

# Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										06/25/2025		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
59TH STREET_GT_1	24138	74.51	70.46	65.64	61.00	60.57	61.61	62.69	69.03	73.63	78.63	78.70	84.69	102.09	125.33	155.34	176.78	220.34	262.04	263.59	218.70	152.17	107.06	80.55	69.69				
		5.65	5.52	4.92	4.52	4.38	4.46	5.18	5.70	6.20	7.08	8.22	8.97	11.17	14.07	16.46	19.06	23.28	24.81	26.52	22.72	13.70	9.29	6.65	5.52				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	0.28	0.62	-1.37	-16.91	-26.25	-34.23	-52.10	-31.48	-12.73	-16.17	-4.90	0.00	0.00				
74TH STREET_GT_1	24260	74.51	70.46	65.64	61.00	60.57	61.50	62.58	68.84	73.43	78.42	80.21	84.59	104.06	127.05	154.73	178.34	219.53	263.92	265.05	218.15	152.05	107.20	80.48	69.62				
		5.65	5.52	4.92	4.52	4.38	4.34	5.06	5.51	6.00	6.87	8.14	8.59	10.89	13.74	15.85	18.80	22.47	24.44	26.32	22.17	13.58	9.29	6.58	5.45				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.62	-3.42	-16.92	-28.08	-34.24	-54.35	-33.14	-12.73	-16.17	-5.04	0.00	0.00				
74TH STREET_GT_2	24261	74.51	70.46	65.64	61.00	60.57	61.50	62.58	68.84	73.43	78.42	80.21	84.59	104.06	127.05	154.73	178.34	219.53	263.92	265.05	218.15	152.05	107.20	80.48	69.62				
		5.65	5.52	4.92	4.52	4.38	4.34	5.06	5.51	6.00	6.87	8.14	8.59	10.89	13.74	15.85	18.80	22.47	24.44	26.32	22.17	13.58	9.29	6.58	5.45				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.62	-3.42	-16.92	-28.08	-34.24	-54.35	-33.14	-12.73	-16.17	-5.04	0.00	0.00				
ADK HUDSON___FALLS	24011	74.23	69.94	65.10	60.16	59.73	61.04	61.37	67.70	72.22	76.41	77.05	81.70	105.00	132.14	171.46	199.22	244.02	297.61	359.21	251.95	199.99	122.20	79.82	68.60				
		5.37	5.00	4.37	3.67	3.54	3.89	3.85	4.37	4.79	4.87	4.97	5.70	6.77	8.13	8.90	9.07	12.05	14.25	17.48	16.31	11.25	8.64	5.91	4.43				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-6.67	-14.11	-40.60	-58.68	-69.15	-98.23	-136.14	-52.39	-66.44	-20.69	0.00	0.00				
ADK RESOURCE___RCVRY	23798	74.71	70.33	65.40	60.38	59.84	61.38	61.66	68.09	72.62	76.84	77.26	82.15	105.38	132.45	171.40	198.80	243.92	297.51	359.83	252.66	200.58	122.76	80.41	68.98				
		5.85	5.39	4.68	3.89	3.65	4.23	4.14	4.75	5.19	5.29	5.19	6.15	7.33	8.80	9.52	9.47	12.86	15.18	18.90	17.77	12.23	9.29	6.51	4.82				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-6.51	-13.76	-39.92	-57.87	-68.24	-97.20	-135.33	-51.64	-66.05	-20.60	0.00	0.00				
ADK S GLENS___FALLS	24028	74.23	69.94	65.10	60.16	59.73	61.04	61.37	67.70	72.22	76.41	77.05	81.70	105.00	132.14	171.46	199.22	244.02	297.61	359.21	251.95	199.99	122.20	79.82	68.60				
		5.37	5.00	4.37	3.67	3.54	3.89	3.85	4.37	4.79	4.87	4.97	5.70	6.77	8.13	8.90	9.07	12.05	14.25	17.48	16.31	11.25	8.64	5.91	4.43				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-6.67	-14.11	-40.60	-58.68	-69.15	-98.23	-136.14	-52.39	-66.44	-20.69	0.00	0.00				
ADK_NYS___DAM	23527	72.72	68.71	64.19	59.65	59.11	60.35	60.91	67.13	71.48	75.62	76.76	81.01	107.92	139.02	184.83	215.25	261.39	316.62	360.09	260.98	198.85	119.96	78.64	67.70				
		3.85	3.77	3.46	3.16	2.92	3.20	3.39	3.80	4.05	4.08	4.68	5.01	6.50	8.25	9.39	9.86	12.54	14.62	16.05	13.75	9.18	6.87	4.73	3.53				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-9.87	-20.87	-53.48	-73.92	-86.03	-116.87	-138.45	-63.98	-67.38	-20.22	0.00	0.00				
AIR_PRODUCTS___DRP	24190	69.76	65.92	61.82	57.50	57.09	58.13	58.55	64.41	68.51	72.48	73.56	77.75	78.19	79.82	72.66	80.71	110.18	143.80	153.02	120.98	97.51	89.66	75.09	65.07				
		0.90	0.97	1.09	1.02	0.90	0.97	1.04	1.08	1.08	0.93	1.51	1.75	2.38	3.19	3.78	4.08	5.05	6.11	6.37	4.95	3.18	2.32	1.18	0.90				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	15.74	33.26	53.08	54.83	57.68	47.44	58.95	67.22	27.97	5.53	0.00	0.00				
AKWESSNE_115KV_BK	355683	67.69	63.90	59.88	55.86	55.80	56.53	56.77	62.51	66.55	70.40	70.19	73.34	87.98	105.17	116.83	129.93	155.49	177.35	196.96	175.55	117.04	89.16	72.06	63.21				
		-1.17	-1.04	-0.85	-0.62	-0.39	-0.63	-0.75	-0.82	-0.88	-1.14	-1.87	-2.66	-3.57	-4.73	-5.12	-6.18	-7.33	-7.78	-8.63	-7.70	-5.26	-3.71	-1.85	-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	0.00	-4.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
ALBANY_1_SOLAR	323833	70.24	66.44	62.24	57.73	57.20	58.36	58.55	64.16	68.04	71.82	72.62	75.94	76.89	78.84	73.52	81.19	102.91	127.72	129.43	122.12	95.32	89.08	75.18	65.26				
		1.38	1.49	1.52	1.24	1.01	1.20	1.04	0.82	0.61	0.29	0.57	0.99	1.38	1.98	2.44	2.37	3.42	4.63	5.55	5.12	3.42	2.69	1.62	1.09				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	1.05	16.03	33.03	50.88	52.64	63.34	62.04	81.72	66.26	30.40	6.49	0.35	0.00				
ALBANY_2_SOLAR	323834	70.24	66.37	62.24	57.73	57.20	58.36	58.49	64.10	67.97	71.82	72.62	75.94	76.92	78.90	73.63	81.33	103.06	127.71	129.62	122.07	95.41	89.00	75.11	65.26				
		1.38	1.43	1.52	1.24	1.01	1.20	0.98	0.76	0.54	0.29	0.57	0.99	1.38	1.98	2.44	2.37	3.42	4.44	5.55	4.95	3.42	2.60	1.55	1.09				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	1.05	16.00	32.98	50.77	52.51	63.19	61.86	81.53	66.12	30.31	6.47	0.35	0.00				
ALBANY___1	23571	69.76	65.92	61.82	57.50	57.09	58.13	58.55	64.41	68.51	72.48	73.56	77.75	78.19	79.82	72.66	80.71	110.18	143.80	153.02	120.98	97.51	89.66	75.09	65.07				
		0.90	0.97	1.09	1.02	0.90	0.97	1.04	1.08	1.08	0.93	1.51	1.75	2.38	3.19	3.78	4.08	5.05	6.11	6.37	4.95	3.18	2.32	1.18	0.90				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	15.74	33.26	53.08	54.83	57.68	47.44	58.95	67.22	27.97	5.53	0.00	0.00				



ALBANY___2 23572	69.76 0.90 0.00	65.92 0.97 0.00	61.82 1.09 0.00	57.50 1.02 0.00	57.09 0.90 0.00	58.13 0.97 0.00	58.55 1.04 0.00	64.41 1.08 0.00	68.51 1.08 0.00	72.48 0.93 0.00	73.56 1.51 0.02	77.75 1.75 0.00	78.19 2.38 15.74	79.82 3.19 33.26	72.66 3.78 53.08	80.71 4.08 54.83	110.18 5.05 57.68	143.80 6.11 47.44	153.02 6.37 58.95	120.98 4.95 67.22	97.51 3.18 27.97	89.66 2.32 5.53	75.09 1.18 0.00	65.07 0.90 0.00
ALBANY___3 23573	69.76 0.90 0.00	65.92 0.97 0.00	61.82 1.09 0.00	57.50 1.02 0.00	57.09 0.90 0.00	58.13 0.97 0.00	58.55 1.04 0.00	64.41 1.08 0.00	68.51 1.08 0.00	72.48 0.93 0.00	73.56 1.51 0.02	77.75 1.75 0.00	78.19 2.38 15.74	79.82 3.19 33.26	72.66 3.78 53.08	80.71 4.08 54.83	110.18 5.05 57.68	143.80 6.11 47.44	153.02 6.37 58.95	120.98 4.95 67.22	97.51 3.18 27.97	89.66 2.32 5.53	75.09 1.18 0.00	65.07 0.90 0.00
ALBANY___4 23574	69.76 0.90 0.00	65.92 0.97 0.00	61.82 1.09 0.00	57.50 1.02 0.00	57.09 0.90 0.00	58.13 0.97 0.00	58.55 1.04 0.00	64.41 1.08 0.00	68.51 1.08 0.00	72.48 0.93 0.00	73.56 1.51 0.02	77.75 1.75 0.00	78.19 2.38 15.74	79.82 3.19 33.26	72.66 3.78 53.08	80.71 4.08 54.83	110.18 5.05 57.68	143.80 6.11 47.44	153.02 6.37 58.95	120.98 4.95 67.22	97.51 3.18 27.97	89.66 2.32 5.53	75.09 1.18 0.00	65.07 0.90 0.00
ALBANY___LFGE 323615	70.79 1.93 0.00	66.83 1.88 0.00	62.61 1.88 0.00	58.18 1.69 0.00	57.65 1.46 0.00	58.87 1.71 0.00	59.24 1.72 0.00	65.23 1.90 0.00	69.45 2.02 0.00	73.48 1.93 0.00	74.52 2.45 0.00	78.96 2.96 0.00	96.82 3.84 -1.43	117.87 4.95 -3.02	146.06 5.61 -18.49	168.99 5.78 -31.75	209.32 7.49 -39.01	257.16 8.70 -63.32	289.66 9.26 -74.80	211.97 7.70 -21.03	163.84 4.90 -36.64	108.56 3.72 -11.97	76.20 2.29 0.00	65.96 1.79 0.00
ALCOA_PA_115KV_PL-6C 55860	67.90 -0.96 0.00	64.03 -0.91 0.00	60.00 -0.73 0.00	55.98 -0.51 0.00	55.91 -0.28 0.00	56.70 -0.46 0.00	56.94 -0.58 0.00	62.70 -0.63 0.00	66.69 -0.74 0.00	70.62 -0.93 0.00	70.34 -1.73 0.00	72.81 -3.19 0.00	87.15 -4.39 0.00	104.07 -5.82 0.00	115.62 -6.34 0.00	131.65 -7.49 -7.68	153.87 -8.96 0.00	175.50 -9.63 0.00	195.11 -10.49 0.00	173.90 -9.35 0.00	116.06 -6.24 0.00	88.51 -4.36 0.00	72.20 -1.70 0.00	63.33 -0.83 0.00
ALCOA_RYNLDS___DRP 24188	67.90 -0.96 0.00	64.03 -0.91 0.00	60.00 -0.73 0.00	55.98 -0.51 0.00	55.91 -0.28 0.00	56.70 -0.46 0.00	56.94 -0.58 0.00	62.70 -0.63 0.00	66.69 -0.74 0.00	70.62 -0.93 0.00	70.34 -1.73 0.00	72.81 -3.19 0.00	87.15 -4.39 0.00	104.07 -5.82 0.00	115.62 -6.34 0.00	131.65 -7.49 -7.68	153.87 -8.96 0.00	175.50 -9.63 0.00	195.11 -10.49 0.00	173.90 -9.35 0.00	116.06 -6.24 0.00	88.51 -4.36 0.00	72.20 -1.70 0.00	63.33 -0.83 0.00
ALCOA___DSASP 323711	67.83 -1.03 0.00	64.03 -0.91 0.00	60.00 -0.73 0.00	55.98 -0.51 0.00	56.08 -0.11 0.00	56.58 -0.57 0.00	57.00 -0.52 0.00	62.70 -0.63 0.00	66.69 -0.74 0.00	70.62 -0.93 0.00	70.48 -1.59 0.00	72.81 -3.19 0.00	87.15 -4.39 0.00	104.07 -5.83 0.00	115.61 -6.35 0.00	132.04 -7.10 -7.68	153.87 -8.95 0.00	175.50 -9.63 0.00	195.12 -10.48 0.00	173.91 -9.34 0.00	116.07 -6.23 0.00	88.51 -4.36 0.00	72.13 -1.77 0.00	63.33 -0.84 0.00
ALLEGHENY___COGEN 23514	71.07 2.20 0.00	66.31 1.37 0.00	60.91 0.18 0.00	56.54 0.06 0.00	55.74 -0.45 0.00	57.04 -0.11 0.00	57.00 -0.52 0.00	62.26 -1.08 0.00	65.47 -1.96 0.00	69.26 -2.29 0.00	69.83 -2.23 0.00	74.55 -1.45 0.00	89.45 -2.10 0.00	100.78 -9.12 0.00	112.37 -11.34 -1.75	123.06 -11.83 -3.43	153.14 -14.00 -4.33	179.19 -13.51 -7.57	196.56 -12.95 -3.91	175.48 -8.61 -0.84	121.41 -2.81 -1.92	96.58 3.06 -0.65	76.78 2.88 0.00	65.32 1.16 0.00
ALTAMONT_115KV_TB 2 55880	70.65 1.79 0.00	66.76 1.82 0.00	62.55 1.82 0.00	58.12 1.64 0.00	57.71 1.52 0.00	58.76 1.60 0.00	59.18 1.67 0.00	65.04 1.71 0.00	69.18 1.75 0.00	73.34 1.79 0.00	74.43 2.38 0.01	78.64 2.58 -0.06	86.46 3.39 8.47	96.23 4.29 17.95	103.79 4.88 23.05	118.21 5.26 18.52	152.66 6.51 16.68	192.63 7.59 0.09	201.07 8.43 12.95	157.85 7.15 32.54	120.61 4.65 6.34	96.27 3.44 0.03	76.14 2.22 -0.02	65.84 1.67 0.00
ALTONA_WT_PWR 323606	66.59 -2.27 0.00	62.41 -2.53 0.00	58.60 -2.13 0.00	55.08 -1.41 0.00	55.29 -0.90 0.00	55.56 -1.60 0.00	56.42 -1.09 0.00	61.75 -1.58 0.00	65.75 -1.68 0.00	69.62 -1.93 0.00	69.61 -2.45 0.00	72.58 -3.42 0.00	86.97 -4.57 0.00	104.07 -5.83 0.00	115.37 -6.59 0.00	124.11 -7.36 0.00	153.37 -9.45 0.00	174.95 -10.18 0.00	194.29 -11.31 0.00	173.17 -10.08 0.00	115.45 -6.85 0.00	87.95 -4.93 0.00	70.94 -2.96 0.00	62.31 -1.86 0.00
AMERICAN_REF_FUEL 24010	68.38 -0.48 0.00	63.97 -0.97 0.00	57.87 -2.85 0.00	54.28 -2.20 0.00	52.82 -3.37 0.00	54.01 -3.14 0.00	53.89 -3.62 0.00	58.65 -4.69 0.00	62.44 -4.99 0.00	67.04 -4.51 0.00	67.96 -4.10 0.00	72.81 -3.19 0.00	87.15 -4.39 0.00	103.96 -5.94 0.00	114.63 -8.90 -1.57	124.42 -10.12 -3.08	153.83 -12.87 -3.88	177.28 -14.63 -6.78	191.57 -17.48 -3.46	172.45 -11.54 -0.74	118.13 -5.87 -1.70	88.80 -4.64 -0.57	71.39 -2.51 0.00	61.53 -2.63 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	70.51 1.65 0.00	65.98 1.04 0.00	60.30 -0.42 0.00	56.03 -0.45 0.00	55.12 -1.07 0.00	56.58 -0.57 0.00	56.65 -0.86 0.00	62.20 -1.14 0.00	66.42 -1.01 0.00	71.26 -0.29 0.00	72.28 0.22 0.00	77.21 1.21 0.00	92.73 1.19 0.00	111.11 1.21 0.00	122.64 -1.10 -1.78	133.63 -1.31 -3.48	165.91 -1.31 -4.40	190.96 -1.85 -7.68	208.13 -1.43 -3.97	186.31 2.21 -0.85	127.55 3.30 -1.95	95.38 1.86 -0.66	75.90 2.00 0.00	64.74 0.58 0.00
