 0.00	197.17 16.78 0.00	254.54 15.18 -9.34	247.65 11.82 -28.41	196.26 9.17 -28.89	167.37 5.88 -24.65	127.86 3.36 -12.26	78.06 0.67 18.13	63.63 -0.80 15.26
HOLTSVILLE_IC_2 23691	62.22 1.40 0.00	55.16 0.82 0.00	49.70 0.64 0.00	46.13 0.23 0.00	46.77 0.23 0.00	49.34 0.44 0.00	54.42 0.96 0.00	56.07 -0.22 0.00	60.71 0.36 0.00	64.36 0.06 0.00	57.83 -0.36 13.64	61.46 -0.24 19.80	84.80 0.19 10.00	108.24 2.70 2.53	125.84 5.26 1.90	142.27 9.30 0.00	195.19 14.80 0.00	252.93 13.57 -9.34	246.20 10.37 -28.41	194.63 7.59 -28.83	166.11 4.66 -24.61	126.84 2.36 -12.24	77.12 -0.10 18.30	62.84 -1.43 15.41
HOLTSVILLE_IC_3 23692	62.22 1.40 0.00	55.16 0.82 0.00	49.70 0.64 0.00	46.13 0.23 0.00	46.77 0.23 0.00	49.34 0.44 0.00	54.42 0.96 0.00	56.07 -0.22 0.00	60.71 0.36 0.00	64.36 0.06 0.00	57.83 -0.36 13.64	61.46 -0.24 19.80	84.80 0.19 10.00	108.24 2.70 2.53	125.84 5.26 1.90	142.27 9.30 0.00	195.19 14.80 0.00	252.93 13.57 -9.34	246.20 10.37 -28.41	194.63 7.59 -28.83	166.11 4.66 -24.61	126.84 2.36 -12.24	77.12 -0.10 18.30	62.84 -1.43 15.41
HOLTSVILLE_IC_4 23693	62.22 1.40 0.00	55.16 0.82 0.00	49.70 0.64 0.00	46.13 0.23 0.00	46.77 0.23 0.00	49.34 0.44 0.00	54.42 0.96 0.00	56.07 -0.22 0.00	60.71 0.36 0.00	64.36 0.06 0.00	57.83 -0.36 13.64	61.46 -0.24 19.80	84.80 0.19 10.00	108.24 2.70 2.53	125.84 5.26 1.90	142.27 9.30 0.00	195.19 14.80 0.00	252.93 13.57 -9.34	246.20 10.37 -28.41	194.63 7.59 -28.83	166.11 4.66 -24.61	126.84 2.36 -12.24	77.12 -0.10 18.30	62.84 -1.43 15.41
HOLTSVILLE_IC_5 23694	62.22 1.40 0.00	55.16 0.82 0.00	49.70 0.64 0.00	46.13 0.23 0.00	46.77 0.23 0.00	49.34 0.44 0.00	54.42 0.96 0.00	56.07 -0.22 0.00	60.71 0.36 0.00	64.36 0.06 0.00	57.83 -0.36 13.64	61.46 -0.24 19.80	84.80 0.19 10.00	108.24 2.70 2.53	125.84 5.26 1.90	142.27 9.30 0.00	195.19 14.80 0.00	252.93 13.57 -9.34	246.20 10.37 -28.41	194.63 7.59 -28.83	166.11 4.66 -24.61	126.84 2.36 -12.24	77.12 -0.10 18.30	62.84 -1.43 15.41
HOLTSVILLE_IC_6 23695	62.58 1.76 0.00	55.43 1.09 0.00	49.90 0.83 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.54 0.63 0.00	54.69 1.23 0.00	56.29 0.00 0.00	60.95 0.60 0.00	64.68 0.39 0.00	58.37 0.07 13.53	62.19 0.33 19.65	85.64 0.95 9.92	109.23 3.68 2.51	127.08 6.49 1.88	143.61 10.64 0.00	197.17 16.78 0.00	254.54 15.18 -9.34	247.65 11.82 -28.41	196.26 9.17 -28.89	167.37 5.88 -24.65	127.86 3.36 -12.26	78.06 0.67 18.13	63.63 -0.80 15.26
HOLTSVILLE_IC_7 23696	62.58 1.76 0.00	55.43 1.09 0.00	49.90 0.83 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.54 0.63 0.00	54.69 1.23 0.00	56.29 0.00 0.00	60.95 0.60 0.00	64.68 0.39 0.00	58.37 0.07 13.53	62.19 0.33 19.65	85.64 0.95 9.92	109.23 3.68 2.51	127.08 6.49 1.88	143.61 10.64 0.00	197.17 16.78 0.00	254.54 15.18 -9.34	247.65 11.82 -28.41	196.26 9.17 -28.89	167.37 5.88 -24.65	127.86 3.36 -12.26	78.06 0.67 18.13	63.63 -0.80 15.26
HOLTSVILLE_IC_8 23697	62.58 1.76 0.00	55.43 1.09 0.00	49.90 0.83 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.54 0.63 0.00	54.69 1.23 0.00	56.29 0.00 0.00	60.95 0.60 0.00	64.68 0.39 0.00	58.37 0.07 13.53	62.19 0.33 19.65	85.64 0.95 9.92	109.23 3.68 2.51	127.08 6.49 1.88	143.61 10.64 0.00	197.17 16.78 0.00	254.54 15.18 -9.34	247.65 11.82 -28.41	196.26 9.17 -28.89	167.37 5.88 -24.65	127.86 3.36 -12.26	78.06 0.67 18.13	63.63 -0.80 15.26
HOLTSVILLE_IC_9 23698	62.58 1.76 0.00	55.43 1.09 0.00	49.90 0.83 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.54 0.63 0.00	54.69 1.23 0.00	56.29 0.00 0.00	60.95 0.60 0.00	64.68 0.39 0.00	58.37 0.07 13.53	62.19 0.33 19.65	85.64 0.95 9.92	109.23 3.68 2.51	127.08 6.49 1.88	143.61 10.64 0.00	197.17 16.78 0.00	254.54 15.18 -9.34	247.65 11.82 -28.41	196.26 9.17 -28.89	167.37 5.88 -24.65	127.86 3.36 -12.26	78.06 0.67 18.13	63.63 -0.80 15.26
HOMER_HL_115KV_TB2 355744	62.28 1.46 0.00	54.29 -0.05 0.00	48.72 -0.34 0.00	45.39 -0.50 0.00	45.97 -0.56 0.00	48.27 -0.64 0.00	52.97 -0.48 0.00	56.18 -0.11 0.00	60.89 0.54 0.00	65.90 1.61 0.00	74.77 2.95 0.00	85.91 4.40 0.00	99.81 5.20 0.00	112.82 4.75 0.00	126.76 4.29 0.00	137.75 4.79 0.00	182.92 2.53 0.00	231.18 1.15 0.00	213.44 6.02 0.00	166.58 8.38 0.00	146.29 9.44 0.00	115.72 3.48 0.00	97.05 1.53 0.00	81.67 1.99 0.00
HOWARD_WT_PWR 323690	63.13 2.31 0.00	55.21 0.87 0.00	49.66 0.59 0.00	46.22 0.32 0.00	46.81 0.28 0.00	49.39 0.49 0.00	54.15 0.69 0.00	57.19 0.90 0.00	61.62 1.27 0.00	66.35 2.06 0.00	75.07 3.24 0.00	85.99 4.48 0.00	99.71 5.11 0.00	113.15 5.08 0.00	126.88 4.40 0.00	138.42 5.45 0.00	185.27 4.87 0.00	238.22 5.75 -2.44	226.04 11.19 -7.42	179.95 12.98 -8.78	157.22 13.01 -7.36	122.12 6.17 -3.71	100.04 3.63 -0.89	83.66 3.98 0.00
HQ_GEN_CEDARS 23644	75.80 2.01 -12.98	56.10 1.63 -0.13	50.44 1.37 0.00	47.23 1.33 0.00	47.84 1.30 0.00	50.27 1.37 0.00	55.00 1.55 0.00	57.87 1.58 0.00	61.86 1.51 0.00	65.90 1.61 0.00	73.70 1.87 0.00	83.30 1.79 0.00	95.18 0.57 0.00	106.34 -1.73 0.00	118.80 -3.67 0.00	128.45 -4.52 0.00	174.26 -6.13 0.00	223.81 -6.21 0.00	201.62 -5.81 0.00	153.45 -4.75 0.00	133.01 -3.83 0.00	110.00 -2.24 0.00	96.19 0.67 0.00	96.69 2.47 -14.54
HQ_GEN_CEDARS_PROXY 323590	75.80 2.00 -12.98	56.10 1.63 -0.13	50.44 1.37 0.00	47.23 1.33 0.00	47.83 1.30 0.00	50.27 1.37 0.00	55.01 1.55 0.00	57.87 1.57 0.00	61.86 1.51 0.00	65.90 1.61 0.00	73.69 1.86 0.00	83.30 1.79 0.00	95.18 0.57 0.00	106.23 -1.84 0.00	118.92 -3.56 0.00	130.38 -4.66 -2.07	172.19 -6.13 2.07	223.83 -6.20 0.00	201.62 -5.81 0.00	153.46 -4.74 0.00	130.32 -3.83 2.70	112.92 -2.02 -2.70	96.19 0.67 0.00	96.69 2.47 -14.54

HQ_GEN_IMPORT 323601	60.89 0.48 0.41	54.72 0.38 0.00	49.36 0.30 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.25 0.34 0.00	53.83 0.38 0.00	56.69 0.40 0.00	60.71 0.36 0.00	64.68 0.39 0.00	72.34 0.51 0.00	82.00 0.49 0.00	94.70 0.09 0.00	106.88 -1.19 0.00	120.39 -2.08 0.00	132.11 -2.93 -2.07	174.36 -3.97 2.07	225.89 -4.13 0.00	203.28 -4.15 0.00	154.57 -3.63 0.00	120.40 -3.14 13.30	112.63 -1.46 -1.85	106.88 -0.10 -11.45	79.85 0.63 0.47
HQ_GEN_WHEEL 23651	60.89 0.48 0.41	54.72 0.38 0.00	49.36 0.30 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.25 0.34 0.00	53.83 0.38 0.00	56.69 0.40 0.00	60.71 0.36 0.00	64.68 0.39 0.00	72.34 0.51 0.00	82.00 0.49 0.00	94.70 0.09 0.00	106.88 -1.19 0.00	120.39 -2.08 0.00	132.11 -2.93 -2.07	174.36 -3.97 2.07	225.89 -4.13 0.00	203.28 -4.15 0.00	154.57 -3.63 0.00	120.40 -3.14 13.30	112.63 -1.46 -1.85	106.88 -0.10 -11.45	79.85 0.63 0.47
HUDSON AVE_GT_3 23810	61.61 0.79 0.00	55.26 0.92 0.00	50.24 1.18 0.00	47.00 1.10 0.00	47.60 1.07 0.00	50.03 1.12 0.00	54.90 1.44 0.00	57.76 1.46 0.00	62.16 1.81 0.00	66.22 1.93 0.00	73.63 1.80 0.00	83.71 2.20 0.00	97.73 3.12 0.00	113.69 5.62 0.00	130.80 8.33 0.00	143.47 10.50 0.00	196.09 15.69 -9.33	257.30 17.94 -28.40	249.93 14.10 -33.60	202.09 10.28 -33.60	172.69 7.66 -28.18	131.71 5.28 -14.19	101.80 2.87 -3.42	80.32 0.64 0.00
HUDSON AVE_GT_4 23540	61.61 0.79 0.00	55.26 0.92 0.00	50.24 1.18 0.00	47.00 1.10 0.00	47.60 1.07 0.00	50.03 1.12 0.00	54.90 1.44 0.00	57.76 1.46 0.00	62.16 1.81 0.00	66.22 1.93 0.00	73.63 1.80 0.00	83.71 2.20 0.00	97.73 3.12 0.00	113.69 5.62 0.00	130.80 8.33 0.00	143.47 10.50 0.00	196.09 15.69 -9.33	257.30 17.94 -28.40	249.93 14.10 -33.60	202.09 10.28 -33.60	172.69 7.66 -28.18	131.71 5.28 -14.19	101.80 2.87 -3.42	80.32 0.64 0.00
HUDSON AVE_GT_5 23657	61.61 0.79 0.00	55.26 0.92 0.00	50.24 1.18 0.00	47.00 1.10 0.00	47.60 1.07 0.00	50.03 1.12 0.00	54.90 1.44 0.00	57.76 1.46 0.00	62.16 1.81 0.00	66.22 1.93 0.00	73.63 1.80 0.00	83.71 2.20 0.00	97.73 3.12 0.00	113.69 5.62 0.00	130.80 8.33 0.00	143.47 10.50 0.00	196.09 15.69 0.00	257.30 17.94 -9.33	249.93 14.10 -28.40	202.09 10.28 -33.60	172.69 7.66 -28.18	131.71 5.28 -14.19	101.80 2.87 -3.42	80.32 0.64 0.00
HUDSON_AVE_10 24168	61.49 0.67 0.00	55.15 0.82 0.00	50.14 1.08 0.00	46.95 1.06 0.00	47.51 0.98 0.00	49.93 1.03 0.00	54.84 1.39 0.00	57.64 1.35 0.00	62.10 1.75 0.00	66.09 1.80 0.00	73.41 1.58 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	131.49 7.96 -1.06	143.20 10.24 0.00	195.73 15.33 0.00	257.07 17.71 -9.33	249.72 13.90 -28.40	204.60 10.12 -36.27	174.56 7.53 -30.19	132.57 5.05 -15.28	101.71 2.77 -3.42	80.24 0.56 0.00
HUDSON___115KV_TB 4 355613	62.82 2.01 0.00	56.24 1.90 0.00	50.78 1.72 0.00	47.41 1.51 0.00	48.16 1.63 0.00	50.62 1.71 0.00	55.22 1.76 0.00	57.70 1.41 0.00	61.38 1.03 0.00	64.81 0.51 0.00	71.97 0.14 0.00	81.59 0.08 0.00	95.08 0.47 0.00	110.12 2.05 0.00	126.27 3.80 0.00	138.15 5.19 0.00	188.33 7.94 0.00	263.90 9.89 -23.98	310.76 7.88 -95.45	289.32 5.54 -125.58	253.80 4.79 -112.16	180.26 4.15 -63.87	113.67 2.77 -15.38	81.51 1.83 0.00
HUNTER MOUNT___DRP 323613	63.07 2.25 0.00	56.40 2.06 0.00	50.88 1.82 0.00	47.50 1.61 0.00	48.21 1.68 0.00	50.71 1.81 0.00	55.38 1.92 0.00	57.87 1.58 0.00	61.44 1.09 0.00	64.74 0.45 0.00	71.90 0.07 0.00	81.43 -0.08 0.00	95.08 0.47 0.00	110.01 1.95 0.00	126.27 3.80 0.00	138.15 5.19 0.00	188.33 7.94 0.00	249.70 9.89 -9.78	276.97 7.05 -62.49	255.44 4.90 -92.34	228.61 4.38 -87.39	171.26 4.27 -54.75	111.57 2.87 -13.18	81.75 2.07 0.00
HUNTINGTON_RES_REC 323705	62.22 1.40 0.00	55.10 0.76 0.00	49.66 0.59 0.00	46.13 0.23 0.00	46.77 0.23 0.00	49.29 0.39 0.00	54.36 0.91 0.00	56.18 -0.11 0.00	60.83 0.48 0.00	64.48 0.19 0.00	57.76 -0.58 13.49	61.60 -0.32 19.58	85.01 0.28 9.89	108.37 2.81 2.51	126.23 5.64 1.88	142.54 9.58 0.00	195.72 15.32 0.00	254.78 15.41 -9.34	247.44 11.61 -28.41	195.15 8.06 -28.89	166.41 4.92 -24.65	127.08 2.58 -12.26	77.36 -0.10 18.06	62.87 -1.59 15.21
HUNTLEY___63 23557	62.76 1.95 0.00	54.72 0.38 0.00	49.11 0.05 0.00	45.71 -0.18 0.00	46.21 -0.33 0.00	48.47 -0.44 0.00	52.87 -0.59 0.00	56.07 -0.23 0.00	60.77 0.42 0.00	66.09 1.80 0.00	74.99 3.16 0.00	86.16 4.65 0.00	100.10 5.49 0.00	112.39 4.32 0.00	126.15 3.67 0.00	136.82 3.86 0.00	181.12 0.72 0.00	228.65 -1.38 0.00	211.57 4.15 0.00	165.16 6.96 0.00	145.60 8.76 0.00	114.49 2.24 0.00	96.38 0.86 0.00	81.99 2.31 0.00
HUNTLEY___64 23558	62.76 1.95 0.00	54.72 0.38 0.00	49.11 0.05 0.00	45.71 -0.18 0.00	46.21 -0.33 0.00	48.47 -0.44 0.00	52.87 -0.59 0.00	56.07 -0.23 0.00	60.77 0.42 0.00	66.09 1.80 0.00	74.99 3.16 0.00	86.16 4.65 0.00	100.10 5.49 0.00	112.39 4.32 0.00	126.15 3.67 0.00	136.82 3.86 0.00	181.12 0.72 0.00	228.65 -1.38 0.00	211.57 4.15 0.00	165.16 6.96 0.00	145.60 8.76 0.00	114.49 2.24 0.00	96.38 0.86 0.00	81.99 2.31 0.00
HUNTLEY___65 23559	62.76 1.95 0.00	54.72 0.38 0.00	49.11 0.05 0.00	45.71 -0.18 0.00	46.21 -0.33 0.00	48.47 -0.44 0.00	52.87 -0.59 0.00	56.07 -0.23 0.00	60.77 0.42 0.00	66.09 1.80 0.00	74.99 3.16 0.00	86.16 4.65 0.00	100.10 5.49 0.00	112.39 4.32 0.00	126.15 3.67 0.00	136.82 3.86 0.00	181.12 0.72 0.00	228.65 -1.38 0.00	211.57 4.15 0.00	165.16 6.96 0.00	145.60 8.76 0.00	114.49 2.24 0.00	96.38 0.86 0.00	81.99 2.31 0.00
HUNTLEY___66 23560	62.76 1.95 0.00	54.72 0.38 0.00	49.11 0.05 0.00	45.71 -0.18 0.00	46.21 -0.33 0.00	48.47 -0.44 0.00	52.87 -0.59 0.00	56.07 -0.23 0.00	60.77 0.42 0.00	66.09 1.80 0.00	74.99 3.16 0.00	86.16 4.65 0.00	100.10 5.49 0.00	112.39 4.32 0.00	126.15 3.67 0.00	136.82 3.86 0.00	181.12 0.72 0.00	228.65 -1.38 0.00	211.57 4.15 0.00	165.16 6.96 0.00	145.60 8.76 0.00	114.49 2.24 0.00	96.38 0.86 0.00	81.99 2.31 0.00
HUNTLEY___67 23561	62.46 1.64 0.00	54.29 -0.05 0.00	48.77 -0.29 0.00	45.44 -0.46 0.00	45.93 -0.60 0.00	48.17 -0.73 0.00	52.55 -0.91 0.00	55.73 -0.56 0.00	60.65 0.30 0.00	65.83 1.54 0.00	74.63 2.80 0.00	85.75 4.24 0.00	99.53 4.92 0.00	111.96 3.89 0.00	125.78 3.31 0.00	136.42 3.46 0.00	180.39 0.00 0.00	227.73 -2.30 0.00	210.54 3.11 0.00	164.53 6.33 0.00	145.06 8.21 0.00	114.26 2.02 0.00	96.00 0.48 0.00	81.51 1.83 0.00
HUNTLEY___68 23562	62.46 1.64 0.00	54.29 -0.05 0.00	48.77 -0.29 0.00	45.44 -0.46 0.00	45.93 -0.60 0.00	48.17 -0.73 0.00	52.55 -0.91 0.00	55.73 -0.56 0.00	60.65 0.30 0.00	65.83 1.54 0.00	74.63 2.80 0.00	85.75 4.24 0.00	99.53 4.92 0.00	111.96 3.89 0.00	125.78 3.31 0.00	136.42 3.46 0.00	180.39 0.00 0.00	227.73 -2.30 0.00	210.54 3.11 0.00	164.53 6.33 0.00	145.06 8.21 0.00	114.26 2.02 0.00	96.00 0.48 0.00	81.51 1.83 0.00

HYLAND___LFGE 323620	64.10 3.28 0.00	56.03 1.69 0.00	50.44 1.37 0.00	46.81 0.92 0.00	47.32 0.79 0.00	50.08 1.17 0.00	54.74 1.28 0.00	57.42 1.13 0.00	61.08 0.73 0.00	64.74 0.45 0.00	72.55 0.72 0.00	82.73 1.22 0.00	95.93 1.32 0.00	102.67 -5.40 0.00	115.62 -6.86 0.00	125.65 -7.31 0.00	168.48 -11.91 0.00	218.76 -11.27 0.00	208.47 1.04 0.00	164.53 6.33 0.00	144.09 7.25 0.00	115.27 3.03 0.00	95.91 0.38 0.00	84.70 5.02 0.00
INDECK___CORINTH 23802	63.13 2.31 0.00	56.24 1.90 0.00	50.68 1.62 0.00	47.32 1.42 0.00	48.07 1.53 0.00	50.57 1.66 0.00	55.22 1.76 0.00	58.04 1.75 0.00	61.68 1.33 0.00	65.00 0.71 0.00	71.61 -0.21 0.00	81.35 -0.16 0.00	94.80 0.19 0.00	110.01 1.95 0.00	126.14 3.67 0.00	138.68 5.71 0.00	189.23 8.84 0.00	337.99 11.72 -96.24	511.02 10.78 -292.81	514.16 9.49 -346.47	435.65 8.21 -290.60	264.85 6.28 -146.33	135.43 4.68 -35.23	82.78 3.10 0.00
INDECK___ILION 23567	60.63 -0.18 0.00	54.23 -0.11 0.00	48.97 -0.10 0.00	45.80 -0.09 0.00	46.44 -0.09 0.00	48.86 -0.05 0.00	53.40 -0.05 0.00	56.24 -0.06 0.00	60.29 -0.06 0.00	64.16 -0.13 0.00	71.69 -0.14 0.00	81.35 -0.16 0.00	94.61 0.00 0.00	108.50 0.43 0.00	123.33 0.86 0.00	134.16 1.20 0.00	182.02 1.62 0.00	231.87 1.84 0.00	209.29 1.87 0.00	159.78 1.58 0.00	138.08 1.23 0.00	113.03 0.79 0.00	95.71 0.19 0.00	79.60 -0.08 0.00
INDECK___OLEAN 23982	62.27 1.46 0.00	54.29 -0.05 0.00	48.77 -0.29 0.00	45.39 -0.50 0.00	45.93 -0.61 0.00	48.27 -0.64 0.00	52.97 -0.48 0.00	56.18 -0.11 0.00	60.95 0.60 0.00	65.96 1.67 0.00	74.85 3.02 0.00	85.91 4.40 0.00	99.81 5.20 0.00	113.15 5.08 0.00	126.39 3.92 0.00	138.02 5.05 0.00	183.46 3.06 0.00	231.18 1.16 0.00	213.45 6.02 0.00	167.05 8.85 0.00	146.28 9.44 0.00	115.60 3.36 0.00	97.05 1.52 0.00	81.75 2.07 0.00
INDECK___OSWEGO 23783	59.63 -1.52 -0.33	52.82 -1.52 0.00	47.64 -1.42 0.00	44.47 -1.42 0.00	45.09 -1.44 0.00	47.44 -1.47 0.00	51.90 -1.55 0.00	54.66 -1.63 0.00	58.66 -1.69 0.00	62.62 -1.67 0.00	70.11 -1.72 0.00	79.55 -1.96 0.00	92.53 -2.08 0.00	106.01 -2.06 0.00	120.02 -2.45 0.00	130.58 -2.39 0.00	176.79 -3.61 0.00	225.65 -4.38 0.00	204.72 -2.70 0.00	157.10 -1.10 0.00	136.03 -0.82 0.00	110.44 -1.80 0.00	93.51 -2.01 0.00	78.22 -1.83 -0.37
INDECK___YERKES 23781	62.76 1.95 0.00	54.77 0.43 0.00	49.16 0.10 0.00	45.80 -0.09 0.00	46.35 -0.19 0.00	48.51 -0.39 0.00	52.92 -0.53 0.00	56.12 -0.17 0.00	61.19 0.84 0.00	66.16 1.87 0.00	75.14 3.31 0.00	86.15 4.64 0.00	100.19 5.58 0.00	112.93 4.87 0.00	125.90 3.42 0.00	137.22 4.25 0.00	181.83 1.44 0.00	228.65 -1.37 0.00	211.57 4.15 0.00	165.64 7.44 0.00	145.61 8.77 0.00	114.37 2.13 0.00	96.38 0.86 0.00	81.91 2.23 0.00
INDIAN POINT_GT_1 24139	61.36 0.55 0.00	55.05 0.71 0.00	49.90 0.83 0.00	46.68 0.78 0.00	47.28 0.74 0.00	49.74 0.83 0.00	54.52 1.07 0.00	57.42 1.13 0.00	61.68 1.33 0.00	65.64 1.35 0.00	73.12 1.29 0.00	82.90 1.39 0.00	96.88 2.27 0.00	112.50 4.43 0.00	129.33 6.86 0.00	141.74 8.78 0.00	193.56 13.17 0.00	254.21 14.95 -9.24	247.15 11.62 -28.10	199.84 8.38 -33.25	171.03 6.29 -27.89	130.66 4.38 -14.04	101.00 2.10 -3.38	80.00 0.32 0.00
INDIAN POINT_GT_2 23659	61.36 0.55 0.00	55.05 0.71 0.00	49.90 0.83 0.00	46.68 0.78 0.00	47.28 0.74 0.00	49.74 0.83 0.00	54.52 1.07 0.00	57.42 1.13 0.00	61.68 1.33 0.00	65.64 1.35 0.00	73.12 1.29 0.00	82.90 1.39 0.00	96.88 2.27 0.00	112.50 4.43 0.00	129.33 6.86 0.00	141.74 8.78 0.00	193.56 13.17 0.00	254.21 14.95 -9.24	247.15 11.62 -28.10	199.84 8.38 -33.25	171.03 6.29 -27.89	130.66 4.38 -14.04	101.00 2.10 -3.38	80.00 0.32 0.00
INDIAN POINT_GT_3 24019	61.36 0.55 0.00	55.05 0.71 0.00	49.90 0.83 0.00	46.68 0.78 0.00	47.28 0.74 0.00	49.74 0.83 0.00	54.52 1.07 0.00	57.42 1.13 0.00	61.68 1.33 0.00	65.64 1.35 0.00	73.12 1.29 0.00	82.90 1.39 0.00	96.88 2.27 0.00	112.50 4.43 0.00	129.33 6.86 0.00	141.74 8.78 0.00	193.56 13.17 0.00	254.21 14.95 -9.24	247.15 11.62 -28.10	199.84 8.38 -33.25	171.03 6.29 -27.89	130.66 4.38 -14.04	101.00 2.10 -3.38	80.00 0.32 0.00
INDIAN POINT___2 23530	61.30 0.48 0.00	54.99 0.65 0.00	49.85 0.78 0.00	46.59 0.69 0.00	47.23 0.70 0.00	49.69 0.78 0.00	54.47 1.01 0.00	57.36 1.07 0.00	61.62 1.27 0.00	65.58 1.29 0.00	72.98 1.15 0.00	82.81 1.30 0.00	96.69 2.08 0.00	112.28 4.21 0.00	128.96 6.49 0.00	141.48 8.52 0.00	192.83 12.44 0.00	253.39 14.27 -9.09	246.08 10.99 -27.67	198.84 7.91 -32.74	170.19 5.88 -27.46	130.22 4.16 -13.83	100.86 2.01 -3.33	79.92 0.24 0.00
INDIAN POINT___3 23531	61.30 0.49 0.00	54.99 0.65 0.00	49.85 0.79 0.00	46.63 0.73 0.00	47.23 0.70 0.00	49.69 0.78 0.00	54.47 1.02 0.00	57.36 1.07 0.00	61.68 1.33 0.00	65.58 1.29 0.00	72.98 1.15 0.00	82.81 1.30 0.00	96.69 2.08 0.00	112.28 4.21 0.00	129.09 6.61 0.00	141.48 8.51 0.00	193.02 12.63 0.00	253.53 14.26 -9.24	246.54 10.99 -28.12	199.38 7.91 -33.27	170.64 5.88 -27.91	130.45 4.15 -14.05	100.91 2.01 -3.38	79.92 0.24 0.00
INGHAM_C_115KV_TB7 356103	60.21 -0.61 0.00	53.80 -0.54 0.00	48.57 -0.49 0.00	45.44 -0.46 0.00	46.07 -0.47 0.00	48.47 -0.44 0.00	53.08 -0.37 0.00	55.84 -0.45 0.00	59.81 -0.54 0.00	63.71 -0.58 0.00	71.11 -0.72 0.00	80.69 -0.82 0.00	93.85 -0.76 0.00	107.74 -0.32 0.00	122.35 -0.12 0.00	133.10 0.13 0.00	180.76 0.36 0.00	230.03 0.00 0.00	207.84 0.41 0.00	158.67 0.47 0.00	136.98 0.14 0.00	112.24 0.00 0.00	95.14 -0.38 0.00	79.04 -0.64 0.00
IP CORINTH___1 23988	63.49 2.68 0.00	56.57 2.23 0.00	50.98 1.91 0.00	47.55 1.65 0.00	48.35 1.81 0.00	50.86 1.96 0.00	55.54 2.08 0.00	58.38 2.08 0.00	62.04 1.69 0.00	65.38 1.09 0.00	72.05 0.22 0.00	81.84 0.33 0.00	95.37 0.76 0.00	110.66 2.59 0.00	126.88 4.41 0.00	139.48 6.52 0.00	190.32 9.92 0.00	339.38 13.11 -96.24	512.27 12.03 -292.81	515.11 10.44 -346.47	436.47 9.03 -290.60	265.53 6.96 -146.33	136.01 5.25 -35.23	83.27 3.59 0.00
IP___TICONDEROGA 23804	67.14 6.32 0.00	59.50 5.16 0.00	53.48 4.42 0.00	49.80 3.90 0.00	50.72 4.19 0.00	53.40 4.50 0.00	58.21 4.76 0.00	61.08 4.78 0.00	64.57 4.22 0.00	67.70 3.41 0.00	74.77 2.95 0.00	84.93 3.42 0.00	99.15 4.54 0.00	115.09 7.02 0.00	132.39 9.92 0.00	145.86 12.90 0.00	199.34 18.94 0.00	351.14 25.76 -95.35	522.20 24.68 -290.09	521.69 20.25 -343.24	442.80 18.06 -287.89	271.01 13.81 -144.97	141.60 11.18 -34.90	88.21 8.53 0.00
ISLIP_RES_REC 323679	62.94 2.13 0.00	55.70 1.36 0.00	50.14 1.08 0.00	46.54 0.64 0.00	47.18 0.65 0.00	49.79 0.88 0.00	54.95 1.49 0.00	56.58 0.28 0.00	61.31 0.96 0.00	65.07 0.77 0.00	59.02 0.65 13.46	63.03 1.06 19.54	86.54 1.79 9.86	110.21 4.64 2.50	128.33 7.72 1.86	145.06 12.10 0.00	199.15 18.76 0.00	257.32 17.95 -9.34	250.13 14.30 -28.41	198.04 10.91 -28.93	168.91 7.38 -24.68	128.89 4.37 -12.28	78.84 1.34 18.01	64.29 -0.24 15.15