ARTHUR KILL_GT_1 23520	62.58 5.03 11.31	61.57 4.87 8.24	60.94 4.19 3.97	60.61 4.12 0.00	60.36 4.16 -0.01	60.33 3.54 0.37	60.38 4.20 1.33	60.75 4.62 7.21	61.44 5.19 11.19	63.52 6.15 14.18	68.32 7.28 11.02	73.27 7.60 10.33	92.88 9.80 8.46	123.07 11.98 -1.20	148.02 13.78 -12.28	188.74 16.83 -40.44	217.41 20.35 -34.24	276.35 21.66 -69.56	273.02 23.03 -44.40	215.40 19.42 -12.73	145.45 11.86 -11.29	96.56 7.62 3.92	67.00 5.47 12.37	64.29 4.75 4.63
ARTHUR_KILL_2 23512	62.24 4.68 11.31	61.24 4.54 8.24	60.64 3.89 3.97	60.33 3.84 0.00	59.57 3.37 -0.01	60.04 3.26 0.37	60.04 3.85 1.33	60.12 3.99 7.21	60.76 4.52 11.19	62.80 5.43 14.18	67.60 6.56 11.02	72.81 7.14 10.33	91.97 8.88 8.46	122.63 11.54 -1.20	147.29 13.06 -12.28	187.68 15.77 -40.44	216.59 19.53 -34.24	274.87 20.18 -69.56	271.78 21.78 -44.40	214.30 18.32 -12.73	144.72 11.13 -11.29	96.75 7.80 3.92	66.62 5.10 12.37	64.03 4.49 4.63
ARTHUR_KILL_3 23513	62.02 4.47 11.32	61.17 4.48 8.25	60.75 4.01 3.98	60.15 3.67 0.01	59.45 3.26 0.00	60.32 3.54 0.38	60.32 4.14 1.34	60.75 4.62 7.21	61.17 4.92 11.18	63.02 5.65 14.18	63.02 6.63 15.67	71.11 7.22 12.11	85.74 9.24 15.05	117.03 11.98 4.84	148.00 13.78 -12.27	183.12 16.30 -35.36	216.91 19.86 -34.24	269.71 21.28 -63.30	268.39 23.02 -39.77	215.02 19.06 -12.72	144.96 11.38 -11.28	96.38 7.80 4.29	66.99 5.47 12.38	63.96 4.42 4.63



ARTHUR_KILL_COGEN 323718	62.58 5.02 11.31	61.57 4.87 8.24	60.94 4.19 3.97	60.61 4.12 0.00	59.85 3.65 -0.01	60.27 3.49 0.37	60.27 4.08 1.33	60.43 4.31 7.21	61.10 4.86 11.19	63.09 5.73 14.18	67.96 6.92 11.02	73.20 7.53 10.33	92.43 9.34 8.46	123.18 12.09 -1.20	147.89 13.66 -12.28	188.47 16.56 -40.44	217.58 20.52 -34.24	275.97 21.28 -69.56	273.02 23.02 -44.40	215.59 19.62 -12.73	145.45 11.86 -11.29	97.31 8.36 3.92	67.07 5.55 12.37	64.36 4.82 4.63
ASHOKAN____ 23654	73.89 5.02 0.00	69.42 4.48 0.00	64.73 4.01 0.00	59.99 3.50 0.00	59.34 3.14 0.00	60.30 3.14 0.00	60.39 2.87 0.00	66.19 2.85 0.00	69.93 2.50 0.00	73.89 2.36 0.02	75.72 3.67 0.01	83.16 8.14 0.98	89.94 10.34 11.95	98.38 12.96 24.47	101.25 14.26 34.97	113.49 16.03 34.01	141.75 21.16 42.23	171.12 24.63 38.63	173.56 27.56 59.59	159.06 23.65 47.84	117.46 15.53 20.38	99.90 11.14 4.11	81.41 7.83 0.32	68.59 4.42 0.00
ASTORIA_EAST_ENERGY_CC1 323581	73.69 4.82 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	59.73 3.54 0.00	60.53 3.37 0.00	61.48 3.97 0.00	67.64 4.31 0.00	72.29 4.86 0.00	77.20 5.65 0.00	77.23 6.63 1.46	82.81 7.07 0.26	100.17 9.07 0.44	124.86 12.41 -2.55	152.66 13.78 -16.93	178.25 16.83 -29.95	221.85 20.02 -39.01	263.13 20.91 -57.08	264.40 22.82 -35.98	218.74 18.88 -16.61	151.85 11.62 -17.92	106.42 8.45 -5.10	79.66 5.77 0.01	69.18 5.01 0.00
ASTORIA_EAST_ENERGY_CC2 323582	73.69 4.82 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	59.73 3.54 0.00	60.53 3.37 0.00	61.48 3.97 0.00	67.64 4.31 0.00	72.29 4.86 0.00	77.20 5.65 0.00	77.23 6.63 1.46	82.81 7.07 0.26	100.17 9.07 0.44	124.86 12.41 -2.55	152.66 13.78 -16.93	178.25 16.83 -29.95	221.85 20.02 -39.01	263.13 20.91 -57.08	264.40 22.82 -35.98	218.74 18.88 -16.61	151.85 11.62 -17.92	106.42 8.45 -5.10	79.66 5.77 0.01	69.18 5.01 0.00
ASTORIA_GT2_1 24094	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	60.29 4.10 0.00	60.76 3.60 0.00	61.71 4.20 0.00	68.02 4.69 0.00	72.42 4.99 0.00	77.41 5.87 0.00	77.60 6.99 1.46	82.89 7.14 0.26	100.45 9.34 0.44	124.65 12.20 -2.55	152.79 13.90 -16.93	178.38 16.96 -29.95	221.86 20.03 -39.01	263.32 21.10 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.84 11.62 -17.92	106.14 8.17 -5.10	79.59 5.69 0.01	69.17 5.01 0.00
ASTORIA_GT2_2 24095	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	60.29 4.10 0.00	60.76 3.60 0.00	61.71 4.20 0.00	68.02 4.69 0.00	72.42 4.99 0.00	77.41 5.87 0.00	77.60 6.99 1.46	82.89 7.14 0.26	100.45 9.34 0.44	124.65 12.20 -2.55	152.79 13.90 -16.93	178.38 16.96 -29.95	221.86 20.03 -39.01	263.32 21.10 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.84 11.62 -17.92	106.14 8.17 -5.10	79.59 5.69 0.01	69.17 5.01 0.00
ASTORIA_GT2_3 24096	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	60.29 4.10 0.00	60.76 3.60 0.00	61.71 4.20 0.00	68.02 4.69 0.00	72.42 4.99 0.00	77.41 5.87 0.00	77.60 6.99 1.46	82.89 7.14 0.26	100.45 9.34 0.44	124.65 12.20 -2.55	152.79 13.90 -16.93	178.38 16.96 -29.95	221.86 20.03 -39.01	263.32 21.10 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.84 11.62 -17.92	106.14 8.17 -5.10	79.59 5.69 0.01	69.17 5.01 0.00
ASTORIA_GT2_4 24097	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	60.29 4.10 0.00	60.76 3.60 0.00	61.71 4.20 0.00	68.02 4.69 0.00	72.42 4.99 0.00	77.41 5.87 0.00	77.60 6.99 1.46	82.89 7.14 0.26	100.45 9.34 0.44	124.65 12.20 -2.55	152.79 13.90 -16.93	178.38 16.96 -29.95	221.86 20.03 -39.01	263.32 21.10 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.84 11.62 -17.92	106.14 8.17 -5.10	79.59 5.69 0.01	69.17 5.01 0.00
ASTORIA_GT3_1 24098	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	60.29 4.10 0.00	60.76 3.60 0.00	61.71 4.20 0.00	68.02 4.69 0.00	72.42 4.99 0.00	77.41 5.87 0.00	77.60 6.99 1.46	82.89 7.14 0.26	100.45 9.34 0.44	124.65 12.20 -2.55	152.79 13.90 -16.93	178.38 16.96 -29.95	221.86 20.03 -39.01	263.32 21.10 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.84 11.62 -17.92	106.14 8.17 -5.10	79.59 5.69 0.01	69.17 5.01 0.00
ASTORIA_GT3_2 24099	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	60.29 4.10 0.00	60.76 3.60 0.00	61.71 4.20 0.00	68.02 4.69 0.00	72.42 4.99 0.00	77.41 5.87 0.00	77.60 6.99 1.46	82.89 7.14 0.26	100.45 9.34 0.44	124.65 12.20 -2.55	152.79 13.90 -16.93	178.38 16.96 -29.95	221.86 20.03 -39.01	263.32 21.10 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.84 11.62 -17.92	106.14 8.17 -5.10	79.59 5.69 0.01	69.17 5.01 0.00
ASTORIA_GT3_3 24100	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	60.29 4.10 0.00	60.76 3.60 0.00	61.71 4.20 0.00	68.02 4.69 0.00	72.42 4.99 0.00	77.41 5.87 0.00	77.60 6.99 1.46	82.89 7.14 0.26	100.45 9.34 0.44	124.65 12.20 -2.55	152.79 13.90 -16.93	178.38 16.96 -29.95	221.86 20.03 -39.01	263.32 21.10 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.84 11.62 -17.92	106.14 8.17 -5.10	79.59 5.69 0.01	69.17 5.01 0.00
ASTORIA_GT3_4 24101	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	60.29 4.10 0.00	60.76 3.60 0.00	61.71 4.20 0.00	68.02 4.69 0.00	72.42 4.99 0.00	77.41 5.87 0.00	77.60 6.99 1.46	82.89 7.14 0.26	100.45 9.34 0.44	124.65 12.20 -2.55	152.79 13.90 -16.93	178.38 16.96 -29.95	221.86 20.03 -39.01	263.32 21.10 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.84 11.62 -17.92	106.14 8.17 -5.10	79.59 5.69 0.01	69.17 5.01 0.00
ASTORIA_GT4_1 24102	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	60.29 4.10 0.00	60.76 3.60 0.00	61.71 4.20 0.00	68.02 4.69 0.00	72.42 4.99 0.00	77.41 5.87 0.00	77.60 6.99 1.46	82.89 7.14 0.26	100.45 9.34 0.44	124.65 12.20 -2.55	152.79 13.90 -16.93	178.38 16.96 -29.95	221.86 20.03 -39.01	263.32 21.10 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.84 11.62 -17.92	106.14 8.17 -5.10	79.59 5.69 0.01	69.17 5.01 0.00
ASTORIA_GT4_2 24103	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	60.29 4.10 0.00	60.76 3.60 0.00	61.71 4.20 0.00	68.02 4.69 0.00	72.42 4.99 0.00	77.41 5.87 0.00	77.60 6.99 1.46	82.89 7.14 0.26	100.45 9.34 0.44	124.65 12.20 -2.55	152.79 13.90 -16.93	178.38 16.96 -29.95	221.86 20.03 -39.01	263.32 21.10 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.84 11.62 -17.92	106.14 8.17 -5.10	79.59 5.69 0.01	69.17 5.01 0.00
ASTORIA_GT4_3 24104	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	60.29 4.10 0.00	60.76 3.60 0.00	61.71 4.20 0.00	68.02 4.69 0.00	72.42 4.99 0.00	77.41 5.87 0.00	77.60 6.99 1.46	82.89 7.14 0.26	100.45 9.34 0.44	124.65 12.20 -2.55	152.79 13.90 -16.93	178.38 16.96 -29.95	221.86 20.03 -39.01	263.32 21.10 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.84 11.62 -17.92	106.14 8.17 -5.10	79.59 5.69 0.01	69.17 5.01 0.00



ASTORIA_GT4_4 24105	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	60.29 4.10 0.00	60.76 3.60 0.00	61.71 4.20 0.00	68.02 4.69 0.00	72.42 4.99 0.00	77.41 5.87 0.00	77.60 6.99 1.46	82.89 7.14 0.26	100.45 9.34 0.44	124.65 12.20 -2.55	152.79 13.90 -16.93	178.38 16.96 -29.95	221.86 20.03 -39.01	263.32 21.10 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.84 11.62 -17.92	106.14 8.17 -5.10	79.59 5.69 0.01	69.17 5.01 0.00
ASTORIA_GT_1 23523	73.97 5.10 -0.01	69.95 5.00 -0.01	64.98 4.25 0.00	60.67 4.18 0.00	60.41 4.21 0.00	60.87 3.72 0.00	61.89 4.37 0.00	68.21 4.88 0.00	72.62 5.19 0.00	77.63 6.08 0.00	77.89 7.28 1.46	83.12 7.37 0.26	100.81 9.70 0.44	125.09 12.64 -2.55	153.27 14.39 -16.93	178.90 17.48 -29.95	222.51 20.68 -39.01	263.87 21.66 -57.08	265.02 23.44 -35.98	219.65 19.79 -16.61	152.33 12.11 -17.92	106.51 8.54 -5.10	79.81 5.91 0.01	69.37 5.20 0.00
ASTORIA_GT_10 24110	73.75 4.89 0.00	69.75 4.81 0.00	64.92 4.19 0.00	60.55 4.07 0.00	60.24 4.05 0.00	60.93 3.77 0.00	61.95 4.43 0.00	68.09 4.75 0.00	72.62 5.19 0.00	77.56 6.01 0.00	71.15 7.35 8.26	83.34 7.37 0.03	90.98 9.52 10.09	114.78 12.20 7.31	152.78 13.90 -16.92	166.58 16.96 -18.16	216.93 19.86 -34.24	248.75 21.48 -42.15	252.52 22.82 -24.10	215.03 19.06 -12.73	149.96 11.50 -16.17	104.63 7.71 -4.05	79.29 5.39 0.01	68.92 4.75 0.00
ASTORIA_GT_11 24225	73.75 4.89 0.00	69.75 4.81 0.00	64.92 4.19 0.00	60.55 4.07 0.00	60.24 4.05 0.00	60.93 3.77 0.00	61.95 4.43 0.00	68.09 4.75 0.00	72.62 5.19 0.00	77.56 6.01 0.00	71.15 7.35 8.26	83.34 7.37 0.03	90.98 9.52 10.09	114.78 12.20 7.31	152.78 13.90 -16.92	166.58 16.96 -18.16	216.93 19.86 -34.24	248.75 21.48 -42.15	252.52 22.82 -24.10	215.03 19.06 -12.73	149.96 11.50 -16.17	104.63 7.71 -4.05	79.29 5.39 0.01	68.92 4.75 0.00
ASTORIA_GT_12 24226	73.75 4.89 0.00	69.75 4.81 0.00	64.92 4.19 0.00	60.55 4.07 0.00	60.24 4.05 0.00	60.93 3.77 0.00	61.95 4.43 0.00	68.09 4.75 0.00	72.62 5.19 0.00	77.56 6.01 0.00	71.15 7.35 8.26	83.34 7.37 0.03	90.98 9.52 10.09	114.78 12.20 7.31	152.78 13.90 -16.92	166.58 16.96 -18.16	216.93 19.86 -34.24	248.75 21.48 -42.15	252.52 22.82 -24.10	215.03 19.06 -12.73	149.96 11.50 -16.17	104.63 7.71 -4.05	79.29 5.39 0.01	68.92 4.75 0.00
ASTORIA_GT_13 24227	73.75 4.89 0.00	69.75 4.81 0.00	64.92 4.19 0.00	60.55 4.07 0.00	60.24 4.05 0.00	60.93 3.77 0.00	61.95 4.43 0.00	68.09 4.75 0.00	72.62 5.19 0.00	77.56 6.01 0.00	71.15 7.35 8.26	83.34 7.37 0.03	90.98 9.52 10.09	114.78 12.20 7.31	152.78 13.90 -16.92	166.58 16.96 -18.16	216.93 19.86 -34.24	248.75 21.48 -42.15	252.52 22.82 -24.10	215.03 19.06 -12.73	149.96 11.50 -16.17	104.63 7.71 -4.05	79.29 5.39 0.01	68.92 4.75 0.00
ASTORIA_GT_5 24106	73.97 5.10 -0.01	69.95 5.00 -0.01	64.98 4.25 0.00	60.67 4.18 0.00	60.41 4.21 0.00	60.87 3.72 0.00	61.89 4.37 0.00	68.21 4.88 0.00	72.62 5.19 0.00	77.63 6.08 0.00	77.89 7.28 1.46	83.12 7.37 0.26	100.81 9.70 0.44	125.09 12.64 -2.55	153.27 14.39 -16.93	178.90 17.48 -29.95	222.51 20.68 -39.01	263.87 21.66 -57.08	265.02 23.44 -35.98	219.65 19.79 -16.61	152.33 12.11 -17.92	106.51 8.54 -5.10	79.81 5.91 0.01	69.37 5.20 0.00
ASTORIA_GT_7 24107	73.97 5.10 -0.01	69.95 5.00 -0.01	64.98 4.25 0.00	60.67 4.18 0.00	60.41 4.21 0.00	60.87 3.72 0.00	61.89 4.37 0.00	68.21 4.88 0.00	72.62 5.19 0.00	77.63 6.08 0.00	77.89 7.28 1.46	83.12 7.37 0.26	100.81 9.70 0.44	125.09 12.64 -2.55	153.27 14.39 -16.93	178.90 17.48 -29.95	222.51 20.68 -39.01	263.87 21.66 -57.08	265.02 23.44 -35.98	219.65 19.79 -16.61	152.33 12.11 -17.92	106.51 8.54 -5.10	79.81 5.91 0.01	69.37 5.20 0.00
ASTORIA_GT_8 24108	73.97 5.10 -0.01	69.95 5.00 -0.01	64.98 4.25 0.00	60.67 4.18 0.00	60.41 4.21 0.00	60.87 3.72 0.00	61.89 4.37 0.00	68.21 4.88 0.00	72.62 5.19 0.00	77.63 6.08 0.00	77.89 7.28 1.46	83.12 7.37 0.26	100.81 9.70 0.44	125.09 12.64 -2.55	153.27 14.39 -16.93	178.90 17.48 -29.95	222.51 20.68 -39.01	263.87 21.66 -57.08	265.02 23.44 -35.98	219.65 19.79 -16.61	152.33 12.11 -17.92	106.51 8.54 -5.10	79.81 5.91 0.01	69.37 5.20 0.00
ASTORIA___2 24149	73.76 4.89 -0.01	69.76 4.81 -0.01	64.79 4.07 0.00	60.50 4.01 0.00	59.79 3.60 0.00	60.58 3.43 0.00	61.48 3.97 0.00	67.64 4.31 0.00	72.29 4.86 0.00	77.20 5.65 0.00	77.30 6.70 1.46	82.81 7.07 0.26	100.17 9.07 0.44	124.86 12.41 -2.55	152.78 13.90 -16.93	178.25 16.83 -29.95	221.85 20.02 -39.01	263.13 20.91 -57.08	264.40 22.82 -35.98	218.92 19.06 -16.61	151.85 11.62 -17.92	106.42 8.45 -5.10	79.73 5.84 0.01	69.18 5.01 0.00
ASTORIA___3 23516	73.75 4.89 0.00	69.75 4.81 0.00	64.91 4.19 0.00	60.56 4.07 0.00	59.84 3.65 0.00	60.87 3.71 0.00	61.77 4.26 0.00	67.90 4.56 0.00	72.49 5.06 0.00	77.42 5.87 0.00	70.79 6.99 8.26	83.34 7.37 0.03	90.70 9.24 10.09	115.00 12.41 7.31	152.65 13.78 -16.92	166.45 16.83 -18.16	216.92 19.86 -34.24	248.74 21.47 -42.15	252.72 23.02 -24.10	215.03 19.06 -12.73	149.96 11.49 -16.17	104.91 7.99 -4.05	79.36 5.47 0.01	68.92 4.75 0.00
ASTORIA___4 23517	73.75 4.89 0.00	69.75 4.81 0.00	64.92 4.19 0.00	60.55 4.07 0.00	60.24 4.05 0.00	60.93 3.77 0.00	61.95 4.43 0.00	68.09 4.75 0.00	72.62 5.19 0.00	77.56 6.01 0.00	71.15 7.35 8.26	83.34 7.37 0.03	90.98 9.52 10.09	114.78 12.20 7.31	152.78 13.90 -16.92	166.58 16.96 -18.16	216.93 19.86 -34.24	248.75 21.48 -42.15	252.52 22.82 -24.10	215.03 19.06 -12.73	149.96 11.50 -16.17	104.63 7.71 -4.05	79.29 5.39 0.01	68.92 4.75 0.00
ASTORIA___5 23518	73.75 4.89 0.00	69.75 4.81 0.00	64.91 4.19 0.00	60.56 4.07 0.00	59.84 3.65 0.00	60.87 3.71 0.00	61.77 4.26 0.00	67.90 4.56 0.00	72.49 5.06 0.00	77.42 5.87 0.00	70.79 6.99 8.26	83.34 7.37 0.03	90.70 9.24 10.09	115.00 12.41 7.31	152.65 13.78 -16.92	166.45 16.83 -18.16	216.92 19.86 -34.24	248.74 21.47 -42.15	252.72 23.02 -24.10	215.03 19.06 -12.73	149.96 11.49 -16.17	104.91 7.99 -4.05	79.36 5.47 0.01	68.92 4.75 0.00
AST_ENERGY_2_CC3 323677	73.68 4.82 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	60.98 3.83 0.00	61.88 4.37 0.00	68.21 4.88 0.00	72.69 5.26 0.00	77.56 6.01 0.00	79.06 6.99 0.00	83.67 7.67 0.00	102.97 9.80 -1.62	125.95 12.63 -3.42	153.26 14.38 -16.92	176.51 16.97 -28.08	217.74 20.68 -34.24	261.68 22.21 -54.35	262.78 24.04 -33.14	216.14 20.16 -12.73	150.58 12.11 -16.17	106.27 8.36 -5.04	79.82 5.91 0.00	68.92 4.75 0.00
AST_ENERGY_2_CC4 323678	73.68 4.82 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	60.98 3.83 0.00	61.88 4.37 0.00	68.21 4.88 0.00	72.69 5.26 0.00	77.56 6.01 0.00	79.06 6.99 0.00	83.67 7.67 0.00	102.97 9.80 -1.62	125.95 12.63 -3.42	153.26 14.38 -16.92	176.51 16.97 -28.08	217.74 20.68 -34.24	261.68 22.21 -54.35	262.78 24.04 -33.14	216.14 20.16 -12.73	150.58 12.11 -16.17	106.27 8.36 -5.04	79.82 5.91 0.00	68.92 4.75 0.00



ATHENS_STG_1 23668	71.27 2.41 0.00	67.41 2.47 0.00	63.16 2.43 0.00	58.69 2.20 0.00	58.16 1.97 0.00	59.38 2.23 0.00	59.76 2.24 0.00	65.80 2.47 0.00	69.99 2.56 0.00	74.34 2.79 0.00	75.45 3.39 0.00	79.87 3.87 0.00	96.49 4.94 0.00	116.27 6.37 0.00	140.31 7.19 -11.16	161.21 7.89 -21.86	200.17 9.77 -27.58	244.06 10.73 -48.20	238.81 11.92 -21.30	197.71 9.89 -4.58	139.11 6.36 -10.46	101.03 4.64 -3.52	77.01 3.10 0.00	66.54 2.38 0.00
ATHENS_STG_2 23670	71.27 2.41 0.00	67.41 2.47 0.00	63.16 2.43 0.00	58.69 2.20 0.00	58.16 1.97 0.00	59.38 2.23 0.00	59.76 2.24 0.00	65.80 2.47 0.00	69.99 2.56 0.00	74.34 2.79 0.00	75.45 3.39 0.00	79.87 3.87 0.00	96.49 4.94 0.00	116.27 6.37 0.00	140.31 7.19 -11.16	161.21 7.89 -21.86	200.17 9.77 -27.58	244.06 10.73 -48.20	238.81 11.92 -21.30	197.71 9.89 -4.58	139.11 6.36 -10.46	101.03 4.64 -3.52	77.01 3.10 0.00	66.54 2.38 0.00
ATHENS_STG_3 23677	71.27 2.41 0.00	67.41 2.47 0.00	63.16 2.43 0.00	58.69 2.20 0.00	58.16 1.97 0.00	59.38 2.23 0.00	59.76 2.24 0.00	65.80 2.47 0.00	69.99 2.56 0.00	74.34 2.79 0.00	75.45 3.39 0.00	79.87 3.87 0.00	96.49 4.94 0.00	116.27 6.37 0.00	140.31 7.19 -11.16	161.21 7.89 -21.86	200.17 9.77 -27.58	244.06 10.73 -48.20	238.81 11.92 -21.30	197.71 9.89 -4.58	139.11 6.36 -10.46	101.03 4.64 -3.52	77.01 3.10 0.00	66.54 2.38 0.00
AUBURN____LFGE 323710	69.76 0.90 0.00	65.53 0.58 0.00	60.85 0.12 0.00	56.54 0.06 0.00	56.02 -0.17 0.00	57.16 0.00 0.00	57.52 0.00 0.00	63.59 0.25 0.00	67.83 0.40 0.00	72.12 0.57 0.00	73.07 1.01 0.00	77.37 1.37 0.00	93.10 1.56 0.00	111.65 1.76 0.00	124.71 1.46 -1.29	135.30 1.97 -1.86	168.29 2.28 -3.19	193.67 2.96 -5.58	211.91 3.50 -2.82	188.07 4.21 -0.61	126.86 3.18 -1.38	95.75 2.41 -0.47	75.60 1.70 0.00	65.00 0.83 0.00
BABYLON_RES_REC 323704	90.98 6.27 -15.86	86.76 6.69 -15.13	66.70 5.95 -0.02	61.92 5.42 -0.01	61.20 5.00 -0.01	62.53 5.37 -0.01	63.45 5.93 -0.01	75.23 6.59 -5.31	86.58 7.22 -11.93	88.09 7.22 -9.32	82.95 6.99 -3.90	95.56 7.76 -11.81	117.62 9.80 -16.27	152.72 12.52 -30.30	268.69 14.38 -132.35	297.74 16.70 -149.58	386.14 20.68 -202.64	451.14 22.76 -243.25	413.64 24.87 -183.17	343.24 21.25 -138.74	211.09 13.21 -75.58	117.17 9.20 -15.10	83.90 6.87 -3.12	73.92 5.84 -3.91
BALL_HILL_WT_PWR 323825	69.62 0.76 0.00	65.27 0.33 0.00	59.57 -1.16 0.00	55.41 -1.07 0.00	54.45 -1.74 0.00	55.84 -1.31 0.00	55.73 -1.78 0.00	61.06 -2.28 0.00	65.21 -2.22 0.00	69.90 -1.64 0.00	70.84 -1.23 0.00	75.77 -0.23 0.00	91.00 -0.55 0.00	108.91 -0.99 0.00	120.27 -3.41 -1.72	130.90 -3.94 -3.38	162.52 -4.56 -4.26	187.03 -5.55 -7.45	203.46 -5.97 -3.84	182.42 -1.65 -0.82	124.80 0.61 -1.88	93.41 -0.09 -0.63	74.42 0.52 0.00	63.72 -0.45 0.00
BARON_WINDS____WT_PWR 323822	69.69 0.83 0.00	65.40 0.46 0.00	60.18 -0.55 0.00	55.92 -0.56 0.00	55.12 -1.07 0.00	56.58 -0.57 0.00	56.71 -0.81 0.00	62.32 -1.02 0.00	66.42 -1.01 0.00	70.83 -0.72 0.00	71.56 -0.50 0.00	76.08 0.08 0.00	91.36 -0.18 0.00	109.13 -0.76 0.00	121.88 -2.32 -2.24	133.35 -2.50 -4.39	165.74 -2.61 -5.53	192.21 -2.59 -9.67	209.05 -1.65 -5.11	185.99 1.65 -1.10	127.25 2.45 -2.51	95.48 1.76 -0.84	75.30 1.40 0.00	64.49 0.32 0.00
BARRETT_IC_1 23704	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	126.26 7.28 -46.92	193.18 7.76 -109.42	187.72 9.70 -86.48	236.74 12.20 -114.65	368.25 14.02 -232.27	425.44 16.17 -277.81	523.26 20.02 -340.42	588.23 21.83 -381.26	446.91 23.84 -217.48	372.56 20.16 -169.15	220.00 12.48 -85.22	112.86 9.01 -10.98	112.86 6.72 -32.23	112.86 5.52 -43.17
BARRETT_IC_10 23701	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	93.68 7.28 -14.34	117.19 7.76 -33.43	128.92 9.70 -27.67	99.61 12.20 22.48	292.26 14.02 -156.28	95.27 16.17 52.36	106.02 20.02 76.82	168.84 21.83 38.12	134.11 23.84 95.32	95.27 20.16 108.14	95.27 12.48 39.51	95.27 9.01 6.61	112.86 6.72 -32.23	112.86 5.52 -43.17
BARRETT_IC_11 23702	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	93.68 7.28 -14.34	117.19 7.76 -33.43	128.92 9.70 -27.67	99.61 12.20 22.48	292.26 14.02 -156.28	95.27 16.17 52.36	106.02 20.02 76.82	168.84 21.83 38.12	134.11 23.84 95.32	95.27 20.16 108.14	95.27 12.48 39.51	95.27 9.01 6.61	112.86 6.72 -32.23	112.86 5.52 -43.17
BARRETT_IC_12 23703	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	93.68 7.28 -14.34	117.19 7.76 -33.43	128.92 9.70 -27.67	99.61 12.20 22.48	292.26 14.02 -156.28	95.27 16.17 52.36	106.02 20.02 76.82	168.84 21.83 38.12	134.11 23.84 95.32	95.27 20.16 108.14	95.27 12.48 39.51	95.27 9.01 6.61	112.86 6.72 -32.23	112.86 5.52 -43.17
BARRETT_IC_2 23705	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	126.26 7.28 -46.92	193.18 7.76 -109.42	187.72 9.70 -86.48	236.74 12.20 -114.65	368.25 14.02 -232.27	425.44 16.17 -277.81	523.26 20.02 -340.42	588.23 21.83 -381.26	446.91 23.84 -217.48	372.56 20.16 -169.15	220.00 12.48 -85.22	112.86 9.01 -10.98	112.86 6.72 -32.23	112.86 5.52 -43.17
BARRETT_IC_3 23706	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	126.26 7.28 -46.92	193.18 7.76 -109.42	187.72 9.70 -86.48	236.74 12.20 -114.65	368.25 14.02 -232.27	425.44 16.17 -277.81	523.26 20.02 -340.42	588.23 21.83 -381.26	446.91 23.84 -217.48	372.56 20.16 -169.15	220.00 12.48 -85.22	112.86 9.01 -10.98	112.86 6.72 -32.23	112.86 5.52 -43.17
BARRETT_IC_4 23707	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	126.26 7.28 -46.92	193.18 7.76 -109.42	187.72 9.70 -86.48	236.74 12.20 -114.65	368.25 14.02 -232.27	425.44 16.17 -277.81	523.26 20.02 -340.42	588.23 21.83 -381.26	446.91 23.84 -217.48	372.56 20.16 -169.15	220.00 12.48 -85.22	112.86 9.01 -10.98	112.86 6.72 -32.23	112.86 5.52 -43.17
BARRETT_IC_5 23708	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	126.26 7.28 -46.92	193.18 7.76 -109.42	187.72 9.70 -86.48	236.74 12.20 -114.65	368.25 14.02 -232.27	425.44 16.17 -277.81	523.26 20.02 -340.42	588.23 21.83 -381.26	446.91 23.84 -217.48	372.56 20.16 -169.15	220.00 12.48 -85.22	112.86 9.01 -10.98	112.86 6.72 -32.23	112.86 5.52 -43.17



BARRETT_IC_6 23709	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	126.26 7.28 -46.92	193.18 7.76 -109.42	187.72 9.70 -86.48	236.74 12.20 -114.65	368.25 14.02 -232.27	425.44 16.17 -277.81	523.26 20.02 -340.42	588.23 21.83 -381.26	446.91 23.84 -217.48	372.56 20.16 -169.15	220.00 12.48 -85.22	112.86 9.01 -10.98	112.86 6.72 -32.23	112.86 5.52 -43.17
BARRETT_IC_7 23710	145.31 5.65 -70.80	85.80 5.65 -15.21	65.84 5.10 -0.02	61.29 4.80 0.00	60.80 4.61 0.00	61.84 4.69 0.00	62.75 5.23 0.00	74.09 5.45 -5.31	85.22 5.87 -11.93	87.45 6.58 -9.32	126.48 7.49 -46.92	193.17 7.75 -109.42	187.82 9.80 -86.48	236.63 12.09 -114.65	368.25 14.03 -232.27	425.57 16.30 -277.81	523.10 19.86 -340.42	588.05 21.66 -381.26	446.72 23.64 -217.48	372.56 20.16 -169.15	219.99 12.47 -85.22	112.58 8.73 -10.98	112.79 6.65 -32.23	112.86 5.52 -43.17
BARRETT_IC_8 23711	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	126.26 7.28 -46.92	193.18 7.76 -109.42	187.72 9.70 -86.48	236.74 12.20 -114.65	368.25 14.02 -232.27	425.44 16.17 -277.81	523.26 20.02 -340.42	588.23 21.83 -381.26	446.91 23.84 -217.48	372.56 20.16 -169.15	220.00 12.48 -85.22	112.86 9.01 -10.98	112.86 6.72 -32.23	112.86 5.52 -43.17
BARRETT_IC_9 23700	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	93.68 7.28 -14.34	117.19 7.76 -33.43	128.92 9.70 -27.67	99.61 12.20 22.48	292.26 14.02 -156.28	95.27 16.17 52.36	106.02 20.02 76.82	168.84 21.83 38.12	134.11 23.84 95.32	95.27 20.16 108.14	95.27 12.48 39.51	95.27 9.01 6.61	112.86 6.72 -32.23	112.86 5.52 -43.17
BARRETT___1 23545	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	126.26 7.28 -46.92	193.18 7.76 -109.42	187.72 9.70 -86.48	236.74 12.20 -114.65	368.25 14.02 -232.27	425.44 16.17 -277.81	523.26 20.02 -340.42	588.23 21.83 -381.26	446.91 23.84 -217.48	372.56 20.16 -169.15	220.00 12.48 -85.22	112.86 9.01 -10.98	112.86 6.72 -32.23	112.86 5.52 -43.17