JAMAICA__27_KV_LOAD 355505	61.91 1.09 0.00	55.48 1.14 0.00	50.44 1.37 0.00	47.27 1.38 0.00	47.84 1.30 0.00	50.27 1.37 0.00	55.27 1.82 0.00	58.15 1.86 0.00	62.64 2.29 0.00	66.73 2.44 0.00	73.84 2.01 0.00	84.04 2.53 0.00	98.11 3.50 0.00	114.33 6.27 0.00	132.99 9.19 -1.34	144.53 11.57 0.00	197.89 17.50 0.00	259.83 20.47 -9.33	252.42 16.59 -28.40	207.52 12.34 -36.98	176.87 9.31 -30.72	134.10 6.29 -15.57	102.95 4.01 -3.42	80.95 1.27 0.00
JANIS__SOLAR 323808	64.10 3.28 0.00	56.79 2.45 0.00	51.12 2.06 0.00	47.73 1.84 0.00	48.40 1.86 0.00	51.05 2.15 0.00	56.02 2.57 0.00	58.99 2.70 0.00	62.94 2.59 0.00	66.87 2.57 0.00	74.63 2.80 0.00	84.77 3.26 0.00	98.49 3.88 0.00	113.15 5.08 0.00	127.99 5.52 0.00	140.01 7.04 0.00	190.49 10.10 0.00	249.60 14.94 -4.63	239.76 18.26 -14.08	191.62 16.76 -16.66	165.74 14.92 -13.97	128.59 9.31 -7.04	103.71 6.50 -1.69	84.94 5.26 0.00
JARVIS____ 23743	60.76 -0.06 0.00	54.34 0.00 0.00	49.06 0.00 0.00	45.90 0.00 0.00	46.53 0.00 0.00	48.91 0.00 0.00	53.45 0.00 0.00	56.29 0.00 0.00	60.35 0.00 0.00	64.29 0.00 0.00	71.76 -0.07 0.00	81.43 -0.08 0.00	94.61 0.00 0.00	108.61 0.54 0.00	123.34 0.86 0.00	134.16 1.19 0.00	182.01 1.62 0.00	231.86 1.83 0.00	209.08 1.65 0.00	159.62 1.42 0.00	137.94 1.09 0.00	112.92 0.68 0.00	95.81 0.29 0.00	79.68 0.00 0.00
JENNISON____1 23625	64.10 3.28 0.00	57.00 2.66 0.00	51.32 2.26 0.00	47.96 2.07 0.00	48.63 2.09 0.00	51.25 2.35 0.00	56.18 2.73 0.00	59.28 2.98 0.00	63.43 3.08 0.00	67.70 3.41 0.00	75.78 3.95 0.00	86.24 4.73 0.00	100.38 5.77 0.00	115.41 7.35 0.00	130.92 8.45 0.00	142.94 9.97 0.00	193.92 13.53 0.00	255.49 17.94 -7.52	249.60 19.29 -22.88	201.89 16.61 -27.08	174.06 14.51 -22.71	133.22 9.54 -11.44	104.87 6.59 -2.75	84.86 5.18 0.00
JENNISON____2 23626	64.10 3.28 0.00	57.00 2.66 0.00	51.32 2.26 0.00	47.96 2.07 0.00	48.63 2.09 0.00	51.25 2.35 0.00	56.18 2.73 0.00	59.28 2.98 0.00	63.43 3.08 0.00	67.70 3.41 0.00	75.78 3.95 0.00	86.24 4.73 0.00	100.38 5.77 0.00	115.41 7.35 0.00	130.92 8.45 0.00	142.94 9.97 0.00	193.92 13.53 0.00	255.49 17.94 -7.52	249.60 19.29 -22.88	201.89 16.61 -27.08	174.06 14.51 -22.71	133.22 9.54 -11.44	104.87 6.59 -2.75	84.86 5.18 0.00
JERICOHO_RISE_WT_PWR 323719	62.07 0.37 -0.89	54.57 0.22 -0.01	49.21 0.15 0.00	46.22 0.32 0.00	46.90 0.37 0.00	49.20 0.30 0.00	54.04 0.59 0.00	56.91 0.62 0.00	61.01 0.67 0.00	65.00 0.71 0.00	72.69 0.87 0.00	82.24 0.73 0.00	94.42 -0.19 0.00	106.12 -1.94 0.00	119.29 -3.18 0.00	128.71 -4.26 0.00	174.61 -5.78 0.00	224.28 -5.74 0.00	201.84 -5.59 0.00	153.29 -4.91 0.00	132.87 -3.97 0.00	110.10 -2.14 0.00	95.24 -0.29 0.00	82.33 1.03 -1.62
KATONAH__115KV_46KV_TB4 355592	61.79 0.97 0.00	55.43 1.09 0.00	50.24 1.18 0.00	46.91 1.01 0.00	47.56 1.02 0.00	50.08 1.17 0.00	54.90 1.44 0.00	57.76 1.46 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.55 1.72 0.00	83.63 2.12 0.00	97.73 3.12 0.00	113.58 5.51 0.00	130.68 8.21 0.00	143.34 10.37 0.00	195.91 15.51 0.00	257.25 17.71 -9.51	250.46 14.10 -28.93	202.55 10.12 -34.23	173.36 7.80 -28.71	132.20 5.50 -14.46	101.87 2.87 -3.48	80.72 1.04 0.00
KCE_NY_1 323755	63.49 2.67 0.00	56.67 2.33 0.00	51.12 2.06 0.00	47.78 1.88 0.00	48.49 1.95 0.00	51.01 2.10 0.00	55.65 2.19 0.00	58.49 2.19 0.00	62.28 1.93 0.00	65.70 1.41 0.00	72.91 1.08 0.00	82.81 1.30 0.00	96.60 1.99 0.00	111.95 3.88 0.00	128.23 5.76 0.00	140.54 7.58 0.00	191.58 11.19 0.00	338.15 14.03 -94.09	506.55 12.87 -286.25	506.88 9.97 -338.71	429.56 8.63 -284.09	261.91 6.62 -143.05	134.93 4.96 -34.44	83.03 3.35 0.00
KCE_NY_6_ESR 323823	63.31 2.49 0.00	55.04 0.70 0.00	49.41 0.35 0.00	46.03 0.14 0.00	46.44 -0.09 0.00	48.81 -0.10 0.00	53.35 -0.11 0.00	56.58 0.28 0.00	61.62 1.27 0.00	66.87 2.57 0.00	75.92 4.09 0.00	87.13 5.62 0.00	101.33 6.72 0.00	114.55 6.48 0.00	127.86 5.38 0.00	139.48 6.51 0.00	184.91 4.51 0.00	232.80 2.77 0.00	215.31 7.88 0.00	168.64 10.44 0.00	147.93 11.08 0.00	116.50 4.26 0.00	97.81 2.29 0.00	82.78 3.10 0.00
KEDC PORT_JEFF_GT2 24210	62.40 1.58 0.00	55.26 0.92 0.00	49.75 0.69 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.39 0.49 0.00	54.52 1.07 0.00	55.84 -0.45 0.00	60.47 0.12 0.00	64.16 -0.13 0.00	57.68 -0.58 13.57	61.40 -0.41 19.70	84.48 -0.19 9.94	107.92 2.37 2.52	125.61 5.02 1.89	141.74 8.77 0.00	194.64 14.25 0.00	252.00 12.64 -9.34	245.38 9.55 -28.41	193.86 6.80 -28.87	165.17 3.70 -24.63	126.28 1.79 -12.25	76.76 -0.57 18.19	63.01 -1.36 15.31
KEDC PORT_JEFF_GT3 24211	62.40 1.58 0.00	55.26 0.92 0.00	49.75 0.69 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.39 0.49 0.00	54.52 1.07 0.00	55.84 -0.45 0.00	60.47 0.12 0.00	64.16 -0.13 0.00	57.68 -0.58 13.57	61.40 -0.41 19.70	84.48 -0.19 9.94	107.92 2.37 2.52	125.61 5.02 1.89	141.74 8.77 0.00	194.64 14.25 0.00	252.00 12.64 -9.34	245.38 9.55 -28.41	193.86 6.80 -28.87	165.17 3.70 -24.63	126.28 1.79 -12.25	76.76 -0.57 18.19	63.01 -1.36 15.31
KEDC_GLWD_GT4 24219	62.22 1.40 0.00	55.48 1.14 0.00	50.19 1.13 0.00	46.81 0.92 0.00	47.41 0.88 0.00	49.93 1.03 0.00	54.84 1.39 0.00	57.42 1.13 0.00	61.92 1.57 0.00	65.32 1.03 0.00	68.42 1.08 4.49	76.36 1.38 6.53	93.58 2.27 3.30	111.98 4.75 0.84	129.94 7.47 0.00	143.47 10.50 0.00	196.27 15.88 0.00	257.08 17.71 -9.34	249.73 13.90 -28.41	201.46 9.65 -33.61	172.01 6.98 -28.19	131.04 4.60 -14.19	93.60 1.81 3.74	75.78 -0.08 3.82
KEDC_GLWD_GT5 24220	62.22 1.40 0.00	55.48 1.14 0.00	50.19 1.13 0.00	46.81 0.92 0.00	47.41 0.88 0.00	49.93 1.03 0.00	54.84 1.39 0.00	57.42 1.13 0.00	61.92 1.57 0.00	65.32 1.03 0.00	68.42 1.08 4.49	76.36 1.38 6.53	93.58 2.27 3.30	111.98 4.75 0.84	129.94 7.47 0.00	143.47 10.50 0.00	196.27 15.88 0.00	257.08 17.71 -9.34	249.73 13.90 -28.41	201.46 9.65 -33.61	172.01 6.98 -28.19	131.04 4.60 -14.19	93.60 1.81 3.74	75.78 -0.08 3.82
KENSICO____ 23655	61.55 0.73 0.00	55.15 0.82 0.00	50.05 0.98 0.00	46.81 0.92 0.00	47.42 0.88 0.00	49.83 0.93 0.00	54.68 1.23 0.00	57.53 1.24 0.00	61.86 1.51 0.00	65.83 1.54 0.00	73.34 1.51 0.00	83.22 1.71 0.00	97.16 2.55 0.00	112.93 4.86 0.00	129.82 7.35 0.00	142.27 9.31 0.00	194.28 13.89 0.00	255.21 15.87 -9.32	248.22 12.45 -28.35	200.76 9.02 -33.54	171.69 6.71 -28.13	131.12 4.71 -14.17	101.32 2.39 -3.41	80.16 0.48 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	62.03 1.22 0.00	55.54 1.20 0.00	50.29 1.23 0.00	46.95 1.06 0.00	47.56 1.02 0.00	50.08 1.17 0.00	54.95 1.50 0.00	57.81 1.52 0.00	62.04 1.69 0.00	65.90 1.61 0.00	73.34 1.51 0.00	83.14 1.63 0.00	97.35 2.74 0.00	112.71 4.65 0.00	129.58 7.10 0.00	142.01 9.04 0.00	194.10 13.71 0.00	255.14 16.79 -8.32	250.73 14.10 -29.19	204.89 9.97 -36.73	176.77 7.94 -31.98	135.46 5.84 -17.38	103.14 3.44 -4.18	81.11 1.43 0.00

KIAC_JFK_GT1 23816	61.30 0.49 0.00	54.94 0.60 0.00	49.95 0.88 0.00	47.00 1.10 0.00	47.56 1.02 0.00	49.79 0.88 0.00	54.79 1.34 0.00	57.59 1.29 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.05 1.22 0.00	83.14 1.63 0.00	97.07 2.46 0.00	113.15 5.08 0.00	131.65 7.84 -1.34	143.07 10.11 0.00	195.73 15.33 0.00	257.07 17.71 -9.33	249.93 14.10 -28.40	205.46 10.28 -36.98	175.23 7.66 -30.72	132.75 4.94 -15.57	101.90 2.96 -3.42	80.08 0.40 0.00
KIAC_JFK_GT2 23817	61.30 0.49 0.00	54.94 0.60 0.00	49.95 0.88 0.00	47.00 1.10 0.00	47.56 1.02 0.00	49.79 0.88 0.00	54.79 1.34 0.00	57.59 1.29 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.05 1.22 0.00	83.14 1.63 0.00	97.07 2.46 0.00	113.15 5.08 0.00	131.65 7.84 -1.34	143.07 10.11 0.00	195.73 15.33 0.00	257.07 17.71 -9.33	249.93 14.10 -28.40	205.46 10.28 -36.98	175.23 7.66 -30.72	132.75 4.94 -15.57	101.90 2.96 -3.42	80.08 0.40 0.00
KIAC_JFK____ 323774	61.30 0.48 0.00	54.94 0.60 0.00	49.95 0.88 0.00	47.00 1.10 0.00	47.55 1.02 0.00	49.79 0.88 0.00	54.79 1.34 0.00	57.59 1.30 0.00	62.04 1.69 0.00	66.09 1.80 0.00	73.05 1.22 0.00	83.14 1.63 0.00	97.06 2.46 0.00	113.15 5.08 0.00	131.53 7.72 -1.34	143.07 10.10 0.00	195.55 15.16 0.00	257.07 17.71 -9.33	249.94 14.11 -28.40	205.31 10.13 -36.98	175.22 7.66 -30.72	132.74 4.93 -15.57	101.90 2.96 -3.42	80.08 0.40 0.00
KINTIGH__24_KV_GSU 356498	61.79 0.97 0.00	53.90 -0.44 0.00	48.48 -0.59 0.00	45.16 -0.74 0.00	45.65 -0.89 0.00	47.93 -0.98 0.00	52.33 -1.13 0.00	55.45 -0.84 0.00	60.29 -0.06 0.00	65.26 0.97 0.00	73.91 2.08 0.00	84.44 2.93 0.00	98.11 3.50 0.00	110.87 2.81 0.00	124.19 1.71 0.00	134.57 1.60 0.00	178.77 -1.63 0.00	225.65 -4.38 0.00	208.68 1.25 0.00	162.94 4.74 0.00	142.86 6.01 0.00	113.13 0.89 0.00	95.24 -0.29 0.00	80.56 0.88 0.00
KINTIGH____ 23543	61.79 0.97 0.00	53.90 -0.43 0.00	48.48 -0.59 0.00	45.12 -0.78 0.00	45.65 -0.88 0.00	47.93 -0.98 0.00	52.33 -1.12 0.00	55.45 -0.84 0.00	60.23 -0.12 0.00	65.19 0.90 0.00	73.77 1.94 0.00	84.44 2.93 0.00	98.01 3.41 0.00	110.44 2.38 0.00	124.43 1.96 0.00	134.43 1.46 0.00	178.41 -1.98 0.00	225.88 -4.14 0.00	208.67 1.24 0.00	162.47 4.27 0.00	142.87 6.02 0.00	113.25 1.01 0.00	95.23 -0.29 0.00	80.56 0.88 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	61.79 0.97 0.00	55.05 0.71 0.00	49.60 0.54 0.00	46.72 0.83 0.00	47.42 0.88 0.00	49.59 0.68 0.00	54.52 1.07 0.00	57.36 1.07 0.00	61.50 1.15 0.00	65.51 1.22 0.00	73.27 1.44 0.00	82.90 1.39 0.00	94.89 0.28 0.00	106.77 -1.30 0.00	119.78 -2.69 0.00	129.64 -3.32 0.00	175.88 -4.51 0.00	226.35 -3.68 0.00	203.90 -3.53 0.00	155.04 -3.16 0.00	134.66 -2.19 0.00	110.89 -1.35 0.00	95.90 0.38 0.00	82.34 1.75 -0.91
LACHUTE____HYDRO 323717	67.14 6.32 0.00	59.50 5.17 0.00	53.48 4.42 0.00	49.79 3.90 0.00	50.72 4.19 0.00	53.40 4.50 0.00	58.21 4.76 0.00	61.07 4.78 0.00	64.57 4.22 0.00	67.70 3.41 0.00	74.71 2.88 0.00	84.93 3.42 0.00	99.15 4.54 0.00	115.09 7.02 0.00	132.27 9.80 0.00	145.86 12.89 0.00	199.33 18.94 0.00	351.13 25.76 -95.35	522.19 24.67 -290.09	521.70 20.25 -343.24	442.80 18.06 -287.89	271.01 13.80 -144.97	141.59 11.17 -34.90	88.21 8.53 0.00
LAWRNCALV_115KV_TB1 80681	73.31 2.31 -10.18	56.29 1.85 -0.10	50.63 1.57 0.00	47.41 1.51 0.00	47.88 1.35 0.00	50.37 1.47 0.00	55.11 1.66 0.00	57.92 1.63 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.70 1.87 0.00	83.06 1.55 0.00	93.85 -0.76 0.00	104.93 -3.13 0.00	116.96 -5.51 0.00	126.58 -6.38 0.00	171.92 -8.48 0.00	221.28 -8.74 0.00	199.54 -7.88 0.00	152.19 -6.01 0.00	131.78 -5.06 0.00	108.99 -3.25 0.00	95.62 0.10 0.00	93.70 2.55 -11.47
LEDERLE____ 23769	61.61 0.79 0.00	55.21 0.87 0.00	50.05 0.98 0.00	46.77 0.87 0.00	47.37 0.84 0.00	49.83 0.93 0.00	54.68 1.23 0.00	57.64 1.35 0.00	61.98 1.63 0.00	65.96 1.67 0.00	73.48 1.65 0.00	83.22 1.71 0.00	97.26 2.65 0.00	112.93 4.86 0.00	129.82 7.35 0.00	142.27 9.31 0.00	194.10 13.71 0.00	254.66 15.64 -8.99	247.23 12.45 -27.36	199.43 8.86 -32.37	170.70 6.71 -27.15	130.74 4.83 -13.67	101.30 2.48 -3.29	80.32 0.64 0.00
LIGHTHSE_115KV_TB6 355974	62.18 0.61 -0.75	54.62 0.27 -0.01	49.16 0.10 0.00	45.90 0.00 0.00	46.53 0.00 0.00	49.05 0.15 0.00	53.67 0.21 0.00	56.57 0.28 0.00	60.65 0.30 0.00	64.68 0.39 0.00	72.33 0.50 0.00	82.08 0.57 0.00	95.27 0.66 0.00	109.04 0.97 0.00	122.72 0.24 0.00	133.76 0.80 0.00	180.76 0.36 0.00	231.64 1.61 0.00	211.37 3.94 0.00	162.95 4.75 0.00	141.23 4.38 0.00	114.15 1.91 0.00	97.34 1.81 0.00	82.04 1.51 -0.85
LINDEN COGEN____ 23786	52.01 0.18 8.99	51.21 0.43 3.56	49.84 0.78 0.01	46.62 0.73 0.01	47.22 0.70 0.01	49.63 0.73 0.01	51.21 1.01 3.26	51.34 0.90 5.85	52.75 1.21 8.81	53.52 1.22 11.99	54.64 1.01 18.19	55.34 1.30 27.47	54.95 1.99 41.65	65.22 4.43 47.28	97.59 6.85 31.74	98.17 8.91 43.71	145.16 13.54 48.77	203.42 15.41 42.02	196.59 11.82 22.66	133.08 8.38 33.50	81.67 6.16 61.34	57.07 4.03 59.20	54.04 1.81 43.29	52.01 -0.16 27.51
LINDHRST_69_KV_BK1 356055	62.95 2.13 0.00	55.81 1.47 0.00	50.29 1.23 0.00	46.72 0.83 0.00	47.32 0.79 0.00	49.93 1.03 0.00	55.06 1.60 0.00	57.02 0.73 0.00	61.74 1.39 0.00	65.90 1.61 0.00	60.90 0.79 11.72	65.72 1.22 17.02	88.01 1.99 8.59	110.43 4.54 2.18	128.57 7.59 1.50	144.67 11.70 0.00	199.34 18.94 0.00	258.68 19.32 -9.34	251.39 15.56 -28.41	199.91 11.86 -29.84	169.74 7.53 -25.37	129.60 4.71 -12.65	82.00 1.72 15.24	67.05 0.00 12.63
LIPA_MISC_IPP 23656	62.28 1.46 0.00	55.10 0.76 0.00	49.65 0.59 0.00	46.08 0.18 0.00	46.72 0.19 0.00	49.30 0.39 0.00	54.36 0.91 0.00	56.01 -0.28 0.00	60.71 0.36 0.00	64.74 0.45 0.00	57.92 -0.29 13.62	61.65 -0.08 19.78	85.10 0.47 9.98	108.56 3.03 2.53	126.58 6.00 1.90	143.20 10.24 0.00	197.71 17.32 0.00	254.08 14.72 -9.34	247.65 11.82 -28.41	197.01 9.97 -28.84	166.93 5.47 -24.61	127.51 3.03 -12.24	77.34 0.10 18.28	63.10 -1.20 15.39
LISF____SOLAR 323691	62.40 1.58 0.00	55.21 0.87 0.00	49.75 0.69 0.00	46.17 0.28 0.00	46.81 0.28 0.00	49.39 0.49 0.00	54.47 1.01 0.00	56.12 -0.17 0.00	60.78 0.43 0.00	64.48 0.19 0.00	58.08 -0.14 13.60	61.84 0.08 19.75	85.31 0.67 9.97	108.89 3.35 2.53	126.82 6.24 1.89	143.61 10.64 0.00	196.98 16.59 0.00	255.01 15.65 -9.34	248.49 12.65 -28.41	196.38 9.33 -28.85	167.48 6.01 -24.62	127.85 3.36 -12.24	77.76 0.48 18.25	63.37 -0.95 15.36
LITTLE FALLS____HYD 24013	60.21 -0.61 0.00	53.80 -0.54 0.00	48.57 -0.49 0.00	45.44 -0.46 0.00	46.07 -0.47 0.00	48.47 -0.44 0.00	53.08 -0.37 0.00	55.84 -0.45 0.00	59.81 -0.54 0.00	63.71 -0.58 0.00	71.11 -0.72 0.00	80.69 -0.82 0.00	93.85 -0.76 0.00	107.74 -0.32 0.00	122.35 -0.12 0.00	133.10 0.13 0.00	180.76 0.36 0.00	230.03 0.00 0.00	207.84 0.41 0.00	158.67 0.47 0.00	136.98 0.14 0.00	112.24 0.00 0.00	95.14 -0.38 0.00	79.04 -0.64 0.00

LITTLRIV_115KV_TB1 356100	73.82 3.28 -9.72	57.15 2.72 -0.10	51.32 2.26 0.00	48.05 2.16 0.00	48.58 2.05 0.00	51.11 2.20 0.00	55.91 2.46 0.00	58.66 2.36 0.00	62.52 2.17 0.00	66.48 2.19 0.00	74.27 2.44 0.00	83.63 2.12 0.00	94.42 -0.19 0.00	105.69 -2.38 0.00	117.70 -4.78 0.00	127.38 -5.58 0.00	173.18 -7.22 0.00	223.81 -6.21 0.00	202.66 -4.77 0.00	155.19 -3.01 0.00	134.52 -2.33 0.00	111.12 -1.12 0.00	97.43 1.91 0.00	94.71 4.06 -10.97
LI_NEWBRDGE___DRP 323616	61.91 1.09 0.00	54.99 0.65 0.00	49.65 0.59 0.00	46.22 0.32 0.00	46.81 0.28 0.00	49.30 0.39 0.00	54.26 0.80 0.00	56.41 0.11 0.00	60.95 0.60 0.00	65.00 0.71 0.00	57.08 -0.07 14.67	60.37 0.16 21.30	84.61 0.76 10.75	108.37 3.03 2.73	125.76 5.63 2.35	142.14 9.17 0.00	195.37 14.97 0.00	254.31 14.95 -9.34	247.24 11.41 -28.41	194.43 8.54 -27.69	165.52 4.93 -23.75	126.93 2.92 -11.77	75.95 0.38 19.95	61.68 -1.12 16.89
LOCKPORT_115KV_TB60_63_64 80432	62.34 1.52 0.00	54.23 -0.11 0.00	48.72 -0.34 0.00	45.39 -0.50 0.00	45.83 -0.70 0.00	48.07 -0.83 0.00	52.33 -1.12 0.00	55.34 -0.96 0.00	60.17 -0.18 0.00	65.32 1.03 0.00	73.98 2.15 0.00	84.85 3.34 0.00	98.49 3.88 0.00	110.77 2.70 0.00	124.43 1.96 0.00	134.83 1.86 0.00	178.41 -1.98 0.00	225.42 -4.60 0.00	208.67 1.24 0.00	163.10 4.90 0.00	143.83 6.98 0.00	113.14 0.90 0.00	95.04 -0.48 0.00	80.88 1.20 0.00
LOCKPORT___CC1 323769	62.03 1.22 0.00	54.02 -0.32 0.00	48.53 -0.54 0.00	45.21 -0.69 0.00	45.37 -1.16 0.00	47.88 -1.03 0.00	52.12 -1.33 0.00	55.11 -1.18 0.00	60.05 -0.30 0.00	65.19 0.90 0.00	73.91 2.08 0.00	84.53 3.02 0.00	98.20 3.59 0.00	110.77 2.70 0.00	123.57 1.10 0.00	134.57 1.60 0.00	178.04 -2.35 0.00	224.28 -5.74 0.00	207.63 0.21 0.00	162.79 4.59 0.00	143.14 6.30 0.00	112.58 0.34 0.00	94.66 -0.86 0.00	80.79 1.11 0.00
LOCKPORT___CC2 323770	62.03 1.22 0.00	54.02 -0.32 0.00	48.53 -0.54 0.00	45.21 -0.69 0.00	45.37 -1.16 0.00	47.88 -1.03 0.00	52.12 -1.33 0.00	55.11 -1.18 0.00	60.05 -0.30 0.00	65.19 0.90 0.00	73.91 2.08 0.00	84.53 3.02 0.00	98.20 3.59 0.00	110.77 2.70 0.00	123.57 1.10 0.00	134.57 1.60 0.00	178.04 -2.35 0.00	224.28 -5.74 0.00	207.63 0.21 0.00	162.79 4.59 0.00	143.14 6.30 0.00	112.58 0.34 0.00	94.66 -0.86 0.00	80.79 1.11 0.00
LOCKPORT___CC3 323771	62.03 1.22 0.00	54.02 -0.32 0.00	48.53 -0.54 0.00	45.21 -0.69 0.00	45.37 -1.16 0.00	47.88 -1.03 0.00	52.12 -1.33 0.00	55.11 -1.18 0.00	60.05 -0.30 0.00	65.19 0.90 0.00	73.91 2.08 0.00	84.53 3.02 0.00	98.20 3.59 0.00	110.77 2.70 0.00	123.57 1.10 0.00	134.57 1.60 0.00	178.04 -2.35 0.00	224.28 -5.74 0.00	207.63 0.21 0.00	162.79 4.59 0.00	143.14 6.30 0.00	112.58 0.34 0.00	94.66 -0.86 0.00	80.79 1.11 0.00
LOCUSVLY_69_KV_BK2 55797	62.46 1.64 0.00	55.54 1.20 0.00	50.19 1.13 0.00	46.72 0.83 0.00	47.32 0.79 0.00	49.88 0.98 0.00	54.84 1.39 0.00	57.25 0.96 0.00	61.80 1.45 0.00	65.77 1.48 0.00	65.96 1.01 6.88	72.98 1.47 10.00	92.02 2.46 5.05	111.87 5.08 1.28	129.85 8.08 0.71	144.53 11.57 0.00	198.43 18.04 0.00	258.68 19.32 -9.34	251.18 15.35 -28.41	201.27 11.23 -31.84	171.23 7.53 -26.86	130.65 4.94 -13.47	89.89 1.91 7.54	72.87 0.00 6.81
LONG_LAKE_PHOENIX 24014	60.09 -0.73 0.00	53.47 -0.87 0.00	48.18 -0.88 0.00	45.02 -0.87 0.00	45.65 -0.88 0.00	48.03 -0.88 0.00	52.55 -0.91 0.00	55.39 -0.90 0.00	59.51 -0.84 0.00	63.52 -0.77 0.00	71.18 -0.65 0.00	80.94 -0.57 0.00	94.04 -0.57 0.00	107.74 -0.32 0.00	122.23 -0.24 0.00	132.83 -0.13 0.00	179.85 -0.54 0.00	229.57 -0.46 0.00	208.46 1.04 0.00	159.78 1.58 0.00	138.49 1.64 0.00	112.24 0.00 0.00	94.85 -0.67 0.00	78.96 -0.72 0.00
LOVETT___3 23632	61.18 0.36 0.00	54.88 0.54 0.00	49.75 0.69 0.00	46.54 0.64 0.00	47.14 0.60 0.00	49.59 0.68 0.00	54.36 0.91 0.00	57.31 1.01 0.00	61.56 1.21 0.00	65.51 1.22 0.00	72.98 1.15 0.00	82.65 1.14 0.00	96.50 1.89 0.00	112.06 4.00 0.00	128.84 6.37 0.00	141.08 8.11 0.00	192.66 12.27 0.00	252.88 13.80 -9.06	245.56 10.58 -27.55	198.40 7.59 -32.60	169.80 5.61 -27.35	129.94 3.93 -13.77	100.65 1.81 -3.32	79.76 0.08 0.00
LOVETT___4 23642	61.18 0.36 0.00	54.88 0.54 0.00	49.75 0.69 0.00	46.54 0.64 0.00	47.14 0.60 0.00	49.59 0.68 0.00	54.36 0.91 0.00	57.31 1.01 0.00	61.56 1.21 0.00	65.51 1.22 0.00	72.98 1.15 0.00	82.65 1.14 0.00	96.50 1.89 0.00	112.06 4.00 0.00	128.84 6.37 0.00	141.08 8.11 0.00	192.66 12.27 0.00	252.88 13.80 -9.06	245.56 10.58 -27.55	198.40 7.59 -32.60	169.80 5.61 -27.35	129.94 3.93 -13.77	100.65 1.81 -3.32	79.76 0.08 0.00
LOVETT___5 23593	61.18 0.36 0.00	54.88 0.54 0.00	49.75 0.69 0.00	46.54 0.64 0.00	47.14 0.60 0.00	49.59 0.68 0.00	54.36 0.91 0.00	57.31 1.01 0.00	61.56 1.21 0.00	65.51 1.22 0.00	72.98 1.15 0.00	82.65 1.14 0.00	96.50 1.89 0.00	112.06 4.00 0.00	128.84 6.37 0.00	141.08 8.11 0.00	192.66 12.27 0.00	252.88 13.80 -9.06	245.56 10.58 -27.55	198.40 7.59 -32.60	169.80 5.61 -27.35	129.94 3.93 -13.77	100.65 1.81 -3.32	79.76 0.08 0.00
LOWER RAQUET___HYD 24057	72.54 2.44 -9.29	56.38 1.95 -0.09	50.68 1.62 0.00	47.46 1.56 0.00	47.93 1.39 0.00	50.42 1.52 0.00	55.16 1.71 0.00	57.93 1.63 0.00	61.98 1.63 0.00	65.90 1.61 0.00	73.69 1.86 0.00	82.89 1.38 0.00	93.38 -1.23 0.00	104.39 -3.67 0.00	116.60 -5.88 0.00	125.91 -7.05 0.00	171.01 -9.39 0.00	220.58 -9.44 0.00	199.12 -8.30 0.00	151.87 -6.33 0.00	131.51 -5.34 0.00	108.88 -3.36 0.00	95.52 0.00 0.00	92.73 2.55 -10.50
LOWER___HUDSON 24059	62.34 1.52 0.00	55.81 1.47 0.00	50.44 1.37 0.00	47.18 1.28 0.00	47.88 1.35 0.00	50.32 1.42 0.00	54.95 1.49 0.00	57.70 1.41 0.00	61.68 1.33 0.00	65.26 0.97 0.00	72.55 0.72 0.00	82.41 0.90 0.00	96.03 1.42 0.00	111.52 3.46 0.00	127.74 5.26 0.00	139.74 6.78 0.00	190.31 9.92 0.00	320.40 11.50 -78.88	457.37 9.96 -239.98	449.28 7.13 -283.96	381.03 6.01 -238.17	236.77 4.60 -119.93	127.54 3.15 -28.87	81.36 1.68 0.00
LOWVILLE_115KV_TB2 356335	65.31 1.70 -2.79	55.67 1.30 -0.03	50.05 0.98 0.00	46.81 0.92 0.00	47.37 0.84 0.00	50.08 1.17 0.00	55.06 1.60 0.00	57.98 1.69 0.00	62.52 2.17 0.00	66.48 2.19 0.00	74.27 2.44 0.00	83.87 2.36 0.00	96.69 2.08 0.00	110.55 2.49 0.00	123.09 0.61 0.00	134.16 1.20 0.00	182.38 1.98 0.00	234.63 4.60 0.00	214.06 6.64 0.00	165.00 6.80 0.00	141.50 4.65 0.00	114.82 2.58 0.00	98.86 3.34 0.00	86.42 3.59 -3.16
LUTHERFT_115KV_GLOB_FND_222 355753	63.43 2.62 0.00	56.62 2.28 0.00	51.08 2.01 0.00	47.73 1.84 0.00	48.49 1.95 0.00	50.96 2.05 0.00	55.59 2.14 0.00	58.43 2.14 0.00	62.22 1.87 0.00	65.71 1.41 0.00	72.91 1.08 0.00	82.73 1.22 0.00	96.50 1.89 0.00	111.85 3.78 0.00	128.11 5.63 0.00	140.41 7.45 0.00	191.40 11.00 0.00	337.91 13.80 -94.09	506.33 12.65 -286.25	506.71 9.81 -338.71	429.42 8.48 -284.09	261.80 6.51 -143.05	134.83 4.87 -34.44	82.95 3.27 0.00

LUTHERNY_35_KV_BK2 355980	63.49 2.68 0.00	56.68 2.34 0.00	51.13 2.06 0.00	47.78 1.88 0.00	48.49 1.95 0.00	51.01 2.10 0.00	55.65 2.19 0.00	58.49 2.20 0.00	62.28 1.93 0.00	65.71 1.41 0.00	72.91 1.08 0.00	82.81 1.30 0.00	96.60 1.99 0.00	111.96 3.89 0.00	128.23 5.76 0.00	140.54 7.58 0.00	191.58 11.18 0.00	338.14 14.03 -94.09	506.54 12.86 -286.25	506.87 9.97 -338.71	429.56 8.62 -284.09	261.91 6.62 -143.05	134.93 4.97 -34.44	83.03 3.35 0.00
LWR___OSWEGATCHIE_HYD 23850	69.35 2.13 -6.41	56.09 1.68 -0.06	50.44 1.37 0.00	47.18 1.29 0.00	47.70 1.16 0.00	50.27 1.37 0.00	55.11 1.66 0.00	57.98 1.69 0.00	62.22 1.87 0.00	66.16 1.86 0.00	73.98 2.15 0.00	83.38 1.87 0.00	94.99 0.38 0.00	107.53 -0.54 0.00	119.41 -3.06 0.00	129.77 -3.19 0.00	176.25 -4.15 0.00	226.81 -3.22 0.00	206.18 -1.24 0.00	158.36 0.16 0.00	136.44 -0.41 0.00	111.57 -0.67 0.00	97.34 1.81 0.00	90.10 3.19 -7.24
LYONS_FALL_HYD 23570	64.31 1.64 -1.85	55.66 1.30 -0.02	50.10 1.03 0.00	46.86 0.97 0.00	47.41 0.88 0.00	50.08 1.17 0.00	54.95 1.49 0.00	57.81 1.52 0.00	62.22 1.87 0.00	66.22 1.93 0.00	73.98 2.15 0.00	83.63 2.12 0.00	96.69 2.08 0.00	110.77 2.70 0.00	124.31 1.84 0.00	135.22 2.26 0.00	184.36 3.96 0.00	236.24 6.21 0.00	215.31 7.88 0.00	165.32 7.13 0.00	142.18 5.33 0.00	115.50 3.26 0.00	98.77 3.25 0.00	84.96 3.19 -2.09
MADISON___COUNTY_LFGE 323628	63.24 1.89 -0.54	55.81 1.47 -0.01	50.29 1.23 0.00	47.00 1.10 0.00	47.60 1.07 0.00	50.13 1.22 0.00	54.95 1.50 0.00	57.98 1.69 0.00	62.16 1.81 0.00	66.28 1.99 0.00	74.13 2.30 0.00	83.30 1.79 0.00	96.88 2.27 0.00	111.52 3.46 0.00	126.27 3.80 0.00	137.62 4.65 0.00	186.35 5.95 0.00	238.31 8.28 0.00	216.76 9.33 0.00	166.43 8.23 0.00	143.83 6.98 0.00	116.62 4.38 0.00	98.58 3.06 0.00	83.48 3.19 -0.61
MALONE___115KV_TB1 356076	65.58 1.76 -3.00	55.78 1.41 -0.03	50.19 1.13 0.00	47.09 1.19 0.00	47.74 1.21 0.00	50.13 1.22 0.00	55.11 1.66 0.00	58.04 1.75 0.00	62.16 1.81 0.00	66.22 1.93 0.00	74.06 2.23 0.00	83.63 2.12 0.00	95.27 0.66 0.00	106.99 -1.08 0.00	119.90 -2.57 0.00	129.64 -3.32 0.00	175.88 -4.51 0.00	226.58 -3.45 0.00	204.11 -3.32 0.00	155.35 -2.85 0.00	134.93 -1.92 0.00	111.23 -1.01 0.00	96.57 1.05 0.00	86.16 2.63 -3.85
MAPLEWOD_115KV_TB3 80458	62.34 1.52 0.00	55.86 1.52 0.00	50.44 1.37 0.00	47.18 1.29 0.00	47.88 1.35 0.00	50.27 1.37 0.00	54.90 1.44 0.00	57.70 1.41 0.00	61.68 1.33 0.00	65.32 1.03 0.00	72.69 0.86 0.00	82.41 0.90 0.00	96.12 1.51 0.00	111.52 3.46 0.00	127.74 5.27 0.00	139.61 6.65 0.00	189.96 9.56 0.00	304.95 11.27 -63.66	410.64 9.54 -193.67	394.16 6.80 -229.16	334.67 5.61 -192.21	213.29 4.27 -96.79	121.69 2.87 -23.30	81.19 1.51 0.00
MAPLE_RIDGE_WT_1 323574	60.09 -0.73 0.00	53.63 -0.71 0.00	48.48 -0.59 0.00	45.39 -0.50 0.00	46.07 -0.47 0.00	48.51 -0.39 0.00	53.14 -0.32 0.00	56.01 -0.28 0.00	60.17 -0.18 0.00	64.29 0.00 0.00	71.90 0.07 0.00	81.27 -0.24 0.00	94.14 -0.47 0.00	107.20 -0.87 0.00	121.13 -1.34 0.00	131.38 -1.59 0.00	178.24 -2.16 0.00	227.50 -2.53 0.00	205.35 -2.07 0.00	156.46 -1.74 0.00	135.21 -1.64 0.00	111.01 -1.23 0.00	94.75 -0.77 0.00	79.44 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	60.09 -0.73 0.00	53.63 -0.71 0.00	48.48 -0.59 0.00	45.39 -0.50 0.00	46.07 -0.47 0.00	48.51 -0.39 0.00	53.14 -0.32 0.00	56.01 -0.28 0.00	60.17 -0.18 0.00	64.29 0.00 0.00	71.90 0.07 0.00	81.27 -0.24 0.00	94.14 -0.47 0.00	107.20 -0.87 0.00	121.13 -1.34 0.00	131.38 -1.59 0.00	178.24 -2.16 0.00	227.50 -2.53 0.00	205.35 -2.07 0.00	156.46 -1.74 0.00	135.21 -1.64 0.00	111.01 -1.23 0.00	94.75 -0.77 0.00	79.44 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	61.18 0.37 0.00	54.56 0.22 0.00	49.21 0.15 0.00	46.22 0.32 0.00	46.90 0.37 0.00	49.15 0.25 0.00	53.99 0.53 0.00	56.86 0.56 0.00	60.95 0.60 0.00	65.00 0.71 0.00	72.69 0.87 0.00	82.24 0.73 0.00	94.42 -0.19 0.00	106.12 -1.94 0.00	119.29 -3.18 0.00	128.84 -4.12 0.00	174.80 -5.59 0.00	224.50 -5.52 0.00	202.03 -5.39 0.00	153.61 -4.59 0.00	133.16 -3.69 0.00	110.22 -2.02 0.00	95.14 -0.38 0.00	81.30 0.96 -0.66
MARSHVLE_115KV_TB1 80742	65.68 4.87 0.00	58.52 4.18 0.00	52.74 3.68 0.00	49.25 3.35 0.00	50.07 3.54 0.00	52.77 3.86 0.00	57.36 3.90 0.00	59.50 3.21 0.00	62.58 2.23 0.00	65.71 1.41 0.00	72.98 1.15 0.00	82.57 1.06 0.00	96.22 1.61 0.00	111.20 3.13 0.00	127.13 4.65 0.00	139.48 6.52 0.00	189.96 9.56 0.00	331.77 14.26 -87.48	490.19 16.59 -266.17	489.12 15.98 -314.94	415.92 14.92 -264.15	256.81 11.56 -133.01	136.43 8.88 -32.02	86.37 6.69 0.00
MARSH_HILL_WT_PWR 323713	63.13 2.31 0.00	55.16 0.82 0.00	49.61 0.54 0.00	46.22 0.32 0.00	46.81 0.28 0.00	49.39 0.49 0.00	54.10 0.64 0.00	57.14 0.85 0.00	61.49 1.14 0.00	66.22 1.93 0.00	74.92 3.09 0.00	85.83 4.32 0.00	99.53 4.92 0.00	112.93 4.87 0.00	126.64 4.17 0.00	138.15 5.18 0.00	184.91 4.51 0.00	237.72 5.29 -2.40	225.29 10.57 -7.29	179.49 12.66 -8.63	156.81 12.73 -7.24	121.94 6.06 -3.64	99.83 3.43 -0.88	83.50 3.82 0.00
MCINTYRE_115KV_TB2 80467	74.88 3.65 -10.42	57.43 2.99 -0.10	51.62 2.55 0.00	48.28 2.39 0.00	48.86 2.33 0.00	51.40 2.49 0.00	56.23 2.78 0.00	58.94 2.65 0.00	62.70 2.35 0.00	66.61 2.31 0.00	74.34 2.51 0.00	83.79 2.28 0.00	94.99 0.38 0.00	106.12 -1.95 0.00	118.19 -4.29 0.00	127.91 -5.05 0.00	174.08 -6.31 0.00	225.19 -4.83 0.00	204.31 -3.11 0.00	156.62 -1.58 0.00	136.03 -0.82 0.00	112.35 0.11 0.00	98.39 2.87 0.00	96.11 4.70 -11.73
MECO_____69_KV_BK1 80468	66.17 5.35 0.00	58.90 4.56 0.00	53.04 3.97 0.00	49.48 3.58 0.00	50.35 3.82 0.00	53.06 4.16 0.00	57.84 4.38 0.00	60.18 3.88 0.00	63.13 2.78 0.00	65.90 1.61 0.00	72.91 1.08 0.00	82.41 0.90 0.00	96.03 1.42 0.00	111.09 3.03 0.00	127.25 4.78 0.00	140.15 7.18 0.00	191.94 11.55 0.00	341.62 17.71 -93.88	512.97 19.91 -285.63	513.72 17.56 -337.97	436.19 15.87 -283.47	267.10 12.12 -142.74	139.44 9.55 -34.37	86.85 7.17 0.00
MENANDS___115KV_TB5 355628	62.03 1.22 0.00	55.59 1.25 0.00	50.24 1.18 0.00	47.00 1.10 0.00	47.70 1.16 0.00	50.08 1.17 0.00	54.68 1.23 0.00	57.42 1.13 0.00	61.44 1.09 0.00	65.06 0.77 0.00	72.48 0.65 0.00	82.16 0.65 0.00	95.74 1.14 0.00	111.09 3.03 0.00	127.25 4.78 0.00	139.08 6.12 0.00	189.05 8.66 0.00	300.97 9.89 -61.05	401.26 8.09 -185.74	383.67 5.70 -219.78	325.84 4.65 -184.34	208.65 3.59 -92.82	120.16 2.29 -22.35	80.72 1.04 0.00
MG INDUSTRY___DRP 24185	60.63 -0.18 0.00	54.45 0.11 0.00	49.21 0.15 0.00	46.03 0.14 0.00	46.72 0.19 0.00	49.00 0.10 0.00	53.40 -0.05 0.00	56.01 -0.28 0.00	59.75 -0.60 0.00	63.26 -1.03 0.00	70.39 -1.44 0.00	79.80 -1.71 0.00	93.00 -1.61 0.00	107.63 -0.43 0.00	123.09 0.61 0.00	134.16 1.20 0.00	182.56 2.16 0.00	249.19 1.84 -17.32	287.10 1.24 -78.43	266.09 0.63 -107.25	235.17 0.55 -97.77	170.37 0.45 -57.68	109.31 -0.10 -13.89	78.96 -0.72 0.00