BARRETT___2 23546	145.31 5.65 -70.80	85.80 5.65 -15.21	65.85 5.10 -0.02	61.30 4.80 -0.02	60.59 4.39 -0.01	61.85 4.69 -0.01	62.64 5.12 -0.01	74.09 5.45 -5.31	85.22 5.86 -11.93	87.38 6.51 -9.32	93.68 7.28 -14.34	117.19 7.76 -33.43	128.92 9.70 -27.67	99.61 12.20 22.48	292.26 14.02 -156.28	95.27 16.17 52.36	106.02 20.02 76.82	168.84 21.83 38.12	134.11 23.84 95.32	95.27 20.16 108.14	95.27 12.48 39.51	95.27 9.01 6.61	112.86 6.72 -32.23	112.86 5.52 -43.17
BATAVIA___115KV_TB1 55881	70.79 1.93 0.00	66.31 1.36 0.00	60.30 -0.43 0.00	55.98 -0.51 0.00	55.07 -1.12 0.00	56.47 -0.69 0.00	56.19 -1.32 0.00	61.50 -1.84 0.00	65.54 -1.89 0.00	70.26 -1.29 0.00	71.20 -0.86 0.00	76.15 0.15 0.00	89.90 -1.65 0.00	107.92 -1.98 0.00	118.90 -4.51 -1.45	129.84 -4.47 -2.84	159.89 -6.51 -3.59	184.18 -7.22 -6.27	199.92 -8.84 -3.17	179.53 -4.40 -0.68	122.39 -1.47 -1.55	92.28 -1.11 -0.52	74.86 0.96 0.00	64.23 0.06 0.00
BAYONEEC___CTG1 323682	73.68 4.82 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	60.98 3.83 0.00	61.94 4.43 0.00	68.28 4.94 0.00	72.75 5.33 0.00	77.56 6.01 0.00	84.72 6.99 -5.67	83.51 7.67 0.16	111.00 9.80 -9.65	133.31 12.63 -10.78	153.26 14.38 -16.91	183.36 16.97 -34.93	217.74 20.68 -34.24	270.11 21.83 -62.78	269.02 23.84 -39.38	216.14 20.16 -12.73	150.58 12.11 -16.17	106.83 8.36 -5.60	79.82 5.91 0.00	68.92 4.75 0.00
BAYONEEC___CTG10 323750	73.68 4.82 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	60.98 3.83 0.00	61.94 4.43 0.00	68.28 4.94 0.00	72.75 5.33 0.00	77.56 6.01 0.00	84.72 6.99 -5.67	83.51 7.67 0.16	111.00 9.80 -9.65	133.31 12.63 -10.78	153.26 14.38 -16.91	183.36 16.97 -34.93	217.74 20.68 -34.24	270.11 21.83 -62.78	269.02 23.84 -39.38	216.14 20.16 -12.73	150.58 12.11 -16.17	106.83 8.36 -5.60	79.82 5.91 0.00	68.92 4.75 0.00
BAYONEEC___CTG2 323683	73.68 4.82 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	60.98 3.83 0.00	61.94 4.43 0.00	68.28 4.94 0.00	72.75 5.33 0.00	77.56 6.01 0.00	84.72 6.99 -5.67	83.51 7.67 0.16	111.00 9.80 -9.65	133.31 12.63 -10.78	153.26 14.38 -16.91	183.36 16.97 -34.93	217.74 20.68 -34.24	270.11 21.83 -62.78	269.02 23.84 -39.38	216.14 20.16 -12.73	150.58 12.11 -16.17	106.83 8.36 -5.60	79.82 5.91 0.00	68.92 4.75 0.00
BAYONEEC___CTG3 323684	73.68 4.82 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	60.98 3.83 0.00	61.94 4.43 0.00	68.28 4.94 0.00	72.75 5.33 0.00	77.56 6.01 0.00	84.72 6.99 -5.67	83.51 7.67 0.16	111.00 9.80 -9.65	133.31 12.63 -10.78	153.26 14.38 -16.91	183.36 16.97 -34.93	217.74 20.68 -34.24	270.11 21.83 -62.78	269.02 23.84 -39.38	216.14 20.16 -12.73	150.58 12.11 -16.17	106.83 8.36 -5.60	79.82 5.91 0.00	68.92 4.75 0.00
BAYONEEC___CTG4 323685	73.68 4.82 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	60.98 3.83 0.00	61.94 4.43 0.00	68.28 4.94 0.00	72.75 5.33 0.00	77.56 6.01 0.00	84.72 6.99 -5.67	83.51 7.67 0.16	111.00 9.80 -9.65	133.31 12.63 -10.78	153.26 14.38 -16.91	183.36 16.97 -34.93	217.74 20.68 -34.24	270.11 21.83 -62.78	269.02 23.84 -39.38	216.14 20.16 -12.73	150.58 12.11 -16.17	106.83 8.36 -5.60	79.82 5.91 0.00	68.92 4.75 0.00
BAYONEEC___CTG5 323686	73.68 4.82 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	60.98 3.83 0.00	61.94 4.43 0.00	68.28 4.94 0.00	72.75 5.33 0.00	77.56 6.01 0.00	84.72 6.99 -5.67	83.51 7.67 0.16	111.00 9.80 -9.65	133.31 12.63 -10.78	153.26 14.38 -16.91	183.36 16.97 -34.93	217.74 20.68 -34.24	270.11 21.83 -62.78	269.02 23.84 -39.38	216.14 20.16 -12.73	150.58 12.11 -16.17	106.83 8.36 -5.60	79.82 5.91 0.00	68.92 4.75 0.00
BAYONEEC___CTG6 323687	73.68 4.82 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	60.98 3.83 0.00	61.94 4.43 0.00	68.28 4.94 0.00	72.75 5.33 0.00	77.56 6.01 0.00	84.72 6.99 -5.67	83.51 7.67 0.16	111.00 9.80 -9.65	133.31 12.63 -10.78	153.26 14.38 -16.91	183.36 16.97 -34.93	217.74 20.68 -34.24	270.11 21.83 -62.78	269.02 23.84 -39.38	216.14 20.16 -12.73	150.58 12.11 -16.17	106.83 8.36 -5.60	79.82 5.91 0.00	68.92 4.75 0.00
BAYONEEC___CTG7 323688	73.68 4.82 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	60.98 3.83 0.00	61.94 4.43 0.00	68.28 4.94 0.00	72.75 5.33 0.00	77.56 6.01 0.00	84.72 6.99 -5.67	83.51 7.67 0.16	111.00 9.80 -9.65	133.31 12.63 -10.78	153.26 14.38 -16.91	183.36 16.97 -34.93	217.74 20.68 -34.24	270.11 21.83 -62.78	269.02 23.84 -39.38	216.14 20.16 -12.73	150.58 12.11 -16.17	106.83 8.36 -5.60	79.82 5.91 0.00	68.92 4.75 0.00



BAYONEEC___CTG8 323689	73.68 4.82 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	60.98 3.83 0.00	61.94 4.43 0.00	68.28 4.94 0.00	72.75 5.33 0.00	77.56 6.01 0.00	84.72 6.99 -5.67	83.51 7.67 0.16	111.00 9.80 -9.65	133.31 12.63 -10.78	153.26 14.38 -16.91	183.36 16.97 -34.93	217.74 20.68 -34.24	270.11 22.21 -62.78	269.02 24.04 -39.38	216.14 20.16 -12.73	150.58 12.11 -16.17	106.83 8.36 -5.60	79.82 5.91 0.00	68.92 4.75 0.00
BAYONEEC___CTG9 323749	73.68 4.82 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	60.98 3.83 0.00	61.94 4.43 0.00	68.28 4.94 0.00	72.75 5.33 0.00	77.56 6.01 0.00	84.72 6.99 -5.67	83.51 7.67 0.16	111.00 9.80 -9.65	133.31 12.63 -10.78	153.26 14.38 -16.91	183.36 16.97 -34.93	217.74 20.68 -34.24	270.11 22.21 -62.78	269.02 24.04 -39.38	216.14 20.16 -12.73	150.58 12.11 -16.17	106.83 8.36 -5.60	79.82 5.91 0.00	68.92 4.75 0.00
BEACON___LESR 323632	71.07 2.20 0.00	67.08 2.14 0.00	62.79 2.07 0.00	58.29 1.81 0.00	57.76 1.57 0.00	59.04 1.88 0.00	59.41 1.90 0.00	65.49 2.15 0.00	69.72 2.29 0.00	73.77 2.22 0.00	74.76 2.74 0.04	79.27 3.27 0.00	66.72 4.12 28.95	53.98 5.27 61.19	19.83 5.97 108.10	16.31 6.18 121.33	39.03 8.14 131.93	62.37 9.62 132.38	62.29 10.28 153.58	58.51 8.61 133.35	54.30 5.63 73.63	79.33 4.08 17.63	76.49 2.59 0.00	66.16 1.99 0.00
BEAVER RIVER___HYD 24048	69.14 0.28 0.00	64.88 -0.06 0.00	60.60 -0.12 0.00	56.49 0.00 0.00	56.42 0.23 0.00	58.13 0.97 0.00	58.43 0.92 0.00	64.41 1.08 0.00	68.51 1.08 0.00	72.55 1.00 0.00	72.50 0.43 0.00	76.15 0.15 0.00	91.09 -0.46 0.00	107.15 -2.74 0.00	119.29 -3.04 -0.37	116.17 -3.28 12.01	160.32 -3.43 -0.92	182.85 -3.90 -1.61	202.92 -2.68 0.00	181.78 -1.47 0.00	121.45 -0.85 0.00	94.27 1.40 0.00	75.30 1.40 0.00	64.81 0.64 0.00
BEEBEE_GT_13 23619	69.96 1.10 0.00	65.59 0.65 0.00	60.36 -0.36 0.00	56.03 -0.45 0.00	55.29 -0.90 0.00	56.35 -0.80 0.00	56.42 -1.09 0.00	62.07 -1.27 0.00	66.22 -1.21 0.00	70.90 -0.64 0.00	71.92 -0.14 0.00	76.68 0.68 0.00	91.91 0.37 0.00	110.23 0.33 0.00	122.22 -0.98 -1.24	133.10 -0.79 -2.43	164.25 -1.63 -3.06	188.63 -1.85 -5.35	202.31 -3.29 0.00	182.52 -0.73 0.00	122.79 0.49 0.00	93.24 0.37 0.00	74.72 0.81 0.00	64.17 0.00 0.00
BENSHRST_27_KV_BENSHRST_1 355998	74.79 5.92 -0.01	70.73 5.78 -0.01	65.71 4.98 0.00	61.23 4.74 0.00	60.86 4.66 -0.01	61.38 4.23 0.00	62.47 4.95 -0.01	68.79 5.45 -0.01	73.51 6.07 -0.01	78.71 7.15 -0.01	128.52 8.29 -48.17	102.61 8.66 -17.95	172.47 11.08 -69.85	189.37 13.52 -65.96	154.25 15.37 -16.92	232.89 18.67 -82.75	219.21 22.14 -34.25	330.79 24.07 -121.59	314.23 25.70 -82.94	217.60 21.62 -12.73	151.92 13.45 -16.17	110.69 8.82 -8.99	80.33 6.43 0.01	69.76 5.58 -0.01
BETHLEHEM___GRP 23843	69.76 0.90 0.00	65.92 0.97 0.00	61.82 1.09 0.00	57.50 1.02 0.00	57.09 0.90 0.00	58.13 0.97 0.00	58.55 1.04 0.00	64.41 1.08 0.00	68.51 1.08 0.00	72.48 0.93 0.00	73.56 1.51 0.02	77.75 1.75 0.00	78.19 2.38 15.74	79.82 3.19 33.26	72.66 3.78 53.08	80.71 4.08 54.83	110.18 5.05 57.68	143.80 6.11 47.44	153.02 6.37 58.95	120.98 4.95 67.22	97.51 3.18 27.97	89.66 2.32 5.53	75.09 1.18 0.00	65.07 0.90 0.00
BETHLEHEM___GS1 323560	69.75 0.89 0.00	65.92 0.98 0.00	61.82 1.09 0.00	57.50 1.02 0.00	56.98 0.79 0.00	58.13 0.97 0.00	58.55 1.04 0.00	64.41 1.08 0.00	68.51 1.08 0.00	72.48 0.93 0.00	73.41 1.37 0.02	77.75 1.75 0.00	78.19 2.38 15.74	79.82 3.19 33.26	72.66 3.78 53.08	80.45 3.81 54.83	110.19 5.05 57.68	143.79 6.10 47.44	153.03 6.38 58.95	120.98 4.95 67.22	97.50 3.17 27.97	89.66 2.32 5.53	75.16 1.26 0.00	65.07 0.90 0.00
BETHLEHEM___GS2 323561	69.75 0.89 0.00	65.92 0.98 0.00	61.82 1.09 0.00	57.50 1.02 0.00	56.98 0.79 0.00	58.13 0.97 0.00	58.55 1.04 0.00	64.41 1.08 0.00	68.51 1.08 0.00	72.48 0.93 0.00	73.41 1.37 0.02	77.75 1.75 0.00	78.19 2.38 15.74	79.82 3.19 33.26	72.66 3.78 53.08	80.45 3.81 54.83	110.19 5.05 57.68	143.79 6.10 47.44	153.03 6.38 58.95	120.98 4.95 67.22	97.50 3.17 27.97	89.66 2.32 5.53	75.16 1.26 0.00	65.07 0.90 0.00
BETHLEHEM___GS3 323562	69.75 0.89 0.00	65.92 0.98 0.00	61.82 1.09 0.00	57.50 1.02 0.00	56.98 0.79 0.00	58.13 0.97 0.00	58.55 1.04 0.00	64.41 1.08 0.00	68.51 1.08 0.00	72.48 0.93 0.00	73.41 1.37 0.02	77.75 1.75 0.00	78.19 2.38 15.74	79.82 3.19 33.26	72.66 3.78 53.08	80.45 3.81 54.83	110.19 5.05 57.68	143.79 6.10 47.44	153.03 6.38 58.95	120.98 4.95 67.22	97.50 3.17 27.97	89.66 2.32 5.53	75.16 1.26 0.00	65.07 0.90 0.00
BETHLEHEM___STEEL 23779	69.28 0.41 0.00	65.01 0.06 0.00	59.39 -1.34 0.00	55.13 -1.36 0.00	54.22 -1.97 0.00	55.44 -1.71 0.00	55.39 -2.13 0.00	60.67 -2.66 0.00	64.73 -2.70 0.00	69.47 -2.07 0.00	70.41 -1.66 0.00	75.24 -0.76 0.00	90.17 -1.37 0.00	108.58 -1.32 0.00	119.26 -4.39 -1.69	130.57 -4.21 -3.31	160.98 -6.02 -4.18	185.22 -7.22 -7.31	201.54 -7.81 -3.75	180.57 -3.48 -0.81	123.41 -0.73 -1.84	92.84 -0.65 -1.84	73.90 0.00 -0.62	63.40 -0.77 0.00
BETHLHEM_115KV_TB1 79974	69.96 1.10 0.00	66.05 1.10 0.00	62.00 1.28 0.00	57.62 1.13 0.00	57.20 1.01 0.00	58.24 1.09 0.00	58.67 1.15 0.00	64.54 1.20 0.00	68.64 1.21 0.00	72.62 1.07 0.00	73.77 1.73 0.02	77.90 1.90 0.00	79.31 2.56 14.80	82.01 3.41 31.29	76.77 4.02 49.21	85.64 4.34 50.16	115.73 5.37 52.47	150.13 6.48 41.48	158.43 6.78 53.95	125.65 5.31 62.91	100.15 3.42 25.58	90.42 2.51 4.96	75.23 1.33 0.00	65.26 1.09 0.00
BETHPAGE_CC_5 323564	92.38 6.06 -17.46	86.04 5.97 -15.13	66.15 5.40 -0.02	61.47 4.97 -0.01	60.75 4.55 -0.01	62.08 4.92 -0.01	62.93 5.40 -0.01	74.59 5.95 -5.31	85.83 6.47 -11.93	88.02 7.15 -9.32	84.29 7.42 -4.80	97.00 8.36 -12.64	114.62 10.52 -12.55	149.57 13.40 -26.28	271.44 15.24 -134.24	301.89 17.62 -152.80	390.89 21.83 -206.24	455.88 23.89 -246.86	416.25 26.11 -184.54	345.36 22.16 -139.95	209.28 13.82 -73.16	110.39 9.66 -7.86	84.59 6.94 -3.75	74.93 5.78 -4.99
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	69.28 0.41 0.00	65.01 0.06 0.00	59.33 -1.40 0.00	55.13 -1.36 0.00	54.22 -1.97 0.00	55.44 -1.71 0.00	55.44 -2.07 0.00	60.74 -2.60 0.00	64.80 -2.63 0.00	69.54 -2.00 0.00	70.55 -1.51 0.00	75.47 -0.53 0.00	90.45 -1.10 0.00	108.80 -1.10 0.00	119.52 -4.15 -1.71	130.88 -3.94 -3.36	161.52 -5.54 -4.23	185.68 -6.85 -7.40	202.41 -6.99 -3.81	181.14 -2.93 -0.82	123.80 -0.37 -1.87	93.04 -0.46 -0.63	74.05 0.15 0.00	63.46 -0.71 0.00
BINGHAMTON___COGEN 23790	69.96 1.10 0.00	65.85 0.91 0.00	61.21 0.49 0.00	56.88 0.40 0.00	56.36 0.17 0.00	57.50 0.34 0.00	57.86 0.35 0.00	63.78 0.44 0.00	67.97 0.54 0.00	72.41 0.86 0.00	73.29 1.23 0.00	77.67 1.67 0.00	93.47 1.92 0.00	112.31 2.42 0.00	127.30 2.07 -3.27	140.49 2.63 -6.40	173.99 3.09 -8.07	202.76 3.52 -14.11	218.04 4.52 -7.92	190.08 5.13 -1.70	129.98 3.79 -3.89	96.97 2.79 -1.31	75.68 1.77 0.00	65.13 0.96 0.00



BIXINCNT_115KV_LOAD 355685	68.52 -0.34 0.00	64.42 -0.52 0.00	58.90 -1.82 0.00	54.79 -1.69 0.00	53.94 -2.25 0.00	55.27 -1.89 0.00	55.56 -1.96 0.00	61.12 -2.22 0.00	65.20 -2.23 0.00	69.97 -1.57 0.00	70.98 -1.08 0.00	75.77 -0.23 0.00	90.91 -0.64 0.00	109.46 -0.44 0.00	120.23 -3.54 -1.81	131.99 -3.02 -3.55	162.91 -4.40 -4.48	187.23 -5.74 -7.83	204.92 -4.73 -4.05	183.20 -0.92 -0.87	125.15 0.86 -1.99	93.91 0.37 -0.67	74.27 0.37 0.00	63.46 -0.71 0.00
BLACK RIVER___HYD 24047	70.10 1.24 0.00	65.66 0.72 0.00	61.27 0.55 0.00	56.94 0.45 0.00	56.70 0.50 0.00	58.47 1.32 0.00	58.72 1.21 0.00	64.85 1.52 0.00	68.98 1.55 0.00	72.98 1.43 0.00	72.86 0.79 0.00	76.91 0.92 0.00	92.10 0.55 0.00	108.03 -1.87 0.00	120.29 -2.19 -0.52	121.60 -2.11 7.76	162.33 -1.79 -1.30	186.11 -1.29 -2.27	206.63 1.03 0.00	185.81 2.56 0.00	124.25 1.95 0.00	96.59 3.72 0.00	76.78 2.88 0.00	65.77 1.60 0.00
BLACKRVR_115KV_TB2 79977	70.10 1.24 0.00	65.66 0.71 0.00	61.21 0.49 0.00	56.94 0.45 0.00	56.75 0.56 0.00	58.47 1.31 0.00	58.72 1.21 0.00	64.85 1.52 0.00	68.98 1.55 0.00	72.98 1.43 0.00	72.86 0.79 0.00	76.91 0.91 0.00	92.10 0.55 0.00	108.03 -1.87 0.00	120.29 -2.20 -0.52	121.60 -2.10 7.76	162.33 -1.79 -1.30	186.10 -1.30 -2.27	206.83 1.23 0.00	185.81 2.57 0.00	124.26 1.96 0.00	96.59 3.71 0.00	76.71 2.81 0.00	65.77 1.60 0.00
BLDWN_LI_69_KV_BK4 356085	106.96 6.68 -31.42	86.52 6.43 -15.15	66.51 5.77 -0.02	61.80 5.31 0.00	61.30 5.11 0.00	62.36 5.20 0.00	63.27 5.75 0.00	74.85 6.21 -5.31	86.17 6.81 -11.93	88.45 7.58 -9.32	95.63 8.29 -15.28	120.52 8.89 -35.63	131.81 10.89 -29.37	170.16 13.63 -46.64	296.17 15.73 -158.48	333.98 18.41 -184.11	425.19 22.47 -239.90	490.51 24.81 -280.58	425.72 27.14 -192.98	353.96 23.27 -147.44	212.18 14.43 -75.45	109.80 10.31 -6.62	92.81 7.76 -11.14	85.52 6.42 -14.94
BLISS_WT_PWR 323608	68.45 -0.41 0.00	64.23 -0.71 0.00	58.78 -1.95 0.00	54.79 -1.69 0.00	53.83 -2.36 0.00	55.32 -1.83 0.00	55.50 -2.01 0.00	61.12 -2.22 0.00	65.27 -2.16 0.00	69.90 -1.64 0.00	70.91 -1.16 0.00	75.77 -0.23 0.00	91.00 -0.55 0.00	109.13 -0.76 0.00	120.23 -3.54 -1.81	131.08 -3.94 -3.55	162.91 -4.39 -4.48	187.22 -5.74 -7.83	204.52 -5.13 -4.05	183.03 -1.09 -0.87	125.15 0.86 -1.99	93.45 -0.09 -0.67	74.20 0.30 0.00	63.40 -0.77 0.00
BLUESTONE___WT_PWR 323821	73.41 4.54 0.00	68.90 3.96 0.00	64.19 3.46 0.00	59.53 3.05 0.00	58.94 2.75 0.00	60.58 3.43 0.00	60.85 3.33 0.00	67.26 3.93 0.00	71.68 4.25 0.00	76.34 4.79 0.00	76.68 4.62 0.00	81.62 5.62 0.00	97.95 6.41 0.00	117.47 7.58 0.00	133.79 8.30 -3.54	147.46 9.06 -6.93	183.61 12.05 -8.74	214.47 14.06 -15.27	234.83 17.68 -11.55	202.58 16.85 -2.48	139.46 11.49 -5.67	103.51 8.73 -1.91	80.11 6.21 0.00	68.47 4.30 0.00
BLUE_CIRC_CHEM_DRP 24182	69.41 0.55 0.00	65.66 0.71 0.00	61.58 0.85 0.00	57.16 0.68 0.00	56.75 0.56 0.00	57.78 0.63 0.00	58.03 0.52 0.00	63.65 0.32 0.00	67.63 0.20 0.00	71.46 -0.07 0.02	72.48 0.43 0.02	75.50 0.53 1.04	77.15 0.92 15.32	79.68 1.32 31.53	75.74 1.71 47.92	84.00 1.58 49.04	105.89 2.28 59.21	130.74 2.78 57.17	132.24 3.29 76.64	123.22 2.75 62.78	96.07 1.83 28.06	88.48 1.49 5.88	74.15 0.59 0.34	64.55 0.39 0.00
BOC_GAS_DRP 24189	70.24 1.38 0.00	66.37 1.43 0.00	62.24 1.52 0.00	57.84 1.36 0.00	57.48 1.29 0.00	58.47 1.31 0.00	58.90 1.38 0.00	64.73 1.39 0.00	68.85 1.42 0.00	73.05 1.50 0.00	74.07 2.02 0.01	78.35 2.28 -0.07	84.91 2.93 9.57	93.46 3.85 20.28	98.66 4.39 27.69	112.04 4.73 24.16	145.73 5.86 22.95	184.50 6.66 7.30	187.71 7.20 25.08	150.12 5.86 38.99	113.94 3.91 12.27	93.90 2.79 1.76	75.62 1.70 -0.02	65.45 1.28 0.00
BOONVILLE_115KV_TB1 79983	70.45 1.58 0.00	66.18 1.23 0.00	61.82 1.09 0.00	57.50 1.02 0.00	57.26 1.07 0.00	58.76 1.60 0.00	59.13 1.61 0.00	65.23 1.90 0.00	69.52 2.09 0.00	73.77 2.22 0.00	74.08 2.02 0.00	78.20 2.20 0.00	93.65 2.11 0.00	111.76 1.87 0.00	124.35 2.07 -0.32	129.64 2.37 4.19	167.03 3.42 -0.79	190.21 3.70 -1.37	210.94 5.35 0.00	188.20 4.95 0.00	125.72 3.42 0.00	96.22 3.34 0.00	76.49 2.59 0.00	65.84 1.67 0.00
BORALEX_4TH_BRANCH 23824	72.79 3.93 0.00	68.71 3.77 0.00	64.19 3.46 0.00	59.65 3.16 0.00	59.23 3.03 0.00	60.30 3.14 0.00	60.91 3.39 0.00	67.13 3.80 0.00	71.48 4.05 0.00	75.63 4.08 0.00	76.91 4.83 -0.01	81.02 5.02 0.00	107.92 6.50 -9.87	138.90 8.13 -20.87	184.83 9.39 -53.48	215.50 10.12 -73.92	261.39 12.54 -86.03	316.62 14.63 -116.87	360.08 16.04 -138.45	260.98 13.74 -63.98	198.85 9.17 -67.38	119.96 6.87 -20.22	78.56 4.66 0.00	67.70 3.53 0.00
BOWLINE___1 23526	72.79 3.92 0.00	68.84 3.90 0.00	64.19 3.46 0.00	59.59 3.10 0.00	58.94 2.75 0.00	60.24 3.08 0.00	60.97 3.45 0.00	67.26 3.93 0.00	71.75 4.32 0.00	76.42 4.87 0.00	77.83 5.77 0.00	82.46 6.46 0.00	101.29 8.24 -1.50	123.62 10.55 -3.17	150.27 12.19 -16.12	172.43 14.07 -26.89	213.08 17.43 -32.83	256.31 18.89 -52.29	257.98 20.76 -31.63	212.66 17.42 -11.99	148.62 10.88 -15.44	105.21 7.52 -4.82	79.00 5.10 0.00	68.15 3.98 0.00
BOWLINE___2 23595	72.65 3.78 0.00	68.71 3.77 0.00	64.06 3.34 0.00	59.53 3.05 0.00	58.83 2.64 0.00	60.13 2.97 0.00	60.91 3.39 0.00	67.13 3.80 0.00	71.61 4.18 0.00	76.27 4.72 0.00	77.69 5.62 0.00	82.30 6.30 0.00	101.10 8.06 -1.50	123.51 10.45 -3.17	150.04 11.96 -16.12	172.29 13.93 -26.89	212.90 17.25 -32.83	256.11 18.69 -52.29	257.59 20.36 -31.64	212.46 17.22 -11.99	148.38 10.63 -15.44	105.13 7.43 -4.82	78.86 4.95 0.00	68.02 3.85 0.00
BRADY___115KV_TB2 356060	68.45 -0.41 0.00	64.49 -0.45 0.00	60.42 -0.30 0.00	56.37 -0.11 0.00	56.36 0.17 0.00	57.21 0.06 0.00	57.40 -0.12 0.00	63.14 -0.19 0.00	67.09 -0.34 0.00	70.90 -0.64 0.00	70.41 -1.66 0.00	72.58 -3.42 0.00	86.79 -4.76 0.00	103.41 -6.48 0.00	115.01 -6.95 0.00	78.56 -8.28 44.62	153.05 -9.77 0.00	175.13 -10.00 0.00	195.52 -10.07 0.00	174.64 -8.61 0.00	116.55 -5.75 0.00	89.16 -3.71 0.00	72.79 -1.11 0.00	63.78 -0.39 0.00
BRANSCOMB___SOLAR 323811	73.34 4.47 0.00	69.16 4.22 0.00	64.49 3.77 0.00	59.70 3.22 0.00	59.22 3.03 0.00	60.53 3.37 0.00	60.91 3.39 0.00	67.07 3.74 0.00	71.34 3.91 0.00	75.48 3.93 0.00	76.25 4.18 -0.01	80.71 4.71 0.00	105.39 5.77 -8.07	134.09 7.14 -17.06	176.22 7.92 -46.34	205.18 8.15 -65.57	250.38 10.74 -76.81	304.61 12.60 -106.88	363.51 15.00 -142.91	255.68 13.75 -58.68	201.52 9.55 -69.68	121.56 7.25 -21.44	79.00 5.10 0.00	67.95 3.78 0.00
BRDGHMPT_69_KV_BK1 55812	90.76 8.95 -12.95	88.31 8.25 -15.12	68.03 7.29 -0.02	63.09 6.61 0.00	62.48 6.29 0.00	63.61 6.46 0.00	64.82 7.30 0.00	77.13 8.49 -5.31	88.93 9.58 -11.93	92.03 11.16 -9.32	85.47 11.67 -1.73	98.67 12.92 -9.75	222.25 16.20 -114.50	275.41 19.56 -145.96	293.00 21.59 -149.46	298.18 23.66 -143.05	386.11 27.68 -195.61	473.01 30.73 -257.15	421.31 34.33 -181.38	351.19 30.79 -137.15	275.22 19.93 -132.99	267.34 14.49 -159.98	91.18 11.23 -6.04	75.75 9.18 -2.40



BRENTWOD_69_KV_W. BRTWOOD 56703	89.84 7.57 -13.40	87.34 7.27 -15.12	67.30 6.56 -0.02	62.42 5.93 0.00	61.92 5.73 0.00	62.98 5.83 0.00	64.07 6.56 0.00	75.86 7.22 -5.31	87.31 7.96 -11.93	89.53 8.66 -9.32	82.46 8.36 -2.04	109.12 9.04 -24.07	133.12 10.71 -30.86	168.20 13.52 -44.79	266.29 15.49 -128.84	293.47 17.88 -144.13	381.61 21.98 -196.81	448.97 24.07 -239.77	413.72 26.32 -181.81	343.50 22.72 -137.53	220.57 14.31 -83.96	139.94 9.94 -37.13	84.00 7.61 -2.49	73.88 6.87 -2.84
BRISTLHL_115KV_TB1 79998	67.76 -1.10 0.00	63.71 -1.23 0.00	59.39 -1.34 0.00	55.19 -1.30 0.00	54.73 -1.46 0.00	55.78 -1.37 0.00	56.19 -1.32 0.00	62.00 -1.33 0.00	66.08 -1.35 0.00	70.26 -1.29 0.00	71.06 -1.01 0.00	75.16 -0.84 0.00	90.54 -1.01 0.00	108.69 -1.21 0.00	121.18 -1.59 -0.81	130.36 -1.58 -0.47	162.86 -1.95 -2.00	186.40 -2.22 -3.49	202.92 -2.67 0.00	181.60 -1.65 0.00	121.32 -0.98 0.00	92.22 -0.65 0.00	73.16 -0.74 0.00	63.14 -1.03 0.00
BROOKHAVEN___DRP 24191	88.68 6.89 -12.94	86.62 6.56 -15.12	66.51 5.77 -0.02	61.74 5.25 0.00	61.19 5.00 0.00	62.24 5.09 0.00	63.32 5.81 0.00	75.23 6.59 -5.31	86.57 7.22 -11.93	89.02 8.16 -9.32	81.93 8.14 -1.72	94.47 8.74 -9.73	216.57 11.17 -113.85	269.37 14.29 -145.19	286.79 16.10 -148.74	292.64 18.14 -143.03	380.39 21.98 -195.59	464.92 24.07 -255.72	413.49 26.52 -181.37	343.48 23.09 -137.14	269.96 15.04 -132.62	262.81 10.87 -159.08	87.75 7.83 -6.01	73.11 6.55 -2.39
BROOKLYN_NAVY_YARD 23515	73.89 5.02 0.00	69.94 5.00 0.00	65.16 4.43 0.00	60.56 4.07 0.00	59.79 3.60 0.00	61.10 3.94 0.00	62.00 4.49 0.00	68.46 5.13 0.00	72.96 5.53 0.00	77.85 6.30 0.00	79.27 7.21 0.00	83.90 7.90 0.00	103.24 10.07 -1.62	127.79 12.96 -4.94	153.75 14.87 -16.92	182.30 17.49 -33.35	225.30 21.16 -41.32	269.55 22.95 -61.47	269.88 24.66 -39.63	222.43 20.70 -18.48	153.66 12.60 -18.76	106.84 8.64 -5.33	80.11 6.21 0.00	69.11 4.94 0.00
BROOKLYN___ARMY_DRP 323595	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.12 4.60 0.00	68.41 5.07 -0.01	73.03 5.60 -0.01	78.21 6.65 -0.01	99.47 7.78 -19.62	94.94 8.06 -10.88	131.21 10.25 -29.41	151.32 12.53 -28.89	153.14 14.27 -16.92	197.08 17.48 -48.13	217.74 20.68 -34.24	286.54 22.40 -79.01	280.64 23.64 -51.40	215.95 19.97 -12.73	150.82 12.35 -16.17	107.34 8.08 -6.39	79.73 5.84 0.01	69.30 5.13 0.00
BROOME_2_LFGE 323671	69.96 1.10 0.00	65.85 0.91 0.00	61.21 0.48 0.00	56.88 0.40 0.00	56.30 0.11 0.00	57.56 0.40 0.00	57.86 0.35 0.00	63.78 0.45 0.00	67.97 0.54 0.00	72.34 0.79 0.00	73.21 1.15 0.00	77.67 1.67 0.00	93.56 2.01 0.00	112.31 2.41 0.00	127.30 2.07 -3.27	140.10 2.23 -6.40	173.98 3.09 -8.07	202.58 3.34 -14.11	218.03 4.52 -7.92	190.07 5.12 -1.70	129.98 3.80 -3.89	96.96 2.78 -1.31	75.75 1.85 0.00	65.13 0.96 0.00
BROOME___LFGE 323600	69.96 1.10 0.00	65.85 0.91 0.00	61.21 0.48 0.00	56.88 0.40 0.00	56.30 0.11 0.00	57.56 0.40 0.00	57.86 0.35 0.00	63.78 0.45 0.00	67.97 0.54 0.00	72.34 0.79 0.00	73.21 1.15 0.00	77.67 1.67 0.00	93.56 2.01 0.00	112.31 2.41 0.00	127.30 2.07 -3.27	140.10 2.23 -6.40	173.98 3.09 -8.07	202.58 3.34 -14.11	218.03 4.52 -7.92	190.07 5.12 -1.70	129.98 3.80 -3.89	96.96 2.78 -1.31	75.75 1.85 0.00	65.13 0.96 0.00
BROWNFLS_115KV_TB_3_5 80003	68.17 -0.69 0.00	64.10 -0.84 0.00	59.94 -0.79 0.00	55.92 -0.56 0.00	55.85 -0.34 0.00	57.21 0.06 0.00	57.52 0.00 0.00	63.40 0.06 0.00	67.50 0.07 0.00	71.40 -0.14 0.00	71.20 -0.86 0.00	73.95 -2.05 0.00	88.34 -3.20 0.00	104.40 -5.49 0.00	116.24 -5.98 -0.26	101.85 -7.10 22.52	155.49 -7.98 -0.64	177.37 -8.89 -1.12	197.17 -8.43 0.00	176.29 -6.96 0.00	117.65 -4.65 0.00	90.92 -1.95 0.00	73.46 -0.44 0.00	63.78 -0.39 0.00
BROWNSV1_27_KV_LOAD 356125	74.78 5.92 0.00	70.72 5.78 0.00	65.83 5.10 0.00	61.17 4.69 0.00	60.69 4.50 0.00	61.67 4.52 0.00	62.75 5.23 0.00	69.10 5.76 0.00	73.63 6.20 0.00	78.63 7.08 0.00	80.43 8.36 0.00	84.89 8.89 0.00	104.52 11.35 -1.62	127.60 14.29 -3.42	155.34 16.46 -16.92	179.00 19.46 -28.08	220.34 23.28 -34.24	264.84 25.36 -54.35	266.08 27.34 -33.14	219.25 23.27 -12.73	152.66 14.19 -16.17	107.76 9.84 -5.04	80.92 7.02 0.00	69.88 5.71 0.00