MID___OSWEGATCHIE_HYD 23849	69.35 2.13 -6.41	56.09 1.68 -0.06	50.44 1.37 0.00	47.18 1.29 0.00	47.70 1.16 0.00	50.27 1.37 0.00	55.11 1.66 0.00	57.98 1.69 0.00	62.22 1.87 0.00	66.16 1.86 0.00	73.98 2.15 0.00	83.38 1.87 0.00	94.99 0.38 0.00	107.53 -0.54 0.00	119.41 -3.06 0.00	129.77 -3.19 0.00	176.25 -4.15 0.00	226.81 -3.22 0.00	206.18 -1.24 0.00	158.36 0.16 0.00	136.44 -0.41 0.00	111.57 -0.67 0.00	97.34 1.81 0.00	90.10 3.19 -7.24
MID___RAQUETTE_HYD 23851	72.54 2.43 -9.29	56.39 1.96 -0.09	50.68 1.62 0.00	47.46 1.56 0.00	47.93 1.40 0.00	50.42 1.52 0.00	55.17 1.71 0.00	57.92 1.63 0.00	61.98 1.63 0.00	65.90 1.61 0.00	73.70 1.87 0.00	82.90 1.39 0.00	93.38 -1.23 0.00	104.50 -3.57 0.00	116.47 -6.00 0.00	125.92 -7.05 0.00	171.01 -9.38 0.00	220.36 -9.66 0.00	199.13 -8.30 0.00	151.87 -6.33 0.00	131.51 -5.34 0.00	108.65 -3.59 0.00	95.52 0.00 0.00	92.73 2.55 -10.50
MILLIKEN___1 23584	62.46 1.64 0.00	55.43 1.09 0.00	49.90 0.83 0.00	46.58 0.69 0.00	47.23 0.70 0.00	49.74 0.83 0.00	54.47 1.02 0.00	57.47 1.18 0.00	61.62 1.27 0.00	65.77 1.48 0.00	73.70 1.87 0.00	83.79 2.28 0.00	97.26 2.65 0.00	111.42 3.35 0.00	126.27 3.80 0.00	137.62 4.65 0.00	186.35 5.95 0.00	240.84 8.28 -2.54	225.52 10.37 -7.72	176.99 9.65 -9.14	153.41 8.90 -7.67	121.15 5.05 -3.86	99.70 3.25 -0.93	82.31 2.63 0.00
MILLIKEN___2 23585	62.46 1.64 0.00	55.43 1.09 0.00	49.90 0.83 0.00	46.58 0.69 0.00	47.23 0.70 0.00	49.74 0.83 0.00	54.47 1.02 0.00	57.47 1.18 0.00	61.62 1.27 0.00	65.77 1.48 0.00	73.70 1.87 0.00	83.79 2.28 0.00	97.26 2.65 0.00	111.42 3.35 0.00	126.27 3.80 0.00	137.62 4.65 0.00	186.35 5.95 0.00	240.84 8.28 -2.54	225.52 10.37 -7.72	176.99 9.65 -9.14	153.41 8.90 -7.67	121.15 5.05 -3.86	99.70 3.25 -0.93	82.31 2.63 0.00
MILLIKEN___DIESEL 23629	62.46 1.64 0.00	55.43 1.09 0.00	49.90 0.83 0.00	46.58 0.69 0.00	47.23 0.70 0.00	49.74 0.83 0.00	54.47 1.02 0.00	57.47 1.18 0.00	61.62 1.27 0.00	65.77 1.48 0.00	73.70 1.87 0.00	83.79 2.28 0.00	97.26 2.65 0.00	111.42 3.35 0.00	126.27 3.80 0.00	137.62 4.65 0.00	186.35 5.95 0.00	240.84 8.28 -2.54	225.52 10.37 -7.72	176.99 9.65 -9.14	153.41 8.90 -7.67	121.15 5.05 -3.86	99.70 3.25 -0.93	82.31 2.63 0.00
MILLSEAT___LFGE 323607	63.56 2.74 0.00	55.37 1.03 0.00	49.80 0.74 0.00	46.31 0.41 0.00	46.49 -0.05 0.00	49.15 0.25 0.00	53.51 0.05 0.00	56.69 0.40 0.00	61.68 1.33 0.00	66.73 2.44 0.00	75.71 3.88 0.00	85.83 4.32 0.00	100.09 5.49 0.00	112.93 4.87 0.00	126.39 3.92 0.00	137.49 4.52 0.00	182.92 2.52 0.00	231.65 1.62 0.00	214.68 7.26 0.00	167.85 9.65 0.00	147.24 10.40 0.00	115.83 3.59 0.00	96.96 1.43 0.00	83.10 3.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	61.43 0.61 0.00	55.10 0.76 0.00	50.00 0.93 0.00	46.72 0.83 0.00	47.32 0.79 0.00	49.79 0.88 0.00	54.58 1.12 0.00	57.42 1.13 0.00	61.74 1.39 0.00	65.71 1.41 0.00	73.12 1.29 0.00	82.98 1.47 0.00	96.88 2.27 0.00	112.61 4.54 0.00	129.45 6.98 0.00	141.87 8.91 0.00	193.74 13.35 0.00	254.49 15.18 -9.28	247.49 11.82 -28.24	200.16 8.54 -33.42	171.31 6.43 -28.03	130.84 4.49 -14.11	101.12 2.20 -3.40	80.08 0.40 0.00
MILLWOOD_13_KV_LOAD 356217	61.61 0.79 0.00	55.21 0.87 0.00	50.09 1.03 0.00	46.77 0.87 0.00	47.42 0.88 0.00	49.88 0.98 0.00	54.74 1.28 0.00	57.59 1.29 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.34 1.51 0.00	83.30 1.79 0.00	97.26 2.65 0.00	113.04 4.97 0.00	129.94 7.47 0.00	142.54 9.57 0.00	194.65 14.25 0.00	255.64 16.33 -9.28	248.53 12.86 -28.24	200.95 9.33 -33.42	171.85 6.98 -28.03	131.29 4.94 -14.11	101.40 2.48 -3.40	80.32 0.64 0.00
MODEL_CITY_ENERGY 24167	61.91 1.10 0.00	53.90 -0.44 0.00	48.43 -0.64 0.00	45.16 -0.74 0.00	45.18 -1.35 0.00	47.78 -1.12 0.00	51.96 -1.50 0.00	54.83 -1.46 0.00	59.75 -0.60 0.00	64.80 0.51 0.00	73.55 1.72 0.00	84.20 2.69 0.00	97.73 3.12 0.00	110.23 2.16 0.00	122.96 0.49 0.00	133.90 0.94 0.00	177.15 -3.24 0.00	222.89 -7.13 0.00	206.39 -1.03 0.00	161.84 3.64 0.00	142.33 5.48 0.00	112.02 -0.22 0.00	94.18 -1.34 0.00	80.56 0.88 0.00
MODERN_LFGE___ 323580	61.91 1.10 0.00	53.90 -0.44 0.00	48.43 -0.64 0.00	45.16 -0.74 0.00	45.18 -1.35 0.00	47.78 -1.12 0.00	51.96 -1.50 0.00	54.83 -1.46 0.00	59.75 -0.60 0.00	64.80 0.51 0.00	73.55 1.72 0.00	84.20 2.69 0.00	97.73 3.12 0.00	110.23 2.16 0.00	122.96 0.49 0.00	133.90 0.94 0.00	177.15 -3.24 0.00	222.89 -7.13 0.00	206.39 -1.03 0.00	161.84 3.64 0.00	142.33 5.48 0.00	112.02 -0.22 0.00	94.18 -1.34 0.00	80.56 0.88 0.00
MOHAWK_PAPER___DRP 24187	62.34 1.52 0.00	55.86 1.52 0.00	50.44 1.37 0.00	47.18 1.29 0.00	47.88 1.35 0.00	50.27 1.37 0.00	54.90 1.44 0.00	57.70 1.41 0.00	61.68 1.33 0.00	65.32 1.03 0.00	72.69 0.86 0.00	82.41 0.90 0.00	96.12 1.51 0.00	111.52 3.46 0.00	127.74 5.27 0.00	139.61 6.65 0.00	189.96 9.56 0.00	304.95 11.27 -63.66	410.64 9.54 -193.67	394.16 6.80 -229.16	334.67 5.61 -192.21	213.29 4.27 -96.79	121.69 2.87 -23.30	81.19 1.51 0.00
MOHICAN___35_KV_115KV_LD 80490	63.98 3.16 0.00	57.00 2.66 0.00	51.37 2.31 0.00	47.92 2.02 0.00	48.72 2.19 0.00	51.25 2.35 0.00	55.97 2.51 0.00	58.83 2.53 0.00	62.46 2.11 0.00	65.77 1.48 0.00	72.62 0.79 0.00	82.49 0.98 0.00	96.22 1.61 0.00	111.52 3.46 0.00	127.98 5.51 0.00	140.68 7.71 0.00	192.12 11.73 0.00	340.03 15.18 -94.82	510.03 14.10 -288.50	511.26 11.71 -341.36	433.42 10.26 -286.31	264.27 7.86 -144.17	136.25 6.02 -34.71	83.90 4.22 0.00
MONGAUP___HYD 23641	62.15 1.34 0.00	55.64 1.30 0.00	50.34 1.27 0.00	46.95 1.06 0.00	47.60 1.07 0.00	50.13 1.22 0.00	54.95 1.49 0.00	57.70 1.41 0.00	61.68 1.33 0.00	65.45 1.16 0.00	72.76 0.93 0.00	82.49 0.98 0.00	96.40 1.79 0.00	111.63 3.56 0.00	127.99 5.52 0.00	140.27 7.31 0.00	191.77 11.37 0.00	253.24 14.73 -8.48	245.67 12.44 -25.80	197.90 9.17 -30.53	169.97 7.52 -25.61	130.74 5.61 -12.89	101.88 3.25 -3.10	81.12 1.44 0.00
MONTAUK___DIESEL 23721	63.86 3.04 0.00	56.40 2.06 0.00	50.73 1.67 0.00	47.04 1.15 0.00	47.70 1.16 0.00	50.37 1.47 0.00	55.54 2.08 0.00	57.47 1.18 0.00	62.58 2.23 0.00	66.93 2.64 0.00	60.87 2.66 13.62	65.33 3.59 19.77	89.36 4.73 9.98	113.53 8.00 2.53	132.58 12.00 1.89	150.52 17.55 0.00	207.45 27.06 0.00	262.59 23.23 -9.34	255.12 19.29 -28.41	204.44 17.40 -28.84	172.00 10.54 -24.61	130.99 6.51 -12.24	79.55 2.29 18.27	65.42 1.12 15.38
MOONROAD_115KV_HARTFLD_TB1-2 355988	63.74 2.92 0.00	55.26 0.92 0.00	49.51 0.44 0.00	46.08 0.18 0.00	46.67 0.14 0.00	49.15 0.24 0.00	54.04 0.59 0.00	57.98 1.69 0.00	62.88 2.53 0.00	68.47 4.18 0.00	77.86 6.03 0.00	89.66 8.15 0.00	104.35 9.74 0.00	117.90 9.83 0.00	132.15 9.68 0.00	143.60 10.64 0.00	190.50 10.10 0.00	240.61 10.58 0.00	222.57 15.14 0.00	173.70 15.50 0.00	152.86 16.01 0.00	120.21 7.97 0.00	100.58 5.06 0.00	84.70 5.02 0.00

MORRIS_RIDGE___SOLAR 323848	62.52 1.70 0.00	54.67 0.33 0.00	49.16 0.10 0.00	45.80 -0.09 0.00	46.30 -0.23 0.00	48.76 -0.15 0.00	53.35 -0.11 0.00	56.18 -0.11 0.00	60.53 0.18 0.00	65.19 0.90 0.00	73.77 1.94 0.00	84.53 3.02 0.00	98.20 3.59 0.00	111.31 3.24 0.00	124.79 2.32 0.00	136.03 3.06 0.00	181.67 1.27 0.00	232.78 0.46 -2.30	220.43 6.02 -6.99	175.48 9.01 -8.27	153.64 9.86 -6.93	119.66 3.93 -3.49	98.17 1.81 -0.84	82.23 2.55 0.00
MORTIMER_115KV_TB3 55949	62.34 1.52 0.00	54.67 0.33 0.00	49.26 0.20 0.00	45.80 -0.09 0.00	46.30 -0.23 0.00	48.76 -0.15 0.00	53.24 -0.21 0.00	56.46 0.17 0.00	61.19 0.84 0.00	65.96 1.67 0.00	74.56 2.73 0.00	85.10 3.59 0.00	99.15 4.54 0.00	112.28 4.21 0.00	126.88 4.41 0.00	137.35 4.39 0.00	184.00 3.61 0.00	234.63 4.60 0.00	215.31 7.88 0.00	166.43 8.23 0.00	145.33 8.48 0.00	115.72 3.48 0.00	97.15 1.62 0.00	81.67 1.99 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	61.61 0.79 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.56 1.02 0.00	49.98 1.08 0.00	54.84 1.39 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	130.31 7.84 0.00	142.94 9.97 0.00	195.37 14.97 0.00	256.38 17.02 -9.34	249.31 13.48 -28.40	201.61 9.81 -33.61	172.29 7.25 -28.19	131.49 5.05 -14.19	101.61 2.67 -3.42	80.24 0.56 0.00
MUNSVILLE_WIND_PWR 323609	65.86 5.05 0.00	58.42 4.08 0.00	52.55 3.48 0.00	49.11 3.21 0.00	49.79 3.26 0.00	52.62 3.72 0.00	57.84 4.38 0.00	61.13 4.84 0.00	65.24 4.89 0.00	69.50 5.21 0.00	77.79 5.96 0.00	88.52 7.01 0.00	102.94 8.33 0.00	118.77 10.70 0.00	134.23 11.76 0.00	147.05 14.09 0.00	199.88 19.49 0.00	263.01 26.90 -6.08	254.75 28.82 -18.50	204.76 24.67 -21.89	176.42 21.21 -18.36	135.51 14.03 -9.24	107.77 10.03 -2.23	87.81 8.13 0.00
N SALMON___HYD 24042	65.58 1.76 -3.00	55.78 1.41 -0.03	50.19 1.13 0.00	47.09 1.19 0.00	47.74 1.21 0.00	50.13 1.22 0.00	55.11 1.66 0.00	58.04 1.75 0.00	62.16 1.81 0.00	66.22 1.93 0.00	74.06 2.23 0.00	83.63 2.12 0.00	95.28 0.67 0.00	106.88 -1.19 0.00	120.02 -2.45 0.00	129.65 -3.32 0.00	175.89 -4.50 0.00	226.58 -3.44 0.00	204.10 -3.33 0.00	155.36 -2.84 0.00	134.93 -1.92 0.00	111.46 -0.78 0.00	96.57 1.05 0.00	86.15 2.63 -3.85
N.AKRON__115KV_KNAPP 355671	63.43 2.62 0.00	55.26 0.92 0.00	49.70 0.64 0.00	46.22 0.32 0.00	46.63 0.09 0.00	49.05 0.15 0.00	53.40 -0.05 0.00	56.57 0.28 0.00	61.44 1.09 0.00	66.61 2.31 0.00	75.42 3.59 0.00	85.83 4.32 0.00	100.00 5.39 0.00	112.50 4.43 0.00	126.51 4.04 0.00	137.09 4.12 0.00	182.20 1.80 0.00	231.41 1.38 0.00	214.06 6.64 0.00	167.06 8.86 0.00	147.11 10.26 0.00	115.72 3.48 0.00	96.86 1.34 0.00	82.63 2.95 0.00
N.E_GEN_SANDY PD 24062	61.49 0.67 0.00	55.21 0.87 0.00	49.95 0.88 0.00	46.77 0.87 0.00	47.41 0.88 0.00	49.83 0.93 0.00	54.47 1.01 0.00	57.19 0.90 0.00	61.31 0.96 0.00	65.00 0.71 0.00	72.19 0.36 0.00	82.00 0.49 0.00	95.65 1.04 0.00	111.52 3.46 0.00	127.99 5.52 0.00	161.71 7.04 -21.70	200.80 10.28 -10.13	266.07 11.27 -24.78	291.72 8.91 -75.38	253.40 6.01 -89.19	213.74 4.79 -72.11	156.20 3.59 -40.37	106.60 2.01 -9.07	80.00 0.32 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	61.36 0.55 0.00	54.99 0.65 0.00	49.85 0.79 0.00	46.58 0.69 0.00	47.18 0.65 0.00	49.64 0.73 0.00	54.47 1.02 0.00	57.42 1.13 0.00	61.74 1.39 0.00	65.71 1.41 0.00	73.12 1.29 0.00	82.81 1.30 0.00	96.78 2.18 0.00	112.39 4.32 0.00	129.21 6.74 0.00	141.61 8.64 0.00	193.20 12.81 0.00	253.53 14.49 -9.02	246.27 11.41 -27.43	198.73 8.07 -32.46	170.09 6.02 -27.22	130.21 4.27 -13.71	100.92 2.10 -3.30	79.92 0.24 0.00
N.QUEENS_27_KV_LOAD 356247	61.38 0.55 -0.02	55.12 0.76 -0.02	50.40 1.32 -0.01	47.37 1.47 -0.01	47.84 1.30 0.00	49.88 0.98 0.00	54.52 1.07 0.00	57.42 1.13 0.00	61.92 1.57 0.00	65.90 1.61 0.00	73.27 1.44 0.00	83.22 1.71 0.00	97.15 2.55 0.01	113.14 5.08 0.01	130.45 7.59 -0.38	142.78 9.84 0.02	195.19 14.79 -0.01	256.16 16.79 -9.34	249.11 13.28 -28.41	202.95 9.33 -35.42	173.30 6.98 -29.48	131.88 4.71 -14.92	101.24 2.29 -3.43	79.91 0.24 0.01
N.TROY___115KV_TB1 355778	62.34 1.52 0.00	55.81 1.47 0.00	50.44 1.37 0.00	47.18 1.29 0.00	47.88 1.35 0.00	50.32 1.42 0.00	54.95 1.50 0.00	57.70 1.41 0.00	61.68 1.33 0.00	65.26 0.96 0.00	72.55 0.72 0.00	82.41 0.90 0.00	96.03 1.42 0.00	111.52 3.46 0.00	127.86 5.39 0.00	139.75 6.78 0.00	190.32 9.92 0.00	320.41 11.50 -78.88	457.37 9.96 -239.98	449.43 7.28 -283.96	381.04 6.02 -238.17	236.77 4.60 -119.93	127.55 3.15 -28.87	81.35 1.67 0.00
NARROWS_GT1_1 24228	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.35 10.24 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	91.13 7.52 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT1_2 24229	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.35 10.24 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	91.13 7.52 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT1_3 24230	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.35 10.24 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	91.13 7.52 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT1_4 24231	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.35 10.24 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	91.13 7.52 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT1_5 24232	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.35 10.24 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	91.13 7.52 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23

NARROWS_GT1_6 24233	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.35 10.24 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	91.13 7.52 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT1_7 24234	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.35 10.24 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	91.13 7.52 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT1_8 24235	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.35 10.24 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.98 13.69 8.14	145.09 9.81 22.93	91.13 7.52 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT2_1 24236	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT2_2 24237	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT2_3 24238	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT2_4 24239	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT2_5 24240	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT2_6 24241	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT2_7 24242	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
NARROWS_GT2_8 24243	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.67 1.33 0.01	65.76 1.48 0.01	73.26 1.44 0.01	83.38 1.88 0.01	65.94 2.75 31.42	74.07 5.29 39.29	123.68 7.85 6.63	125.78 10.24 17.42	177.84 14.96 17.52	258.59 17.47 -11.10	212.98 13.69 8.14	145.09 9.81 22.93	93.11 7.52 51.26	66.33 5.17 51.07	63.19 2.77 35.11	60.85 0.40 19.23
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	63.07 2.25 0.00	56.40 2.06 0.00	50.88 1.82 0.00	47.50 1.61 0.00	48.21 1.68 0.00	50.71 1.81 0.00	55.38 1.92 0.00	57.87 1.58 0.00	61.44 1.09 0.00	64.74 0.45 0.00	71.90 0.07 0.00	81.43 -0.08 0.00	95.08 0.47 0.00	110.01 1.95 0.00	126.27 3.80 0.00	138.15 5.19 0.00	188.33 7.94 0.00	249.70 9.89 -9.78	276.97 7.05 -62.49	255.44 4.90 -92.34	228.61 4.38 -87.39	171.26 4.27 -54.75	111.57 2.87 -13.18	81.75 2.07 0.00
NCHELSEA_115KV_TR2 355582	61.67 0.85 0.00	55.32 0.98 0.00	50.09 1.03 0.00	46.77 0.87 0.00	47.42 0.88 0.00	49.88 0.98 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.74 1.39 0.00	65.64 1.35 0.00	72.98 1.15 0.00	82.81 1.30 0.00	96.97 2.37 0.00	112.39 4.32 0.00	129.33 6.86 0.00	141.61 8.64 0.00	193.38 12.99 0.00	255.11 15.41 -9.68	248.90 12.03 -29.44	201.42 8.38 -34.84	172.50 6.43 -29.22	131.89 4.94 -14.71	102.31 3.25 -3.54	80.95 1.27 0.00
NEG CAPITAL___MECHNVIL 23645	63.56 2.74 0.00	56.73 2.39 0.00	51.17 2.11 0.00	47.82 1.93 0.00	48.58 2.05 0.00	51.05 2.15 0.00	55.75 2.30 0.00	58.55 2.25 0.00	62.40 2.05 0.00	65.90 1.61 0.00	73.19 1.36 0.00	83.14 1.63 0.00	96.97 2.37 0.00	112.50 4.43 0.00	128.84 6.36 0.00	141.35 8.38 0.00	192.67 12.27 0.00	335.23 15.18 -90.03	495.02 13.69 -273.90	492.73 10.44 -324.09	417.71 9.03 -271.83	255.97 6.85 -136.88	133.63 5.15 -32.96	83.10 3.42 0.00
NEG CENTRAL_HIGH_ACRES 23767	61.12 0.31 0.00	53.74 -0.60 0.00	48.43 -0.64 0.00	45.02 -0.87 0.00	45.55 -0.98 0.00	48.03 -0.88 0.00	52.44 -1.02 0.00	55.62 -0.67 0.00	60.23 -0.12 0.00	64.80 0.51 0.00	73.19 1.36 0.00	83.46 1.95 0.00	97.44 2.84 0.00	110.66 2.59 0.00	124.79 2.32 0.00	135.49 2.52 0.00	182.20 1.80 0.00	232.33 2.30 0.00	212.81 5.38 0.00	164.36 6.16 0.00	143.01 6.16 0.00	114.03 1.79 0.00	95.71 0.19 0.00	80.24 0.56 0.00

NEG CENTRAL___DRP 24199	61.97 1.16 0.00	54.77 0.43 0.00	49.41 0.34 0.00	46.03 0.14 0.00	46.67 0.14 0.00	49.20 0.29 0.00	53.78 0.32 0.00	56.80 0.51 0.00	61.13 0.78 0.00	65.45 1.16 0.00	73.63 1.80 0.00	83.87 2.36 0.00	97.07 2.46 0.00	110.77 2.70 0.00	125.53 3.06 0.00	136.56 3.59 0.00	184.18 3.79 0.00	235.55 5.52 0.00	215.31 7.88 0.00	166.11 7.91 0.00	144.51 7.66 0.00	115.83 3.59 0.00	97.34 1.81 0.00	81.67 1.99 0.00
NEG CENTRAL___INDECK 23768	63.00 2.19 0.00	55.10 0.76 0.00	49.61 0.54 0.00	46.08 0.18 0.00	46.58 0.05 0.00	49.25 0.34 0.00	53.83 0.38 0.00	56.74 0.45 0.00	60.83 0.48 0.00	65.19 0.90 0.00	73.34 1.51 0.00	83.71 2.20 0.00	97.44 2.84 0.00	107.32 -0.75 0.00	120.64 -1.83 0.00	131.23 -1.73 0.00	175.70 -4.69 0.00	225.89 -4.13 0.00	211.57 4.15 0.00	165.64 7.44 0.00	144.92 8.07 0.00	115.27 3.03 0.00	96.19 0.67 0.00	83.03 3.35 0.00
NEG CENTRAL___SENECA 23627	62.52 1.70 0.00	55.10 0.76 0.00	49.75 0.69 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.54 0.64 0.00	54.04 0.59 0.00	57.14 0.84 0.00	61.56 1.21 0.00	66.03 1.74 0.00	74.34 2.51 0.00	84.93 3.42 0.00	97.92 3.31 0.00	111.63 3.57 0.00	126.15 3.67 0.00	137.22 4.25 0.00	184.90 4.51 0.00	236.47 6.44 0.00	217.18 9.75 0.00	167.85 9.65 0.00	146.15 9.31 0.00	116.62 4.38 0.00	97.81 2.29 0.00	82.47 2.79 0.00
NEG CENTRAL___STATE_STREET 24147	61.61 0.79 0.00	54.61 0.27 0.00	49.21 0.15 0.00	45.90 0.00 0.00	46.53 0.00 0.00	49.00 0.10 0.00	53.67 0.21 0.00	56.63 0.34 0.00	60.83 0.48 0.00	65.06 0.77 0.00	73.05 1.22 0.00	83.14 1.63 0.00	96.50 1.89 0.00	110.44 2.38 0.00	125.17 2.69 0.00	136.29 3.32 0.00	184.36 3.97 0.00	235.55 5.52 0.00	214.89 7.47 0.00	165.32 7.12 0.00	143.55 6.71 0.00	115.50 3.25 0.00	97.34 1.81 0.00	81.11 1.43 0.00
NEG MILLWOOD___DRP 24198	62.09 1.28 0.00	55.64 1.30 0.00	50.39 1.32 0.00	47.00 1.10 0.00	47.70 1.16 0.00	50.23 1.32 0.00	55.11 1.66 0.00	57.92 1.63 0.00	62.22 1.87 0.00	66.16 1.86 0.00	73.70 1.87 0.00	83.79 2.28 0.00	98.01 3.41 0.00	113.90 5.84 0.00	131.05 8.57 0.00	143.74 10.77 0.00	196.45 16.06 0.00	258.51 18.86 -9.63	251.86 15.14 -29.29	203.61 10.76 -34.65	174.26 8.35 -29.07	132.94 6.06 -14.64	102.58 3.53 -3.52	81.27 1.59 0.00
NEG NORTH_FLCN_SEA 23793	61.12 0.30 0.00	54.50 0.16 0.00	49.16 0.10 0.00	46.40 0.50 0.00	47.09 0.56 0.00	49.15 0.24 0.00	53.99 0.53 0.00	56.86 0.56 0.00	60.95 0.60 0.00	64.93 0.64 0.00	72.69 0.86 0.00	82.24 0.73 0.00	94.14 -0.47 0.00	106.01 -2.05 0.00	118.92 -3.55 0.00	128.58 -4.39 0.00	174.44 -5.95 0.00	224.27 -5.75 0.00	201.83 -5.60 0.00	153.45 -4.75 0.00	133.15 -3.69 0.00	109.88 -2.36 0.00	95.04 -0.48 0.00	81.41 0.96 -0.78
NEG NORTH_KES_CHATEGAY 23792	62.23 0.55 -0.87	54.73 0.38 -0.01	49.36 0.29 0.00	46.31 0.41 0.00	47.00 0.47 0.00	49.30 0.39 0.00	54.20 0.75 0.00	56.97 0.68 0.00	61.01 0.66 0.00	65.00 0.71 0.00	72.69 0.86 0.00	82.24 0.73 0.00	94.32 -0.28 0.00	106.12 -1.95 0.00	119.04 -3.43 0.00	128.58 -4.39 0.00	174.62 -5.77 0.00	224.27 -5.75 0.00	202.03 -5.39 0.00	153.77 -4.43 0.00	133.43 -3.42 0.00	110.33 -1.91 0.00	95.52 0.00 0.00	82.55 1.27 -1.60
NEG NORTH___ALICE_FALLS 23915	61.79 0.97 0.00	55.05 0.71 0.00	49.60 0.54 0.00	46.72 0.83 0.00	47.42 0.88 0.00	49.59 0.68 0.00	54.52 1.07 0.00	57.36 1.07 0.00	61.50 1.15 0.00	65.51 1.22 0.00	73.27 1.44 0.00	82.90 1.39 0.00	94.89 0.28 0.00	106.77 -1.30 0.00	119.78 -2.69 0.00	129.64 -3.32 0.00	175.88 -4.51 0.00	226.35 -3.68 0.00	203.90 -3.53 0.00	155.04 -3.16 0.00	134.66 -2.19 0.00	110.89 -1.35 0.00	95.90 0.38 0.00	82.34 1.75 -0.91
NEG NORTH___LWR_SARANAC 23913	61.79 0.97 0.00	55.05 0.71 0.00	49.60 0.54 0.00	46.72 0.83 0.00	47.42 0.88 0.00	49.59 0.68 0.00	54.52 1.07 0.00	57.36 1.07 0.00	61.50 1.15 0.00	65.51 1.22 0.00	73.27 1.44 0.00	82.90 1.39 0.00	94.89 0.28 0.00	106.77 -1.30 0.00	119.78 -2.69 0.00	129.64 -3.32 0.00	175.88 -4.51 0.00	226.35 -3.68 0.00	203.90 -3.53 0.00	155.04 -3.16 0.00	134.66 -2.19 0.00	110.89 -1.35 0.00	95.90 0.38 0.00	82.34 1.75 -0.91
NEG NORTH___PLATTSBURG 23628	61.79 0.97 0.00	55.04 0.70 0.00	49.61 0.54 0.00	46.72 0.83 0.00	47.41 0.88 0.00	49.59 0.68 0.00	54.52 1.07 0.00	57.36 1.07 0.00	61.49 1.14 0.00	65.51 1.22 0.00	73.27 1.44 0.00	82.89 1.38 0.00	94.89 0.28 0.00	106.66 -1.41 0.00	119.89 -2.58 0.00	129.51 -3.46 0.00	175.89 -4.50 0.00	226.34 -3.69 0.00	203.90 -3.53 0.00	155.04 -3.16 0.00	134.65 -2.19 0.00	111.23 -1.01 0.00	95.91 0.38 0.00	82.34 1.75 -0.91
NEG WEST_LEA_LOCKPORT 23791	62.03 1.22 0.00	54.01 -0.33 0.00	48.52 -0.54 0.00	45.16 -0.73 0.00	45.65 -0.88 0.00	47.88 -1.03 0.00	52.12 -1.34 0.00	55.11 -1.18 0.00	59.93 -0.42 0.00	65.13 0.84 0.00	73.77 1.94 0.00	84.53 3.02 0.00	98.11 3.50 0.00	110.34 2.27 0.00	123.82 1.35 0.00	134.30 1.33 0.00	177.51 -2.89 0.00	224.27 -5.75 0.00	207.43 0.00 0.00	162.15 3.95 0.00	143.14 6.29 0.00	112.69 0.45 0.00	94.66 -0.86 0.00	80.56 0.88 0.00
NEG WEST___LANCASTR 23811	62.76 1.95 0.00	54.61 0.27 0.00	49.02 -0.05 0.00	45.67 -0.23 0.00	46.16 -0.37 0.00	48.47 -0.44 0.00	53.08 -0.37 0.00	56.29 0.00 0.00	61.13 0.78 0.00	66.28 1.99 0.00	75.21 3.38 0.00	86.48 4.97 0.00	100.47 5.87 0.00	113.47 5.40 0.00	127.49 5.02 0.00	138.55 5.58 0.00	184.00 3.61 0.00	232.33 2.30 0.00	214.48 7.05 0.00	167.22 9.02 0.00	146.97 10.13 0.00	116.06 3.82 0.00	97.34 1.81 0.00	82.15 2.47 0.00
NEG_PENN_ALLEGHNY 23528	61.97 1.15 0.00	55.04 0.70 0.00	49.61 0.54 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.39 0.49 0.00	54.04 0.59 0.00	57.02 0.73 0.00	61.31 0.96 0.00	65.64 1.35 0.00	73.69 1.86 0.00	83.95 2.44 0.00	97.54 2.94 0.00	111.85 3.78 0.00	126.51 4.04 0.00	137.89 4.92 0.00	185.99 5.60 0.00	240.78 6.67 -4.08	227.72 7.88 -12.41	180.48 7.59 -14.68	156.27 7.11 -12.32	122.26 3.82 -6.20	99.21 2.20 -1.49	81.43 1.75 0.00
NEG___GEN_MONROE 24207	62.82 2.01 0.00	55.05 0.71 0.00	49.46 0.39 0.00	45.99 0.09 0.00	46.44 -0.09 0.00	48.95 0.05 0.00	53.45 0.00 0.00	56.63 0.34 0.00	61.38 1.03 0.00	66.16 1.86 0.00	74.85 3.02 0.00	85.34 3.83 0.00	99.43 4.83 0.00	112.50 4.43 0.00	127.13 4.65 0.00	137.62 4.65 0.00	184.00 3.61 0.00	234.40 4.37 0.00	215.93 8.50 0.00	167.53 9.33 0.00	146.70 9.85 0.00	116.51 4.27 0.00	97.72 2.20 0.00	82.63 2.95 0.00
NEPA___ENERGY 23901	63.07 2.25 0.00	54.88 0.54 0.00	49.31 0.25 0.00	45.94 0.05 0.00	46.49 -0.05 0.00	48.81 -0.10 0.00	53.45 0.00 0.00	56.74 0.45 0.00	61.62 1.27 0.00	66.73 2.44 0.00	75.78 3.95 0.00	87.05 5.54 0.00	101.04 6.43 0.00	114.12 6.05 0.00	128.23 5.76 0.00	139.35 6.38 0.00	184.72 4.33 0.00	233.48 3.45 0.00	215.31 7.88 0.00	168.01 9.81 0.00	147.66 10.81 0.00	116.84 4.60 0.00	98.01 2.48 0.00	82.63 2.95 0.00