BURROWS___LYONSDAL 23803	69.96 1.10 0.00	65.72 0.78 0.00	61.39 0.67 0.00	57.16 0.68 0.00	56.98 0.79 0.00	58.64 1.49 0.00	58.95 1.44 0.00	65.04 1.71 0.00	69.25 1.82 0.00	73.48 1.93 0.00	73.72 1.66 0.00	77.75 1.75 0.00	93.10 1.56 0.00	110.78 0.88 -0.33	123.26 0.98 5.72	126.93 1.18 -0.81	165.75 2.12 -1.42	188.59 2.04 -1.42	209.09 3.50 0.00	186.73 3.48 0.00	124.62 2.32 0.00	95.66 2.79 0.00	76.12 2.22 0.00	65.52 1.35 0.00
CAITHNESS_CC_1 323624	88.54 6.75 -12.93	86.49 6.43 -15.12	66.45 5.71 -0.02	61.69 5.19 -0.01	60.86 4.66 -0.01	62.19 5.03 -0.01	63.22 5.70 -0.01	75.11 6.46 -5.31	86.50 7.14 -11.93	88.81 7.94 -9.32	81.35 7.56 -1.72	94.14 8.44 -9.71	215.55 10.80 -113.20	268.05 13.74 -144.42	285.46 15.49 -148.01	291.82 17.35 -143.01	379.71 21.32 -195.56	462.74 23.33 -254.29	412.66 25.70 -181.37	342.55 22.16 -137.14	268.98 14.42 -132.25	261.44 10.40 -158.17	87.42 7.54 -5.98	72.90 6.35 -2.38
CALPINE BETH_PAGE_GT4 24209	94.35 6.06 -19.43	85.98 5.91 -15.13	66.09 5.34 -0.02	61.40 4.91 0.00	60.91 4.72 0.00	61.96 4.80 0.00	62.92 5.41 0.00	74.53 5.89 -5.31	85.76 6.41 -11.93	88.02 7.15 -9.32	85.98 7.78 -6.13	99.69 8.36 -15.33	116.48 10.53 -14.40	151.87 13.30 -28.68	274.45 15.37 -137.13	306.51 17.88 -157.17	395.68 21.82 -211.04	460.68 23.88 -251.67	417.81 26.11 -186.10	346.76 22.17 -141.34	209.63 13.82 -73.51	109.91 9.66 -7.38	85.63 6.95 -4.78	76.33 5.78 -6.38
CALPINE_BETH_PAGE_GT_4 323586	94.35 6.06 -19.43	85.98 5.91 -15.13	66.02 5.28 -0.02	61.41 4.91 -0.01	60.64 4.44 -0.01	61.96 4.80 -0.01	62.81 5.29 -0.01	74.53 5.89 -5.31	85.77 6.41 -11.93	87.95 7.08 -9.32	85.69 7.49 -6.13	99.69 8.36 -15.33	116.47 10.52 -14.40	151.98 13.40 -28.68	274.45 15.37 -137.13	306.25 17.62 -157.17	395.69 21.83 -211.04	460.86 24.06 -251.67	417.81 26.11 -186.10	346.94 22.35 -141.34	209.63 13.82 -73.51	110.00 9.75 -7.38	85.71 7.02 -4.78	76.33 5.78 -6.38
CALPINE_BP_GT1 23823	94.35 6.06 -19.43	85.98 5.91 -15.13	66.02 5.28 -0.02	61.41 4.91 -0.01	60.64 4.44 -0.01	61.96 4.80 -0.01	62.81 5.29 -0.01	74.53 5.89 -5.31	85.77 6.41 -11.93	87.95 7.08 -9.32	85.69 7.49 -6.13	99.69 8.36 -15.33	116.47 10.52 -14.40	151.98 13.40 -28.68	274.45 15.37 -137.13	306.25 17.62 -157.17	395.69 21.83 -211.04	460.86 24.06 -251.67	417.81 26.11 -186.10	346.94 22.35 -141.34	209.63 13.82 -73.51	110.00 9.75 -7.38	85.71 7.02 -4.78	76.33 5.78 -6.38
CALSPAN___DRP 24200	69.28 0.41 0.00	65.01 0.06 0.00	59.39 -1.34 0.00	55.13 -1.36 0.00	54.22 -1.97 0.00	55.44 -1.71 0.00	55.39 -2.13 0.00	60.67 -2.66 0.00	64.73 -2.70 0.00	69.47 -2.07 0.00	70.41 -1.66 0.00	75.24 -0.76 0.00	90.17 -1.37 0.00	108.58 -1.32 0.00	119.26 -4.39 -1.69	130.57 -4.21 -3.31	160.98 -6.02 -4.18	185.22 -7.22 -7.31	201.54 -7.81 -3.75	180.57 -3.48 -0.81	123.41 -0.73 -1.84	92.84 -0.65 -0.62	73.90 0.00 0.00	63.40 -0.77 0.00



CALVERTON___SOLAR 323806	88.96 7.16 -12.94	86.82 6.75 -15.12	66.70 5.95 -0.02	61.92 5.42 -0.01	61.09 4.89 -0.01	62.36 5.20 -0.01	63.39 5.87 -0.01	75.42 6.78 -5.31	86.84 7.48 -11.93	89.24 8.37 -9.32	81.93 8.14 -1.73	94.92 9.19 -9.73	217.39 11.72 -114.12	270.46 15.06 -145.51	287.91 16.95 -149.01	293.16 18.66 -143.04	381.21 22.79 -195.59	466.61 25.17 -256.31	414.93 27.96 -181.38	344.77 24.38 -137.15	271.09 16.02 -132.77	263.94 11.61 -159.46	88.35 8.42 -6.02	73.43 6.87 -2.40
CANDIGU_WT_PWR 323617	69.69 0.83 0.00	65.40 0.46 0.00	60.18 -0.55 0.00	55.92 -0.56 0.00	55.12 -1.07 0.00	56.58 -0.57 0.00	56.71 -0.81 0.00	62.32 -1.02 0.00	66.42 -1.01 0.00	70.83 -0.72 0.00	71.56 -0.50 0.00	76.08 0.08 0.00	91.36 -0.18 0.00	109.13 -0.76 0.00	121.88 -2.32 -2.24	133.35 -2.50 -4.39	165.74 -2.61 -5.53	192.21 -2.59 -9.67	209.05 -1.65 -5.11	185.99 1.65 -1.10	127.25 2.45 -2.51	95.48 1.76 -0.84	75.30 1.40 0.00	64.49 0.32 0.00
CARR STREET_E_SYR 24060	68.79 -0.07 0.00	64.68 -0.26 0.00	60.24 -0.49 0.00	55.92 -0.56 0.00	55.46 -0.73 0.00	56.58 -0.57 0.00	56.94 -0.58 0.00	62.89 -0.44 0.00	67.09 -0.34 0.00	71.33 -0.21 0.00	72.14 0.07 0.00	76.54 0.54 0.00	92.10 0.55 0.00	110.45 0.55 0.00	123.25 0.37 -0.92	132.73 0.40 -0.87	165.76 0.65 -2.28	189.68 0.56 -3.99	206.01 0.41 0.00	184.36 1.11 0.00	123.27 0.97 0.00	93.61 0.74 0.00	74.27 0.37 0.00	64.04 -0.13 0.00
CARTHAGE___PAPER 23857	69.41 0.55 0.00	65.14 0.20 0.00	60.79 0.06 0.00	56.60 0.11 0.00	56.53 0.34 0.00	58.24 1.08 0.00	58.55 1.04 0.00	64.53 1.20 0.00	68.64 1.22 0.00	72.55 1.00 0.00	72.43 0.36 0.00	76.15 0.15 0.00	91.18 -0.36 0.00	105.61 -4.29 0.00	117.54 -4.88 -0.47	116.93 -5.13 9.40	158.44 -5.54 -1.15	181.40 -5.74 -2.01	201.27 -4.33 0.00	180.51 -2.74 0.00	120.71 -1.59 0.00	95.10 2.23 0.00	75.82 1.92 0.00	65.19 1.02 0.00
CASSADAGA_WT_PWR 323784	70.72 1.86 0.00	66.24 1.30 0.00	60.48 -0.24 0.00	56.26 -0.23 0.00	55.29 -0.90 0.00	56.81 -0.34 0.00	56.88 -0.63 0.00	62.58 -0.76 0.00	66.82 -0.61 0.00	71.69 0.14 0.00	72.71 0.65 0.00	77.67 1.67 0.00	93.38 1.83 0.00	111.88 1.98 0.00	123.50 -0.24 -1.79	134.45 -0.52 -3.51	167.08 -0.16 -4.42	192.13 -0.74 -7.73	209.80 0.21 -4.00	187.58 3.47 -0.86	128.42 4.16 -1.96	96.04 2.51 -0.66	76.34 2.44 0.00	65.07 0.90 0.00
CE_DUNWOOD___DRP 24194	73.48 4.61 0.00	69.42 4.48 0.00	64.73 4.01 0.00	60.16 3.67 0.00	59.68 3.48 0.00	60.70 3.54 0.00	61.60 4.08 0.00	67.83 4.50 0.00	72.35 4.92 0.00	77.13 5.58 0.00	78.77 6.70 0.00	83.22 7.22 0.00	102.32 9.15 -1.61	124.96 11.65 -3.41	152.25 13.42 -16.88	175.39 15.91 -28.01	216.03 19.05 -34.16	260.27 20.92 -54.22	261.27 22.62 -33.06	215.01 19.06 -12.70	150.30 11.86 -16.14	106.07 8.17 -5.03	79.52 5.62 0.00	68.66 4.49 0.00
CE_MILLWOOD___DRP 24193	73.27 4.41 0.00	69.23 4.29 0.00	64.55 3.83 0.00	59.99 3.50 0.00	59.56 3.37 0.00	60.58 3.43 0.00	61.43 3.91 0.00	67.64 4.31 0.00	72.15 4.72 0.00	76.91 5.37 0.00	78.48 6.41 0.00	82.92 6.92 0.00	102.03 8.88 -1.60	124.49 11.21 -3.39	151.67 12.93 -16.79	174.59 15.25 -27.87	215.21 18.40 -33.99	259.10 19.99 -53.98	260.28 21.79 -32.89	214.38 18.51 -12.62	149.85 11.50 -16.05	105.86 7.99 -5.00	79.30 5.39 0.00	68.53 4.36 0.00
CE_NYC2_DRP 24202	73.82 4.96 0.00	69.81 4.87 0.00	65.04 4.31 0.00	60.61 4.12 0.00	60.24 4.05 0.00	60.98 3.83 0.00	62.00 4.49 0.00	68.21 4.88 0.00	72.76 5.33 0.00	77.70 6.15 0.00	71.23 7.49 8.33	83.49 7.52 0.03	91.06 9.70 10.19	114.80 12.31 7.40	152.90 14.03 -16.92	166.63 17.09 -18.07	217.09 20.03 -34.24	248.83 21.66 -42.04	252.85 23.23 -24.03	215.22 19.24 -12.73	150.08 11.62 -16.17	104.81 7.89 -4.04	79.36 5.47 0.01	68.98 4.81 0.00
CE_NYC_DRP 24195	73.96 5.10 0.00	70.01 5.07 0.00	65.22 4.49 0.00	60.61 4.12 0.00	60.18 3.99 0.00	61.16 4.00 0.00	62.17 4.66 0.00	68.46 5.13 0.00	72.96 5.53 0.00	77.92 6.37 0.00	79.63 7.57 0.00	84.06 8.06 0.00	103.42 10.25 -1.62	126.28 12.97 -3.42	153.87 15.00 -16.92	177.42 17.88 -28.08	218.39 21.33 -34.24	262.62 23.14 -54.35	263.40 24.67 -33.14	216.88 20.89 -12.74	155.33 12.60 -20.43	106.64 8.73 -5.04	80.04 6.13 0.00	69.17 5.01 0.00
CHAFFEE___LFGE 323603	69.55 0.69 0.00	65.07 0.13 0.00	59.45 -1.28 0.00	55.30 -1.19 0.00	54.28 -1.91 0.00	55.61 -1.54 0.00	55.50 -2.01 0.00	60.80 -2.54 0.00	64.87 -2.56 0.00	69.54 -2.00 0.00	70.55 -1.52 0.00	75.55 -0.45 0.00	90.72 -0.83 0.00	108.58 -1.31 0.00	119.80 -3.91 -1.75	130.56 -4.34 -3.43	161.78 -5.37 -4.33	186.22 -6.48 -7.57	202.51 -6.99 -3.90	181.34 -2.74 -0.84	124.09 -0.12 -1.92	92.87 -0.65 -0.64	74.20 0.30 0.00	63.53 -0.64 0.00
CHATEAUG_35_KV_LOAD 355732	66.80 -2.07 0.00	62.80 -2.14 0.00	58.96 -1.76 0.00	55.24 -1.24 0.00	55.29 -0.90 0.00	56.13 -1.03 0.00	56.31 -1.21 0.00	62.00 -1.33 0.00	65.95 -1.48 0.00	69.76 -1.79 0.00	69.54 -2.52 0.00	72.73 -3.27 0.00	87.15 -4.39 0.00	104.18 -5.71 0.00	115.74 -6.22 0.00	121.02 -7.36 3.09	153.87 -8.96 0.00	175.50 -9.63 0.00	195.11 -10.49 0.00	173.90 -9.35 0.00	115.94 -6.36 0.00	88.32 -4.55 0.00	71.39 -2.51 0.00	62.63 -1.54 0.00
CHATEAUG_WT_PWR 323614	66.73 -2.14 0.00	62.67 -2.27 0.00	58.84 -1.88 0.00	55.13 -1.36 0.00	55.35 -0.84 0.00	55.78 -1.37 0.00	56.48 -1.03 0.00	61.88 -1.45 0.00	65.88 -1.55 0.00	69.76 -1.79 0.00	69.76 -2.31 0.00	72.73 -3.27 0.00	87.25 -4.30 0.00	104.30 -5.60 0.00	115.74 -6.22 0.00	124.49 -6.97 0.00	154.03 -8.79 0.00	175.50 -9.63 0.00	194.90 -10.70 0.00	173.71 -9.54 0.00	115.81 -6.49 0.00	88.23 -4.64 0.00	71.17 -2.73 0.00	62.50 -1.67 0.00
CHAT_HIGH_FALL_HYD 323578	66.80 -2.07 0.00	62.80 -2.14 0.00	58.96 -1.76 0.00	55.24 -1.24 0.00	55.29 -0.90 0.00	56.13 -1.03 0.00	56.31 -1.21 0.00	62.00 -1.33 0.00	65.95 -1.48 0.00	69.76 -1.79 0.00	69.54 -2.52 0.00	72.73 -3.27 0.00	87.15 -4.39 0.00	104.18 -5.71 0.00	115.74 -6.22 0.00	121.02 -7.36 3.09	153.87 -8.96 0.00	175.50 -9.63 0.00	195.11 -10.49 0.00	173.90 -9.35 0.00	115.94 -6.36 0.00	88.32 -4.55 0.00	71.39 -2.51 0.00	62.63 -1.54 0.00
CHAUTAUQUA___LFGE 323629	70.38 1.51 0.00	65.92 0.98 0.00	60.18 -0.55 0.00	55.98 -0.51 0.00	55.01 -1.18 0.00	56.47 -0.68 0.00	56.42 -1.09 0.00	61.94 -1.39 0.00	66.15 -1.28 0.00	70.90 -0.65 0.00	71.92 -0.14 0.00	76.84 0.84 0.00	92.28 0.73 0.00	110.56 0.66 0.00	122.12 -1.59 -1.75	133.06 -1.84 -3.43	165.20 -1.95 -4.33	189.93 -2.77 -7.57	207.04 -2.46 -3.90	185.55 1.46 -0.84	126.90 2.69 -1.92	95.00 1.48 -0.64	75.53 1.62 0.00	64.49 0.32 0.00
CHERRYST_13_KV_LD 356241	74.30 5.44 0.00	70.27 5.33 0.00	65.52 4.80 0.00	60.84 4.35 0.00	60.41 4.21 0.00	61.44 4.29 0.00	62.46 4.95 0.00	68.78 5.45 0.00	73.36 5.93 0.00	78.34 6.80 0.00	80.14 8.07 0.00	84.59 8.59 0.00	104.06 10.89 -1.62	127.05 13.74 -3.42	154.73 15.85 -16.92	178.34 18.80 -28.08	219.53 22.47 -34.24	263.73 24.25 -54.35	264.64 25.90 -33.14	217.97 21.99 -12.73	151.80 13.33 -16.17	107.10 9.19 -5.04	80.33 6.43 0.00	69.49 5.33 0.00



CHESTROR_138KV_BK263 355645	72.44 3.58 0.00	68.45 3.51 0.00	63.82 3.10 0.00	59.31 2.82 0.00	58.83 2.64 0.00	59.90 2.74 0.00	60.68 3.16 0.00	66.82 3.48 0.00	71.27 3.84 0.00	75.84 4.29 0.00	77.33 5.26 0.00	81.78 5.78 0.00	100.20 7.32 -1.33	121.93 9.23 -2.80	147.68 10.73 -14.99	169.30 12.62 -25.22	208.97 15.31 -30.84	251.38 16.85 -49.40	253.61 18.50 -29.52	209.76 15.58 -10.94	146.50 9.78 -14.41	104.26 6.87 -4.52	78.56 4.66 0.00	67.76 3.59 0.00
CH_MIDHUDSON___DRP 24192	73.13 4.27 0.00	68.97 4.03 0.00	64.37 3.64 0.00	59.82 3.33 0.00	59.34 3.15 0.00	60.47 3.31 0.00	61.20 3.68 0.00	67.45 4.12 0.00	71.95 4.52 0.00	76.48 4.94 0.00	78.12 6.05 0.00	82.61 6.61 0.00	101.31 8.42 -1.34	123.28 10.55 -2.83	149.97 12.07 -15.94	172.57 14.07 -27.04	213.04 17.10 -33.13	257.34 18.88 -53.33	257.94 20.56 -31.79	212.13 17.41 -11.48	148.83 11.01 -15.53	105.56 7.80 -4.89	79.30 5.39 0.00	68.40 4.24 0.00
CH_MISC_IPPS 23765	73.41 4.54 0.00	69.23 4.29 0.00	64.55 3.83 0.00	59.93 3.45 0.00	59.28 3.09 0.00	60.64 3.49 0.00	61.31 3.80 0.00	67.64 4.31 0.00	72.22 4.79 0.00	76.84 5.29 0.00	78.33 6.27 0.00	83.22 7.22 0.00	101.94 9.15 -1.24	123.95 11.43 -2.63	150.22 12.92 -15.35	172.36 14.72 -26.18	213.33 18.39 -32.12	257.38 20.36 -51.89	258.46 22.21 -30.65	212.64 18.50 -10.89	149.27 11.99 -14.98	106.43 8.83 -4.73	80.11 6.21 0.00	68.98 4.82 0.00
CH_RES_BVR_FALLS 23983	68.04 -0.82 0.00	64.23 -0.71 0.00	60.18 -0.55 0.00	56.09 -0.39 0.00	55.97 -0.22 0.00	56.81 -0.34 0.00	57.17 -0.34 0.00	62.96 -0.38 0.00	66.96 -0.47 0.00	71.05 -0.50 0.00	71.34 -0.72 0.00	74.94 -1.06 0.00	89.62 -1.93 0.00	107.37 -2.52 0.00	119.16 -2.80 0.00	129.56 -3.02 -1.11	158.91 -3.91 0.00	180.88 -4.25 0.00	200.66 -4.94 0.00	178.68 -4.57 0.00	119.25 -3.05 0.00	90.64 -2.23 0.00	72.43 -1.48 0.00	63.46 -0.70 0.00