NEVERSINK___HYD 23608	61.73 0.91 0.00	55.26 0.92 0.00	49.99 0.93 0.00	46.68 0.78 0.00	47.27 0.74 0.00	49.79 0.88 0.00	54.58 1.12 0.00	57.48 1.18 0.00	61.62 1.27 0.00	65.51 1.22 0.00	72.91 1.08 0.00	82.73 1.22 0.00	96.79 2.18 0.00	112.07 4.00 0.00	128.47 6.00 0.00	140.81 7.84 0.00	192.30 11.90 0.00	252.71 14.73 -7.95	246.33 12.24 -26.67	199.84 8.70 -32.95	172.21 6.98 -28.39	132.41 5.06 -15.11	102.02 2.86 -3.64	80.79 1.11 0.00
NEWKRMKL_115KV_TB1 55635	62.16 1.34 0.00	55.70 1.36 0.00	50.34 1.28 0.00	47.09 1.19 0.00	47.74 1.21 0.00	50.18 1.27 0.00	54.74 1.28 0.00	57.53 1.24 0.00	61.50 1.15 0.00	65.19 0.90 0.00	72.55 0.72 0.00	82.24 0.73 0.00	95.93 1.32 0.00	111.20 3.13 0.00	127.25 4.78 0.00	139.08 6.12 0.00	189.05 8.66 0.00	298.90 10.12 -58.76	394.49 8.30 -178.77	375.58 5.85 -211.53	319.05 4.79 -177.42	205.28 3.70 -89.34	119.51 2.48 -21.51	80.88 1.20 0.00
NEWTON___FALLS_HYD 23847	69.35 2.13 -6.41	56.09 1.68 -0.06	50.44 1.37 0.00	47.18 1.29 0.00	47.70 1.16 0.00	50.27 1.37 0.00	55.11 1.66 0.00	57.98 1.69 0.00	62.22 1.87 0.00	66.16 1.86 0.00	73.98 2.15 0.00	83.38 1.87 0.00	94.99 0.38 0.00	107.53 -0.54 0.00	119.41 -3.06 0.00	129.77 -3.19 0.00	176.25 -4.15 0.00	226.81 -3.22 0.00	206.18 -1.24 0.00	158.36 0.16 0.00	136.44 -0.41 0.00	111.57 -0.67 0.00	97.34 1.81 0.00	90.10 3.19 -7.24
NGRID_A1_DSASP 323792	61.12 0.31 0.00	53.14 -1.20 0.00	47.74 -1.32 0.00	44.47 -1.42 0.00	45.41 -1.12 0.00	47.10 -1.81 0.00	51.37 -2.09 0.00	54.44 -1.86 0.00	59.38 -0.97 0.00	64.48 0.19 0.00	73.12 1.29 0.00	83.71 2.20 0.00	97.16 2.56 0.00	109.47 1.40 0.00	122.11 -0.37 0.00	132.83 -0.13 0.00	175.53 -4.86 0.00	220.58 -9.44 0.00	203.90 -3.53 0.00	160.10 1.91 0.00	140.82 3.97 0.00	110.90 -1.34 0.00	93.51 -2.01 0.00	79.52 -0.16 0.00
NGRID_A2_DSASP 323793	61.12 0.31 0.00	53.14 -1.20 0.00	47.74 -1.32 0.00	44.47 -1.42 0.00	45.41 -1.12 0.00	47.10 -1.81 0.00	51.37 -2.09 0.00	54.44 -1.86 0.00	59.38 -0.97 0.00	64.48 0.19 0.00	73.12 1.29 0.00	83.71 2.20 0.00	97.16 2.56 0.00	109.47 1.40 0.00	122.11 -0.37 0.00	132.83 -0.13 0.00	175.53 -4.86 0.00	220.58 -9.44 0.00	203.90 -3.53 0.00	160.10 1.91 0.00	140.82 3.97 0.00	110.90 -1.34 0.00	93.51 -2.01 0.00	79.52 -0.16 0.00
NGRID_A4_DSASP 323807	61.12 0.31 0.00	53.14 -1.20 0.00	47.74 -1.32 0.00	44.47 -1.42 0.00	45.41 -1.12 0.00	47.10 -1.81 0.00	51.37 -2.09 0.00	54.44 -1.86 0.00	59.38 -0.97 0.00	64.48 0.19 0.00	73.12 1.29 0.00	83.71 2.20 0.00	97.16 2.56 0.00	109.47 1.40 0.00	122.11 -0.37 0.00	132.83 -0.13 0.00	175.53 -4.86 0.00	220.58 -9.44 0.00	203.90 -3.53 0.00	160.10 1.91 0.00	140.82 3.97 0.00	110.90 -1.34 0.00	93.51 -2.01 0.00	79.52 -0.16 0.00
NIAGARA_115E_LBMP 323715	61.73 0.91 0.00	53.74 -0.60 0.00	48.33 -0.73 0.00	45.07 -0.82 0.00	44.95 -1.58 0.00	47.63 -1.27 0.00	51.74 -1.71 0.00	54.55 -1.75 0.00	59.45 -0.90 0.00	64.55 0.26 0.00	73.19 1.36 0.00	83.79 2.28 0.00	97.25 2.65 0.00	109.69 1.62 0.00	122.47 0.00 0.00	133.23 0.27 0.00	176.25 -4.14 0.00	221.52 -8.51 0.00	204.95 -2.48 0.00	160.89 2.69 0.00	141.50 4.66 0.00	111.34 -0.90 0.00	93.70 -1.82 0.00	80.24 0.56 0.00
NIAGARA_115W_LBMP 323714	60.94 0.12 0.00	52.98 -1.36 0.00	47.59 -1.47 0.00	44.34 -1.56 0.00	45.32 -1.21 0.00	46.95 -1.96 0.00	51.21 -2.24 0.00	54.27 -2.02 0.00	59.20 -1.15 0.00	64.29 0.00 0.00	72.91 1.08 0.00	83.46 1.95 0.00	96.88 2.27 0.00	109.04 0.97 0.00	121.74 -0.73 0.00	132.44 -0.53 0.00	174.99 -5.41 0.00	219.91 -10.12 0.00	203.28 -4.15 0.00	159.46 1.26 0.00	140.40 3.55 0.00	110.56 -1.68 0.00	93.23 -2.29 0.00	79.28 -0.40 0.00
NIAGARA_230_LBMP 323716	61.67 0.85 0.00	53.63 -0.71 0.00	48.23 -0.83 0.00	44.93 -0.97 0.00	45.41 -1.12 0.00	47.59 -1.32 0.00	51.90 -1.55 0.00	55.00 -1.29 0.00	59.93 -0.42 0.00	65.00 0.71 0.00	73.69 1.86 0.00	84.36 2.85 0.00	97.92 3.31 0.00	110.44 2.37 0.00	123.34 0.86 0.00	134.16 1.19 0.00	177.50 -2.89 0.00	223.13 -6.89 0.00	206.39 -1.03 0.00	161.68 3.48 0.00	142.18 5.33 0.00	112.13 -0.11 0.00	94.47 -1.05 0.00	80.31 0.63 0.00
NIAGARA___115KV_198_GIBSON 55903	60.94 0.12 0.00	52.98 -1.36 0.00	47.59 -1.47 0.00	44.34 -1.56 0.00	44.81 -1.72 0.00	46.95 -1.96 0.00	51.21 -2.25 0.00	54.27 -2.03 0.00	59.08 -1.27 0.00	64.23 -0.06 0.00	72.76 0.93 0.00	83.47 1.96 0.00	96.78 2.18 0.00	108.61 0.54 0.00	121.98 -0.49 0.00	132.17 -0.80 0.00	174.44 -5.95 0.00	219.90 -10.12 0.00	203.28 -4.15 0.00	158.99 0.79 0.00	140.40 3.56 0.00	110.67 -1.57 0.00	93.23 -2.29 0.00	79.84 0.16 0.00
NIAGARA____ 23760	61.67 0.85 0.00	53.63 -0.71 0.00	48.23 -0.83 0.00	44.93 -0.97 0.00	45.41 -1.12 0.00	47.59 -1.32 0.00	51.90 -1.55 0.00	55.00 -1.29 0.00	59.93 -0.42 0.00	65.00 0.71 0.00	73.69 1.86 0.00	84.36 2.85 0.00	97.92 3.31 0.00	110.44 2.37 0.00	123.34 0.86 0.00	134.16 1.19 0.00	177.50 -2.89 0.00	223.13 -6.89 0.00	206.39 -1.03 0.00	161.68 3.48 0.00	142.18 5.33 0.00	112.13 -0.11 0.00	94.47 -1.05 0.00	80.31 0.63 0.00
NINE_MILE_1 23575	59.24 -1.58 0.00	52.71 -1.63 0.00	47.54 -1.52 0.00	44.43 -1.47 0.00	45.04 -1.49 0.00	47.39 -1.52 0.00	51.80 -1.66 0.00	54.61 -1.69 0.00	58.66 -1.69 0.00	62.62 -1.67 0.00	70.11 -1.72 0.00	79.64 -1.87 0.00	92.53 -2.08 0.00	105.91 -2.16 0.00	120.02 -2.45 0.00	130.44 -2.53 0.00	176.60 -3.80 0.00	225.18 -4.84 0.00	204.10 -3.33 0.00	156.31 -1.89 0.00	135.34 -1.50 0.00	110.00 -2.24 0.00	93.14 -2.38 0.00	77.69 -1.99 0.00
NINE_MILE_2 23744	59.24 -1.58 0.00	52.71 -1.63 0.00	47.54 -1.52 0.00	44.43 -1.47 0.00	45.04 -1.49 0.00	47.39 -1.52 0.00	51.80 -1.66 0.00	54.61 -1.69 0.00	58.66 -1.69 0.00	62.62 -1.67 0.00	70.11 -1.72 0.00	79.64 -1.87 0.00	92.53 -2.08 0.00	105.91 -2.16 0.00	120.02 -2.45 0.00	130.44 -2.53 0.00	176.60 -3.80 0.00	225.18 -4.84 0.00	204.10 -3.33 0.00	156.31 -1.89 0.00	135.34 -1.50 0.00	110.00 -2.24 0.00	93.14 -2.38 0.00	77.69 -1.99 0.00
NM_CAPITAL___DRP 24208	61.97 1.16 0.00	55.54 1.20 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.65 1.12 0.00	50.03 1.12 0.00	54.63 1.18 0.00	57.36 1.07 0.00	61.38 1.03 0.00	65.06 0.77 0.00	72.40 0.57 0.00	82.08 0.57 0.00	95.65 1.04 0.00	110.98 2.92 0.00	127.13 4.65 0.00	138.82 5.85 0.00	188.87 8.48 0.00	297.39 9.66 -57.71	390.88 7.88 -175.57	371.47 5.54 -207.74	315.60 4.52 -174.24	203.46 3.48 -87.74	118.84 2.20 -21.12	80.64 0.96 0.00
NM_CENTRAL___DRP 24181	60.45 -0.36 0.00	53.74 -0.60 0.00	48.48 -0.59 0.00	45.25 -0.64 0.00	45.88 -0.65 0.00	48.27 -0.64 0.00	52.81 -0.64 0.00	55.73 -0.56 0.00	59.93 -0.42 0.00	64.03 -0.26 0.00	71.83 0.00 0.00	81.59 0.08 0.00	94.89 0.28 0.00	108.71 0.65 0.00	123.33 0.86 0.00	134.16 1.20 0.00	181.30 0.90 0.00	231.41 1.38 0.00	209.92 2.49 0.00	161.05 2.85 0.00	139.58 2.74 0.00	113.03 0.79 0.00	95.33 -0.19 0.00	79.44 -0.24 0.00

NM_FRONTIER___DRP 24179	60.94 0.12 0.00	52.98 -1.36 0.00	47.59 -1.47 0.00	44.34 -1.56 0.00	44.81 -1.72 0.00	46.95 -1.96 0.00	51.21 -2.25 0.00	54.27 -2.03 0.00	59.08 -1.27 0.00	64.23 -0.06 0.00	72.76 0.93 0.00	83.47 1.96 0.00	96.78 2.18 0.00	108.61 0.54 0.00	121.98 -0.49 0.00	132.17 -0.80 0.00	174.44 -5.95 0.00	219.90 -10.12 0.00	203.28 -4.15 0.00	158.99 0.79 0.00	140.40 3.56 0.00	110.67 -1.57 0.00	93.23 -2.29 0.00	79.84 0.16 0.00
NM_ST_REGIS___HYD 24053	71.06 2.25 -8.00	56.27 1.85 -0.08	50.59 1.52 0.00	47.36 1.47 0.00	47.88 1.35 0.00	50.37 1.47 0.00	55.17 1.71 0.00	57.98 1.69 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.84 2.01 0.00	83.14 1.63 0.00	93.95 -0.66 0.00	105.15 -2.92 0.00	117.33 -5.14 0.00	126.85 -6.12 0.00	172.28 -8.12 0.00	221.97 -8.05 0.00	200.37 -7.05 0.00	152.66 -5.54 0.00	132.33 -4.52 0.00	109.32 -2.92 0.00	95.81 0.29 0.00	91.44 2.63 -9.13
NORTHPORT___1 23551	62.15 1.34 0.00	55.10 0.76 0.00	49.75 0.69 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.39 0.49 0.00	54.42 0.96 0.00	56.35 0.06 0.00	60.89 0.54 0.00	64.55 0.26 0.00	57.14 -0.86 13.83	60.21 -1.22 20.08	83.53 -0.95 10.14	106.80 1.30 2.57	124.29 3.67 1.85	140.27 7.31 0.00	192.48 12.09 0.00	250.40 11.04 -9.34	243.91 8.08 -28.41	192.53 5.38 -28.95	164.42 2.88 -24.69	125.65 1.12 -12.28	75.87 -1.05 18.61	61.53 -2.47 15.68
NORTHPORT___2 23552	62.15 1.34 0.00	55.10 0.76 0.00	49.75 0.69 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.39 0.49 0.00	54.42 0.96 0.00	56.35 0.06 0.00	60.89 0.54 0.00	64.55 0.26 0.00	57.14 -0.86 13.83	60.21 -1.22 20.08	83.53 -0.95 10.14	106.80 1.30 2.57	124.29 3.67 1.85	140.27 7.31 0.00	192.48 12.09 0.00	250.40 11.04 -9.34	243.91 8.08 -28.41	192.53 5.38 -28.95	164.42 2.88 -24.69	125.65 1.12 -12.28	75.87 -1.05 18.61	61.53 -2.47 15.68
NORTHPORT___3 23553	61.55 0.73 0.00	54.61 0.27 0.00	49.26 0.20 0.00	45.85 -0.05 0.00	46.44 -0.09 0.00	48.95 0.05 0.00	53.93 0.48 0.00	55.96 -0.34 0.00	60.53 0.18 0.00	64.10 -0.19 0.00	56.56 -1.51 13.76	59.99 -1.55 19.97	83.39 -1.13 10.08	106.47 0.97 2.56	123.94 3.42 1.96	140.00 7.04 0.01	192.11 11.72 0.01	250.85 11.50 -9.33	243.91 8.08 -28.40	191.96 5.06 -28.70	163.82 2.47 -24.51	125.21 0.79 -12.18	75.60 -1.43 18.49	61.27 -2.79 15.62
NORTHPORT___4 23650	61.55 0.73 0.00	54.61 0.27 0.00	49.26 0.20 0.00	45.85 -0.05 0.00	46.44 -0.09 0.00	48.95 0.05 0.00	53.93 0.48 0.00	55.96 -0.34 0.00	60.53 0.18 0.00	64.10 -0.19 0.00	56.56 -1.51 13.76	59.99 -1.55 19.97	83.39 -1.13 10.08	106.47 0.97 2.56	123.94 3.42 1.96	140.00 7.04 0.01	192.11 11.72 0.01	250.85 11.50 -9.33	243.91 8.08 -28.40	191.96 5.06 -28.70	163.82 2.47 -24.51	125.21 0.79 -12.18	75.60 -1.43 18.49	61.27 -2.79 15.62
NORTHPORT___IC 23718	62.16 1.34 0.00	55.10 0.76 0.00	49.75 0.69 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.39 0.49 0.00	54.42 0.96 0.00	56.35 0.06 0.00	60.89 0.54 0.00	65.00 0.71 0.00	57.07 -0.93 13.83	60.21 -1.22 20.08	83.62 -0.85 10.14	106.79 1.30 2.57	124.29 3.67 1.85	140.28 7.31 0.00	193.38 12.99 0.00	250.40 11.04 -9.34	243.92 8.09 -28.41	193.63 6.49 -28.95	164.41 2.87 -24.69	125.65 1.12 -12.28	75.77 -1.15 18.61	61.53 -2.47 15.68
NORTH___COUNTRY_ESR 323785	62.07 0.37 -0.89	54.57 0.22 -0.01	49.21 0.15 0.00	46.22 0.32 0.00	46.90 0.37 0.00	49.20 0.30 0.00	54.04 0.59 0.00	56.91 0.62 0.00	61.01 0.67 0.00	65.00 0.71 0.00	72.69 0.87 0.00	82.24 0.73 0.00	94.42 -0.19 0.00	106.12 -1.94 0.00	119.29 -3.18 0.00	128.71 -4.26 0.00	174.61 -5.78 0.00	224.28 -5.74 0.00	201.84 -5.59 0.00	153.29 -4.91 0.00	132.87 -3.97 0.00	110.10 -2.14 0.00	95.24 -0.29 0.00	82.33 1.03 -1.62
NPX_GEN_1385_PROXY 323591	61.97 1.15 0.00	54.94 0.60 0.00	49.75 0.69 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.39 0.49 0.00	54.42 0.96 0.00	56.12 -0.17 0.00	60.41 0.06 0.00	64.10 -0.19 0.00	58.00 0.00 13.83	61.43 0.00 20.08	84.76 0.28 10.14	108.09 2.59 2.57	125.76 5.14 1.85	143.94 8.91 -2.07	192.57 14.25 2.07	252.47 13.10 -9.34	246.61 10.78 -28.41	195.05 7.91 -28.95	164.04 5.20 -21.99	130.48 3.26 -14.98	89.27 0.76 7.01	62.80 -1.19 15.68
NPX_GEN_CSC 323557	62.22 1.40 0.00	55.04 0.70 0.00	49.55 0.49 0.00	45.99 0.09 0.00	46.63 0.09 0.00	49.20 0.30 0.00	54.31 0.85 0.00	55.96 -0.34 0.00	60.59 0.24 0.00	64.29 0.00 0.00	57.92 -0.29 13.62	61.73 0.00 19.78	85.10 0.48 9.98	108.78 3.24 2.53	126.70 6.12 1.90	145.68 10.64 -2.07	194.74 16.41 2.07	254.54 15.18 -9.34	248.28 12.44 -28.41	196.05 9.01 -28.84	164.64 5.88 -21.91	130.32 3.14 -14.94	77.53 0.29 18.27	63.18 -1.12 15.39
NSINS_S_GLNS_FALLS 23858	63.92 3.10 0.00	56.95 2.61 0.00	51.32 2.26 0.00	47.87 1.97 0.00	48.67 2.14 0.00	51.20 2.30 0.00	55.91 2.46 0.00	58.77 2.48 0.00	62.40 2.05 0.00	65.71 1.41 0.00	72.55 0.72 0.00	82.41 0.90 0.00	96.03 1.42 0.00	111.42 3.35 0.00	127.86 5.39 0.00	140.54 7.58 0.00	191.76 11.36 0.00	340.34 14.95 -95.36	511.26 13.69 -290.14	513.06 11.55 -343.31	434.92 10.13 -287.95	264.98 7.74 -145.00	136.35 5.92 -34.91	83.82 4.14 0.00
NUCOR_STEEL___DRP 24197	61.67 0.85 0.00	54.72 0.38 0.00	49.31 0.25 0.00	45.99 0.09 0.00	46.63 0.09 0.00	49.10 0.20 0.00	53.72 0.27 0.00	56.69 0.39 0.00	60.89 0.54 0.00	65.06 0.77 0.00	72.98 1.15 0.00	82.98 1.47 0.00	96.41 1.80 0.00	110.23 2.16 0.00	125.04 2.57 0.00	136.02 3.06 0.00	184.00 3.61 0.00	235.32 5.29 0.00	214.27 6.85 0.00	164.84 6.64 0.00	143.14 6.29 0.00	115.38 3.14 0.00	97.24 1.72 0.00	81.11 1.43 0.00
NUMBER_THREE_WT_PWR 323818	65.35 1.64 -2.89	55.62 1.25 -0.03	49.99 0.93 0.00	46.77 0.87 0.00	47.32 0.79 0.00	50.03 1.13 0.00	55.01 1.55 0.00	57.93 1.63 0.00	62.52 2.17 0.00	66.41 2.12 0.00	74.27 2.44 0.00	83.88 2.37 0.00	96.60 1.99 0.00	110.44 2.37 0.00	122.96 0.49 0.00	133.90 0.94 0.00	182.01 1.62 0.00	234.17 4.14 0.00	213.86 6.44 0.00	164.69 6.49 0.00	141.09 4.25 0.00	114.60 2.36 0.00	98.77 3.25 0.00	86.45 3.50 -3.27
NYISO_LBMP_REFERENCE 24008	60.82 0.00 0.00	54.34 0.00 0.00	49.06 0.00 0.00	45.90 0.00 0.00	46.53 0.00 0.00	48.91 0.00 0.00	53.45 0.00 0.00	56.29 0.00 0.00	60.35 0.00 0.00	64.29 0.00 0.00	71.83 0.00 0.00	81.51 0.00 0.00	94.61 0.00 0.00	108.07 0.00 0.00	122.47 0.00 0.00	132.97 0.00 0.00	180.39 0.00 0.00	230.03 0.00 0.00	207.43 0.00 0.00	158.20 0.00 0.00	136.85 0.00 0.00	112.24 0.00 0.00	95.52 0.00 0.00	79.68 0.00 0.00
NYPA_BRENTWD____GT 24164	62.94 2.13 0.00	55.75 1.41 0.00	50.24 1.18 0.00	46.63 0.73 0.00	47.27 0.74 0.00	49.88 0.98 0.00	55.01 1.55 0.00	56.86 0.56 0.00	61.56 1.21 0.00	65.32 1.03 0.00	58.97 0.51 13.36	62.75 0.65 19.41	86.14 1.32 9.79	109.26 3.68 2.48	126.29 5.64 1.82	142.67 9.70 0.00	195.91 15.52 0.00	254.78 15.41 -9.34	247.86 12.03 -28.41	195.60 8.38 -29.02	166.93 5.33 -24.75	127.47 2.91 -12.31	78.89 1.24 17.87	64.11 -0.55 15.02

NYPA_GOWANUS____GT5 24156	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.13 0.85 0.01	61.67 1.33 0.01	65.70 1.41 0.01	73.18 1.36 0.01	83.29 1.79 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.21 10.10 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.76 13.47 8.14	145.09 9.81 22.93	90.99 7.38 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
NYPA_GOWANUS____GT6 24157	61.42 0.61 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.41 0.96 0.01	57.13 0.85 0.01	61.67 1.33 0.01	65.70 1.41 0.01	73.18 1.36 0.01	83.29 1.79 0.01	65.94 2.75 31.42	74.07 5.29 39.29	114.79 7.85 15.53	125.21 10.10 17.85	177.84 14.96 17.52	256.83 17.47 -9.33	212.76 13.47 8.14	145.09 9.81 22.93	90.99 7.38 53.24	66.29 5.17 51.12	63.19 2.77 35.11	60.85 0.40 19.23
NYPA_HARLEM__RVR__GT1 24160	61.25 0.43 -0.01	55.00 0.65 -0.01	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.83 0.93 0.00	54.41 0.96 0.01	57.24 0.96 0.01	61.73 1.39 0.01	65.64 1.35 0.01	72.97 1.15 0.01	82.89 1.38 0.01	96.87 2.27 0.01	112.70 4.64 0.01	129.00 7.10 0.57	142.24 9.30 0.04	194.29 13.89 -0.01	255.23 15.86 -9.34	248.07 12.24 -28.41	200.35 8.54 -33.61	171.35 6.43 -28.07	130.69 4.26 -14.18	100.96 2.01 -3.43	79.67 0.00 0.01
NYPA_HARLEM__RVR__GT2 24161	61.25 0.43 -0.01	55.00 0.65 -0.01	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.83 0.93 0.00	54.41 0.96 0.01	57.24 0.96 0.01	61.73 1.39 0.01	65.64 1.35 0.01	72.97 1.15 0.01	82.89 1.38 0.01	96.87 2.27 0.01	112.70 4.64 0.01	129.00 7.10 0.57	142.24 9.30 0.04	194.29 13.89 -0.01	255.23 15.86 -9.34	248.07 12.24 -28.41	200.35 8.54 -33.61	171.35 6.43 -28.07	130.69 4.26 -14.18	100.96 2.01 -3.43	79.67 0.00 0.01
NYPA_KENT____GT 24152	61.29 0.48 0.01	54.87 0.54 0.01	50.19 1.13 0.00	47.18 1.28 0.00	47.74 1.21 0.00	49.88 0.98 0.00	54.46 1.01 0.01	57.24 0.96 0.01	61.67 1.33 0.01	65.70 1.41 0.01	73.12 1.29 0.01	83.13 1.63 0.01	65.75 2.56 31.42	73.75 4.97 39.29	100.04 7.47 29.91	124.12 9.70 18.55	177.31 14.44 17.52	261.61 16.78 -14.80	212.15 12.87 8.14	144.60 9.33 22.93	87.37 6.98 56.45	65.87 4.82 51.19	62.58 2.48 35.42	60.69 0.24 19.23
NYPA_POUCH1____GT 24155	52.14 0.31 8.98	51.00 0.22 3.56	50.05 0.98 0.00	47.18 1.28 0.00	47.70 1.16 0.00	49.74 0.83 0.00	50.85 0.64 3.25	51.01 0.56 5.85	52.51 0.96 8.80	53.40 1.09 11.98	54.65 1.01 18.19	55.43 1.38 27.46	55.23 4.75 41.64	65.55 7.10 47.27	98.67 14.08 30.90	98.75 9.44 43.66	145.71 14.08 48.76	204.11 16.10 42.01	197.22 12.44 22.65	133.72 9.01 33.49	82.40 6.70 61.15	57.65 4.60 59.19	54.53 2.29 43.28	52.18 0.00 27.50
NYPA_VERNON____GT2 24162	61.18 0.37 0.01	54.87 0.54 0.01	50.14 1.08 0.00	47.14 1.24 0.00	47.65 1.11 0.00	49.88 0.98 0.00	54.52 1.07 0.01	57.30 1.01 0.01	61.67 1.33 0.01	65.64 1.35 0.01	72.97 1.15 0.01	82.97 1.47 0.01	65.46 2.27 31.42	73.42 4.64 39.29	107.49 7.10 22.08	124.10 9.30 18.17	176.77 13.89 17.52	235.47 15.86 10.41	211.53 12.24 8.14	143.97 8.70 22.93	88.71 6.57 54.70	65.46 4.37 51.15	61.85 2.10 35.77	60.53 0.08 19.23
NYPA_VERNON____GT3 24163	61.18 0.37 0.01	54.87 0.54 0.01	50.14 1.08 0.00	47.14 1.24 0.00	47.65 1.11 0.00	49.88 0.98 0.00	54.52 1.07 0.01	57.30 1.01 0.01	61.67 1.33 0.01	65.64 1.35 0.01	72.97 1.15 0.01	82.97 1.47 0.01	65.46 2.27 31.42	73.42 4.64 39.29	107.49 7.10 22.08	124.10 9.30 18.17	176.77 13.89 17.52	235.47 15.86 10.41	211.53 12.24 8.14	143.97 8.70 22.93	88.71 6.57 54.70	65.46 4.37 51.15	61.85 2.10 35.77	60.53 0.08 19.23
NYPA____ASTORIA_CC1 323568	61.05 0.24 0.01	54.76 0.43 0.01	50.10 1.03 0.00	47.09 1.19 0.00	47.65 1.11 0.00	49.83 0.93 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.55 1.21 0.01	65.50 1.22 0.01	72.83 1.01 0.01	82.80 1.30 0.01	65.27 2.08 31.42	73.20 4.43 39.29	108.27 6.85 21.06	123.89 9.05 18.12	176.41 13.54 17.52	235.03 15.41 10.41	211.11 11.82 8.14	143.65 8.38 22.93	88.67 6.30 54.48	65.25 4.16 51.15	61.70 1.91 35.73	60.37 -0.08 19.23
NYPA____ASTORIA_CC2 323569	61.05 0.24 0.01	54.76 0.43 0.01	50.10 1.03 0.00	47.09 1.19 0.00	47.65 1.11 0.00	49.83 0.93 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.55 1.21 0.01	65.50 1.22 0.01	72.83 1.01 0.01	82.80 1.30 0.01	65.27 2.08 31.42	73.20 4.43 39.29	108.27 6.85 21.06	123.89 9.05 18.12	176.41 13.54 17.52	235.03 15.41 10.41	211.11 11.82 8.14	143.65 8.38 22.93	88.67 6.30 54.48	65.25 4.16 51.15	61.70 1.91 35.73	60.37 -0.08 19.23
NYPA____HOLTSVILL 23794	62.22 1.40 0.00	55.10 0.76 0.00	49.70 0.64 0.00	46.13 0.23 0.00	46.77 0.23 0.00	49.34 0.44 0.00	54.42 0.96 0.00	56.07 -0.22 0.00	60.65 0.30 0.00	64.36 0.06 0.00	57.76 -0.43 13.64	61.46 -0.24 19.80	84.71 0.09 10.00	108.12 2.59 2.53	125.84 5.26 1.90	142.27 9.30 0.00	195.19 14.80 0.00	252.70 13.34 -9.34	246.20 10.37 -28.41	194.63 7.59 -28.83	165.96 4.51 -24.61	126.84 2.36 -12.24	77.12 -0.10 18.30	62.84 -1.43 15.41
NYPA____HELLGATE_GT1 24158	61.25 0.43 -0.01	55.00 0.65 -0.01	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.83 0.93 0.00	54.41 0.96 0.01	57.24 0.96 0.01	61.73 1.39 0.01	65.64 1.35 0.01	72.97 1.15 0.01	82.89 1.38 0.01	96.87 2.27 0.01	112.70 4.64 0.01	129.00 7.10 0.57	142.24 9.30 0.04	194.29 13.89 -0.01	255.23 15.86 -9.34	248.07 12.24 -28.41	200.35 8.54 -33.61	171.35 6.43 -28.07	130.69 4.26 -14.18	100.96 2.01 -3.43	79.67 0.00 0.01
NYPA____HELLGATE_GT2 24159	61.25 0.43 -0.01	55.00 0.65 -0.01	50.30 1.23 -0.01	47.28 1.38 -0.01	47.74 1.21 0.00	49.83 0.93 0.00	54.41 0.96 0.01	57.24 0.96 0.01	61.73 1.39 0.01	65.64 1.35 0.01	72.97 1.15 0.01	82.89 1.38 0.01	96.87 2.27 0.01	112.70 4.64 0.01	129.00 7.10 0.57	142.24 9.30 0.04	194.29 13.89 -0.01	255.23 15.86 -9.34	248.07 12.24 -28.41	200.35 8.54 -33.61	171.35 6.43 -28.07	130.69 4.26 -14.18	100.96 2.01 -3.43	79.67 0.00 0.01
NYS_BARGE____HYD 23848	62.34 1.52 0.00	54.23 -0.11 0.00	48.72 -0.34 0.00	45.44 -0.46 0.00	45.51 -1.02 0.00	48.07 -0.83 0.00	52.33 -1.13 0.00	55.34 -0.96 0.00	60.29 -0.06 0.00	65.38 1.09 0.00	74.20 2.37 0.00	84.85 3.34 0.00	98.58 3.97 0.00	111.20 3.14 0.00	124.19 1.71 0.00	135.22 2.26 0.00	178.95 -1.45 0.00	225.43 -4.60 0.00	208.68 1.25 0.00	163.58 5.38 0.00	143.82 6.98 0.00	113.13 0.89 0.00	95.05 -0.48 0.00	81.19 1.51 0.00
OAK ORCHARD____HYD 24046	62.34 1.52 0.00	54.67 0.33 0.00	49.26 0.20 0.00	45.80 -0.09 0.00	46.30 -0.23 0.00	48.76 -0.15 0.00	53.24 -0.21 0.00	56.46 0.17 0.00	61.19 0.84 0.00	66.03 1.74 0.00	74.63 2.80 0.00	85.09 3.58 0.00	99.34 4.73 0.00	112.60 4.54 0.00	126.64 4.17 0.00	137.49 4.52 0.00	184.36 3.96 0.00	234.62 4.60 0.00	215.31 7.88 0.00	166.74 8.54 0.00	145.33 8.49 0.00	115.72 3.48 0.00	97.05 1.52 0.00	81.67 1.99 0.00

OAKDALE___35_KV_LOAD 356122	61.61 0.79 0.00	54.72 0.38 0.00	49.31 0.25 0.00	46.08 0.18 0.00	46.72 0.19 0.00	49.10 0.20 0.00	53.72 0.27 0.00	56.63 0.34 0.00	60.89 0.54 0.00	65.19 0.90 0.00	73.12 1.29 0.00	83.30 1.79 0.00	96.78 2.18 0.00	110.77 2.70 0.00	125.66 3.18 0.00	136.69 3.72 0.00	184.54 4.15 0.00	238.85 4.60 -4.23	226.31 6.02 -12.86	179.43 6.01 -15.22	155.36 5.75 -12.77	121.70 3.03 -6.43	98.60 1.53 -1.55	80.88 1.20 0.00
OCC_CHEM___DRP 24175	61.12 0.30 0.00	53.14 -1.20 0.00	47.74 -1.32 0.00	44.47 -1.42 0.00	44.95 -1.58 0.00	47.10 -1.81 0.00	51.37 -2.08 0.00	54.43 -1.86 0.00	59.26 -1.09 0.00	64.42 0.13 0.00	72.98 1.15 0.00	83.71 2.20 0.00	97.16 2.55 0.00	108.93 0.86 0.00	122.35 -0.12 0.00	132.57 -0.40 0.00	174.98 -5.41 0.00	220.59 -9.43 0.00	203.90 -3.53 0.00	159.46 1.27 0.00	140.82 3.97 0.00	111.01 -1.23 0.00	93.52 -2.01 0.00	80.00 0.32 0.00
OH_GEN_PROXY 24063	61.67 0.85 0.00	53.63 -0.71 0.00	48.23 -0.83 0.00	44.93 -0.97 0.00	45.41 -1.12 0.00	47.59 -1.32 0.00	51.96 -1.50 0.00	55.05 -1.24 0.00	59.99 -0.36 0.00	65.07 0.77 0.00	73.77 1.94 0.00	84.36 2.85 0.00	97.92 3.31 0.00	110.55 2.49 0.00	123.45 0.98 0.00	136.50 1.47 -2.07	175.80 -2.53 2.07	223.59 -6.44 0.00	206.60 -0.83 0.00	161.99 3.79 0.00	139.63 5.48 2.70	115.05 0.11 -2.70	94.57 -0.96 0.00	80.24 0.56 0.00
OLIN_CORP_DRP 24177	61.79 0.97 0.00	53.80 -0.54 0.00	48.38 -0.69 0.00	45.07 -0.83 0.00	45.51 -1.02 0.00	47.73 -1.17 0.00	51.85 -1.60 0.00	54.66 -1.63 0.00	59.51 -0.84 0.00	64.61 0.32 0.00	73.27 1.44 0.00	84.04 2.53 0.00	97.45 2.84 0.00	109.58 1.51 0.00	122.96 0.49 0.00	133.36 0.40 0.00	176.07 -4.33 0.00	222.20 -7.82 0.00	205.56 -1.87 0.00	160.73 2.53 0.00	141.91 5.06 0.00	111.79 -0.45 0.00	93.99 -1.53 0.00	79.92 0.24 0.00
OLIN_CORP_DSASP 323712	61.12 0.31 0.00	53.14 -1.20 0.00	47.74 -1.32 0.00	44.47 -1.42 0.00	45.41 -1.12 0.00	47.10 -1.81 0.00	51.37 -2.09 0.00	54.44 -1.86 0.00	59.38 -0.97 0.00	64.48 0.19 0.00	73.12 1.29 0.00	83.71 2.20 0.00	97.16 2.56 0.00	109.47 1.40 0.00	122.11 -0.37 0.00	132.83 -0.13 0.00	175.53 -4.86 0.00	220.58 -9.44 0.00	203.90 -3.53 0.00	160.10 1.91 0.00	140.82 3.97 0.00	110.90 -1.34 0.00	93.51 -2.01 0.00	79.52 -0.16 0.00
ONEIDA_HERK_LFGE 323681	63.71 1.58 -1.32	55.65 1.30 -0.01	50.10 1.03 0.00	46.86 0.97 0.00	47.46 0.93 0.00	50.03 1.13 0.00	54.90 1.44 0.00	57.75 1.46 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.84 2.01 0.00	83.46 1.95 0.00	96.69 2.08 0.00	110.87 2.81 0.00	124.79 2.32 0.00	135.89 2.92 0.00	185.27 4.87 0.00	237.16 7.14 0.00	215.73 8.31 0.00	165.48 7.28 0.00	142.46 5.61 0.00	115.83 3.59 0.00	98.67 3.15 0.00	84.12 2.95 -1.49
ONEIDA___115KV_TB4 55905	63.24 1.89 -0.54	55.81 1.47 -0.01	50.29 1.23 0.00	47.00 1.10 0.00	47.60 1.07 0.00	50.13 1.22 0.00	54.95 1.50 0.00	57.98 1.69 0.00	62.16 1.81 0.00	66.28 1.99 0.00	74.13 2.30 0.00	83.30 1.79 0.00	96.88 2.27 0.00	111.52 3.46 0.00	126.27 3.80 0.00	137.62 4.65 0.00	186.35 5.95 0.00	238.31 8.28 0.00	216.76 9.33 0.00	166.43 8.23 0.00	143.83 6.98 0.00	116.62 4.38 0.00	98.58 3.06 0.00	83.48 3.19 -0.61
ONONDAGA_REF_OCCRA 23987	60.76 -0.06 0.00	54.01 -0.33 0.00	48.67 -0.39 0.00	45.44 -0.46 0.00	46.07 -0.47 0.00	48.51 -0.39 0.00	53.08 -0.37 0.00	56.01 -0.28 0.00	60.23 -0.12 0.00	64.36 0.06 0.00	72.12 0.29 0.00	81.92 0.41 0.00	95.18 0.57 0.00	109.04 0.97 0.00	123.70 1.22 0.00	134.56 1.60 0.00	182.20 1.80 0.00	232.33 2.30 0.00	211.16 3.73 0.00	162.00 3.80 0.00	140.40 3.56 0.00	113.59 1.35 0.00	95.81 0.29 0.00	79.84 0.16 0.00
ONONDAGA___COGEN 23986	60.88 0.06 0.00	54.12 -0.22 0.00	48.77 -0.29 0.00	45.53 -0.37 0.00	46.21 -0.33 0.00	48.61 -0.29 0.00	53.19 -0.27 0.00	56.12 -0.17 0.00	60.29 -0.06 0.00	64.42 0.13 0.00	72.26 0.43 0.00	81.75 0.24 0.00	94.89 0.28 0.00	108.61 0.54 0.00	123.33 0.86 0.00	134.16 1.20 0.00	181.48 1.08 0.00	231.64 1.61 0.00	210.54 3.11 0.00	161.36 3.16 0.00	139.99 3.15 0.00	113.25 1.01 0.00	95.52 0.00 0.00	79.68 0.00 0.00
ONTARIO___LFGE 23819	62.52 1.70 0.00	55.10 0.76 0.00	49.75 0.69 0.00	46.35 0.46 0.00	47.00 0.47 0.00	49.54 0.63 0.00	54.04 0.59 0.00	57.14 0.85 0.00	61.56 1.21 0.00	66.03 1.74 0.00	74.41 2.58 0.00	84.93 3.42 0.00	98.01 3.40 0.00	111.74 3.68 0.00	126.03 3.55 0.00	137.35 4.38 0.00	185.08 4.68 0.00	236.46 6.43 0.00	217.18 9.75 0.00	168.01 9.81 0.00	146.16 9.31 0.00	116.50 4.26 0.00	97.81 2.29 0.00	82.47 2.79 0.00
ORANGEVILLE_WT_PWR 323706	62.58 1.76 0.00	54.50 0.16 0.00	48.97 -0.10 0.00	45.62 -0.27 0.00	46.07 -0.47 0.00	48.46 -0.44 0.00	52.97 -0.48 0.00	56.01 -0.28 0.00	60.65 0.30 0.00	65.58 1.29 0.00	74.34 2.51 0.00	85.18 3.67 0.00	98.96 4.35 0.00	111.95 3.88 0.00	125.29 2.82 0.00	136.56 3.59 0.00	181.83 1.44 0.00	230.26 0.23 0.00	213.03 5.60 0.00	166.89 8.70 0.00	146.42 9.58 0.00	115.72 3.48 0.00	96.96 1.43 0.00	81.99 2.31 0.00
ORANGEVILLE___ESR 323794	62.58 1.76 0.00	54.50 0.16 0.00	48.97 -0.10 0.00	45.62 -0.27 0.00	46.07 -0.47 0.00	48.46 -0.44 0.00	52.97 -0.48 0.00	56.01 -0.28 0.00	60.65 0.30 0.00	65.58 1.29 0.00	74.34 2.51 0.00	85.18 3.67 0.00	98.96 4.35 0.00	111.95 3.88 0.00	125.29 2.82 0.00	136.56 3.59 0.00	181.83 1.44 0.00	230.26 0.23 0.00	213.03 5.60 0.00	166.89 8.70 0.00	146.42 9.58 0.00	115.72 3.48 0.00	96.96 1.43 0.00	81.99 2.31 0.00
OSWEGATCHIE___HYD 24044	69.35 2.13 -6.41	56.09 1.69 -0.06	50.44 1.37 0.00	47.18 1.28 0.00	47.70 1.16 0.00	50.27 1.37 0.00	55.11 1.66 0.00	57.98 1.69 0.00	62.22 1.87 0.00	66.16 1.87 0.00	73.98 2.15 0.00	83.39 1.88 0.00	94.99 0.38 0.00	107.42 -0.64 0.00	119.53 -2.94 0.00	129.65 -3.32 0.00	176.25 -4.14 0.00	226.80 -3.22 0.00	206.39 -1.03 0.00	158.36 0.16 0.00	136.44 -0.41 0.00	111.68 -0.56 0.00	97.33 1.81 0.00	90.11 3.19 -7.24
OSWEGO___5 23606	59.72 -1.09 0.00	53.14 -1.20 0.00	47.94 -1.13 0.00	44.79 -1.10 0.00	45.37 -1.16 0.00	47.73 -1.17 0.00	52.23 -1.23 0.00	55.05 -1.24 0.00	59.14 -1.21 0.00	63.14 -1.16 0.00	70.75 -1.08 0.00	80.29 -1.22 0.00	93.38 -1.23 0.00	106.88 -1.19 0.00	121.01 -1.46 0.00	131.64 -1.33 0.00	178.04 -2.35 0.00	227.03 -3.00 0.00	205.98 -1.44 0.00	157.73 -0.47 0.00	136.71 -0.14 0.00	111.01 -1.23 0.00	93.90 -1.62 0.00	78.32 -1.36 0.00
OSWEGO___6 23613	59.72 -1.09 0.00	53.14 -1.20 0.00	47.94 -1.13 0.00	44.79 -1.10 0.00	45.37 -1.16 0.00	47.73 -1.17 0.00	52.23 -1.23 0.00	55.05 -1.24 0.00	59.14 -1.21 0.00	63.14 -1.16 0.00	70.75 -1.08 0.00	80.29 -1.22 0.00	93.38 -1.23 0.00	106.88 -1.19 0.00	121.01 -1.46 0.00	131.64 -1.33 0.00	178.04 -2.35 0.00	227.03 -3.00 0.00	205.98 -1.44 0.00	157.73 -0.47 0.00	136.71 -0.14 0.00	111.01 -1.23 0.00	93.90 -1.62 0.00	78.32 -1.36 0.00

OUTOKUMPU-AB___DRP 24206	62.76 1.95 0.00	54.72 0.38 0.00	49.11 0.05 0.00	45.71 -0.18 0.00	46.21 -0.33 0.00	48.47 -0.44 0.00	52.87 -0.59 0.00	56.07 -0.23 0.00	60.77 0.42 0.00	66.09 1.80 0.00	74.99 3.16 0.00	86.16 4.65 0.00	100.10 5.49 0.00	112.39 4.32 0.00	126.15 3.67 0.00	136.82 3.86 0.00	181.12 0.72 0.00	228.65 -1.38 0.00	211.57 4.15 0.00	165.16 6.96 0.00	145.60 8.76 0.00	114.49 2.24 0.00	96.38 0.86 0.00	81.99 2.31 0.00
OXBOW___BTM 323836	62.10 1.28 0.00	54.02 -0.32 0.00	48.53 -0.54 0.00	45.21 -0.69 0.00	45.98 -0.56 0.00	47.88 -1.03 0.00	52.23 -1.23 0.00	55.39 -0.90 0.00	60.41 0.06 0.00	65.51 1.22 0.00	74.34 2.51 0.00	85.26 3.75 0.00	99.06 4.45 0.00	110.99 2.92 0.00	123.82 1.35 0.00	134.83 1.86 0.00	178.41 -1.98 0.00	224.28 -5.74 0.00	207.43 0.00 0.00	162.62 4.42 0.00	143.01 6.16 0.00	112.47 0.22 0.00	95.24 -0.29 0.00	80.95 1.27 0.00
OXBOW___ 24026	62.09 1.28 0.00	54.01 -0.33 0.00	48.52 -0.54 0.00	45.16 -0.73 0.00	45.65 -0.88 0.00	47.88 -1.03 0.00	52.23 -1.23 0.00	55.39 -0.90 0.00	60.17 -0.18 0.00	65.45 1.16 0.00	74.20 2.37 0.00	85.26 3.75 0.00	98.96 4.35 0.00	110.55 2.49 0.00	124.06 1.59 0.00	134.56 1.60 0.00	177.69 -2.71 0.00	224.27 -5.75 0.00	207.43 0.00 0.00	162.00 3.80 0.00	143.00 6.16 0.00	112.47 0.22 0.00	95.23 -0.29 0.00	81.27 1.59 0.00
OXY_CHEM_DSASP 323612	61.12 0.30 0.00	53.14 -1.20 0.00	47.74 -1.32 0.00	44.47 -1.42 0.00	44.95 -1.58 0.00	47.10 -1.81 0.00	51.37 -2.08 0.00	54.43 -1.86 0.00	59.26 -1.09 0.00	64.42 0.13 0.00	72.98 1.15 0.00	83.71 2.20 0.00	97.16 2.55 0.00	108.93 0.86 0.00	122.35 -0.12 0.00	132.57 -0.40 0.00	174.98 -5.41 0.00	220.59 -9.43 0.00	203.90 -3.53 0.00	159.46 1.27 0.00	140.82 3.97 0.00	111.01 -1.23 0.00	93.52 -2.01 0.00	80.00 0.32 0.00
OZONE_PARK_ESR 323760	62.16 1.34 0.00	55.70 1.36 0.00	50.63 1.57 0.00	47.36 1.47 0.00	47.93 1.40 0.00	50.42 1.52 0.00	55.38 1.92 0.00	58.21 1.91 0.00	62.70 2.35 0.00	66.73 2.44 0.00	74.34 2.51 0.00	84.53 3.02 0.00	98.68 4.07 0.00	114.77 6.70 0.00	132.03 9.55 0.00	144.93 11.97 0.00	198.07 17.68 0.00	260.06 20.70 0.00	252.63 16.80 0.00	204.14 12.34 0.00	174.47 9.44 -28.18	133.06 6.62 -14.19	102.85 3.92 -3.42	81.11 1.43 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	61.12 0.30 0.00	53.14 -1.20 0.00	47.74 -1.32 0.00	44.47 -1.42 0.00	44.95 -1.58 0.00	47.10 -1.81 0.00	51.37 -2.08 0.00	54.43 -1.86 0.00	59.26 -1.09 0.00	64.42 0.13 0.00	72.98 1.15 0.00	83.71 2.20 0.00	97.16 2.55 0.00	108.93 0.86 0.00	122.35 -0.12 0.00	132.57 -0.40 0.00	174.98 -5.41 0.00	220.59 -9.43 0.00	203.90 -3.53 0.00	159.46 1.27 0.00	140.82 3.97 0.00	111.01 -1.23 0.00	93.52 -2.01 0.00	80.00 0.32 0.00
PACKARD__115KV_DUPONT_184 80571	61.12 0.30 0.00	53.14 -1.20 0.00	47.74 -1.32 0.00	44.47 -1.42 0.00	44.95 -1.58 0.00	47.10 -1.81 0.00	51.37 -2.08 0.00	54.43 -1.86 0.00	59.26 -1.09 0.00	64.42 0.13 0.00	72.98 1.15 0.00	83.71 2.20 0.00	97.16 2.55 0.00	108.93 0.86 0.00	122.35 -0.12 0.00	132.57 -0.40 0.00	174.98 -5.41 0.00	220.59 -9.43 0.00	203.90 -3.53 0.00	159.46 1.27 0.00	140.82 3.97 0.00	111.01 -1.23 0.00	93.52 -2.01 0.00	80.00 0.32 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	61.32 0.49 -0.02	55.01 0.65 -0.02	50.35 1.28 -0.01	47.28 1.38 -0.01	47.79 1.26 0.00	49.88 0.98 0.00	54.47 1.02 0.00	57.31 1.01 0.00	61.80 1.45 0.00	65.77 1.48 0.00	73.12 1.29 0.00	83.06 1.55 0.00	96.97 2.37 0.01	112.81 4.75 0.01	129.23 7.35 0.59	142.37 9.44 0.04	194.65 14.25 -0.01	255.47 16.10 -9.34	248.49 12.65 -28.41	200.83 9.02 -33.61	171.62 6.71 -28.06	130.91 4.49 -14.18	101.14 2.20 -3.43	79.91 0.24 0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	62.54 1.70 -0.02	56.15 1.79 -0.02	51.33 2.26 -0.01	48.20 2.29 -0.01	48.67 2.14 0.00	50.81 1.91 0.00	55.49 2.03 0.00	58.32 2.03 0.00	62.88 2.53 0.00	66.99 2.70 0.00	74.63 2.80 0.00	84.69 3.18 0.00	98.86 4.26 0.01	115.08 7.02 0.01	131.93 10.04 0.59	145.30 12.37 0.04	198.62 18.22 -0.01	260.76 21.39 -9.34	253.26 17.42 -28.41	204.63 12.81 -33.61	174.76 9.85 -28.06	133.38 6.96 -14.18	103.25 4.30 -3.43	81.58 1.91 0.01
PATROON__115KV_TB1 80586	62.34 1.52 0.00	55.81 1.47 0.00	50.44 1.37 0.00	47.18 1.29 0.00	47.84 1.30 0.00	50.27 1.37 0.00	54.90 1.44 0.00	57.64 1.35 0.00	61.62 1.27 0.00	65.32 1.03 0.00	72.69 0.86 0.00	82.41 0.90 0.00	96.12 1.51 0.00	111.42 3.35 0.00	127.62 5.14 0.00	139.48 6.52 0.00	189.59 9.20 0.00	304.25 10.81 -63.41	409.26 8.92 -192.92	392.79 6.33 -228.27	333.51 5.20 -191.46	212.69 4.04 -96.41	121.41 2.67 -23.21	81.11 1.43 0.00
PATTRSNVILLE___SOLAR 323815	62.82 2.00 0.00	56.19 1.85 0.00	50.68 1.62 0.00	47.41 1.51 0.00	48.12 1.58 0.00	50.57 1.66 0.00	55.16 1.71 0.00	57.75 1.46 0.00	61.26 0.91 0.00	64.61 0.32 0.00	71.76 -0.07 0.00	81.35 -0.16 0.00	94.80 0.19 0.00	109.47 1.40 0.00	125.05 2.58 0.00	136.82 3.86 0.00	186.34 5.94 0.00	340.03 8.52 -101.49	525.32 9.12 -308.78	531.47 7.91 -365.36	450.40 7.11 -306.45	271.94 5.39 -154.31	136.59 3.92 -37.15	82.23 2.55 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	63.19 2.37 0.00	54.94 0.60 0.00	49.31 0.25 0.00	45.94 0.05 0.00	46.44 -0.09 0.00	48.76 -0.15 0.00	53.35 -0.11 0.00	56.57 0.28 0.00	61.56 1.21 0.00	66.80 2.51 0.00	75.85 4.02 0.00	87.30 5.79 0.00	101.51 6.91 0.00	114.55 6.48 0.00	128.60 6.12 0.00	139.88 6.91 0.00	185.45 5.05 0.00	234.40 4.37 0.00	216.35 8.92 0.00	168.64 10.44 0.00	148.34 11.50 0.00	116.84 4.60 0.00	97.91 2.39 0.00	82.71 3.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	62.09 1.28 0.00	55.64 1.30 0.00	50.39 1.32 0.00	47.00 1.10 0.00	47.70 1.16 0.00	50.23 1.32 0.00	55.11 1.66 0.00	57.92 1.63 0.00	62.22 1.87 0.00	66.16 1.86 0.00	73.70 1.87 0.00	83.79 2.28 0.00	98.01 3.41 0.00	113.90 5.84 0.00	131.05 8.57 0.00	143.74 10.77 0.00	196.45 16.06 0.00	258.51 18.86 -9.63	251.86 15.14 -29.29	203.61 10.76 -34.65	174.26 8.35 -29.07	132.94 6.06 -14.64	102.58 3.53 -3.52	81.27 1.59 0.00
PEEKSKILL___ 23653	61.36 0.55 0.00	55.04 0.70 0.00	49.90 0.83 0.00	46.63 0.73 0.00	47.27 0.74 0.00	49.74 0.83 0.00	54.52 1.07 0.00	57.42 1.13 0.00	61.68 1.33 0.00	65.64 1.35 0.00	73.05 1.22 0.00	82.89 1.38 0.00	96.79 2.18 0.00	112.50 4.43 0.00	129.20 6.73 0.00	141.74 8.77 0.00	193.39 13.00 0.00	254.21 14.94 -9.24	247.14 11.61 -28.10	199.67 8.22 -33.25	171.04 6.30 -27.89	130.66 4.37 -14.04	101.00 2.10 -3.38	80.00 0.32 0.00
PGE MADISON___WINDPWR 24146	65.86 5.05 0.00	58.42 4.08 0.00	52.55 3.48 0.00	49.11 3.21 0.00	49.79 3.26 0.00	52.62 3.72 0.00	57.84 4.38 0.00	61.13 4.84 0.00	65.24 4.89 0.00	69.50 5.21 0.00	77.79 5.96 0.00	88.52 7.01 0.00	102.94 8.33 0.00	118.77 10.70 0.00	134.23 11.76 0.00	147.05 14.09 0.00	199.88 19.49 0.00	263.01 26.90 -6.08	254.75 28.82 -18.50	204.76 24.67 -21.89	176.42 21.21 -18.36	135.51 14.03 -9.24	107.77 10.03 -2.23	87.81 8.13 0.00

PIERCEFIELD___HYD 23852	72.54 2.43 -9.29	56.39 1.96 -0.09	50.68 1.62 0.00	47.46 1.56 0.00	47.93 1.40 0.00	50.42 1.52 0.00	55.17 1.71 0.00	57.92 1.63 0.00	61.98 1.63 0.00	65.90 1.61 0.00	73.70 1.87 0.00	82.90 1.39 0.00	93.38 -1.23 0.00	104.50 -3.57 0.00	116.47 -6.00 0.00	125.92 -7.05 0.00	171.01 -9.38 0.00	220.36 -9.66 0.00	199.13 -8.30 0.00	151.87 -6.33 0.00	131.51 -5.34 0.00	108.65 -3.59 0.00	95.52 0.00 0.00	92.73 2.55 -10.50
PINELAWN_CC_1 323563	62.52 1.70 0.00	55.43 1.09 0.00	49.99 0.93 0.00	46.45 0.55 0.00	47.04 0.51 0.00	49.64 0.73 0.00	54.69 1.23 0.00	56.74 0.45 0.00	61.31 0.96 0.00	65.07 0.77 0.00	59.47 -0.29 12.07	63.65 -0.32 17.53	85.67 -0.09 8.85	107.98 2.16 2.24	125.64 4.77 1.60	141.74 8.77 0.00	194.47 14.08 0.00	253.63 14.27 -9.34	246.82 10.99 -28.41	195.22 7.44 -29.58	166.53 4.51 -25.17	127.03 2.24 -12.54	79.52 -0.19 15.81	65.06 -1.43 13.18
PJM_GEN_HTTP_PROXY 323702	61.49 0.67 0.00	55.16 0.82 0.00	50.14 1.08 0.00	46.90 1.01 0.00	47.51 0.98 0.00	49.93 1.03 0.00	54.79 1.34 0.00	57.59 1.30 0.00	61.98 1.63 0.00	66.03 1.74 0.00	73.41 1.58 0.00	83.46 1.95 0.00	97.35 2.75 0.00	113.25 5.19 0.00	130.19 7.72 0.00	145.01 9.98 -2.07	193.12 14.80 2.07	256.38 17.02 -9.33	249.11 13.29 -28.40	201.29 9.49 -33.60	169.44 7.11 -25.48	134.06 4.93 -16.89	101.52 2.58 -3.42	80.16 0.48 0.00
PJM_GEN_KEystone 24065	60.55 0.37 0.63	53.98 -0.11 0.25	49.01 -0.05 0.00	45.76 -0.14 0.00	46.30 -0.23 0.00	48.71 -0.19 0.00	53.12 -0.11 0.23	55.88 0.00 0.41	60.16 0.43 0.62	64.29 0.83 0.84	71.78 1.22 1.27	81.30 1.71 1.92	93.96 2.27 2.92	108.00 3.24 3.31	124.05 3.92 2.34	137.15 5.18 1.00	180.86 5.94 5.48	237.86 5.51 -2.33	227.89 6.02 -14.44	180.83 6.01 -16.62	151.21 5.48 -8.88	121.27 2.47 -6.56	95.18 0.76 1.10	77.99 0.24 1.93
PJM_GEN_NEPTUNE_PROXY 323594	61.85 1.03 0.00	54.94 0.60 0.00	49.61 0.54 0.00	46.17 0.28 0.00	46.77 0.23 0.00	49.29 0.39 0.00	54.26 0.80 0.00	56.41 0.11 0.00	60.89 0.54 0.00	64.61 0.32 0.00	57.16 0.00 14.67	60.29 0.08 21.30	84.52 0.67 10.75	108.26 2.92 2.73	125.64 5.52 2.35	144.08 9.05 -2.07	192.57 14.25 2.07	254.10 14.73 -9.34	247.02 11.19 -28.41	193.48 7.59 -27.69	162.82 4.92 -21.05	129.52 2.81 -14.47	76.05 0.48 19.95	61.60 -1.19 16.89
PJM_GEN_VFT_PROXY 323633	52.01 0.18 8.99	51.21 0.43 3.56	49.84 0.78 0.01	46.62 0.73 0.01	47.22 0.70 0.01	49.63 0.73 0.01	51.21 1.01 3.26	51.34 0.90 5.85	52.75 1.21 8.81	53.52 1.22 11.99	54.64 1.01 18.19	55.34 1.30 27.47	54.95 1.99 41.65	65.22 4.43 47.28	97.59 6.85 31.74	100.24 8.91 41.64	143.09 13.54 50.84	203.42 15.41 42.02	196.59 11.82 22.66	133.08 8.38 33.50	78.97 6.16 64.04	59.77 4.03 56.51	54.04 1.81 43.29	52.01 -0.16 27.51
PLATSBURG_115KV_PMLD1 355749	61.30 0.49 0.00	54.67 0.33 0.00	49.31 0.25 0.00	46.45 0.55 0.00	47.14 0.60 0.00	49.30 0.39 0.00	54.10 0.64 0.00	56.97 0.68 0.00	61.07 0.72 0.00	65.13 0.84 0.00	72.91 1.08 0.00	82.49 0.98 0.00	94.42 -0.19 0.00	106.34 -1.73 0.00	119.29 -3.18 0.00	128.98 -3.99 0.00	174.98 -5.41 0.00	224.96 -5.06 0.00	202.45 -4.98 0.00	153.93 -4.27 0.00	133.56 -3.28 0.00	110.22 -2.02 0.00	95.33 -0.19 0.00	81.65 1.20 -0.77
PLEASANTVLY___LBMP 24000	61.24 0.43 0.00	54.94 0.60 0.00	49.85 0.79 0.00	46.58 0.69 0.00	47.23 0.70 0.00	49.64 0.73 0.00	54.36 0.91 0.00	57.19 0.90 0.00	61.38 1.03 0.00	65.26 0.96 0.00	72.62 0.79 0.00	82.33 0.82 0.00	96.22 1.61 0.00	111.74 3.67 0.00	128.35 5.88 0.00	140.54 7.58 0.00	191.58 11.18 0.00	252.29 12.42 -9.84	247.12 9.75 -29.95	200.60 6.96 -35.44	171.63 5.06 -29.72	130.91 3.70 -14.97	100.84 1.72 -3.60	79.76 0.08 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	61.61 0.79 0.00	55.21 0.87 0.00	50.09 1.03 0.00	46.86 0.96 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.59 1.29 0.00	61.92 1.57 0.00	65.96 1.67 0.00	73.41 1.58 0.00	83.30 1.79 0.00	97.35 2.74 0.00	113.15 5.08 0.00	130.07 7.59 0.00	142.54 9.57 0.00	194.65 14.25 0.00	255.75 16.33 -9.39	248.86 12.86 -28.58	201.35 9.33 -33.81	172.32 7.12 -28.36	131.46 4.94 -14.28	101.44 2.48 -3.44	80.32 0.64 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	61.61 0.79 0.00	55.21 0.87 0.00	50.09 1.03 0.00	46.86 0.96 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.74 1.28 0.00	57.59 1.29 0.00	61.92 1.57 0.00	65.96 1.67 0.00	73.41 1.58 0.00	83.30 1.79 0.00	97.35 2.74 0.00	113.15 5.08 0.00	130.07 7.59 0.00	142.54 9.57 0.00	194.65 14.25 0.00	255.75 16.33 -9.39	248.86 12.86 -28.58	201.35 9.33 -33.81	172.32 7.12 -28.36	131.46 4.94 -14.28	101.44 2.48 -3.44	80.32 0.64 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	61.73 0.91 0.00	55.37 1.03 0.00	50.14 1.08 0.00	46.86 0.96 0.00	47.46 0.93 0.00	49.98 1.08 0.00	54.74 1.28 0.00	57.59 1.29 0.00	61.92 1.57 0.00	65.71 1.41 0.00	73.12 1.29 0.00	82.98 1.47 0.00	97.07 2.46 0.00	112.61 4.54 0.00	129.58 7.10 0.00	141.61 8.64 0.00	193.38 12.99 0.00	255.68 15.18 -10.47	251.32 12.03 -31.87	204.45 8.54 -37.70	175.04 6.57 -31.62	133.10 4.94 -15.92	102.22 2.87 -3.83	80.64 0.96 0.00
POLETTI_____ 23519	61.36 0.55 0.00	55.05 0.71 0.00	50.05 0.98 0.00	46.86 0.96 0.00	47.42 0.88 0.00	49.83 0.93 0.00	54.67 1.23 0.02	57.46 1.18 0.02	61.90 1.57 0.02	65.88 1.61 0.02	73.25 1.44 0.02	83.21 1.71 0.02	97.24 2.65 0.02	113.02 4.97 0.02	130.05 7.59 0.02	142.66 9.71 0.02	195.01 14.61 0.00	256.15 16.79 -9.33	248.89 13.07 -28.40	201.29 9.49 -33.60	172.01 6.98 -28.18	131.13 4.71 -14.18	101.33 2.39 -3.42	79.98 0.32 0.02
POMONA___ESR 323819	61.36 0.55 0.00	54.99 0.65 0.00	49.85 0.78 0.00	46.59 0.69 0.00	47.18 0.65 0.00	49.64 0.73 0.00	54.47 1.01 0.00	57.42 1.13 0.00	61.68 1.33 0.00	65.64 1.35 0.00	73.12 1.29 0.00	82.81 1.30 0.00	96.79 2.18 0.00	112.39 4.33 0.00	129.08 6.61 0.00	141.60 8.64 0.00	193.02 12.62 0.00	253.54 14.50 -9.02	246.05 11.19 -27.43	198.57 7.91 -32.46	170.09 6.01 -27.22	130.21 4.26 -13.71	100.92 2.10 -3.30	79.92 0.24 0.00
PORT_JEFF_3 23555	62.27 1.46 0.00	55.16 0.82 0.00	49.70 0.64 0.00	46.13 0.23 0.00	46.77 0.23 0.00	49.34 0.44 0.00	54.42 0.96 0.00	55.78 -0.51 0.00	60.41 0.06 0.00	64.10 -0.19 0.00	57.49 -0.72 13.62	61.17 -0.57 19.78	84.44 -0.19 9.98	107.81 2.27 2.53	125.23 4.65 1.90	141.21 8.25 0.00	193.93 13.54 0.00	251.32 11.95 -9.34	244.74 8.91 -28.41	193.20 6.16 -28.84	164.74 3.28 -24.61	126.05 1.57 -12.24	76.68 -0.57 18.27	62.54 -1.75 15.39
PORT_JEFF_4 23616	62.27 1.46 0.00	55.16 0.82 0.00	49.70 0.64 0.00	46.13 0.23 0.00	46.77 0.23 0.00	49.34 0.44 0.00	54.42 0.96 0.00	55.78 -0.51 0.00	60.41 0.06 0.00	64.10 -0.19 0.00	57.49 -0.72 13.62	61.17 -0.57 19.78	84.44 -0.19 9.98	107.81 2.27 2.53	125.23 4.65 1.90	141.21 8.25 0.00	193.93 13.54 0.00	251.32 11.95 -9.34	244.74 8.91 -28.41	193.20 6.16 -28.84	164.74 3.28 -24.61	126.05 1.57 -12.24	76.68 -0.57 18.27	62.54 -1.75 15.39

PORT_JEFF_IC 23713	62.40 1.58 0.00	55.26 0.92 0.00	49.80 0.74 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.39 0.49 0.00	54.52 1.07 0.00	55.84 -0.45 0.00	60.47 0.12 0.00	64.55 0.26 0.00	57.61 -0.65 13.57	61.40 -0.41 19.70	84.48 -0.19 9.94	107.92 2.38 2.52	125.61 5.02 1.89	141.74 8.78 0.00	195.73 15.33 0.00	252.01 12.65 -9.34	245.37 9.54 -28.41	194.97 7.91 -28.87	165.17 3.69 -24.63	126.29 1.80 -12.25	76.66 -0.67 18.19	63.01 -1.35 15.31
PPL PILGRIM_ST_GT1 24216	62.94 2.13 0.00	55.75 1.41 0.00	50.24 1.18 0.00	46.63 0.73 0.00	47.27 0.74 0.00	49.88 0.98 0.00	55.01 1.55 0.00	56.86 0.56 0.00	61.56 1.21 0.00	65.32 1.03 0.00	58.97 0.51 13.36	62.75 0.65 19.41	86.14 1.32 9.79	109.26 3.68 2.48	126.29 5.64 1.82	142.67 9.70 0.00	195.91 15.52 0.00	254.78 15.41 -9.34	247.86 12.03 -28.41	195.60 8.38 -29.02	166.93 5.33 -24.75	127.47 2.91 -12.31	78.89 1.24 17.87	64.11 -0.55 15.02
PPL PILGRIM_ST_GT2 24217	62.94 2.13 0.00	55.75 1.41 0.00	50.24 1.18 0.00	46.63 0.73 0.00	47.27 0.74 0.00	49.88 0.98 0.00	55.01 1.55 0.00	56.86 0.56 0.00	61.56 1.21 0.00	65.32 1.03 0.00	58.97 0.51 13.36	62.75 0.65 19.41	86.14 1.32 9.79	109.26 3.68 2.48	126.29 5.64 1.82	142.67 9.70 0.00	195.91 15.52 0.00	254.78 15.41 -9.34	247.86 12.03 -28.41	195.60 8.38 -29.02	166.93 5.33 -24.75	127.47 2.91 -12.31	78.89 1.24 17.87	64.11 -0.55 15.02
PPL_SHRM_GT3 24213	62.27 1.46 0.00	55.04 0.70 0.00	49.61 0.54 0.00	45.99 0.09 0.00	46.63 0.09 0.00	49.20 0.30 0.00	54.31 0.85 0.00	55.96 -0.34 0.00	60.59 0.24 0.00	64.29 0.00 0.00	57.95 -0.29 13.60	61.77 0.00 19.74	85.22 0.57 9.96	108.78 3.24 2.53	126.82 6.24 1.89	143.61 10.64 0.00	196.98 16.59 0.00	254.78 15.41 -9.34	248.49 12.65 -28.41	196.22 9.17 -28.85	167.48 6.01 -24.62	127.74 3.26 -12.24	77.67 0.38 18.24	63.21 -1.12 15.35
PPL_SHRM_GT4 24214	62.27 1.46 0.00	55.04 0.70 0.00	49.61 0.54 0.00	45.99 0.09 0.00	46.63 0.09 0.00	49.20 0.30 0.00	54.31 0.85 0.00	55.96 -0.34 0.00	60.59 0.24 0.00	64.29 0.00 0.00	57.95 -0.29 13.60	61.77 0.00 19.74	85.22 0.57 9.96	108.78 3.24 2.53	126.82 6.24 1.89	143.61 10.64 0.00	196.98 16.59 0.00	254.78 15.41 -9.34	248.49 12.65 -28.41	196.22 9.17 -28.85	167.48 6.01 -24.62	127.74 3.26 -12.24	77.67 0.38 18.24	63.21 -1.12 15.35
PROJECT___ORANGE 1 24174	60.51 -0.30 0.00	53.80 -0.54 0.00	48.48 -0.59 0.00	45.25 -0.64 0.00	45.88 -0.65 0.00	48.32 -0.59 0.00	52.87 -0.59 0.00	55.79 -0.51 0.00	59.99 -0.36 0.00	64.10 -0.19 0.00	71.90 0.07 0.00	81.67 0.16 0.00	94.99 0.38 0.00	108.82 0.76 0.00	123.45 0.98 0.00	134.30 1.33 0.00	181.66 1.26 0.00	231.64 1.61 0.00	210.33 2.90 0.00	161.21 3.01 0.00	139.86 3.01 0.00	113.14 0.90 0.00	95.43 -0.10 0.00	79.52 -0.16 0.00
PROJECT___ORANGE 2 24166	60.51 -0.30 0.00	53.80 -0.54 0.00	48.48 -0.59 0.00	45.25 -0.64 0.00	45.88 -0.65 0.00	48.32 -0.59 0.00	52.87 -0.59 0.00	55.79 -0.51 0.00	59.99 -0.36 0.00	64.10 -0.19 0.00	71.90 0.07 0.00	81.67 0.16 0.00	94.99 0.38 0.00	108.82 0.76 0.00	123.45 0.98 0.00	134.30 1.33 0.00	181.66 1.26 0.00	231.64 1.61 0.00	210.33 2.90 0.00	161.21 3.01 0.00	139.86 3.01 0.00	113.14 0.90 0.00	95.43 -0.10 0.00	79.52 -0.16 0.00
PUCKETT___SOLAR 323809	62.64 1.82 0.00	55.64 1.30 0.00	50.10 1.03 0.00	46.81 0.92 0.00	47.46 0.93 0.00	49.93 1.03 0.00	54.69 1.23 0.00	57.64 1.35 0.00	61.80 1.45 0.00	65.83 1.54 0.00	73.69 1.86 0.00	83.79 2.28 0.00	97.44 2.84 0.00	111.85 3.78 0.00	126.64 4.17 0.00	138.29 5.32 0.00	187.25 6.85 0.00	244.14 8.96 -5.15	234.09 10.99 -15.68	187.19 10.44 -18.55	161.84 9.44 -15.56	125.68 5.61 -7.83	100.94 3.54 -1.89	82.54 2.86 0.00
PYRITES___HYD 24023	74.32 3.65 -9.85	57.42 2.99 -0.10	51.62 2.55 0.00	48.33 2.43 0.00	48.81 2.28 0.00	51.40 2.49 0.00	56.23 2.78 0.00	58.94 2.65 0.00	62.76 2.41 0.00	66.67 2.38 0.00	74.49 2.66 0.00	83.87 2.36 0.00	94.80 0.19 0.00	106.01 -2.05 0.00	118.19 -4.29 0.00	127.78 -5.19 0.00	173.90 -6.49 0.00	224.96 -5.06 0.00	203.90 -3.53 0.00	156.46 -1.74 0.00	135.75 -1.09 0.00	112.02 -0.22 0.00	98.10 2.58 0.00	95.41 4.62 -11.11
QUAKERRD_115KV_BK1 80622	60.76 -0.06 0.00	53.47 -0.87 0.00	48.18 -0.88 0.00	44.79 -1.10 0.00	45.32 -1.21 0.00	47.73 -1.17 0.00	52.17 -1.28 0.00	55.28 -1.01 0.00	59.81 -0.54 0.00	64.36 0.06 0.00	72.62 0.79 0.00	82.90 1.39 0.00	96.60 1.99 0.00	109.58 1.51 0.00	123.94 1.47 0.00	134.30 1.33 0.00	180.39 0.00 0.00	230.26 0.23 0.00	210.75 3.32 0.00	162.47 4.27 0.00	141.64 4.79 0.00	113.14 0.90 0.00	95.04 -0.48 0.00	79.68 0.00 0.00
QUENSBRY_115KV_TB8 356137	63.98 3.16 0.00	56.95 2.61 0.00	51.32 2.26 0.00	47.87 1.97 0.00	48.67 2.14 0.00	51.20 2.30 0.00	55.91 2.46 0.00	58.83 2.53 0.00	62.46 2.11 0.00	65.77 1.48 0.00	72.55 0.72 0.00	82.41 0.90 0.00	96.12 1.51 0.00	111.42 3.35 0.00	127.86 5.39 0.00	140.68 7.71 0.00	192.12 11.73 0.00	341.04 15.18 -95.84	513.11 14.10 -291.58	515.23 12.02 -345.01	436.62 10.40 -289.37	265.92 7.97 -145.71	136.72 6.11 -35.08	83.98 4.30 0.00
RAMAPO___LBMP 323565	61.18 0.36 0.00	54.83 0.49 0.00	49.70 0.64 0.00	46.49 0.60 0.00	47.09 0.56 0.00	49.54 0.64 0.00	54.31 0.86 0.00	57.25 0.96 0.00	61.50 1.15 0.00	65.45 1.16 0.00	72.84 1.01 0.00	82.57 1.06 0.00	96.41 1.80 0.00	111.96 3.89 0.00	128.60 6.12 0.00	140.81 7.84 0.00	192.12 11.73 0.00	252.08 13.11 -8.94	244.79 10.16 -27.20	197.66 7.28 -32.18	169.18 5.34 -26.99	129.65 3.82 -13.59	100.51 1.72 -3.27	79.68 0.00 0.00
RANKINE____ 23646	63.25 2.43 0.00	54.99 0.65 0.00	49.36 0.29 0.00	45.94 0.05 0.00	46.49 -0.05 0.00	48.76 -0.15 0.00	53.29 -0.16 0.00	56.52 0.23 0.00	61.50 1.15 0.00	66.73 2.44 0.00	75.78 3.95 0.00	87.13 5.62 0.00	101.23 6.62 0.00	114.01 5.94 0.00	128.11 5.63 0.00	139.08 6.12 0.00	184.18 3.79 0.00	232.79 2.76 0.00	215.10 7.67 0.00	167.85 9.65 0.00	147.79 10.95 0.00	116.39 4.15 0.00	97.72 2.20 0.00	82.71 3.03 0.00
RAVENSWOOD_GT2_1 24244	61.49 0.67 0.00	55.15 0.82 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.51 0.98 0.00	49.98 1.08 0.00	54.79 1.34 0.00	57.59 1.29 0.00	61.98 1.63 0.00	66.03 1.74 0.00	73.41 1.58 0.00	83.38 1.87 0.00	97.45 2.84 0.00	113.25 5.19 0.00	130.31 7.84 0.00	142.94 9.97 0.00	195.37 14.97 0.00	256.38 17.02 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.61	172.29 7.25 -28.19	131.37 4.94 -14.19	101.52 2.58 -3.42	80.16 0.48 0.00
RAVENSWOOD_GT2_2 24245	61.49 0.67 0.00	55.15 0.82 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.51 0.98 0.00	49.98 1.08 0.00	54.79 1.34 0.00	57.59 1.29 0.00	61.98 1.63 0.00	66.03 1.74 0.00	73.41 1.58 0.00	83.38 1.87 0.00	97.45 2.84 0.00	113.25 5.19 0.00	130.31 7.84 0.00	142.94 9.97 0.00	195.37 14.97 0.00	256.38 17.02 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.61	172.29 7.25 -28.19	131.37 4.94 -14.19	101.52 2.58 -3.42	80.16 0.48 0.00