CH_RES_NIAGARA 23895	67.28 -1.58 0.00	63.19 -1.75 0.00	58.36 -2.37 0.00	54.28 -2.20 0.00	53.33 -2.87 0.00	53.73 -3.43 0.00	53.60 -3.91 0.00	58.52 -4.81 0.00	62.31 -5.12 0.00	66.83 -4.72 0.00	67.67 -4.40 0.00	72.43 -3.57 0.00	86.60 -4.94 0.00	104.07 -5.82 0.00	114.24 -9.27 -1.56	124.65 -9.86 -3.05	153.31 -13.35 -3.85	176.49 -15.37 -6.72	190.72 -18.30 -3.42	171.89 -12.09 -0.74	117.50 -6.48 -1.68	88.70 -4.74 -0.56	71.02 -2.88 0.00	61.22 -2.95 0.00
CH_RES_SYRACUSE 23985	68.86 0.00 0.00	64.68 -0.26 0.00	60.24 -0.49 0.00	55.92 -0.56 0.00	55.46 -0.73 0.00	56.58 -0.57 0.00	56.94 -0.58 0.00	62.89 -0.44 0.00	67.03 -0.40 0.00	71.26 -0.29 0.00	72.06 0.00 0.00	76.38 0.38 0.00	91.92 0.37 0.00	110.23 0.33 0.00	123.11 0.12 -1.04	132.94 0.26 -1.21	165.70 0.33 -2.56	189.97 0.37 -4.47	205.80 0.21 0.00	184.17 0.92 0.00	123.16 0.86 0.00	93.53 0.65 0.00	74.27 0.37 0.00	64.04 -0.13 0.00
CLINTON_WT_PWR 323605	66.73 -2.14 0.00	62.67 -2.27 0.00	58.84 -1.88 0.00	55.13 -1.36 0.00	55.35 -0.84 0.00	55.78 -1.37 0.00	56.48 -1.03 0.00	61.88 -1.45 0.00	65.88 -1.55 0.00	69.76 -1.79 0.00	69.76 -2.31 0.00	72.73 -3.27 0.00	87.25 -4.30 0.00	104.30 -5.60 0.00	115.74 -6.22 0.00	124.49 -6.97 0.00	154.03 -8.79 0.00	175.50 -9.63 0.00	194.90 -10.70 0.00	173.71 -9.54 0.00	115.81 -6.49 0.00	88.23 -4.64 0.00	71.17 -2.73 0.00	62.50 -1.67 0.00
CLINTON___LFGE 323618	67.01 -1.86 0.00	62.67 -2.27 0.00	58.84 -1.88 0.00	55.36 -1.13 0.00	55.57 -0.62 0.00	55.78 -1.37 0.00	56.71 -0.81 0.00	62.00 -1.33 0.00	66.01 -1.42 0.00	69.90 -1.64 0.00	69.83 -2.23 0.00	72.96 -3.04 0.00	87.25 -4.30 0.00	104.18 -5.72 0.00	115.49 -6.47 0.00	123.55 -7.23 0.68	153.71 -9.11 0.00	175.50 -9.63 0.00	194.90 -10.70 0.00	173.91 -9.34 0.00	115.94 -6.36 0.00	88.23 -4.64 0.00	71.39 -2.51 0.00	62.63 -1.54 0.00
COBBLENY_34_KV_TB1 80064	69.41 0.55 0.00	65.07 0.13 0.00	59.45 -1.28 0.00	55.24 -1.24 0.00	54.28 -1.91 0.00	55.50 -1.66 0.00	55.50 -2.01 0.00	60.80 -2.53 0.00	64.87 -2.56 0.00	69.62 -1.93 0.00	70.62 -1.44 0.00	75.54 -0.46 0.00	90.54 -1.01 0.00	109.02 -0.88 0.00	119.81 -3.90 -1.75	131.35 -3.55 -3.43	161.94 -5.21 -4.33	186.22 -6.48 -7.57	202.92 -6.58 -3.90	181.52 -2.57 -0.84	124.09 -0.12 -1.92	93.24 -0.28 -0.64	74.20 0.30 0.00	63.53 -0.64 0.00
COFFEEN___115KV_TB3 355620	70.58 1.72 0.00	66.11 1.17 0.00	61.58 0.85 0.00	57.22 0.73 0.00	56.98 0.79 0.00	58.76 1.60 0.00	59.01 1.50 0.00	65.17 1.84 0.00	69.32 1.89 0.00	73.34 1.79 0.00	73.15 1.08 0.00	77.29 1.29 0.00	92.46 0.92 0.00	108.58 -1.32 0.00	120.91 -1.59 -0.53	122.55 -1.45 7.47	163.49 -0.65 -1.32	187.44 0.00 -2.31	208.68 3.08 0.00	187.83 4.58 0.00	125.60 3.30 0.00	97.61 4.74 0.00	77.38 3.47 0.00	66.22 2.05 0.00
COLDSPRG_115KV_BK1 355956	70.10 1.24 0.00	65.79 0.84 0.00	60.06 -0.67 0.00	55.81 -0.68 0.00	55.01 -1.18 0.00	56.30 -0.86 0.00	56.65 -0.86 0.00	62.32 -1.01 0.00	66.62 -0.81 0.00	71.40 -0.14 0.00	72.57 0.50 0.00	77.29 1.29 0.00	92.74 1.19 0.00	111.76 1.87 0.00	122.95 -0.85 -1.85	134.96 -0.13 -3.62	166.74 -0.65 -4.57	191.64 -1.48 -7.99	210.15 0.41 -4.14	187.62 3.48 -0.89	128.25 3.91 -2.03	96.25 2.69 -0.68	75.97 2.07 0.00	64.68 0.51 0.00
COLONIE_LFGE___ 323577	72.03 3.17 0.00	68.00 3.05 0.00	63.58 2.85 0.00	59.03 2.54 0.00	58.50 2.30 0.00	59.73 2.57 0.00	60.16 2.65 0.00	66.31 2.98 0.00	70.60 3.17 0.00	74.69 3.14 0.00	75.68 3.60 -0.02	80.10 4.10 0.00	108.18 5.12 -11.51	140.71 6.48 -24.33	189.78 7.32 -60.51	221.80 7.75 -82.58	268.51 9.93 -95.76	324.93 11.48 -128.32	377.47 12.75 -159.12	268.52 11.18 -74.10	207.18 7.46 -77.42	121.64 5.57 -23.19	77.67 3.77 0.00	66.99 2.82 0.00
COOPERNY_115KV_TB1 80082	71.48 2.62 0.00	67.54 2.60 0.00	63.03 2.31 0.00	58.58 2.09 0.00	58.16 1.97 0.00	59.21 2.06 0.00	59.87 2.36 0.00	65.87 2.53 0.00	70.19 2.76 0.00	74.70 3.15 0.00	75.96 3.89 0.00	80.26 4.26 0.00	97.74 5.40 -0.79	118.38 6.81 -1.67	140.74 7.81 -10.98	159.70 9.20 -19.03	197.48 11.23 -23.43	235.71 12.22 -38.36	241.22 13.57 -22.06	202.27 11.54 -7.48	140.42 7.34 -10.78	101.50 5.20 -3.43	77.38 3.47 0.00	66.80 2.63 0.00
COPENHAGEN_WT_PWR 323753	69.83 0.96 0.00	65.46 0.52 0.00	61.03 0.31 0.00	56.71 0.23 0.00	56.47 0.28 0.00	58.18 1.03 0.00	58.43 0.92 0.00	64.53 1.20 0.00	68.64 1.22 0.00	72.69 1.14 0.00	72.64 0.57 0.00	76.68 0.68 0.00	91.82 0.28 0.00	107.92 -1.97 0.00	120.32 -2.19 -0.55	122.28 -2.24 6.95	162.40 -1.79 -1.37	186.03 -1.49 -2.39	206.21 0.62 0.00	185.27 2.02 0.00	123.89 1.59 0.00	96.12 3.25 0.00	76.42 2.51 0.00	65.52 1.35 0.00
CORNELL_____ 23752	70.93 2.07 0.00	66.63 1.69 0.00	61.94 1.21 0.00	57.50 1.02 0.00	57.03 0.84 0.00	58.24 1.09 0.00	58.67 1.15 0.00	64.79 1.46 0.00	68.91 1.48 0.00	73.26 1.72 0.00	74.01 1.95 0.00	78.36 2.36 0.00	94.20 2.65 0.00	112.97 3.08 0.00	127.15 2.93 -2.27	139.59 3.68 -4.44	173.31 4.88 -5.60	200.85 5.92 -9.80	218.62 7.61 -5.42	192.48 8.06 -1.17	130.71 5.75 -2.66	98.23 4.46 -0.90	77.01 3.10 0.00	66.16 1.99 0.00



CORONA__69_KV_TB1 355595	123.89 6.40 -48.62	86.35 6.23 -15.18	66.33 5.59 -0.02	61.63 5.14 0.00	61.19 5.00 0.00	62.18 5.03 0.00	63.09 5.58 0.00	74.66 6.02 -5.31	85.90 6.54 -11.93	88.17 7.30 -9.32	110.20 8.43 -29.70	154.24 8.97 -69.27	158.21 11.26 -55.40	201.92 13.85 -78.18	330.17 16.10 -192.12	378.69 18.54 -228.68	473.67 22.63 -288.22	539.11 24.99 -328.99	439.38 27.34 -206.44	366.07 23.46 -159.37	217.91 14.80 -80.81	111.98 10.40 -8.71	101.87 7.61 -20.35	97.73 6.29 -27.27
CORTLAND__115KV_TB3 80093	70.31 1.45 0.00	66.05 1.10 0.00	61.52 0.79 0.00	57.11 0.62 0.00	56.64 0.45 0.00	57.84 0.69 0.00	58.21 0.69 0.00	64.28 0.95 0.00	68.44 1.01 0.00	72.76 1.22 0.00	73.58 1.51 0.00	77.90 1.90 0.00	93.65 2.11 0.00	112.42 2.53 0.00	126.23 2.44 -1.83	137.17 2.89 -2.81	171.09 3.74 -4.53	197.30 4.26 -7.92	215.07 5.35 -4.13	189.82 5.68 -0.89	128.49 4.16 -2.03	96.71 3.16 -0.68	76.12 2.22 0.00	65.52 1.35 0.00
COXSACKIE__GT 23611	73.27 4.41 0.00	68.97 4.03 0.00	64.43 3.70 0.00	59.65 3.16 0.00	59.11 2.92 0.00	60.47 3.31 0.00	60.62 3.10 0.00	66.69 3.35 0.00	70.60 3.17 0.00	74.10 2.57 0.02	75.00 2.96 0.02	79.32 4.64 1.32	80.90 5.95 16.60	83.36 7.48 34.01	77.72 8.41 52.65	85.15 8.81 55.13	106.91 12.37 68.27	130.83 15.92 70.23	133.34 18.71 90.96	131.31 16.50 68.44	101.13 11.49 32.66	94.16 8.45 7.17	79.30 5.84 0.44	68.08 3.91 0.00
CPV_VALLEY__CC1 323721	71.82 2.96 0.00	67.80 2.85 0.00	63.34 2.61 0.00	58.80 2.32 0.00	58.21 2.02 0.00	59.44 2.29 0.00	60.11 2.59 0.00	66.25 2.91 0.00	70.60 3.17 0.00	75.12 3.58 0.00	76.39 4.32 0.00	80.94 4.94 0.00	99.02 6.31 -1.16	120.49 8.13 -2.46	144.90 9.26 -13.68	165.41 10.78 -23.16	204.54 13.35 -28.36	245.21 14.45 -45.63	248.63 16.05 -26.99	206.46 13.37 -9.84	143.80 8.32 -13.18	102.87 5.85 -4.15	77.82 3.91 0.00	67.18 3.02 0.00
CPV_VALLEY__CC2 323722	71.82 2.96 0.00	67.80 2.85 0.00	63.34 2.61 0.00	58.80 2.32 0.00	58.21 2.02 0.00	59.44 2.29 0.00	60.11 2.59 0.00	66.25 2.91 0.00	70.60 3.17 0.00	75.12 3.58 0.00	76.39 4.32 0.00	80.94 4.94 0.00	99.02 6.31 -1.16	120.49 8.13 -2.46	144.90 9.26 -13.68	165.41 10.78 -23.16	204.54 13.35 -28.36	245.21 14.45 -45.63	248.63 16.05 -26.99	206.46 13.37 -9.84	143.80 8.32 -13.18	102.87 5.85 -4.15	77.82 3.91 0.00	67.18 3.02 0.00
CRESCENT__HYD 24018	72.03 3.17 0.00	68.00 3.05 0.00	63.58 2.85 0.00	59.03 2.54 0.00	58.50 2.30 0.00	59.73 2.57 0.00	60.16 2.65 0.00	66.31 2.98 0.00	70.60 3.17 0.00	74.69 3.14 0.00	75.68 3.60 -0.02	80.10 4.10 0.00	108.18 5.12 -11.51	140.71 6.48 -24.33	189.78 7.32 -60.51	221.80 7.75 -82.58	268.51 9.93 -95.76	324.93 11.48 -128.32	377.47 12.75 -159.12	268.52 11.18 -74.10	207.18 7.46 -77.42	121.64 5.57 -23.19	77.67 3.77 0.00	66.99 2.82 0.00
CRICKET__VALLEY_CC1 323756	72.10 3.24 0.00	68.19 3.25 0.00	63.64 2.91 0.00	59.14 2.66 0.00	58.55 2.36 0.00	59.79 2.63 0.00	60.45 2.93 0.00	66.63 3.29 0.00	71.00 3.57 0.00	75.41 3.86 0.00	76.68 4.62 0.00	81.09 5.09 0.00	100.45 6.68 -2.23	123.18 8.58 -4.71	151.80 9.87 -19.97	174.79 11.17 -32.16	215.59 13.83 -38.94	260.98 15.36 -60.50	261.98 16.65 -39.74	213.26 13.75 -16.26	150.36 8.68 -19.37	105.06 6.22 -5.97	78.04 4.14 0.00	67.38 3.21 0.00
CRICKET__VALLEY_CC2 323757	72.10 3.24 0.00	68.19 3.25 0.00	63.64 2.91 0.00	59.14 2.66 0.00	58.55 2.36 0.00	59.79 2.63 0.00	60.45 2.93 0.00	66.63 3.29 0.00	71.00 3.57 0.00	75.41 3.86 0.00	76.68 4.62 0.00	81.09 5.09 0.00	100.45 6.68 -2.23	123.18 8.58 -4.71	151.80 9.87 -19.97	174.79 11.17 -32.16	215.59 13.83 -38.94	260.98 15.36 -60.50	261.98 16.65 -39.74	213.26 13.75 -16.26	150.36 8.68 -19.37	105.06 6.22 -5.97	78.04 4.14 0.00	67.38 3.21 0.00
CRICKET__VALLEY_CC3 323758	72.10 3.24 0.00	68.19 3.25 0.00	63.64 2.91 0.00	59.14 2.66 0.00	58.55 2.36 0.00	59.79 2.63 0.00	60.45 2.93 0.00	66.63 3.29 0.00	71.00 3.57 0.00	75.41 3.86 0.00	76.68 4.62 0.00	81.09 5.09 0.00	100.45 6.68 -2.23	123.18 8.58 -4.71	151.80 9.87 -19.97	174.79 11.17 -32.16	215.59 13.83 -38.94	260.98 15.36 -60.50	261.98 16.65 -39.74	213.26 13.75 -16.26	150.36 8.68 -19.37	105.06 6.22 -5.97	78.04 4.14 0.00	67.38 3.21 0.00
CRUCIBLE__METL_DRP 24180	68.86 0.00 0.00	64.68 -0.26 0.00	60.24 -0.49 0.00	55.92 -0.56 0.00	55.52 -0.67 0.00	56.53 -0.63 0.00	56.94 -0.58 0.00	62.89 -0.44 0.00	67.03 -0.40 0.00	71.33 -0.21 0.00	72.14 0.07 0.00	76.38 0.38 0.00	91.91 0.37 0.00	110.34 0.44 0.00	123.11 0.12 -1.04	133.07 0.39 -1.21	165.70 0.33 -2.56	189.97 0.37 -4.47	206.01 0.41 0.00	184.17 0.92 0.00	123.16 0.86 0.00	93.62 0.74 0.00	74.27 0.37 0.00	64.04 -0.13 0.00
DAHOWA__HYDRO 323763	73.75 4.89 0.00	69.49 4.54 0.00	64.79 4.07 0.00	59.93 3.45 0.00	59.39 3.20 0.00	60.82 3.66 0.00	61.14 3.63 0.00	67.39 4.06 0.00	71.68 4.25 0.00	75.84 4.29 0.00	76.54 4.47 -0.01	81.17 5.17 0.00	105.31 6.23 -7.54	133.41 7.58 -15.93	174.41 8.30 -44.15	202.95 8.54 -62.94	248.11 11.39 -73.89	302.05 13.34 -103.58	361.97 16.05 -140.33	254.37 14.84 -56.28	201.02 10.27 -68.44	121.83 7.80 -21.15	79.37 5.47 0.00	68.28 4.11 0.00
DANC__LFGE 323619	68.86 0.00 0.00	64.62 -0.32 0.00	60.24 -0.49 0.00	55.98 -0.51 0.00	55.68 -0.51 0.00	57.16 0.00 0.00	57.40 -0.11 0.00	63.40 0.06 0.00	67.50 0.07 0.00	71.55 0.00 0.00	71.78 -0.29 0.00	75.85 -0.15 0.00	91.09 -0.46 0.00	107.92 -1.97 0.00	120.29 -2.32 -0.65	124.99 -2.36 4.12	162.00 -2.44 -1.61	185.74 -2.21 -2.82	204.57 -1.02 0.00	183.43 0.18 0.00	122.67 0.37 0.00	94.45 1.58 0.00	75.16 1.26 0.00	64.62 0.45 0.00
DANSKAMMER__1 23586	73.41 4.54 0.00	69.23 4.29 0.00	64.55 3.83 0.00	59.93 3.45 0.00	59.28 3.09 0.00	60.64 3.49 0.00	61.31 3.80 0.00	67.64 4.31 0.00	72.22 4.79 0.00	76.84 5.29 0.00	78.33 6.27 0.00	83.22 7.22 0.00	101.94 9.15 -1.24	123.95 11.43 -2.63	150.22 12.92 -15.35	172.36 14.72 -26.18	213.33 18.39 -32.12	257.38 20.36 -51.89	258.46 22.21 -30.65	212.64 18.50 -10.89	149.27 11.99 -14.98	106.43 8.83 -4.73	80.11 6.21 0.00	68.98 4.82 0.00
DANSKAMMER__2 23589	73.41 4.54 0.00	69.23 4.29 0.00	64.55 3.83 0.00	59.93 3.45 0.00	59.28 3.09 0.00	60.64 3.49 0.00	61.31 3.80 0.00	67.64 4.31 0.00	72.22 4.79 0.00	76.84 5.29 0.00	78.33 6.27 0.00	83.22 7.22 0.00	101.94 9.15 -1.24	123.95 11.43 -2.63	150.22 12.92 -15.35	172.36 14.72 -26.18	213.33 18.39 -32.12	257.38 20.36 -51.89	258.46 22.21 -30.65	212.64 18.50 -10.89	149.27 11.99 -14.98	106.43 8.83 -4.73	80.11 6.21 0.00	68.98 4.82 0.00