RAVENSWOOD_GT2_3 24246	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.56 1.02 0.00	49.98 1.08 0.00	54.84 1.39 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	130.43 7.96 0.00	143.07 10.11 0.00	195.55 15.15 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.77 9.97 -33.61	172.42 7.39 -28.19	131.48 5.05 -14.19	101.61 2.67 -3.42	80.24 0.56 0.00
RAVENSWOOD_GT2_4 24247	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.56 1.02 0.00	49.98 1.08 0.00	54.84 1.39 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	130.43 7.96 0.00	143.07 10.11 0.00	195.55 15.15 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.77 9.97 -33.61	172.42 7.39 -28.19	131.48 5.05 -14.19	101.61 2.67 -3.42	80.24 0.56 0.00
RAVENSWOOD_GT3_1 24248	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.56 1.02 0.00	49.98 1.08 0.00	54.79 1.34 0.00	57.59 1.29 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.25 5.19 0.00	130.31 7.84 0.00	142.94 9.97 0.00	195.37 14.97 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.61	172.29 7.25 -28.19	131.37 4.94 -14.19	101.52 2.58 -3.42	80.16 0.48 0.00
RAVENSWOOD_GT3_2 24249	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.56 1.02 0.00	49.98 1.08 0.00	54.79 1.34 0.00	57.59 1.29 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.25 5.19 0.00	130.31 7.84 0.00	142.94 9.97 0.00	195.37 14.97 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.61	172.29 7.25 -28.19	131.37 4.94 -14.19	101.52 2.58 -3.42	80.16 0.48 0.00
RAVENSWOOD_GT3_3 24250	61.61 0.79 0.00	55.26 0.92 0.00	50.24 1.18 0.00	47.04 1.15 0.00	47.60 1.07 0.00	50.03 1.12 0.00	54.90 1.44 0.00	57.70 1.41 0.00	62.16 1.81 0.00	66.16 1.86 0.00	73.63 1.80 0.00	83.63 2.12 0.00	97.64 3.03 0.00	113.58 5.51 0.00	130.68 8.21 0.00	143.20 10.24 0.00	195.73 15.33 0.00	257.07 17.71 -9.33	249.72 13.90 -28.40	201.93 10.12 -33.61	172.56 7.53 -28.19	131.71 5.28 -14.19	101.71 2.77 -3.42	80.32 0.64 0.00
RAVENSWOOD_GT3_4 24251	61.61 0.79 0.00	55.26 0.92 0.00	50.24 1.18 0.00	47.04 1.15 0.00	47.60 1.07 0.00	50.03 1.12 0.00	54.90 1.44 0.00	57.70 1.41 0.00	62.16 1.81 0.00	66.16 1.86 0.00	73.63 1.80 0.00	83.63 2.12 0.00	97.64 3.03 0.00	113.58 5.51 0.00	130.68 8.21 0.00	143.20 10.24 0.00	195.73 15.33 0.00	257.07 17.71 -9.33	249.72 13.90 -28.40	201.93 10.12 -33.61	172.56 7.53 -28.19	131.71 5.28 -14.19	101.71 2.77 -3.42	80.32 0.64 0.00
RAVENSWOOD_GT_1 23729	61.18 0.36 0.00	54.88 0.54 0.00	50.14 1.08 0.00	47.14 1.24 0.00	47.65 1.12 0.00	49.88 0.98 0.00	54.52 1.07 0.00	57.31 1.01 0.00	61.68 1.33 0.00	65.64 1.35 0.00	73.05 1.22 0.00	82.98 1.47 0.00	65.46 2.27 31.42	73.42 4.65 39.29	107.62 7.23 22.08	124.10 9.31 18.17	176.95 14.07 17.52	235.48 15.87 10.41	211.53 12.24 8.14	144.13 8.86 22.93	88.71 6.57 54.70	65.47 4.38 51.15	61.85 2.10 35.77	60.53 0.08 19.23
RAVENSWOOD_GT_10 24258	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.51 0.98 0.00	49.98 1.08 0.00	54.84 1.39 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	129.71 7.84 0.60	142.91 9.97 0.03	195.37 14.97 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.61	172.15 7.25 -28.05	131.48 5.05 -14.19	101.52 2.58 -3.42	80.24 0.56 0.00
RAVENSWOOD_GT_11 24259	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.51 0.98 0.00	49.98 1.08 0.00	54.84 1.39 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	129.71 7.84 0.60	142.91 9.97 0.03	195.37 14.97 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.61	172.15 7.25 -28.05	131.48 5.05 -14.19	101.52 2.58 -3.42	80.24 0.56 0.00
RAVENSWOOD_GT_4 24252	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.56 1.02 0.00	49.98 1.08 0.00	54.79 1.34 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	130.31 7.84 0.00	142.94 9.97 0.00	195.37 14.97 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.61	172.29 7.25 -28.19	131.48 5.05 -14.19	101.52 2.58 -3.42	80.16 0.48 0.00
RAVENSWOOD_GT_5 24254	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.56 1.02 0.00	49.98 1.08 0.00	54.79 1.34 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	130.31 7.84 0.00	142.94 9.97 0.00	195.37 14.97 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.61	172.29 7.25 -28.19	131.48 5.05 -14.19	101.52 2.58 -3.42	80.16 0.48 0.00
RAVENSWOOD_GT_6 24253	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.56 1.02 0.00	49.98 1.08 0.00	54.79 1.34 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	130.31 7.84 0.00	142.94 9.97 0.00	195.37 14.97 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.61	172.29 7.25 -28.19	131.48 5.05 -14.19	101.52 2.58 -3.42	80.16 0.48 0.00
RAVENSWOOD_GT_7 24255	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.56 1.02 0.00	49.98 1.08 0.00	54.79 1.34 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	130.31 7.84 0.00	142.94 9.97 0.00	195.37 14.97 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.61	172.29 7.25 -28.19	131.48 5.05 -14.19	101.52 2.58 -3.42	80.16 0.48 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.51 0.98 0.00	49.98 1.08 0.00	54.84 1.39 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	129.71 7.84 0.60	142.91 9.97 0.03	195.37 14.97 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.61	172.15 7.25 -28.05	131.48 5.05 -14.19	101.52 2.58 -3.42	80.24 0.56 0.00
RAVENSWOOD_GT_9 24257	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.51 0.98 0.00	49.98 1.08 0.00	54.84 1.39 0.00	57.64 1.35 0.00	62.04 1.69 0.00	66.03 1.74 0.00	73.48 1.65 0.00	83.47 1.96 0.00	97.45 2.84 0.00	113.36 5.30 0.00	129.71 7.84 0.60	142.91 9.97 0.03	195.37 14.97 0.00	256.61 17.25 -9.33	249.31 13.48 -28.40	201.61 9.81 -33.61	172.15 7.25 -28.05	131.48 5.05 -14.19	101.52 2.58 -3.42	80.24 0.56 0.00

RAVENSWOOD___1 23533	61.18 0.37 0.01	54.87 0.54 0.01	50.14 1.08 0.00	47.14 1.24 0.00	47.65 1.11 0.00	49.88 0.98 0.00	54.52 1.07 0.01	57.30 1.01 0.01	61.67 1.33 0.01	65.64 1.35 0.01	72.97 1.15 0.01	82.97 1.47 0.01	65.46 2.27 31.42	73.42 4.64 39.29	107.49 7.10 22.08	124.10 9.30 18.17	176.77 13.89 17.52	235.47 15.86 10.41	211.53 12.24 8.14	143.97 8.70 22.93	88.71 6.57 54.70	65.46 4.37 51.15	61.89 2.10 35.73	60.53 0.08 19.23
RAVENSWOOD___2 23534	60.87 0.06 0.01	54.76 0.43 0.01	50.05 0.98 0.00	47.04 1.15 0.00	47.55 1.02 0.00	49.79 0.88 0.00	54.41 0.96 0.01	57.18 0.90 0.01	61.25 0.91 0.01	65.18 0.90 0.01	72.33 0.51 0.01	82.23 0.73 0.01	64.70 1.51 31.42	72.45 3.68 39.29	106.39 6.00 22.08	122.91 8.11 18.17	175.15 12.27 17.52	233.41 13.80 10.41	209.66 10.37 8.14	142.87 7.59 22.93	87.62 5.48 54.70	64.68 3.59 51.15	61.23 1.43 35.73	60.13 -0.32 19.23
RAVENSWOOD___3 23535	61.55 0.73 0.00	55.21 0.87 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.55 1.02 0.00	49.98 1.07 0.00	54.79 1.34 0.00	57.64 1.35 0.00	61.98 1.63 0.00	66.03 1.74 0.00	73.41 1.58 0.00	83.46 1.95 0.00	97.35 2.75 0.00	113.25 5.19 0.00	130.19 7.72 0.00	142.94 9.98 0.00	195.19 14.80 0.00	256.62 17.26 -9.33	249.11 13.29 -28.40	201.46 9.65 -33.61	172.28 7.25 -28.19	131.37 4.93 -14.19	101.52 2.58 -3.42	80.16 0.48 0.00
RAVENSWOOD___4 23820	61.18 0.37 0.01	54.87 0.54 0.01	50.14 1.08 0.00	47.14 1.24 0.00	47.65 1.11 0.00	49.88 0.98 0.00	54.52 1.07 0.01	57.30 1.01 0.01	61.67 1.33 0.01	65.64 1.35 0.01	72.97 1.15 0.01	82.97 1.47 0.01	65.46 2.27 31.42	73.42 4.64 39.29	107.49 7.10 22.08	124.10 9.30 18.17	176.77 13.89 17.52	235.47 15.86 10.41	211.53 12.24 8.14	143.97 8.70 22.93	88.71 6.57 54.70	65.46 4.37 51.15	61.85 2.10 35.77	60.53 0.08 19.23
RCPL_TRUST___DRP 24196	61.55 0.73 0.00	55.26 0.92 0.00	50.24 1.18 0.00	47.00 1.10 0.00	47.56 1.02 0.00	50.03 1.12 0.00	54.90 1.44 0.00	57.76 1.46 0.00	62.16 1.81 0.00	66.22 1.93 0.00	73.70 1.87 0.00	83.71 2.20 0.00	97.64 3.03 0.00	113.58 5.51 0.00	130.36 8.21 0.31	143.32 10.37 0.02	195.91 15.51 0.00	257.07 17.71 -9.33	249.72 13.90 -28.40	201.93 10.12 -33.60	172.49 7.53 -28.11	131.59 5.16 -14.19	101.61 2.67 -3.42	80.24 0.56 0.00
RED___ROCHESTER 323720	62.94 2.13 0.00	55.16 0.82 0.00	49.70 0.64 0.00	46.17 0.28 0.00	46.67 0.14 0.00	49.15 0.25 0.00	53.67 0.21 0.00	56.97 0.68 0.00	61.80 1.45 0.00	66.73 2.44 0.00	75.49 3.66 0.00	86.07 4.56 0.00	100.57 5.96 0.00	114.01 5.94 0.00	128.23 5.76 0.00	139.22 6.25 0.00	186.88 6.48 0.00	238.07 8.05 0.00	218.41 10.99 0.00	168.96 10.76 0.00	147.12 10.27 0.00	116.95 4.71 0.00	98.10 2.58 0.00	82.39 2.71 0.00
REGAN___SOLAR 323812	65.62 4.80 0.00	58.42 4.08 0.00	52.64 3.58 0.00	49.11 3.21 0.00	49.98 3.44 0.00	52.62 3.72 0.00	57.35 3.90 0.00	59.61 3.32 0.00	62.40 2.05 0.00	65.00 0.71 0.00	71.69 -0.14 0.00	80.94 -0.57 0.00	94.14 -0.47 0.00	109.04 0.97 0.00	124.92 2.45 0.00	137.75 4.78 0.00	189.05 8.66 0.00	339.63 14.73 -94.87	513.50 17.43 -288.64	515.55 15.82 -341.53	437.67 14.37 -286.46	267.37 10.88 -144.25	138.85 8.60 -34.73	86.06 6.38 0.00
RENSSELAER___COGEN 23796	61.73 0.91 0.00	55.32 0.98 0.00	50.05 0.98 0.00	46.81 0.92 0.00	47.46 0.93 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.14 0.85 0.00	61.08 0.73 0.00	64.74 0.45 0.00	72.05 0.22 0.00	81.59 0.08 0.00	95.08 0.48 0.00	110.23 2.16 0.00	126.14 3.67 0.00	137.75 4.78 0.00	187.25 6.85 0.00	289.11 7.83 -51.26	369.59 6.22 -155.95	346.99 4.27 -184.52	295.17 3.55 -154.77	192.86 2.69 -77.93	115.91 1.62 -18.76	80.16 0.48 0.00
REPUBLIC_115KV_BARTNBRK 55605	67.81 6.99 0.00	60.05 5.71 0.00	53.97 4.91 0.00	50.21 4.31 0.00	51.19 4.65 0.00	53.89 4.99 0.00	58.75 5.29 0.00	61.64 5.35 0.00	65.18 4.83 0.00	68.21 3.92 0.00	75.35 3.52 0.00	85.67 4.16 0.00	100.00 5.39 0.00	116.17 8.10 0.00	133.62 11.15 0.00	147.46 14.49 0.00	201.50 21.11 0.00	353.67 28.29 -95.35	524.69 27.17 -290.09	523.59 22.15 -343.24	444.45 19.71 -287.89	272.36 15.15 -144.97	142.75 12.32 -34.90	89.08 9.40 0.00
REVERE_CPPR_DRP 24186	64.20 2.55 -0.82	56.41 2.06 -0.01	50.78 1.72 0.00	47.46 1.56 0.00	48.02 1.49 0.00	50.67 1.76 0.00	55.54 2.08 0.00	58.71 2.42 0.00	62.94 2.60 0.00	67.12 2.83 0.00	75.06 3.23 0.00	84.53 3.02 0.00	98.20 3.60 0.00	113.15 5.08 0.00	127.98 5.51 0.00	139.48 6.52 0.00	188.51 8.12 0.00	241.53 11.50 0.00	220.08 12.65 0.00	169.12 10.92 0.00	145.88 9.03 0.00	118.19 5.95 0.00	100.01 4.49 0.00	84.91 4.30 -0.93
REYNLDPA_13_KV_LD 356490	61.05 1.46 1.23	55.47 1.14 0.01	50.05 0.98 0.00	46.81 0.92 0.00	47.51 0.98 0.00	49.88 0.98 0.00	54.63 1.18 0.00	57.42 1.13 0.00	61.50 1.15 0.00	65.51 1.22 0.00	73.27 1.44 0.00	82.98 1.47 0.00	95.18 0.57 0.00	106.99 -1.08 0.00	120.02 -2.45 0.00	129.77 -3.19 0.00	175.88 -4.51 0.00	225.65 -4.37 0.00	203.07 -4.36 0.00	154.24 -3.95 0.00	133.84 -3.01 0.00	110.78 -1.46 0.00	96.00 0.48 0.00	80.06 1.75 1.37
REYNOLDS_115KV_TB3 80639	61.79 0.97 0.00	55.43 1.09 0.00	50.09 1.03 0.00	46.91 1.01 0.00	47.56 1.02 0.00	49.93 1.03 0.00	54.52 1.07 0.00	57.25 0.96 0.00	61.26 0.91 0.00	64.93 0.64 0.00	72.26 0.43 0.00	81.92 0.41 0.00	95.46 0.85 0.00	110.88 2.81 0.00	127.00 4.53 0.00	138.68 5.72 0.00	188.69 8.30 0.00	296.15 9.20 -56.93	388.09 7.47 -173.20	368.35 5.22 -204.93	312.84 4.11 -171.88	202.05 3.25 -86.55	118.27 1.91 -20.84	80.40 0.72 0.00
RIVERBAY____ 323610	62.54 1.70 -0.02	56.15 1.79 -0.02	51.33 2.26 -0.01	48.20 2.29 -0.01	48.67 2.14 0.00	50.81 1.91 0.00	55.49 2.03 0.00	58.32 2.03 0.00	62.88 2.53 0.00	66.99 2.70 0.00	74.63 2.80 0.00	84.69 3.18 0.00	98.86 4.26 0.01	115.08 7.02 0.01	131.93 10.04 0.59	145.30 12.37 0.04	198.62 18.22 -0.01	260.76 21.39 -9.34	253.26 17.42 -28.41	204.63 12.81 -33.61	174.76 9.85 -28.06	133.38 6.96 -14.18	103.25 4.30 -3.43	81.58 1.91 0.01
RIVERSDE_115KV_TB3 55908	61.97 1.16 0.00	55.54 1.20 0.00	50.19 1.13 0.00	46.95 1.06 0.00	47.65 1.12 0.00	50.03 1.12 0.00	54.63 1.18 0.00	57.36 1.07 0.00	61.38 1.03 0.00	65.06 0.77 0.00	72.40 0.57 0.00	82.08 0.57 0.00	95.65 1.04 0.00	110.98 2.92 0.00	127.13 4.65 0.00	138.82 5.85 0.00	188.87 8.48 0.00	297.39 9.66 -57.71	390.88 7.88 -175.57	371.47 5.54 -207.74	315.60 4.52 -174.24	203.46 3.48 -87.74	118.84 2.20 -21.12	80.64 0.96 0.00
ROARING___BROOK_WT_PWR 323790	60.09 -0.73 0.00	53.63 -0.71 0.00	48.48 -0.59 0.00	45.39 -0.50 0.00	46.07 -0.47 0.00	48.51 -0.39 0.00	53.14 -0.32 0.00	56.01 -0.28 0.00	60.17 -0.18 0.00	64.29 0.00 0.00	71.90 0.07 0.00	81.27 -0.24 0.00	94.14 -0.47 0.00	107.20 -0.87 0.00	121.13 -1.34 0.00	131.38 -1.59 0.00	178.24 -2.16 0.00	227.50 -2.53 0.00	205.35 -2.07 0.00	156.46 -1.74 0.00	135.21 -1.64 0.00	111.01 -1.23 0.00	94.75 -0.77 0.00	79.44 -0.24 0.00

ROCHESRG_115KV_T4 355643	62.03 1.22 0.00	54.39 0.05 0.00	49.02 -0.05 0.00	45.57 -0.32 0.00	46.11 -0.42 0.00	48.51 -0.39 0.00	52.97 -0.48 0.00	56.18 -0.11 0.00	60.83 0.48 0.00	65.64 1.35 0.00	74.13 2.30 0.00	84.61 3.10 0.00	98.58 3.97 0.00	111.52 3.46 0.00	126.02 3.55 0.00	136.42 3.46 0.00	182.74 2.35 0.00	232.79 2.76 0.00	213.65 6.22 0.00	165.16 6.96 0.00	144.37 7.53 0.00	115.05 2.81 0.00	96.57 1.05 0.00	81.19 1.51 0.00
ROCHESTER_9_IC 23652	62.52 1.70 0.00	54.83 0.49 0.00	49.36 0.29 0.00	45.90 0.00 0.00	46.39 -0.14 0.00	48.86 -0.05 0.00	53.35 -0.11 0.00	56.63 0.34 0.00	61.32 0.97 0.00	66.16 1.86 0.00	74.77 2.95 0.00	85.34 3.83 0.00	99.53 4.92 0.00	112.71 4.65 0.00	127.25 4.78 0.00	137.89 4.92 0.00	184.72 4.33 0.00	235.55 5.52 0.00	216.14 8.71 0.00	167.06 8.86 0.00	145.88 9.03 0.00	116.06 3.82 0.00	97.34 1.81 0.00	81.83 2.15 0.00
ROCKVIEW_13_KV_LD 356306	61.85 1.03 0.00	55.43 1.09 0.00	50.29 1.23 0.00	47.00 1.10 0.00	47.60 1.07 0.00	50.08 1.17 0.00	54.95 1.50 0.00	57.81 1.52 0.00	62.22 1.87 0.00	66.28 1.99 0.00	73.84 2.01 0.00	83.79 2.28 0.00	97.92 3.31 0.00	113.90 5.84 0.00	130.92 8.45 0.00	143.60 10.64 0.00	196.27 15.87 0.00	257.76 18.40 -9.33	250.35 14.52 -28.40	202.40 10.60 -33.60	173.24 8.21 -28.19	132.16 5.72 -14.19	101.90 2.96 -3.42	80.64 0.96 0.00
ROME____115KV_TB2 80656	64.20 2.55 -0.82	56.41 2.06 -0.01	50.78 1.72 0.00	47.46 1.56 0.00	48.02 1.49 0.00	50.67 1.76 0.00	55.54 2.08 0.00	58.71 2.42 0.00	62.94 2.60 0.00	67.12 2.83 0.00	75.06 3.23 0.00	84.53 3.02 0.00	98.20 3.60 0.00	113.15 5.08 0.00	127.98 5.51 0.00	139.48 6.52 0.00	188.51 8.12 0.00	241.53 11.50 0.00	220.08 12.65 0.00	169.12 10.92 0.00	145.88 9.03 0.00	118.19 5.95 0.00	100.01 4.49 0.00	84.91 4.30 -0.93
ROSETON___1 23587	61.18 0.37 0.00	54.88 0.54 0.00	49.75 0.69 0.00	46.54 0.64 0.00	47.14 0.60 0.00	49.59 0.68 0.00	54.31 0.85 0.00	57.14 0.85 0.00	61.31 0.96 0.00	65.19 0.90 0.00	72.55 0.72 0.00	82.16 0.65 0.00	95.93 1.32 0.00	111.42 3.35 0.00	127.86 5.38 0.00	140.01 7.04 0.00	190.49 10.10 0.00	250.36 11.27 -9.07	243.53 8.51 -27.59	196.86 6.01 -32.65	168.74 4.51 -27.38	129.39 3.36 -13.79	100.37 1.52 -3.32	79.60 -0.08 0.00
ROSETON___2 23588	61.18 0.37 0.00	54.88 0.54 0.00	49.75 0.69 0.00	46.54 0.64 0.00	47.14 0.60 0.00	49.59 0.68 0.00	54.31 0.85 0.00	57.14 0.85 0.00	61.31 0.96 0.00	65.19 0.90 0.00	72.55 0.72 0.00	82.16 0.65 0.00	95.93 1.32 0.00	111.42 3.35 0.00	127.86 5.38 0.00	140.01 7.04 0.00	190.49 10.10 0.00	250.36 11.27 -9.07	243.53 8.51 -27.59	196.86 6.01 -32.65	168.74 4.51 -27.38	129.39 3.36 -13.79	100.37 1.52 -3.32	79.60 -0.08 0.00
ROTTRDAM_115KV_TB3 80664	61.91 1.09 0.00	55.43 1.09 0.00	50.09 1.03 0.00	46.86 0.96 0.00	47.51 0.98 0.00	49.93 1.03 0.00	54.47 1.02 0.00	57.25 0.96 0.00	61.13 0.78 0.00	64.81 0.51 0.00	72.12 0.29 0.00	81.84 0.33 0.00	95.27 0.66 0.00	110.01 1.95 0.00	125.66 3.18 0.00	137.09 4.12 0.00	186.53 6.13 0.00	341.64 7.59 -104.03	530.77 6.85 -316.50	538.07 5.38 -374.50	455.61 4.65 -314.11	274.00 3.59 -158.17	135.99 2.39 -38.08	80.95 1.27 0.00
RUSSELL___1 23602	62.95 2.13 0.00	55.15 0.82 0.00	49.70 0.64 0.00	46.17 0.28 0.00	46.67 0.14 0.00	49.15 0.24 0.00	53.67 0.21 0.00	56.97 0.68 0.00	61.80 1.45 0.00	66.67 2.38 0.00	75.35 3.52 0.00	85.99 4.48 0.00	100.47 5.87 0.00	113.69 5.62 0.00	128.35 5.88 0.00	138.95 5.98 0.00	186.53 6.13 0.00	238.08 8.05 0.00	218.42 10.99 0.00	168.64 10.44 0.00	147.11 10.26 0.00	117.07 4.83 0.00	98.10 2.58 0.00	82.39 2.71 0.00
RUSSELL___2 23532	62.95 2.13 0.00	55.15 0.82 0.00	49.70 0.64 0.00	46.17 0.28 0.00	46.67 0.14 0.00	49.15 0.24 0.00	53.67 0.21 0.00	56.97 0.68 0.00	61.80 1.45 0.00	66.67 2.38 0.00	75.35 3.52 0.00	85.99 4.48 0.00	100.47 5.87 0.00	113.69 5.62 0.00	128.35 5.88 0.00	138.95 5.98 0.00	186.53 6.13 0.00	238.08 8.05 0.00	218.42 10.99 0.00	168.64 10.44 0.00	147.11 10.26 0.00	117.07 4.83 0.00	98.10 2.58 0.00	82.39 2.71 0.00
RUSSELL___3 23549	62.95 2.13 0.00	55.15 0.82 0.00	49.70 0.64 0.00	46.17 0.28 0.00	46.67 0.14 0.00	49.15 0.24 0.00	53.67 0.21 0.00	56.97 0.68 0.00	61.80 1.45 0.00	66.67 2.38 0.00	75.35 3.52 0.00	85.99 4.48 0.00	100.47 5.87 0.00	113.69 5.62 0.00	128.35 5.88 0.00	138.95 5.98 0.00	186.53 6.13 0.00	238.08 8.05 0.00	218.42 10.99 0.00	168.64 10.44 0.00	147.11 10.26 0.00	117.07 4.83 0.00	98.10 2.58 0.00	82.39 2.71 0.00
RUSSELL___4 23556	62.95 2.13 0.00	55.15 0.82 0.00	49.70 0.64 0.00	46.17 0.28 0.00	46.67 0.14 0.00	49.15 0.24 0.00	53.67 0.21 0.00	56.97 0.68 0.00	61.80 1.45 0.00	66.67 2.38 0.00	75.35 3.52 0.00	85.99 4.48 0.00	100.47 5.87 0.00	113.69 5.62 0.00	128.35 5.88 0.00	138.95 5.98 0.00	186.53 6.13 0.00	238.08 8.05 0.00	218.42 10.99 0.00	168.64 10.44 0.00	147.11 10.26 0.00	117.07 4.83 0.00	98.10 2.58 0.00	82.39 2.71 0.00
RUSSELL___STATION 23914	62.95 2.13 0.00	55.15 0.82 0.00	49.70 0.64 0.00	46.17 0.28 0.00	46.67 0.14 0.00	49.15 0.24 0.00	53.67 0.21 0.00	56.97 0.68 0.00	61.80 1.45 0.00	66.67 2.38 0.00	75.35 3.52 0.00	85.99 4.48 0.00	100.47 5.87 0.00	113.69 5.62 0.00	128.35 5.88 0.00	138.95 5.98 0.00	186.53 6.13 0.00	238.08 8.05 0.00	218.42 10.99 0.00	168.64 10.44 0.00	147.11 10.26 0.00	117.07 4.83 0.00	98.10 2.58 0.00	82.39 2.71 0.00
S SALMON___HYD 24043	62.18 0.61 -0.75	54.62 0.27 -0.01	49.16 0.10 0.00	45.94 0.05 0.00	46.53 0.00 0.00	49.05 0.15 0.00	53.67 0.21 0.00	56.58 0.28 0.00	60.65 0.30 0.00	64.68 0.39 0.00	72.40 0.57 0.00	82.08 0.57 0.00	95.28 0.67 0.00	109.15 1.08 0.00	122.72 0.25 0.00	133.77 0.80 0.00	180.76 0.36 0.00	231.65 1.62 0.00	211.57 4.15 0.00	162.94 4.74 0.00	141.22 4.38 0.00	114.15 1.91 0.00	97.33 1.81 0.00	82.04 1.51 -0.85
S.PERRY__115KV_TB1 80734	63.01 2.19 0.00	55.10 0.76 0.00	49.60 0.54 0.00	46.08 0.18 0.00	46.58 0.05 0.00	49.25 0.34 0.00	53.83 0.37 0.00	56.74 0.45 0.00	60.77 0.42 0.00	65.13 0.84 0.00	73.19 1.36 0.00	83.71 2.20 0.00	94.51 -0.09 0.00	107.20 -0.86 0.00	120.76 -1.71 0.00	131.64 -1.33 0.00	175.34 -5.05 0.00	225.65 -4.37 0.00	210.54 3.11 0.00	165.32 7.12 0.00	144.92 8.07 0.00	115.38 3.14 0.00	96.19 0.67 0.00	83.03 3.35 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	62.70 1.89 0.00	54.45 0.11 0.00	48.92 -0.15 0.00	45.57 -0.32 0.00	46.07 -0.47 0.00	48.32 -0.59 0.00	52.71 -0.75 0.00	55.90 -0.39 0.00	60.83 0.48 0.00	66.09 1.80 0.00	74.92 3.09 0.00	86.07 4.56 0.00	100.00 5.39 0.00	112.50 4.43 0.00	126.39 3.92 0.00	137.09 4.12 0.00	181.30 0.90 0.00	228.88 -1.15 0.00	211.57 4.15 0.00	165.32 7.12 0.00	145.74 8.90 0.00	114.82 2.58 0.00	96.48 0.96 0.00	81.83 2.15 0.00

SAWYER___23_KV_LOAD 55526	62.70 1.89 0.00	54.45 0.11 0.00	48.92 -0.15 0.00	45.57 -0.32 0.00	46.07 -0.47 0.00	48.32 -0.59 0.00	52.71 -0.75 0.00	55.90 -0.39 0.00	60.83 0.48 0.00	66.09 1.80 0.00	74.92 3.09 0.00	86.07 4.56 0.00	100.00 5.39 0.00	112.50 4.43 0.00	126.39 3.92 0.00	137.09 4.12 0.00	181.30 0.90 0.00	228.88 -1.15 0.00	211.57 4.15 0.00	165.32 7.12 0.00	145.74 8.90 0.00	114.82 2.58 0.00	96.48 0.96 0.00	81.83 2.15 0.00
SELKIRK___I 23801	60.64 -0.18 0.00	54.45 0.11 0.00	49.21 0.15 0.00	46.03 0.14 0.00	46.72 0.19 0.00	49.00 0.10 0.00	53.40 -0.05 0.00	56.01 -0.28 0.00	59.75 -0.60 0.00	63.26 -1.03 0.00	70.39 -1.44 0.00	79.79 -1.72 0.00	93.00 -1.61 0.00	107.64 -0.43 0.00	122.96 0.49 0.00	134.16 1.19 0.00	182.38 1.99 0.00	249.18 1.83 -17.32	287.32 1.46 -78.43	266.25 0.79 -107.25	235.17 0.55 -97.77	170.37 0.45 -57.68	109.31 -0.10 -13.89	78.96 -0.72 0.00
SELKIRK___II 23799	60.94 0.12 0.00	54.72 0.38 0.00	49.46 0.39 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.29 0.39 0.00	53.83 0.38 0.00	56.52 0.23 0.00	60.41 0.06 0.00	64.10 -0.19 0.00	71.33 -0.50 0.00	80.85 -0.65 0.00	94.23 -0.38 0.00	109.04 0.97 0.00	124.68 2.21 0.00	136.03 3.06 0.00	184.72 4.32 0.00	200.73 4.60 33.89	200.73 3.31 10.00	200.73 2.05 -40.48	200.73 1.65 -62.24	175.40 1.24 -61.92	110.91 0.48 -14.91	79.36 -0.32 0.00
SENECA OSWGO___HYD 24041	60.09 -0.73 0.00	53.47 -0.87 0.00	48.18 -0.88 0.00	45.02 -0.87 0.00	45.65 -0.89 0.00	48.03 -0.88 0.00	52.55 -0.91 0.00	55.39 -0.90 0.00	59.50 -0.84 0.00	63.59 -0.71 0.00	71.18 -0.65 0.00	80.94 -0.57 0.00	94.04 -0.56 0.00	107.74 -0.32 0.00	122.11 -0.37 0.00	132.97 0.00 0.00	179.85 -0.54 0.00	229.57 -0.46 0.00	208.47 1.04 0.00	159.94 1.74 0.00	138.49 1.65 0.00	112.24 0.00 0.00	94.86 -0.66 0.00	78.96 -0.72 0.00
SENECA___115KV_TB3 355854	63.37 2.55 0.00	55.10 0.76 0.00	49.46 0.39 0.00	46.03 0.14 0.00	46.58 0.05 0.00	48.86 -0.05 0.00	53.40 -0.05 0.00	56.63 0.34 0.00	61.62 1.27 0.00	66.93 2.64 0.00	75.92 4.09 0.00	87.30 5.79 0.00	101.51 6.91 0.00	114.33 6.27 0.00	128.47 6.00 0.00	139.48 6.52 0.00	184.72 4.33 0.00	233.25 3.22 0.00	215.72 8.30 0.00	168.32 10.12 0.00	148.20 11.36 0.00	116.73 4.49 0.00	97.91 2.39 0.00	82.87 3.19 0.00
SENECA___ENERGY 23797	61.61 0.79 0.00	54.45 0.11 0.00	49.11 0.05 0.00	45.76 -0.14 0.00	46.39 -0.14 0.00	48.91 0.00 0.00	53.51 0.05 0.00	56.52 0.23 0.00	60.83 0.48 0.00	65.19 0.90 0.00	73.41 1.58 0.00	83.55 2.04 0.00	96.88 2.27 0.00	110.66 2.59 0.00	125.05 2.58 0.00	136.29 3.33 0.00	183.81 3.42 0.00	234.62 4.60 0.00	214.48 7.06 0.00	165.48 7.28 0.00	143.82 6.98 0.00	115.15 2.91 0.00	96.86 1.34 0.00	81.19 1.51 0.00
SHOEMAKER___GT 23640	61.30 0.48 0.00	54.99 0.65 0.00	49.80 0.74 0.00	46.49 0.60 0.00	47.14 0.60 0.00	49.59 0.68 0.00	54.31 0.85 0.00	57.14 0.85 0.00	61.26 0.91 0.00	65.13 0.83 0.00	72.55 0.72 0.00	82.24 0.73 0.00	96.03 1.42 0.00	111.20 3.14 0.00	127.38 4.90 0.00	139.48 6.51 0.00	189.95 9.55 0.00	249.77 11.27 -8.48	242.14 8.91 -25.80	195.06 6.33 -30.53	167.37 4.92 -25.61	128.83 3.70 -12.89	100.44 1.81 -3.10	80.00 0.32 0.00
SHOEMAKR_138KV_BK 111 55601	61.24 0.43 0.00	54.94 0.60 0.00	49.75 0.69 0.00	46.49 0.60 0.00	47.09 0.56 0.00	49.54 0.64 0.00	54.26 0.80 0.00	57.08 0.79 0.00	61.26 0.91 0.00	65.13 0.84 0.00	72.55 0.72 0.00	82.24 0.73 0.00	96.03 1.42 0.00	111.20 3.13 0.00	127.49 5.02 0.00	139.48 6.52 0.00	190.14 9.74 0.00	249.72 11.27 -8.42	241.96 8.92 -25.61	194.99 6.49 -30.31	167.19 4.93 -25.42	128.63 3.59 -12.80	100.32 1.72 -3.08	79.92 0.24 0.00
SHOREHAM_IC_1 23715	62.27 1.46 0.00	55.04 0.70 0.00	49.61 0.54 0.00	45.99 0.09 0.00	46.63 0.09 0.00	49.20 0.30 0.00	54.31 0.85 0.00	55.96 -0.34 0.00	60.59 0.24 0.00	64.29 0.00 0.00	57.95 -0.29 13.60	61.77 0.00 19.74	85.22 0.57 9.96	108.78 3.24 2.53	126.82 6.24 1.89	143.61 10.64 0.00	196.98 16.59 0.00	254.78 15.41 -9.34	248.49 12.65 -28.41	196.22 9.17 -28.85	167.48 6.01 -24.62	127.74 3.26 -12.24	77.67 0.38 18.24	63.21 -1.12 15.35
SHOREHAM_IC_2 23716	62.28 1.46 0.00	55.05 0.71 0.00	49.60 0.54 0.00	46.03 0.14 0.00	46.63 0.09 0.00	49.20 0.29 0.00	54.31 0.86 0.00	55.95 -0.34 0.00	60.65 0.30 0.00	64.68 0.39 0.00	57.95 -0.29 13.60	61.77 0.00 19.74	85.21 0.57 9.96	108.78 3.24 2.53	126.95 6.37 1.89	143.60 10.64 0.00	198.43 18.04 0.00	254.77 15.41 -9.34	248.69 12.86 -28.41	197.81 10.76 -28.85	167.49 6.02 -24.62	127.85 3.37 -12.24	77.48 0.19 18.24	63.21 -1.12 15.35
SISSONVILLE____ 23735	72.54 2.43 -9.29	56.39 1.96 -0.09	50.68 1.62 0.00	47.46 1.56 0.00	47.93 1.40 0.00	50.42 1.52 0.00	55.17 1.71 0.00	57.92 1.63 0.00	61.98 1.63 0.00	65.90 1.61 0.00	73.70 1.87 0.00	82.90 1.39 0.00	93.38 -1.23 0.00	104.50 -3.57 0.00	116.47 -6.00 0.00	125.92 -7.05 0.00	171.01 -9.38 0.00	220.36 -9.66 0.00	199.13 -8.30 0.00	151.87 -6.33 0.00	131.51 -5.34 0.00	108.65 -3.59 0.00	95.52 0.00 0.00	92.73 2.55 -10.50
SITHE_IND_GS1 24169	59.18 -1.64 0.00	52.71 -1.63 0.00	47.54 -1.52 0.00	44.43 -1.47 0.00	45.00 -1.53 0.00	47.34 -1.57 0.00	51.80 -1.66 0.00	54.61 -1.69 0.00	58.66 -1.69 0.00	62.62 -1.67 0.00	70.11 -1.72 0.00	79.64 -1.87 0.00	92.53 -2.08 0.00	105.91 -2.16 0.00	119.89 -2.58 0.00	130.44 -2.53 0.00	176.42 -3.97 0.00	225.18 -4.84 0.00	204.10 -3.33 0.00	156.31 -1.89 0.00	135.34 -1.50 0.00	110.00 -2.24 0.00	93.14 -2.38 0.00	77.61 -2.07 0.00
SITHE_IND_GS2 24170	59.18 -1.64 0.00	52.71 -1.63 0.00	47.54 -1.52 0.00	44.43 -1.47 0.00	45.00 -1.53 0.00	47.34 -1.57 0.00	51.80 -1.66 0.00	54.61 -1.69 0.00	58.66 -1.69 0.00	62.62 -1.67 0.00	70.11 -1.72 0.00	79.64 -1.87 0.00	92.53 -2.08 0.00	105.91 -2.16 0.00	119.89 -2.58 0.00	130.44 -2.53 0.00	176.42 -3.97 0.00	225.18 -4.84 0.00	204.10 -3.33 0.00	156.31 -1.89 0.00	135.34 -1.50 0.00	110.00 -2.24 0.00	93.14 -2.38 0.00	77.61 -2.07 0.00
SITHE_IND_GS3 24171	59.18 -1.64 0.00	52.71 -1.63 0.00	47.54 -1.52 0.00	44.43 -1.47 0.00	45.00 -1.53 0.00	47.34 -1.57 0.00	51.80 -1.66 0.00	54.61 -1.69 0.00	58.66 -1.69 0.00	62.62 -1.67 0.00	70.11 -1.72 0.00	79.64 -1.87 0.00	92.53 -2.08 0.00	105.91 -2.16 0.00	119.89 -2.58 0.00	130.44 -2.53 0.00	176.42 -3.97 0.00	225.18 -4.84 0.00	204.10 -3.33 0.00	156.31 -1.89 0.00	135.34 -1.50 0.00	110.00 -2.24 0.00	93.14 -2.38 0.00	77.61 -2.07 0.00
SITHE_IND_GS4 24172	59.18 -1.64 0.00	52.71 -1.63 0.00	47.54 -1.52 0.00	44.43 -1.47 0.00	45.00 -1.53 0.00	47.34 -1.57 0.00	51.80 -1.66 0.00	54.61 -1.69 0.00	58.66 -1.69 0.00	62.62 -1.67 0.00	70.11 -1.72 0.00	79.64 -1.87 0.00	92.53 -2.08 0.00	105.91 -2.16 0.00	119.89 -2.58 0.00	130.44 -2.53 0.00	176.42 -3.97 0.00	225.18 -4.84 0.00	204.10 -3.33 0.00	156.31 -1.89 0.00	135.34 -1.50 0.00	110.00 -2.24 0.00	93.14 -2.38 0.00	77.61 -2.07 0.00

SITHE___BATAVIA 24024	64.10 3.28 0.00	55.86 1.52 0.00	50.24 1.18 0.00	46.68 0.78 0.00	46.90 0.37 0.00	49.59 0.68 0.00	54.04 0.59 0.00	57.31 1.01 0.00	62.22 1.87 0.00	67.31 3.02 0.00	76.28 4.46 0.00	85.91 4.40 0.00	100.38 5.77 0.00	113.25 5.19 0.00	126.88 4.40 0.00	138.02 5.05 0.00	184.00 3.61 0.00	233.69 3.67 0.00	216.54 9.12 0.00	169.11 10.91 0.00	148.20 11.35 0.00	116.61 4.37 0.00	97.43 1.91 0.00	83.90 4.22 0.00
SITHE___INDEPEND 23800	59.18 -1.64 0.00	52.71 -1.63 0.00	47.54 -1.52 0.00	44.43 -1.47 0.00	45.00 -1.54 0.00	47.34 -1.56 0.00	51.80 -1.66 0.00	54.60 -1.69 0.00	58.60 -1.75 0.00	62.62 -1.67 0.00	70.11 -1.72 0.00	79.64 -1.87 0.00	92.53 -2.08 0.00	105.80 -2.27 0.00	120.02 -2.45 0.00	130.44 -2.53 0.00	176.43 -3.97 0.00	225.19 -4.83 0.00	203.90 -3.53 0.00	156.14 -2.06 0.00	135.34 -1.51 0.00	110.00 -2.24 0.00	93.13 -2.39 0.00	77.61 -2.07 0.00
SITHE___MASSENA 23902	76.09 1.76 -13.51	55.94 1.47 -0.13	50.29 1.23 0.00	47.09 1.19 0.00	47.70 1.16 0.00	50.13 1.22 0.00	54.84 1.39 0.00	57.70 1.41 0.00	61.74 1.39 0.00	65.77 1.48 0.00	73.48 1.65 0.00	83.14 1.63 0.00	95.18 0.57 0.00	106.55 -1.51 0.00	119.29 -3.18 0.00	128.71 -4.26 0.00	174.80 -5.59 0.00	224.50 -5.52 0.00	202.03 -5.39 0.00	153.77 -4.43 0.00	133.29 -3.56 0.00	110.44 -1.80 0.00	96.19 0.67 0.00	97.03 2.23 -15.12
SITHE___OGDNSBRG 24021	75.09 3.34 -10.93	57.22 2.77 -0.11	51.42 2.36 0.00	48.14 2.25 0.00	48.67 2.14 0.00	51.20 2.30 0.00	56.02 2.57 0.00	58.71 2.42 0.00	62.52 2.17 0.00	66.41 2.12 0.00	74.20 2.37 0.00	83.63 2.12 0.00	94.99 0.38 0.00	106.12 -1.95 0.00	118.31 -4.16 0.00	128.05 -4.92 0.00	174.26 -6.13 0.00	225.19 -4.83 0.00	203.90 -3.53 0.00	156.30 -1.90 0.00	135.75 -1.09 0.00	112.13 -0.11 0.00	98.10 2.58 0.00	96.35 4.38 -12.29
SITHE___STERLING 23777	63.25 1.89 -0.54	55.81 1.47 -0.01	50.29 1.23 0.00	47.00 1.10 0.00	47.60 1.07 0.00	50.13 1.22 0.00	54.95 1.49 0.00	57.98 1.69 0.00	62.16 1.81 0.00	66.29 2.00 0.00	74.13 2.30 0.00	83.30 1.79 0.00	96.88 2.27 0.00	111.52 3.46 0.00	126.27 3.80 0.00	137.62 4.65 0.00	186.34 5.94 0.00	238.29 8.27 0.00	216.77 9.34 0.00	166.42 8.22 0.00	143.82 6.98 0.00	116.61 4.37 0.00	98.58 3.06 0.00	83.48 3.19 -0.61
SLEIGHT__34_KV_TB1 80719	61.79 0.97 0.00	54.39 0.05 0.00	48.97 -0.10 0.00	45.57 -0.32 0.00	46.16 -0.37 0.00	48.66 -0.24 0.00	53.24 -0.21 0.00	56.35 0.06 0.00	60.89 0.54 0.00	65.45 1.16 0.00	73.77 1.94 0.00	84.20 2.69 0.00	98.11 3.50 0.00	111.52 3.46 0.00	126.27 3.80 0.00	136.95 3.99 0.00	184.18 3.79 0.00	235.55 5.52 0.00	215.52 8.09 0.00	166.11 7.91 0.00	144.65 7.80 0.00	115.61 3.37 0.00	96.95 1.43 0.00	81.19 1.51 0.00
SMITHTWN_69_KV_BK 1 55830	62.64 1.82 0.00	55.43 1.09 0.00	49.95 0.88 0.00	46.40 0.50 0.00	47.00 0.47 0.00	49.59 0.68 0.00	54.68 1.23 0.00	56.29 0.00 0.00	61.01 0.66 0.00	65.13 0.84 0.00	58.23 -0.07 13.53	62.19 0.33 19.64	85.64 0.95 9.91	109.23 3.67 2.51	127.33 6.74 1.88	143.74 10.77 0.00	198.43 18.04 0.00	255.92 16.56 -9.34	248.90 13.07 -28.41	197.36 10.28 -28.88	167.37 5.88 -24.64	127.86 3.37 -12.26	77.78 0.38 18.13	63.54 -0.88 15.26
SOUTH CAIRO___GT 23612	63.74 2.92 0.00	56.95 2.61 0.00	51.42 2.36 0.00	47.92 2.02 0.00	48.67 2.14 0.00	51.20 2.30 0.00	56.02 2.57 0.00	58.49 2.20 0.00	61.98 1.63 0.00	65.19 0.90 0.00	72.26 0.43 0.00	81.84 0.33 0.00	95.65 1.04 0.00	110.66 2.59 0.00	127.25 4.78 0.00	139.35 6.38 0.00	189.96 9.56 0.00	252.69 12.88 -9.78	279.25 9.33 -62.49	257.18 6.64 -92.34	230.12 5.88 -87.39	172.83 5.84 -54.75	112.81 4.11 -13.18	82.71 3.03 0.00
SOUTH HAMPTN___IC 23720	63.13 2.31 0.00	55.81 1.47 0.00	50.24 1.18 0.00	46.59 0.69 0.00	47.23 0.70 0.00	49.83 0.93 0.00	55.01 1.55 0.00	56.74 0.45 0.00	61.62 1.27 0.00	65.45 1.16 0.00	59.43 1.22 13.62	63.62 1.88 19.77	87.38 2.75 9.98	111.37 5.83 2.53	129.88 9.30 1.89	147.20 14.23 0.00	201.13 20.74 0.00	260.07 20.71 -9.34	253.04 17.21 -28.41	199.39 12.35 -28.84	170.23 8.77 -24.61	129.76 5.28 -12.24	79.06 1.81 18.27	64.54 0.24 15.38
SOUTHDOW_115KV_TB1 355954	64.53 3.71 0.00	55.97 1.63 0.00	50.14 1.08 0.00	46.68 0.78 0.00	47.28 0.74 0.00	49.79 0.88 0.00	54.74 1.28 0.00	58.60 2.31 0.00	63.61 3.26 0.00	69.24 4.95 0.00	78.73 6.90 0.00	90.64 9.13 0.00	105.58 10.97 0.00	119.09 11.02 0.00	133.50 11.02 0.00	145.07 12.10 0.00	192.30 11.91 0.00	242.91 12.88 0.00	224.64 17.22 0.00	175.28 17.09 0.00	154.09 17.24 0.00	121.22 8.98 0.00	101.44 5.92 0.00	85.34 5.66 0.00
SOUTHOLD_69_KV_BK 2 55809	63.98 3.16 0.00	56.46 2.12 0.00	50.78 1.72 0.00	47.09 1.19 0.00	47.74 1.21 0.00	50.42 1.52 0.00	55.65 2.19 0.00	57.53 1.24 0.00	62.64 2.29 0.00	66.93 2.64 0.00	60.94 2.73 13.62	65.41 3.67 19.77	89.55 4.92 9.98	113.75 8.21 2.53	132.83 12.25 1.89	150.78 17.82 0.00	207.99 27.60 0.00	260.98 21.62 -9.34	253.67 17.84 -28.41	205.08 18.03 -28.84	172.82 11.36 -24.61	131.66 7.18 -12.24	80.12 2.87 18.27	65.74 1.43 15.38
SOUTHOLD___IC 23719	63.98 3.16 0.00	56.46 2.12 0.00	50.78 1.72 0.00	47.09 1.19 0.00	47.74 1.21 0.00	50.42 1.52 0.00	55.65 2.19 0.00	57.53 1.24 0.00	62.58 2.23 0.00	66.54 2.25 0.00	60.94 2.73 13.62	65.41 3.67 19.77	89.45 4.82 9.98	113.75 8.21 2.53	132.71 12.13 1.89	150.79 17.82 0.00	201.67 21.28 0.00	260.98 21.62 -9.34	253.45 17.62 -28.41	199.23 12.18 -28.84	172.81 11.35 -24.61	131.67 7.19 -12.24	80.22 2.96 18.27	65.74 1.44 15.38
SOUTH_FORK_WT_PWR 323839	63.80 2.98 0.00	56.35 2.01 0.00	50.63 1.57 0.00	46.95 1.06 0.00	47.65 1.11 0.00	50.32 1.42 0.00	55.49 2.03 0.00	57.42 1.13 0.00	62.52 2.17 0.00	66.48 2.19 0.00	60.87 2.66 13.62	65.24 3.50 19.77	89.26 4.63 9.98	113.42 7.88 2.53	132.34 11.76 1.89	150.38 17.41 0.00	202.94 22.55 0.00	262.36 23.00 -9.34	254.70 18.87 -28.41	200.02 12.98 -28.84	171.73 10.27 -24.61	130.76 6.28 -12.24	79.45 2.20 18.27	65.33 1.03 15.38
SPIERFLS_115KV_TB 1 80737	63.49 2.68 0.00	56.57 2.23 0.00	50.98 1.91 0.00	47.55 1.65 0.00	48.35 1.81 0.00	50.86 1.96 0.00	55.54 2.08 0.00	58.38 2.08 0.00	62.04 1.69 0.00	65.38 1.09 0.00	72.05 0.22 0.00	81.84 0.33 0.00	95.37 0.76 0.00	110.66 2.59 0.00	126.88 4.41 0.00	139.48 6.52 0.00	190.32 9.92 0.00	339.38 13.11 -96.24	512.27 12.03 -292.81	515.11 10.44 -346.47	436.47 9.03 -290.60	265.53 6.96 -146.33	136.01 5.25 -35.23	83.27 3.59 0.00
ST LAWRENCE____ 23600	60.42 0.48 0.88	54.71 0.38 0.01	49.36 0.30 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.25 0.34 0.00	53.88 0.43 0.00	56.69 0.40 0.00	60.71 0.36 0.00	64.68 0.39 0.00	72.26 0.43 0.00	81.84 0.33 0.00	94.33 -0.28 0.00	106.12 -1.94 0.00	119.42 -3.06 0.00	128.98 -3.99 0.00	174.99 -5.41 0.00	224.04 -5.98 0.00	201.62 -5.81 0.00	153.29 -4.91 0.00	132.74 -4.10 0.00	110.10 -2.14 0.00	95.14 -0.38 0.00	79.39 0.72 1.00

STATE_CA_115KV_115_LB 55624	62.34 1.52 0.00	55.81 1.47 0.00	50.44 1.37 0.00	47.18 1.29 0.00	47.88 1.35 0.00	50.27 1.37 0.00	54.90 1.44 0.00	57.64 1.35 0.00	61.62 1.27 0.00	65.32 1.03 0.00	72.69 0.86 0.00	82.49 0.98 0.00	96.12 1.51 0.00	111.42 3.35 0.00	127.62 5.14 0.00	139.48 6.52 0.00	189.59 9.20 0.00	305.15 10.81 -64.31	412.01 8.92 -195.67	396.05 6.33 -231.52	336.23 5.20 -194.19	214.06 4.04 -97.78	121.74 2.67 -23.54	81.11 1.43 0.00
STATE_ST_34_KV_LOAD 55959	61.61 0.79 0.00	54.61 0.27 0.00	49.21 0.15 0.00	45.90 0.00 0.00	46.53 0.00 0.00	49.00 0.10 0.00	53.67 0.21 0.00	56.63 0.34 0.00	60.83 0.48 0.00	65.06 0.77 0.00	73.05 1.22 0.00	83.14 1.63 0.00	96.50 1.89 0.00	110.44 2.38 0.00	125.17 2.69 0.00	136.29 3.32 0.00	184.36 3.97 0.00	235.55 5.52 0.00	214.89 7.47 0.00	165.32 7.12 0.00	143.55 6.71 0.00	115.50 3.25 0.00	97.34 1.81 0.00	81.11 1.43 0.00
STATION_5_MISC_HYD 23604	62.52 1.70 0.00	54.83 0.49 0.00	49.36 0.30 0.00	45.90 0.00 0.00	46.39 -0.14 0.00	48.86 -0.05 0.00	53.35 -0.11 0.00	56.63 0.34 0.00	61.37 1.02 0.00	66.22 1.93 0.00	74.85 3.02 0.00	85.42 3.91 0.00	99.71 5.11 0.00	112.93 4.87 0.00	127.13 4.65 0.00	138.02 5.05 0.00	185.08 4.68 0.00	235.54 5.51 0.00	216.14 8.71 0.00	167.37 9.17 0.00	145.88 9.03 0.00	116.06 3.82 0.00	97.33 1.81 0.00	81.83 2.15 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	62.03 1.22 0.00	54.61 0.27 0.00	49.21 0.15 0.00	45.80 -0.09 0.00	46.39 -0.14 0.00	48.91 0.00 0.00	53.40 -0.05 0.00	56.57 0.28 0.00	61.07 0.72 0.00	65.71 1.41 0.00	74.06 2.23 0.00	84.53 3.02 0.00	98.30 3.69 0.00	111.63 3.57 0.00	126.27 3.80 0.00	137.09 4.12 0.00	184.54 4.15 0.00	235.78 5.75 0.00	215.72 8.30 0.00	166.43 8.23 0.00	145.06 8.21 0.00	115.83 3.59 0.00	97.15 1.62 0.00	81.51 1.83 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	62.03 1.22 0.00	54.45 0.11 0.00	49.06 0.00 0.00	45.62 -0.28 0.00	46.11 -0.42 0.00	48.61 -0.29 0.00	53.08 -0.37 0.00	56.29 0.00 0.00	61.01 0.66 0.00	65.77 1.48 0.00	74.27 2.44 0.00	84.85 3.34 0.00	98.96 4.35 0.00	112.06 4.00 0.00	126.76 4.29 0.00	137.22 4.25 0.00	184.18 3.79 0.00	234.86 4.83 0.00	215.31 7.88 0.00	166.11 7.91 0.00	145.06 8.21 0.00	115.50 3.25 0.00	96.86 1.34 0.00	81.35 1.67 0.00
STA_56___34_KV_BUS2 355983	62.03 1.22 0.00	54.45 0.11 0.00	49.06 0.00 0.00	45.62 -0.28 0.00	46.11 -0.42 0.00	48.61 -0.29 0.00	53.08 -0.37 0.00	56.29 0.00 0.00	61.01 0.66 0.00	65.77 1.48 0.00	74.27 2.44 0.00	84.85 3.34 0.00	98.96 4.35 0.00	112.06 4.00 0.00	126.76 4.29 0.00	137.22 4.25 0.00	184.18 3.79 0.00	234.86 4.83 0.00	215.31 7.88 0.00	166.11 7.91 0.00	145.06 8.21 0.00	115.50 3.25 0.00	96.86 1.34 0.00	81.35 1.67 0.00
STA_67___115KV_BK2 355882	62.28 1.46 0.00	54.67 0.33 0.00	49.21 0.15 0.00	45.76 -0.14 0.00	46.30 -0.23 0.00	48.76 -0.15 0.00	53.19 -0.27 0.00	56.46 0.17 0.00	61.13 0.78 0.00	65.96 1.67 0.00	74.49 2.66 0.00	85.10 3.59 0.00	99.15 4.54 0.00	112.28 4.21 0.00	126.76 4.29 0.00	137.22 4.25 0.00	184.00 3.61 0.00	234.40 4.37 0.00	215.10 7.67 0.00	166.27 8.07 0.00	145.19 8.35 0.00	115.72 3.48 0.00	97.05 1.53 0.00	81.59 1.91 0.00
STA_7___115KV_9TRANS 80674	62.95 2.13 0.00	55.15 0.82 0.00	49.70 0.64 0.00	46.17 0.28 0.00	46.67 0.14 0.00	49.15 0.24 0.00	53.67 0.21 0.00	56.97 0.68 0.00	61.80 1.45 0.00	66.67 2.38 0.00	75.35 3.52 0.00	85.99 4.48 0.00	100.47 5.87 0.00	113.69 5.62 0.00	128.35 5.88 0.00	138.95 5.98 0.00	186.53 6.13 0.00	238.08 8.05 0.00	218.42 10.99 0.00	168.64 10.44 0.00	147.11 10.26 0.00	117.07 4.83 0.00	98.10 2.58 0.00	82.39 2.71 0.00
STA_82___115KV_TB1 80780	62.34 1.52 0.00	54.67 0.33 0.00	49.21 0.15 0.00	45.76 -0.14 0.00	46.30 -0.23 0.00	48.76 -0.15 0.00	53.24 -0.21 0.00	56.46 0.17 0.00	61.13 0.78 0.00	65.96 1.67 0.00	74.49 2.66 0.00	85.10 3.59 0.00	99.15 4.54 0.00	112.28 4.21 0.00	126.76 4.29 0.00	137.35 4.39 0.00	184.00 3.61 0.00	234.63 4.60 0.00	215.10 7.67 0.00	166.27 8.07 0.00	145.33 8.48 0.00	115.72 3.48 0.00	97.05 1.53 0.00	81.59 1.91 0.00
STEEL___WIND 323596	63.31 2.49 0.00	55.04 0.70 0.00	49.41 0.35 0.00	46.03 0.14 0.00	46.44 -0.09 0.00	48.81 -0.10 0.00	53.35 -0.11 0.00	56.58 0.28 0.00	61.62 1.27 0.00	66.87 2.57 0.00	75.92 4.09 0.00	87.13 5.62 0.00	101.33 6.72 0.00	114.55 6.48 0.00	127.86 5.38 0.00	139.48 6.51 0.00	184.91 4.51 0.00	232.80 2.77 0.00	215.31 7.88 0.00	168.64 10.44 0.00	147.93 11.08 0.00	116.50 4.26 0.00	97.81 2.29 0.00	82.78 3.10 0.00
STEPHTWN_115KV_BK_2 55603	62.52 1.70 0.00	55.97 1.63 0.00	50.54 1.47 0.00	47.27 1.38 0.00	47.97 1.44 0.00	50.37 1.47 0.00	55.06 1.60 0.00	57.76 1.46 0.00	61.74 1.39 0.00	65.38 1.09 0.00	72.76 0.93 0.00	82.41 0.90 0.00	96.12 1.51 0.00	111.42 3.35 0.00	127.86 5.39 0.00	139.88 6.91 0.00	190.32 9.92 0.00	293.01 11.73 -51.26	373.33 9.96 -155.95	349.68 6.96 -184.52	297.36 5.75 -154.77	194.55 4.38 -77.93	117.34 3.06 -18.76	81.35 1.67 0.00
STEBEN_REC_LFGE 323667	63.49 2.68 0.00	55.48 1.14 0.00	49.85 0.79 0.00	46.45 0.55 0.00	47.04 0.51 0.00	49.64 0.73 0.00	54.42 0.96 0.00	57.53 1.24 0.00	61.92 1.57 0.00	66.80 2.51 0.00	75.56 3.74 0.00	86.65 5.14 0.00	100.19 5.58 0.00	113.69 5.62 0.00	127.98 5.51 0.00	139.35 6.38 0.00	186.17 5.77 0.00	240.18 7.59 -2.56	227.88 12.65 -7.80	181.19 13.76 -9.23	158.68 14.10 -7.74	123.21 7.07 -3.90	100.66 4.20 -0.94	84.14 4.46 0.00
STILLWATER___SOLAR 323814	63.31 2.49 0.00	56.57 2.23 0.00	51.03 1.96 0.00	47.68 1.79 0.00	48.40 1.86 0.00	50.91 2.01 0.00	55.54 2.08 0.00	58.38 2.08 0.00	62.10 1.75 0.00	65.51 1.22 0.00	72.69 0.87 0.00	82.57 1.06 0.00	96.22 1.61 0.00	111.63 3.56 0.00	127.74 5.26 0.00	140.14 7.18 0.00	191.04 10.64 0.00	335.70 13.34 -92.34	500.59 12.24 -280.93	500.26 9.65 -332.41	424.00 8.35 -278.81	259.03 6.39 -140.39	134.00 4.68 -33.80	82.78 3.10 0.00
STONY___BROOK 24151	62.58 1.76 0.00	55.37 1.03 0.00	49.90 0.83 0.00	46.31 0.41 0.00	46.95 0.42 0.00	49.54 0.63 0.00	54.63 1.17 0.00	56.07 -0.22 0.00	60.78 0.43 0.00	64.48 0.19 0.00	58.06 -0.21 13.55	61.83 0.00 19.68	85.15 0.48 9.93	108.68 3.14 2.52	126.47 5.88 1.88	142.80 9.84 0.00	196.08 15.69 0.00	254.10 14.73 -9.34	247.23 11.40 -28.41	195.13 8.06 -28.87	166.40 4.92 -24.64	127.18 2.69 -12.25	77.45 0.10 18.17	63.35 -1.04 15.29
STURGEON_POOL_HYD 23609	61.24 0.43 0.00	54.99 0.65 0.00	49.85 0.79 0.00	46.58 0.69 0.00	47.18 0.65 0.00	49.64 0.73 0.00	54.36 0.91 0.00	57.19 0.90 0.00	61.38 1.03 0.00	65.26 0.96 0.00	72.55 0.72 0.00	82.33 0.82 0.00	96.31 1.70 0.00	111.63 3.57 0.00	128.35 5.88 0.00	140.41 7.45 0.00	191.58 11.18 0.00	251.38 12.65 -8.70	250.65 9.54 -33.68	208.74 6.64 -43.90	180.78 4.93 -39.01	137.95 3.70 -22.01	102.54 1.72 -5.30	79.92 0.24 0.00

ST_LAW_115_BK7_LBMP 345037	60.20 0.61 1.23	54.76 0.43 0.01	49.41 0.35 0.00	46.26 0.37 0.00	46.90 0.37 0.00	49.29 0.39 0.00	53.93 0.48 0.00	56.74 0.45 0.00	60.78 0.43 0.00	64.74 0.45 0.00	72.34 0.51 0.00	81.92 0.41 0.00	94.23 -0.38 0.00	105.91 -2.16 0.00	119.17 -3.30 0.00	128.58 -4.38 0.00	174.45 -5.95 0.00	223.59 -6.44 0.00	201.21 -6.22 0.00	152.98 -5.22 0.00	132.46 -4.38 0.00	109.88 -2.36 0.00	95.14 -0.38 0.00	79.11 0.80 1.37
ST_LAW_115_BK8_LBMP 345038	60.20 0.61 1.23	54.76 0.43 0.01	49.41 0.35 0.00	46.26 0.37 0.00	46.90 0.37 0.00	49.29 0.39 0.00	53.93 0.48 0.00	56.74 0.45 0.00	60.78 0.43 0.00	64.74 0.45 0.00	72.34 0.51 0.00	81.92 0.41 0.00	94.23 -0.38 0.00	105.91 -2.16 0.00	119.17 -3.30 0.00	128.58 -4.38 0.00	174.45 -5.95 0.00	223.59 -6.44 0.00	201.21 -6.22 0.00	152.98 -5.22 0.00	132.46 -4.38 0.00	109.88 -2.36 0.00	95.14 -0.38 0.00	79.11 0.80 1.37
ST_LAW_230_BK5_LBMP 345035	60.60 0.48 0.70	54.72 0.38 0.01	49.36 0.30 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.25 0.34 0.00	53.88 0.43 0.00	56.69 0.40 0.00	60.71 0.36 0.00	64.68 0.39 0.00	72.26 0.43 0.00	81.84 0.33 0.00	94.33 -0.28 0.00	106.12 -1.94 0.00	119.42 -3.06 0.00	128.98 -3.99 0.00	174.99 -5.41 0.00	224.04 -5.98 0.00	201.62 -5.81 0.00	153.29 -4.91 0.00	132.74 -4.10 0.00	110.10 -2.14 0.00	95.14 -0.38 0.00	79.60 0.72 0.79
ST_LAW_230_BK6_LBMP 345036	60.60 0.48 0.70	54.72 0.38 0.01	49.36 0.30 0.00	46.22 0.32 0.00	46.86 0.33 0.00	49.25 0.34 0.00	53.88 0.43 0.00	56.69 0.40 0.00	60.71 0.36 0.00	64.68 0.39 0.00	72.26 0.43 0.00	81.84 0.33 0.00	94.33 -0.28 0.00	106.12 -1.94 0.00	119.42 -3.06 0.00	128.98 -3.99 0.00	174.99 -5.41 0.00	224.04 -5.98 0.00	201.62 -5.81 0.00	153.29 -4.91 0.00	132.74 -4.10 0.00	110.10 -2.14 0.00	95.14 -0.38 0.00	79.60 0.72 0.79
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	61.30 0.49 0.00	54.94 0.60 0.00	49.80 0.74 0.00	46.54 0.64 0.00	47.14 0.60 0.00	49.59 0.68 0.00	54.36 0.91 0.00	57.25 0.96 0.00	61.44 1.09 0.00	65.38 1.09 0.00	72.76 0.93 0.00	82.49 0.98 0.00	96.41 1.80 0.00	111.74 3.67 0.00	128.35 5.88 0.00	140.41 7.45 0.00	191.58 11.18 0.00	251.36 12.65 -8.69	243.82 9.96 -26.43	196.59 7.12 -31.28	168.42 5.34 -26.23	129.27 3.82 -13.21	100.61 1.91 -3.18	79.92 0.24 0.00
SWANROAD_115KV_TB1 355699	61.85 1.03 0.00	53.90 -0.43 0.00	48.43 -0.64 0.00	45.12 -0.78 0.00	45.56 -0.98 0.00	47.78 -1.12 0.00	51.90 -1.55 0.00	54.72 -1.58 0.00	59.51 -0.84 0.00	64.68 0.39 0.00	73.27 1.44 0.00	84.04 2.53 0.00	97.54 2.93 0.00	109.58 1.51 0.00	123.09 0.61 0.00	133.36 0.40 0.00	176.25 -4.15 0.00	222.43 -7.59 0.00	205.77 -1.66 0.00	160.89 2.69 0.00	142.05 5.20 0.00	111.90 -0.34 0.00	94.09 -1.43 0.00	80.00 0.32 0.00
SYNERGY___BIOGAS 323694	64.10 3.28 0.00	55.86 1.52 0.00	50.24 1.18 0.00	46.68 0.78 0.00	47.09 0.56 0.00	49.59 0.68 0.00	54.04 0.59 0.00	57.31 1.01 0.00	62.16 1.81 0.00	67.25 2.96 0.00	76.14 4.31 0.00	85.91 4.40 0.00	100.29 5.68 0.00	112.82 4.75 0.00	127.13 4.65 0.00	137.75 4.79 0.00	183.46 3.07 0.00	233.71 3.68 0.00	216.35 8.92 0.00	168.64 10.44 0.00	148.20 11.36 0.00	116.62 4.38 0.00	97.43 1.91 0.00	83.66 3.98 0.00
SYRACUSE___ENERGY_ST1 323597	60.88 0.06 0.00	54.12 -0.22 0.00	48.77 -0.29 0.00	45.53 -0.37 0.00	46.21 -0.33 0.00	48.61 -0.29 0.00	53.19 -0.27 0.00	56.12 -0.17 0.00	60.29 -0.06 0.00	64.42 0.13 0.00	72.26 0.43 0.00	81.75 0.24 0.00	94.89 0.28 0.00	108.61 0.54 0.00	123.33 0.86 0.00	134.16 1.20 0.00	181.48 1.08 0.00	231.64 1.61 0.00	210.54 3.11 0.00	161.36 3.16 0.00	139.99 3.15 0.00	113.25 1.01 0.00	95.52 0.00 0.00	79.68 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	60.88 0.06 0.00	54.12 -0.22 0.00	48.77 -0.29 0.00	45.53 -0.37 0.00	46.21 -0.33 0.00	48.61 -0.29 0.00	53.19 -0.27 0.00	56.12 -0.17 0.00	60.29 -0.06 0.00	64.42 0.13 0.00	72.26 0.43 0.00	81.75 0.24 0.00	94.89 0.28 0.00	108.61 0.54 0.00	123.33 0.86 0.00	134.16 1.20 0.00	181.48 1.08 0.00	231.64 1.61 0.00	210.54 3.11 0.00	161.36 3.16 0.00	139.99 3.15 0.00	113.25 1.01 0.00	95.52 0.00 0.00	79.68 0.00 0.00
SYRACUSE___POWER 24017	60.70 -0.12 0.00	54.01 -0.33 0.00	48.67 -0.39 0.00	45.44 -0.46 0.00	46.07 -0.47 0.00	48.47 -0.44 0.00	53.03 -0.43 0.00	56.01 -0.28 0.00	60.17 -0.18 0.00	64.29 0.00 0.00	72.05 0.22 0.00	81.84 0.33 0.00	95.08 0.47 0.00	108.93 0.86 0.00	123.70 1.22 0.00	134.56 1.60 0.00	182.02 1.62 0.00	232.33 2.30 0.00	210.95 3.53 0.00	161.84 3.64 0.00	140.27 3.42 0.00	113.48 1.23 0.00	95.71 0.19 0.00	79.76 0.08 0.00
TALLMAN_138KV_BK151 55660	61.30 0.49 0.00	54.94 0.60 0.00	49.80 0.74 0.00	46.54 0.64 0.00	47.18 0.65 0.00	49.64 0.73 0.00	54.42 0.96 0.00	57.36 1.07 0.00	61.68 1.33 0.00	65.64 1.35 0.00	73.12 1.29 0.00	82.81 1.30 0.00	96.78 2.18 0.00	112.28 4.21 0.00	129.09 6.61 0.00	141.48 8.51 0.00	193.02 12.63 0.00	253.23 14.26 -8.94	245.63 10.99 -27.21	198.30 7.91 -32.19	169.73 5.88 -27.00	129.99 4.15 -13.60	100.80 2.01 -3.27	79.84 0.16 0.00
TEALLAVE_115KV_TB7 355573	60.45 -0.36 0.00	53.74 -0.60 0.00	48.48 -0.59 0.00	45.25 -0.64 0.00	45.88 -0.65 0.00	48.27 -0.64 0.00	52.81 -0.64 0.00	55.73 -0.56 0.00	59.93 -0.42 0.00	64.03 -0.26 0.00	71.83 0.00 0.00	81.59 0.08 0.00	94.89 0.28 0.00	108.71 0.65 0.00	123.33 0.86 0.00	134.16 1.20 0.00	181.30 0.90 0.00	231.41 1.38 0.00	209.92 2.49 0.00	161.05 2.85 0.00	139.58 2.74 0.00	113.03 0.79 0.00	95.33 -0.19 0.00	79.44 -0.24 0.00
TELGRAPH_34_KV_EAST 80808	63.01 2.19 0.00	54.88 0.54 0.00	49.31 0.25 0.00	45.90 0.00 0.00	46.35 -0.19 0.00	48.66 -0.24 0.00	52.97 -0.48 0.00	56.12 -0.17 0.00	60.95 0.60 0.00	66.09 1.80 0.00	74.85 3.02 0.00	85.59 4.08 0.00	99.62 5.01 0.00	112.06 4.00 0.00	126.02 3.55 0.00	136.56 3.59 0.00	181.12 0.72 0.00	229.80 -0.23 0.00	212.61 5.19 0.00	165.79 7.59 0.00	146.02 9.17 0.00	114.93 2.69 0.00	96.38 0.86 0.00	81.91 2.23 0.00
TEMPLE___115KV_TB 2 55572	60.51 -0.30 0.00	53.80 -0.54 0.00	48.48 -0.59 0.00	45.25 -0.64 0.00	45.88 -0.65 0.00	48.32 -0.59 0.00	52.87 -0.59 0.00	55.79 -0.51 0.00	59.99 -0.36 0.00	64.10 -0.19 0.00	71.90 0.07 0.00	81.67 0.16 0.00	94.99 0.38 0.00	108.82 0.76 0.00	123.45 0.98 0.00	134.30 1.33 0.00	181.66 1.26 0.00	231.64 1.61 0.00	210.33 2.90 0.00	161.21 3.01 0.00	139.86 3.01 0.00	113.14 0.90 0.00	95.43 -0.10 0.00	79.52 -0.16 0.00
TIANA___69_KV_BK 1 55817	62.95 2.13 0.00	55.64 1.30 0.00	50.09 1.03 0.00	46.49 0.60 0.00	47.09 0.56 0.00	49.74 0.83 0.00	54.90 1.44 0.00	56.57 0.28 0.00	61.44 1.09 0.00	65.58 1.29 0.00	59.08 0.86 13.62	63.13 1.39 19.77	86.90 2.27 9.98	110.83 5.30 2.53	129.27 8.70 1.89	146.39 13.43 0.00	202.22 21.83 0.00	259.14 19.78 -9.34	252.22 16.39 -28.41	200.65 13.61 -28.84	169.81 8.35 -24.61	129.53 5.05 -12.24	78.69 1.43 18.27	64.30 0.00 15.38

TILDEN___115KV_TB1 80814	60.70 -0.12 0.00	54.01 -0.33 0.00	48.67 -0.39 0.00	45.44 -0.46 0.00	46.07 -0.47 0.00	48.47 -0.44 0.00	53.03 -0.43 0.00	56.01 -0.28 0.00	60.17 -0.18 0.00	64.29 0.00 0.00	72.05 0.22 0.00	81.84 0.33 0.00	95.08 0.47 0.00	108.93 0.86 0.00	123.70 1.22 0.00	134.56 1.60 0.00	182.02 1.62 0.00	232.33 2.30 0.00	210.95 3.53 0.00	161.84 3.64 0.00	140.27 3.42 0.00	113.48 1.23 0.00	95.71 0.19 0.00	79.76 0.08 0.00
TRIGEN___CC 323695	62.09 1.28 0.00	55.21 0.87 0.00	49.90 0.83 0.00	46.49 0.60 0.00	47.04 0.51 0.00	49.59 0.68 0.00	54.52 1.07 0.00	56.80 0.51 0.00	61.32 0.97 0.00	65.32 1.03 0.00	69.23 0.57 3.18	77.78 0.90 4.63	93.97 1.70 2.34	111.47 4.00 0.60	129.20 6.74 0.01	143.07 10.11 0.00	196.63 16.24 0.00	256.15 16.79 -9.34	248.90 13.07 -28.41	201.46 9.65 -33.61	171.20 6.16 -28.19	130.36 3.93 -14.19	95.13 1.24 1.64	78.66 -0.40 0.62
TRINITY___115KV__4 BK 55933	61.91 1.09 0.00	55.54 1.20 0.00	50.14 1.08 0.00	46.95 1.06 0.00	47.60 1.07 0.00	50.03 1.12 0.00	54.58 1.12 0.00	57.36 1.07 0.00	61.32 0.97 0.00	65.00 0.71 0.00	72.33 0.50 0.00	82.00 0.49 0.00	95.55 0.95 0.00	110.88 2.81 0.00	126.88 4.41 0.00	138.55 5.58 0.00	188.51 8.12 0.00	292.46 9.20 -53.23	376.84 7.47 -161.95	355.04 5.22 -191.62	301.81 4.24 -160.72	196.43 3.25 -80.93	117.11 2.10 -19.49	80.56 0.88 0.00
UNION___PROCESSING_DRP 323587	62.34 1.52 0.00	54.67 0.33 0.00	49.26 0.20 0.00	45.80 -0.09 0.00	46.30 -0.23 0.00	48.76 -0.15 0.00	53.24 -0.21 0.00	56.46 0.17 0.00	61.19 0.84 0.00	65.96 1.67 0.00	74.56 2.73 0.00	85.10 3.59 0.00	99.15 4.54 0.00	112.28 4.21 0.00	126.88 4.41 0.00	137.35 4.39 0.00	184.00 3.61 0.00	234.63 4.60 0.00	215.31 7.88 0.00	166.43 8.23 0.00	145.33 8.48 0.00	115.72 3.48 0.00	97.15 1.62 0.00	81.67 1.99 0.00
UPPER HUDSON___HYD 24058	63.49 2.67 0.00	56.57 2.23 0.00	50.98 1.91 0.00	47.55 1.65 0.00	48.35 1.81 0.00	50.86 1.96 0.00	55.54 2.08 0.00	58.38 2.08 0.00	62.04 1.69 0.00	65.32 1.03 0.00	72.05 0.22 0.00	81.84 0.33 0.00	95.36 0.75 0.00	110.66 2.59 0.00	126.88 4.40 0.00	139.48 6.51 0.00	190.31 9.92 0.00	339.37 13.10 -96.24	512.26 12.03 -292.81	515.10 10.44 -346.47	436.47 9.03 -290.60	265.53 6.96 -146.33	136.00 5.25 -35.23	83.27 3.59 0.00
UPPER RAQUET___HYD 24056	72.54 2.44 -9.29	56.38 1.95 -0.09	50.68 1.62 0.00	47.46 1.56 0.00	47.93 1.39 0.00	50.42 1.52 0.00	55.16 1.71 0.00	57.93 1.63 0.00	61.98 1.63 0.00	65.90 1.61 0.00	73.69 1.86 0.00	82.89 1.38 0.00	93.38 -1.23 0.00	104.39 -3.67 0.00	116.60 -5.88 0.00	125.91 -7.05 0.00	171.01 -9.39 0.00	220.58 -9.44 0.00	199.12 -8.30 0.00	151.87 -6.33 0.00	131.51 -5.34 0.00	108.88 -3.36 0.00	95.52 0.00 0.00	92.73 2.55 -10.50
VALLEY44_115KV_TB2 355964	62.58 1.76 0.00	54.50 0.16 0.00	48.97 -0.10 0.00	45.57 -0.32 0.00	46.16 -0.37 0.00	48.47 -0.44 0.00	53.19 -0.27 0.00	56.35 0.06 0.00	61.13 0.78 0.00	66.16 1.86 0.00	75.06 3.23 0.00	86.24 4.73 0.00	100.19 5.58 0.00	113.15 5.08 0.00	127.13 4.65 0.00	138.28 5.32 0.00	183.64 3.25 0.00	231.87 1.84 0.00	213.86 6.43 0.00	166.90 8.70 0.00	146.56 9.72 0.00	115.94 3.70 0.00	97.34 1.81 0.00	81.99 2.31 0.00
VALLEY___115KV_TB 1-4 80826	60.70 -0.12 0.00	54.23 -0.11 0.00	48.97 -0.10 0.00	45.80 -0.09 0.00	46.44 -0.09 0.00	48.86 -0.05 0.00	53.45 0.00 0.00	56.29 0.00 0.00	60.35 0.00 0.00	64.29 0.00 0.00	71.76 -0.07 0.00	81.43 -0.08 0.00	94.70 0.09 0.00	108.71 0.65 0.00	123.45 0.98 0.00	134.43 1.46 0.00	182.38 1.98 0.00	232.33 2.30 0.00	209.71 2.28 0.00	160.10 1.90 0.00	138.22 1.37 0.00	113.14 0.90 0.00	95.90 0.38 0.00	79.68 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	62.82 2.01 0.00	56.30 1.96 0.00	50.78 1.72 0.00	47.55 1.65 0.00	48.16 1.63 0.00	50.62 1.71 0.00	55.27 1.82 0.00	58.32 2.03 0.00	62.40 2.05 0.00	66.54 2.25 0.00	74.42 2.59 0.00	84.53 3.02 0.00	98.49 3.88 0.00	113.58 5.51 0.00	129.21 6.74 0.00	140.68 7.71 0.00	191.04 10.64 0.00	256.59 13.34 -13.23	260.32 12.65 -40.24	216.10 10.28 -47.62	185.54 8.76 -39.94	138.64 6.29 -20.11	104.57 4.20 -4.84	82.63 2.95 0.00
VISCHER___FERRY HYD 24020	62.34 1.52 0.00	55.81 1.47 0.00	50.44 1.37 0.00	47.18 1.28 0.00	47.88 1.35 0.00	50.32 1.42 0.00	54.95 1.49 0.00	57.70 1.41 0.00	61.68 1.33 0.00	65.26 0.97 0.00	72.55 0.72 0.00	82.41 0.90 0.00	96.03 1.42 0.00	111.52 3.46 0.00	127.74 5.26 0.00	139.74 6.78 0.00	190.31 9.92 0.00	320.40 11.50 -78.88	457.37 9.96 -239.98	449.28 7.13 -283.96	381.03 6.01 -238.17	236.77 4.60 -119.93	127.54 3.15 -28.87	81.36 1.68 0.00
V_A_10_SYNC_DSASP 323832	61.79 0.97 0.00	53.90 -0.43 0.00	48.48 -0.59 0.00	45.12 -0.78 0.00	45.65 -0.88 0.00	47.93 -0.98 0.00	52.33 -1.12 0.00	55.45 -0.84 0.00	60.23 -0.12 0.00	65.19 0.90 0.00	73.77 1.94 0.00	84.44 2.93 0.00	98.01 3.41 0.00	110.44 2.38 0.00	124.43 1.96 0.00	134.43 1.46 0.00	178.41 -1.98 0.00	225.88 -4.14 0.00	208.67 1.24 0.00	162.47 4.27 0.00	142.87 6.02 0.00	113.25 1.01 0.00	95.23 -0.29 0.00	80.56 0.88 0.00
V_CMM_10_SYNC_DSASP 323787	60.62 1.03 1.23	55.14 0.82 0.01	49.75 0.69 0.00	46.54 0.64 0.00	47.18 0.65 0.00	49.59 0.68 0.00	54.26 0.80 0.00	57.08 0.79 0.00	61.13 0.78 0.00	65.13 0.83 0.00	72.83 1.01 0.00	82.41 0.90 0.00	94.70 0.09 0.00	106.45 -1.62 0.00	119.66 -2.81 0.00	129.11 -3.86 0.00	175.16 -5.24 0.00	224.74 -5.28 0.00	202.03 -5.39 0.00	153.61 -4.59 0.00	133.16 -3.69 0.00	110.33 -1.91 0.00	95.52 0.00 0.00	79.58 1.27 1.37
V_CMP_10_SYNC_DSASP 323788	61.30 0.48 0.00	54.67 0.33 0.00	49.31 0.25 0.00	46.45 0.55 0.00	47.14 0.60 0.00	49.29 0.39 0.00	54.10 0.64 0.00	56.97 0.68 0.00	61.08 0.73 0.00	65.13 0.83 0.00	72.91 1.08 0.00	82.49 0.98 0.00	94.42 -0.19 0.00	106.23 -1.84 0.00	119.42 -3.06 0.00	128.98 -3.99 0.00	174.99 -5.41 0.00	224.96 -5.06 0.00	202.45 -4.98 0.00	153.94 -4.26 0.00	133.56 -3.29 0.00	110.44 -1.80 0.00	95.33 -0.19 0.00	81.65 1.20 -0.77
V_D_10_SYNC_DSASP 323841	76.15 1.76 -13.57	55.88 1.41 -0.13	50.29 1.23 0.00	47.04 1.15 0.00	47.70 1.16 0.00	50.13 1.22 0.00	54.84 1.39 0.00	57.64 1.35 0.00	61.68 1.33 0.00	65.70 1.41 0.00	73.48 1.65 0.00	83.14 1.63 0.00	95.18 0.57 0.00	106.55 -1.51 0.00	119.29 -3.18 0.00	128.84 -4.12 0.00	174.80 -5.59 0.00	224.50 -5.52 0.00	202.03 -5.39 0.00	153.77 -4.43 0.00	133.29 -3.56 0.00	110.44 -1.80 0.00	96.19 0.67 0.00	97.09 2.23 -15.19
V_E_10_SYNC_DSASP 323830	65.86 5.05 0.00	58.42 4.08 0.00	52.55 3.48 0.00	49.11 3.21 0.00	49.79 3.26 0.00	52.62 3.72 0.00	57.84 4.38 0.00	61.13 4.84 0.00	65.24 4.89 0.00	69.50 5.21 0.00	77.79 5.96 0.00	88.52 7.01 0.00	102.94 8.33 0.00	118.77 10.70 0.00	134.23 11.76 0.00	147.05 14.09 0.00	199.88 19.49 0.00	263.01 26.90 -6.08	254.75 28.82 -18.50	204.76 24.67 -21.89	176.42 21.21 -18.36	135.51 14.03 -9.24	107.77 10.03 -2.23	87.81 8.13 0.00

V_F_30_NSYNC___DSASP 323816	63.43 2.61 0.00	56.62 2.28 0.00	51.08 2.01 0.00	47.73 1.84 0.00	48.49 1.95 0.00	50.96 2.05 0.00	55.60 2.14 0.00	58.43 2.14 0.00	62.22 1.87 0.00	65.70 1.41 0.00	72.91 1.08 0.00	82.73 1.22 0.00	96.50 1.89 0.00	111.85 3.78 0.00	128.11 5.64 0.00	140.41 7.44 0.00	191.40 11.01 0.00	337.91 13.80 -94.09	506.12 12.44 -286.25	506.72 9.81 -338.71	429.42 8.49 -284.09	261.80 6.51 -143.05	134.83 4.87 -34.44	82.95 3.27 0.00
V_F_30_SYNC_DSASP 323786	62.34 1.52 0.00	55.81 1.47 0.00	50.44 1.37 0.00	47.18 1.29 0.00	47.84 1.30 0.00	50.27 1.37 0.00	54.90 1.44 0.00	57.64 1.35 0.00	61.62 1.27 0.00	65.32 1.03 0.00	72.69 0.86 0.00	82.41 0.90 0.00	96.12 1.51 0.00	111.42 3.35 0.00	127.62 5.14 0.00	139.48 6.52 0.00	189.59 9.20 0.00	304.25 10.81 -63.41	409.26 8.92 -192.92	392.79 6.33 -228.27	333.51 5.20 -191.46	212.69 4.04 -96.41	121.41 2.67 -23.21	81.11 1.43 0.00
V_XM_10_SYNC_DSASP 323789	61.30 0.48 0.00	54.67 0.33 0.00	49.31 0.25 0.00	46.45 0.55 0.00	47.14 0.60 0.00	49.29 0.39 0.00	54.10 0.64 0.00	56.97 0.68 0.00	61.08 0.73 0.00	65.13 0.83 0.00	72.91 1.08 0.00	82.49 0.98 0.00	94.42 -0.19 0.00	106.23 -1.84 0.00	119.42 -3.06 0.00	128.98 -3.99 0.00	174.99 -5.41 0.00	224.96 -5.06 0.00	202.45 -4.98 0.00	153.94 -4.26 0.00	133.56 -3.29 0.00	110.44 -1.80 0.00	95.33 -0.19 0.00	81.65 1.20 -0.77
W.BABYLN_69_KV_BK1 56697	63.19 2.37 0.00	55.97 1.63 0.00	50.44 1.37 0.00	46.86 0.96 0.00	47.46 0.93 0.00	50.03 1.12 0.00	55.17 1.71 0.00	57.14 0.84 0.00	61.86 1.51 0.00	66.03 1.74 0.00	60.74 0.93 12.02	65.36 1.30 17.46	87.97 2.18 8.81	110.48 4.65 2.23	128.62 7.72 1.57	144.93 11.97 0.00	199.88 19.48 0.00	259.14 19.78 -9.34	251.80 15.97 -28.41	200.04 12.18 -29.66	169.87 7.80 -25.23	129.64 4.83 -12.57	81.61 1.81 15.73	66.67 0.08 13.09
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	61.49 0.67 0.00	55.15 0.82 0.00	50.00 0.93 0.00	46.72 0.83 0.00	47.32 0.79 0.00	49.79 0.88 0.00	54.63 1.18 0.00	57.59 1.29 0.00	61.92 1.57 0.00	65.83 1.54 0.00	73.34 1.51 0.00	83.14 1.63 0.00	97.16 2.55 0.00	112.71 4.65 0.00	129.58 7.10 0.00	142.01 9.04 0.00	193.74 13.35 0.00	254.46 15.41 -9.02	246.90 12.03 -27.44	199.37 8.70 -32.47	170.65 6.57 -27.23	130.67 4.71 -13.71	101.21 2.39 -3.30	80.16 0.48 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	61.55 0.73 0.00	55.26 0.92 0.00	50.24 1.18 0.00	47.00 1.10 0.00	47.56 1.02 0.00	50.03 1.12 0.00	54.90 1.44 0.00	57.76 1.46 0.00	62.16 1.81 0.00	66.22 1.93 0.00	73.70 1.87 0.00	83.71 2.20 0.00	97.64 3.03 0.00	113.58 5.51 0.00	130.36 8.21 0.31	143.32 10.37 0.02	195.91 15.51 0.00	257.07 17.71 -9.33	249.72 13.90 -28.40	201.93 10.12 -33.60	172.49 7.53 -28.11	131.59 5.16 -14.19	101.61 2.67 -3.42	80.24 0.56 0.00
W50THST__13_KV_LOAD 356117	61.85 1.03 0.00	55.54 1.20 0.00	50.49 1.42 0.00	47.23 1.33 0.00	47.79 1.26 0.00	50.32 1.42 0.00	55.27 1.82 0.00	58.15 1.86 0.00	62.64 2.29 0.00	66.73 2.44 0.00	74.27 2.44 0.00	84.36 2.85 0.00	98.39 3.78 0.00	114.44 6.38 0.00	131.08 9.19 0.58	144.37 11.44 0.03	197.35 16.96 0.00	258.91 19.55 -9.33	251.17 15.35 -28.40	203.03 11.23 -33.60	173.25 8.35 -28.05	132.27 5.84 -14.19	102.19 3.25 -3.42	80.64 0.96 0.00
WADING RIVER_IC_1 23522	62.22 1.40 0.00	55.04 0.70 0.00	49.55 0.49 0.00	45.99 0.09 0.00	46.63 0.09 0.00	49.20 0.30 0.00	54.31 0.85 0.00	55.96 -0.34 0.00	60.59 0.24 0.00	64.29 0.00 0.00	57.92 -0.29 13.62	61.73 0.00 19.78	85.20 0.57 9.98	108.78 3.24 2.53	126.82 6.24 1.90	143.61 10.64 0.00	196.98 16.59 0.00	254.54 15.18 -9.34	248.49 12.65 -28.41	196.05 9.01 -28.84	167.34 5.88 -24.61	127.74 3.26 -12.24	77.53 0.29 18.28	63.18 -1.12 15.39
WADING RIVER_IC_2 23547	62.22 1.40 0.00	55.04 0.70 0.00	49.55 0.49 0.00	45.99 0.09 0.00	46.63 0.09 0.00	49.20 0.30 0.00	54.31 0.85 0.00	55.96 -0.34 0.00	60.59 0.24 0.00	64.29 0.00 0.00	57.92 -0.29 13.62	61.73 0.00 19.78	85.20 0.57 9.98	108.78 3.24 2.53	126.82 6.24 1.90	143.61 10.64 0.00	196.98 16.59 0.00	254.54 15.18 -9.34	248.49 12.65 -28.41	196.05 9.01 -28.84	167.34 5.88 -24.61	127.74 3.26 -12.24	77.53 0.29 18.28	63.18 -1.12 15.39
WADING RIVER_IC_3 23601	62.22 1.40 0.00	55.04 0.70 0.00	49.55 0.49 0.00	45.99 0.09 0.00	46.63 0.09 0.00	49.20 0.30 0.00	54.31 0.85 0.00	55.96 -0.34 0.00	60.59 0.24 0.00	64.29 0.00 0.00	57.92 -0.29 13.62	61.73 0.00 19.78	85.20 0.57 9.98	108.78 3.24 2.53	126.82 6.24 1.90	143.61 10.64 0.00	196.98 16.59 0.00	254.54 15.18 -9.34	248.49 12.65 -28.41	196.05 9.01 -28.84	167.34 5.88 -24.61	127.74 3.26 -12.24	77.53 0.29 18.28	63.18 -1.12 15.39
WALDENNY_12_KV_BK2 80841	63.43 2.62 0.00	55.15 0.82 0.00	49.51 0.44 0.00	46.08 0.18 0.00	46.58 0.05 0.00	48.91 0.00 0.00	53.40 -0.05 0.00	56.63 0.34 0.00	61.62 1.27 0.00	66.99 2.70 0.00	76.00 4.17 0.00	87.46 5.95 0.00	101.61 7.00 0.00	114.55 6.48 0.00	128.60 6.12 0.00	139.61 6.65 0.00	184.90 4.51 0.00	233.48 3.45 0.00	215.93 8.50 0.00	168.48 10.28 0.00	148.34 11.50 0.00	116.73 4.49 0.00	97.91 2.39 0.00	82.87 3.19 0.00
WALDEN__HYDRO 24148	61.49 0.67 0.00	55.10 0.76 0.00	49.95 0.88 0.00	46.63 0.73 0.00	47.23 0.70 0.00	49.74 0.83 0.00	54.52 1.07 0.00	57.36 1.07 0.00	61.56 1.21 0.00	65.45 1.16 0.00	72.84 1.01 0.00	82.57 1.06 0.00	96.60 1.99 0.00	111.96 3.89 0.00	128.60 6.12 0.00	140.81 7.84 0.00	192.12 11.73 0.00	253.20 13.80 -9.37	246.72 10.79 -28.51	199.69 7.75 -33.74	171.03 5.88 -28.30	130.87 4.38 -14.25	101.34 2.39 -3.43	80.32 0.64 0.00
WARRENSBURG____ 23737	63.49 2.68 0.00	56.57 2.23 0.00	50.98 1.91 0.00	47.55 1.65 0.00	48.35 1.81 0.00	50.86 1.96 0.00	55.54 2.08 0.00	58.38 2.08 0.00	62.04 1.69 0.00	65.38 1.09 0.00	72.05 0.22 0.00	81.84 0.33 0.00	95.37 0.76 0.00	110.66 2.59 0.00	126.88 4.41 0.00	139.48 6.52 0.00	190.32 9.92 0.00	339.38 13.11 -96.24	512.27 12.03 -292.81	515.11 10.44 -346.47	436.47 9.03 -290.60	265.53 6.96 -146.33	136.01 5.25 -35.23	83.27 3.59 0.00
WATERSIDE____6 8 9 23538	61.18 0.36 0.00	54.88 0.54 0.00	50.14 1.08 0.00	47.14 1.24 0.00	47.65 1.12 0.00	49.88 0.98 0.00	54.52 1.07 0.00	57.31 1.01 0.00	61.68 1.33 0.00	65.64 1.35 0.00	73.05 1.22 0.00	82.98 1.47 0.00	65.46 2.27 31.42	73.42 4.65 39.29	107.62 7.23 22.08	124.10 9.31 18.17	176.95 14.07 17.52	235.48 15.87 10.41	211.53 12.24 8.14	144.13 8.86 22.93	88.71 6.57 54.70	65.47 4.38 51.15	61.85 2.10 35.77	60.53 0.08 19.23
WATKINRD_115KV_LN8_ILLION 55919	60.63 -0.18 0.00	54.23 -0.11 0.00	48.97 -0.10 0.00	45.80 -0.09 0.00	46.44 -0.09 0.00	48.86 -0.05 0.00	53.40 -0.05 0.00	56.24 -0.06 0.00	60.29 -0.06 0.00	64.16 -0.13 0.00	71.69 -0.14 0.00	81.35 -0.16 0.00	94.61 0.00 0.00	108.50 0.43 0.00	123.33 0.86 0.00	134.16 1.20 0.00	182.02 1.62 0.00	231.87 1.84 0.00	209.29 1.87 0.00	159.78 1.58 0.00	138.08 1.23 0.00	113.03 0.79 0.00	95.71 0.19 0.00	79.60 -0.08 0.00

WDELAWARE___HYD 323627	61.61 0.79 0.00	55.16 0.82 0.00	49.90 0.83 0.00	46.59 0.69 0.00	47.18 0.65 0.00	49.69 0.78 0.00	54.47 1.01 0.00	57.36 1.07 0.00	61.49 1.14 0.00	65.38 1.09 0.00	72.76 0.93 0.00	82.57 1.06 0.00	96.60 1.99 0.00	111.85 3.78 0.00	128.23 5.76 0.00	140.54 7.58 0.00	191.95 11.56 0.00	252.28 14.27 -7.98	246.07 11.82 -26.83	199.74 8.38 -33.16	172.00 6.57 -28.59	132.29 4.82 -15.23	101.86 2.67 -3.67	80.64 0.96 0.00
WEST BABYLON___IC 23714	63.19 2.37 0.00	55.97 1.63 0.00	50.44 1.37 0.00	46.86 0.96 0.00	47.46 0.93 0.00	50.03 1.12 0.00	55.17 1.71 0.00	57.14 0.84 0.00	61.86 1.51 0.00	66.03 1.74 0.00	60.74 0.93 12.02	65.36 1.30 17.46	87.97 2.18 8.81	110.48 4.65 2.23	128.62 7.72 1.57	144.93 11.97 0.00	199.88 19.48 0.00	259.14 19.78 -9.34	251.80 15.97 -28.41	200.04 12.18 -29.66	169.87 7.80 -25.23	129.64 4.83 -12.57	81.61 1.81 15.73	66.67 0.08 13.09
WEST CANADA___HYD 24049	60.76 -0.06 0.00	54.34 0.00 0.00	49.06 0.00 0.00	45.90 0.00 0.00	46.53 0.00 0.00	48.91 0.00 0.00	53.45 0.00 0.00	56.29 0.00 0.00	60.35 0.00 0.00	64.29 0.00 0.00	71.76 -0.07 0.00	81.43 -0.08 0.00	94.61 0.00 0.00	108.61 0.54 0.00	123.34 0.86 0.00	134.16 1.19 0.00	182.01 1.62 0.00	231.86 1.83 0.00	209.08 1.65 0.00	159.62 1.42 0.00	137.94 1.09 0.00	112.92 0.68 0.00	95.81 0.29 0.00	79.68 0.00 0.00
WESTERN_NY_WIND 24143	63.98 3.16 0.00	55.81 1.47 0.00	50.14 1.08 0.00	46.58 0.69 0.00	47.04 0.51 0.00	49.54 0.64 0.00	53.94 0.48 0.00	57.19 0.90 0.00	62.04 1.69 0.00	67.18 2.89 0.00	76.07 4.24 0.00	85.99 4.48 0.00	100.29 5.68 0.00	112.93 4.86 0.00	127.13 4.65 0.00	137.75 4.79 0.00	183.46 3.07 0.00	233.71 3.68 0.00	216.35 8.92 0.00	168.64 10.44 0.00	148.20 11.36 0.00	116.73 4.49 0.00	97.53 2.01 0.00	83.58 3.90 0.00
WESTOVER___LESR 323668	61.79 0.97 0.00	54.88 0.54 0.00	49.46 0.39 0.00	46.17 0.28 0.00	46.81 0.28 0.00	49.25 0.34 0.00	53.83 0.37 0.00	56.80 0.51 0.00	61.07 0.72 0.00	65.38 1.09 0.00	73.34 1.51 0.00	83.55 2.04 0.00	97.16 2.55 0.00	111.09 3.03 0.00	126.02 3.55 0.00	137.09 4.12 0.00	184.90 4.51 0.00	239.37 5.29 -4.05	226.60 6.85 -12.33	179.43 6.64 -14.59	155.51 6.43 -12.23	121.77 3.37 -6.16	98.82 1.81 -1.48	81.19 1.51 0.00
WETHRSFD_WT_PWR 323626	62.58 1.76 0.00	54.56 0.22 0.00	48.97 -0.10 0.00	45.62 -0.27 0.00	46.11 -0.42 0.00	48.46 -0.44 0.00	53.03 -0.43 0.00	56.07 -0.22 0.00	60.59 0.24 0.00	65.51 1.22 0.00	74.27 2.44 0.00	85.09 3.58 0.00	98.87 4.26 0.00	111.85 3.78 0.00	125.29 2.82 0.00	136.56 3.59 0.00	181.83 1.44 0.00	230.26 0.23 0.00	213.03 5.60 0.00	166.89 8.70 0.00	146.42 9.58 0.00	115.72 3.48 0.00	96.96 1.43 0.00	81.99 2.31 0.00
WHAVSTOR_138KV_BK127 55557	61.18 0.36 0.00	54.83 0.49 0.00	49.75 0.69 0.00	46.49 0.60 0.00	47.09 0.56 0.00	49.54 0.64 0.00	54.36 0.91 0.00	57.31 1.01 0.00	61.62 1.27 0.00	65.51 1.22 0.00	72.98 1.15 0.00	82.65 1.14 0.00	96.50 1.89 0.00	112.06 4.00 0.00	128.72 6.25 0.00	141.08 8.11 0.00	192.48 12.09 0.00	252.63 13.57 -9.04	245.50 10.58 -27.49	198.32 7.59 -32.53	169.74 5.61 -27.28	129.91 3.93 -13.74	100.64 1.81 -3.31	79.68 0.00 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	61.18 0.36 0.00	54.83 0.49 0.00	49.75 0.69 0.00	46.49 0.60 0.00	47.09 0.56 0.00	49.54 0.64 0.00	54.36 0.91 0.00	57.31 1.01 0.00	61.62 1.27 0.00	65.51 1.22 0.00	72.98 1.15 0.00	82.65 1.14 0.00	96.50 1.89 0.00	112.06 4.00 0.00	128.72 6.25 0.00	141.08 8.11 0.00	192.48 12.09 0.00	252.63 13.57 -9.04	245.50 10.58 -27.49	198.32 7.59 -32.53	169.74 5.61 -27.28	129.91 3.93 -13.74	100.64 1.81 -3.31	79.68 0.00 0.00
WHITEHAL_115KV_TB1 80871	65.14 4.32 0.00	57.87 3.53 0.00	52.11 3.04 0.00	48.56 2.66 0.00	49.46 2.93 0.00	52.04 3.13 0.00	56.77 3.31 0.00	59.67 3.38 0.00	63.25 2.90 0.00	66.41 2.12 0.00	73.34 1.51 0.00	83.30 1.79 0.00	97.16 2.55 0.00	112.71 4.65 0.00	129.45 6.98 0.00	142.54 9.57 0.00	194.83 14.43 0.00	344.69 19.32 -95.35	515.77 18.25 -290.09	516.63 15.19 -343.24	438.15 13.41 -287.89	267.42 10.21 -144.97	138.45 8.02 -34.90	85.50 5.82 0.00
WHITEPLN_13_KV_LOAD 356215	62.22 1.40 0.00	55.75 1.41 0.00	50.54 1.47 0.00	47.23 1.33 0.00	47.84 1.30 0.00	50.32 1.42 0.00	55.27 1.82 0.00	58.21 1.91 0.00	62.70 2.35 0.00	67.06 2.76 0.00	74.70 2.87 0.00	84.85 3.34 0.00	99.24 4.64 0.00	115.52 7.46 0.00	132.64 10.17 0.00	145.60 12.63 0.00	198.98 18.58 0.00	261.43 22.08 -9.32	253.20 17.42 -28.35	204.56 12.81 -33.54	174.97 9.99 -28.13	133.37 6.96 -14.17	102.75 3.82 -3.41	81.27 1.59 0.00
WM_FLOYD_69_KV_BK2 356380	62.58 1.76 0.00	55.37 1.03 0.00	49.85 0.79 0.00	46.26 0.37 0.00	46.90 0.37 0.00	49.49 0.59 0.00	54.63 1.18 0.00	56.24 -0.06 0.00	60.95 0.60 0.00	65.00 0.71 0.00	58.24 0.00 13.59	62.10 0.33 19.73	85.60 0.95 9.96	109.32 3.78 2.52	127.32 6.74 1.89	144.00 11.04 0.00	198.98 18.58 0.00	255.92 16.56 -9.34	249.31 13.48 -28.41	198.29 11.23 -28.86	168.04 6.57 -24.62	128.30 3.82 -12.25	77.97 0.67 18.23	63.62 -0.72 15.34
WOODARD___115KV_TB2 355635	60.39 -0.43 0.00	53.74 -0.60 0.00	48.43 -0.64 0.00	45.21 -0.69 0.00	45.83 -0.70 0.00	48.22 -0.68 0.00	52.76 -0.69 0.00	55.67 -0.62 0.00	59.87 -0.48 0.00	63.97 -0.32 0.00	71.69 -0.14 0.00	81.43 -0.08 0.00	94.70 0.09 0.00	108.39 0.32 0.00	123.09 0.61 0.00	133.76 0.80 0.00	180.94 0.54 0.00	230.95 0.92 0.00	209.50 2.07 0.00	160.73 2.53 0.00	139.31 2.46 0.00	112.80 0.56 0.00	95.23 -0.29 0.00	79.36 -0.32 0.00
WOODMERE_69_KV_BK1 55827	63.07 2.25 0.00	55.97 1.63 0.00	50.54 1.47 0.00	47.04 1.15 0.00	47.60 1.07 0.00	50.18 1.27 0.00	55.17 1.71 0.00	57.42 1.13 0.00	62.04 1.69 0.00	66.16 1.86 0.00	72.18 1.72 1.38	81.83 2.36 2.05	97.07 3.50 1.04	113.85 6.05 0.27	134.02 9.19 -2.36	146.26 13.30 0.00	200.24 19.84 0.00	260.98 21.62 -9.34	253.26 17.42 -28.41	210.60 12.81 -39.59	178.42 8.90 -32.67	135.16 6.29 -16.63	99.81 3.06 -1.23	86.66 1.12 -5.86
YORK___WARBASSE 23770	61.43 0.61 0.00	54.88 0.54 0.00	50.24 1.18 0.00	47.27 1.38 0.00	47.79 1.26 0.00	49.88 0.98 0.00	54.42 0.96 0.00	57.19 0.90 0.00	61.68 1.33 0.00	65.83 1.54 0.00	73.27 1.44 0.00	83.38 1.87 0.00	66.03 2.84 31.42	74.07 5.30 39.29	114.91 7.96 15.53	125.35 10.24 17.85	178.03 15.15 17.52	251.02 17.48 -3.52	212.98 13.69 8.14	145.24 9.97 22.93	91.13 7.53 53.24	66.29 5.16 51.12	63.18 2.77 35.11	60.85 0.40 19.23