DANSKAMMER__3 23590	73.41 4.54 0.00	69.23 4.29 0.00	64.55 3.83 0.00	59.93 3.45 0.00	59.28 3.09 0.00	60.64 3.49 0.00	61.31 3.80 0.00	67.64 4.31 0.00	72.22 4.79 0.00	76.84 5.29 0.00	78.33 6.27 0.00	83.22 7.22 0.00	101.94 9.15 -1.24	123.95 11.43 -2.63	150.22 12.92 -15.35	172.36 14.72 -26.18	213.33 18.39 -32.12	257.38 20.36 -51.89	258.46 22.21 -30.65	212.64 18.50 -10.89	149.27 11.99 -14.98	106.43 8.83 -4.73	80.11 6.21 0.00	68.98 4.82 0.00



DANSKAMMER___4 23591	73.41 4.54 0.00	69.23 4.29 0.00	64.55 3.83 0.00	59.93 3.45 0.00	59.28 3.09 0.00	60.64 3.49 0.00	61.31 3.80 0.00	67.64 4.31 0.00	72.22 4.79 0.00	76.84 5.29 0.00	78.33 6.27 0.00	83.22 7.22 0.00	101.94 9.15 -1.24	123.95 11.43 -2.63	150.22 12.92 -15.35	172.36 14.72 -26.18	213.33 18.39 -32.12	257.38 20.36 -51.89	258.46 22.21 -30.65	212.64 18.50 -10.89	149.27 11.99 -14.98	106.43 8.83 -4.73	80.11 6.21 0.00	68.98 4.82 0.00
DANSKAMMER___DIESEL 23592	73.48 4.61 0.00	69.23 4.29 0.00	64.55 3.83 0.00	59.93 3.45 0.00	59.51 3.32 0.00	60.64 3.49 0.00	61.37 3.85 0.00	67.64 4.31 0.00	72.22 4.79 0.00	76.84 5.29 0.00	78.55 6.49 0.00	83.22 7.22 0.00	101.94 9.15 -1.24	123.84 11.32 -2.63	150.23 12.93 -15.35	172.63 14.99 -26.18	213.33 18.40 -32.12	257.38 20.36 -51.89	258.25 22.00 -30.65	212.65 18.51 -10.89	149.26 11.99 -14.98	106.42 8.82 -4.73	80.04 6.13 0.00	68.98 4.81 0.00
DARBY___SOLAR 323810	73.41 4.54 0.00	69.16 4.22 0.00	64.49 3.77 0.00	59.70 3.22 0.00	59.17 2.98 0.00	60.53 3.37 0.00	60.91 3.39 0.00	67.07 3.74 0.00	71.41 3.98 0.00	75.55 4.00 0.00	76.25 4.18 -0.01	80.79 4.79 0.00	105.36 5.77 -8.04	134.04 7.14 -17.00	176.11 7.92 -46.23	205.05 8.15 -65.44	250.24 10.74 -76.67	304.61 12.76 -106.72	363.59 15.21 -142.78	255.73 13.92 -58.56	201.46 9.55 -69.62	121.63 7.34 -21.42	79.00 5.10 0.00	67.95 3.78 0.00
DASHVILLE___HYD 23610	72.99 4.13 0.00	68.90 3.96 0.00	64.31 3.58 0.00	59.71 3.22 0.00	59.28 3.09 0.00	60.24 3.09 0.00	60.79 3.28 0.00	66.94 3.61 0.00	71.21 3.78 0.00	75.76 4.22 0.01	77.90 5.84 0.00	82.67 6.99 0.32	97.48 8.88 2.95	115.03 11.10 5.97	133.85 12.56 0.67	152.89 14.46 -6.97	189.04 17.91 -8.31	227.61 19.81 -22.68	228.45 21.59 -1.26	193.72 18.32 7.85	137.50 11.74 -3.46	102.96 8.27 -1.82	79.56 5.76 0.11	68.21 4.04 0.00
DELAWARE___LFGE 323621	71.41 2.55 0.00	67.41 2.47 0.00	63.09 2.37 0.00	58.63 2.15 0.00	58.16 1.97 0.00	59.38 2.23 0.00	59.70 2.19 0.00	65.68 2.34 0.00	69.92 2.49 0.00	74.41 2.86 0.00	75.31 3.24 0.00	79.72 3.72 0.00	96.03 4.49 0.00	115.50 5.60 0.00	132.45 6.10 -4.40	146.78 6.70 -8.61	181.82 8.14 -10.86	213.19 9.07 -18.99	234.62 10.90 -18.13	196.86 9.71 -3.89	137.80 6.60 -8.90	100.79 4.92 -2.99	77.23 3.33 0.00	66.54 2.37 0.00
DERFIELD_115KV_TB7 355931	69.41 0.55 0.00	65.46 0.52 0.00	61.27 0.55 0.00	56.94 0.45 0.00	56.64 0.45 0.00	57.67 0.51 0.00	58.03 0.52 0.00	63.90 0.57 0.00	68.04 0.61 0.00	72.19 0.64 0.00	72.86 0.79 0.00	76.99 0.99 0.00	92.74 1.19 0.00	111.32 1.43 0.00	123.66 1.71 0.00	132.61 1.84 0.70	165.10 2.28 0.00	187.54 2.41 0.00	208.47 2.88 0.00	185.81 2.57 0.00	123.89 1.59 0.00	94.08 1.21 0.00	74.72 0.81 0.00	64.68 0.51 0.00
DOGLEVILLE___HYD 23807	70.86 2.00 0.00	66.76 1.82 0.00	62.43 1.70 0.00	58.01 1.53 0.00	57.71 1.52 0.00	58.93 1.77 0.00	59.36 1.84 0.00	65.42 2.09 0.00	69.72 2.29 0.00	74.05 2.50 0.00	74.73 2.67 0.00	78.96 2.96 0.00	95.03 3.48 0.00	113.96 4.07 0.00	126.59 4.63 0.00	135.50 4.73 0.70	168.52 5.70 0.00	191.61 6.48 0.00	213.00 7.40 0.00	190.03 6.78 0.00	126.83 4.53 0.00	96.31 3.44 0.00	76.64 2.73 0.00	66.29 2.12 0.00
DUNKIRK__115KV_TB_200 55889	70.10 1.24 0.00	65.79 0.84 0.00	60.12 -0.61 0.00	55.81 -0.68 0.00	54.96 -1.24 0.00	56.18 -0.97 0.00	56.36 -1.15 0.00	61.81 -1.52 0.00	65.95 -1.48 0.00	70.76 -0.79 0.00	71.85 -0.22 0.00	76.68 0.68 0.00	91.91 0.37 0.00	110.67 0.77 0.00	121.88 -1.83 -1.75	133.58 -1.31 -3.43	164.86 -2.28 -4.32	189.54 -3.15 -7.55	206.82 -2.67 -3.89	185.19 1.10 -0.84	126.66 2.45 -1.91	95.09 1.58 -0.64	75.38 1.48 0.00	64.36 0.19 0.00
DUNKIRK___1 23563	70.10 1.24 0.00	65.79 0.84 0.00	60.12 -0.61 0.00	55.81 -0.68 0.00	54.96 -1.24 0.00	56.18 -0.97 0.00	56.36 -1.15 0.00	61.81 -1.52 0.00	65.95 -1.48 0.00	70.76 -0.79 0.00	71.85 -0.22 0.00	76.68 0.68 0.00	91.91 0.37 0.00	110.67 0.77 0.00	121.88 -1.83 -1.75	133.58 -1.31 -3.43	164.86 -2.28 -4.32	189.54 -3.15 -7.55	206.82 -2.67 -3.89	185.19 1.10 -0.84	126.66 2.45 -1.91	95.09 1.58 -0.64	75.38 1.48 0.00	64.36 0.19 0.00
DUNKIRK___2 23564	70.10 1.24 0.00	65.79 0.84 0.00	60.12 -0.61 0.00	55.81 -0.68 0.00	54.96 -1.24 0.00	56.18 -0.97 0.00	56.36 -1.15 0.00	61.81 -1.52 0.00	65.95 -1.48 0.00	70.76 -0.79 0.00	71.85 -0.22 0.00	76.68 0.68 0.00	91.91 0.37 0.00	110.67 0.77 0.00	121.88 -1.83 -1.75	133.58 -1.31 -3.43	164.86 -2.28 -4.32	189.54 -3.15 -7.55	206.82 -2.67 -3.89	185.19 1.10 -0.84	126.66 2.45 -1.91	95.09 1.58 -0.64	75.38 1.48 0.00	64.36 0.19 0.00
DUNKIRK___3 23565	69.62 0.76 0.00	65.40 0.45 0.00	59.69 -1.03 0.00	55.47 -1.02 0.00	54.62 -1.57 0.00	55.84 -1.31 0.00	55.90 -1.61 0.00	61.31 -2.03 0.00	65.41 -2.02 0.00	70.19 -1.36 0.00	71.20 -0.86 0.00	76.00 0.00 0.00	91.18 -0.37 0.00	109.68 -0.22 0.00	120.77 -2.93 -1.74	132.38 -2.50 -3.41	163.38 -3.74 -4.30	187.84 -4.81 -7.52	204.95 -4.52 -3.88	183.53 -0.55 -0.83	125.43 1.22 -1.90	94.16 0.65 -0.64	74.72 0.81 0.00	63.91 -0.26 0.00
DUNKIRK___4 23566	69.62 0.76 0.00	65.40 0.45 0.00	59.69 -1.03 0.00	55.47 -1.02 0.00	54.62 -1.57 0.00	55.84 -1.31 0.00	55.90 -1.61 0.00	61.31 -2.03 0.00	65.41 -2.02 0.00	70.19 -1.36 0.00	71.20 -0.86 0.00	76.00 0.00 0.00	91.18 -0.37 0.00	109.68 -0.22 0.00	120.77 -2.93 -1.74	132.38 -2.50 -3.41	163.38 -3.74 -4.30	187.84 -4.81 -7.52	204.95 -4.52 -3.88	183.53 -0.55 -0.83	125.43 1.22 -1.90	94.16 0.65 -0.64	74.72 0.81 0.00	63.91 -0.26 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	73.68 4.82 0.00	69.62 4.68 0.00	64.92 4.19 0.00	60.33 3.84 0.00	59.90 3.71 0.00	60.93 3.77 0.00	61.83 4.31 0.00	68.08 4.75 0.00	72.62 5.19 0.00	77.41 5.87 0.00	79.06 6.99 0.00	83.52 7.52 0.00	102.69 9.52 -1.62	125.41 12.09 -3.42	152.78 13.90 -16.92	175.98 16.43 -28.08	216.76 19.70 -34.24	260.95 21.48 -54.35	261.97 23.23 -33.14	215.77 19.79 -12.73	150.70 12.23 -16.17	106.36 8.45 -5.04	79.74 5.84 0.00	68.92 4.75 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	72.92 4.06 0.00	68.84 3.90 0.00	64.19 3.46 0.00	59.59 3.11 0.00	59.17 2.98 0.00	60.24 3.09 0.00	61.02 3.51 0.00	67.26 3.93 0.00	71.75 4.32 0.00	76.34 4.79 0.00	77.98 5.91 0.00	82.54 6.54 0.00	100.97 8.33 -1.09	122.53 10.33 -2.31	148.20 11.83 -14.41	170.22 13.94 -24.82	210.43 17.10 -30.52	253.43 18.70 -49.60	254.86 20.35 -28.91	210.47 17.23 -10.00	147.44 11.01 -14.13	105.16 7.80 -4.48	79.22 5.32 0.00	68.34 4.17 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	73.97 5.10 -0.01	69.95 5.00 -0.01	64.92 4.19 0.00	60.55 4.07 0.00	60.29 4.10 0.00	60.81 3.66 0.00	61.77 4.26 0.00	68.08 4.75 0.00	72.55 5.12 0.00	77.56 6.01 0.00	76.68 7.06 2.45	82.71 7.14 0.43	99.13 9.43 1.84	122.56 12.42 -0.25	153.03 14.15 -16.93	174.08 17.35 -25.27	217.42 20.35 -34.25	257.68 21.66 -50.89	259.41 23.23 -30.58	215.41 19.42 -12.74	150.35 11.86 -16.18	105.76 8.08 -4.81	79.51 5.62 0.01	69.11 4.94 0.00



E179THST_13_KV_LOAD 356214	74.52 5.65 -0.01	70.47 5.52 -0.01	65.34 4.62 0.00	60.95 4.46 0.00	60.69 4.50 0.00	61.21 4.06 0.00	62.17 4.66 0.00	68.59 5.26 0.00	73.03 5.60 0.00	78.13 6.58 0.00	77.33 7.71 2.45	83.40 7.83 0.43	99.96 10.25 1.84	123.55 13.41 -0.25	154.13 15.24 -16.93	175.27 18.54 -25.27	218.89 21.82 -34.25	259.53 23.51 -50.89	261.46 25.29 -30.58	217.25 21.26 -12.74	151.45 12.96 -16.18	106.60 8.92 -4.81	80.18 6.28 0.01	69.62 5.45 0.00
EAST HAMPTON___GT 23717	91.38 9.57 -12.95	88.77 8.71 -15.12	68.39 7.65 -0.02	63.44 6.95 -0.01	62.60 6.40 -0.01	64.08 6.91 -0.01	65.28 7.76 -0.01	77.89 9.25 -5.31	89.87 10.51 -11.93	93.32 12.45 -9.32	86.69 12.90 -1.73	100.50 14.75 -9.75	224.38 18.31 -114.52	276.65 20.78 -145.98	293.88 22.44 -149.49	298.58 24.06 -143.05	386.11 27.68 -195.61	473.25 30.92 -257.20	422.12 35.15 -181.38	352.28 31.88 -137.15	275.84 20.54 -133.00	267.84 14.96 -160.01	92.81 12.86 -6.04	76.97 10.39 -2.40
EAST RIVER___6 23660	73.89 5.02 0.00	69.94 5.00 0.00	65.16 4.43 0.00	60.56 4.07 0.00	59.79 3.60 0.00	61.04 3.89 0.00	62.00 4.49 0.00	68.40 5.07 0.00	72.89 5.46 0.00	77.85 6.30 0.00	79.34 7.28 0.00	83.98 7.98 0.00	103.24 10.07 -1.62	126.28 12.96 -3.42	153.75 14.87 -16.92	177.03 17.49 -28.08	218.21 21.16 -34.24	262.24 22.76 -54.35	263.19 24.45 -33.14	216.68 20.70 -12.73	150.95 12.48 -16.17	106.55 8.64 -5.04	80.03 6.13 0.00	69.11 4.94 0.00
EAST RIVER___7 23524	73.89 5.02 0.00	69.94 5.00 0.00	65.16 4.43 0.00	60.56 4.07 0.00	59.79 3.60 0.00	61.04 3.89 0.00	62.00 4.49 0.00	68.40 5.07 0.00	72.89 5.46 0.00	77.85 6.30 0.00	79.34 7.28 0.00	83.98 7.98 0.00	103.24 10.07 -1.62	126.28 12.96 -3.42	153.75 14.87 -16.92	177.03 17.49 -28.08	218.21 21.16 -34.24	262.24 22.76 -54.35	263.19 24.45 -33.14	216.68 20.70 -12.73	150.95 12.48 -16.17	106.55 8.64 -5.04	80.03 6.13 0.00	69.11 4.94 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	73.48 4.61 0.00	69.42 4.48 0.00	64.73 4.01 0.00	60.16 3.67 0.00	59.68 3.48 0.00	60.70 3.54 0.00	61.60 4.08 0.00	67.83 4.50 0.00	72.35 4.92 0.00	77.13 5.58 0.00	78.77 6.70 0.00	83.22 7.22 0.00	102.32 9.15 -1.61	124.96 11.65 -3.41	152.25 13.42 -16.88	175.39 15.91 -28.01	216.03 19.05 -34.16	260.27 20.92 -54.22	261.27 22.62 -33.06	215.01 19.06 -12.70	150.30 11.86 -16.14	106.07 8.17 -5.03	79.52 5.62 0.00	68.66 4.49 0.00
EAST_HAMPTON___DIESEL 23722	91.31 9.51 -12.95	88.70 8.64 -15.12	68.33 7.59 -0.02	63.38 6.89 -0.01	62.55 6.35 -0.01	64.02 6.86 -0.01	65.23 7.71 -0.01	77.82 9.18 -5.31	89.87 10.51 -11.93	93.32 12.45 -9.32	86.69 12.90 -1.73	100.50 14.75 -9.75	224.38 18.31 -114.52	276.65 20.78 -145.98	293.88 22.44 -149.49	298.45 23.93 -143.05	386.11 27.68 -195.61	473.07 30.74 -257.20	421.93 34.95 -181.38	352.28 31.88 -137.15	275.84 20.54 -133.00	267.84 14.96 -160.01	92.81 12.86 -6.04	76.97 10.39 -2.40
EAST_POINT___SOLAR 323840	75.27 6.41 0.00	70.72 5.78 0.00	65.83 5.10 0.00	60.89 4.41 0.00	60.41 4.22 0.00	62.01 4.86 0.00	61.71 4.20 0.00	67.26 3.93 0.00	71.07 3.64 0.00	74.77 3.22 0.00	75.31 3.25 0.00	79.65 3.65 0.00	99.00 4.12 -3.33	121.33 20.78 -7.04	154.68 4.88 -27.84	179.81 4.21 -44.14	221.12 5.05 -53.25	273.56 6.65 -81.77	326.65 12.33 -108.72	234.09 15.93 -34.90	188.08 12.60 -53.18	119.59 9.66 -17.06	81.15 7.25 0.00	69.49 5.32 0.00
EAST_PULASKI___ESR 323781	68.04 -0.82 0.00	63.90 -1.04 0.00	59.57 -1.16 0.00	55.36 -1.13 0.00	54.96 -1.24 0.00	56.24 -0.92 0.00	56.54 -0.98 0.00	62.39 -0.95 0.00	66.42 -1.01 0.00	70.55 -1.00 0.00	71.06 -1.01 0.00	75.24 -0.76 0.00	90.45 -1.09 0.00	107.92 -1.97 0.00	120.38 -2.32 -0.75	127.76 -2.36 1.35	162.05 -2.61 -1.85	185.58 -2.77 -3.23	203.14 -2.46 0.00	181.98 -1.27 0.00	121.69 -0.61 0.00	92.97 0.09 0.00	73.90 0.00 0.00	63.72 -0.45 0.00
EAST_RIVER___1 323558	73.96 5.10 0.00	70.01 5.07 0.00	65.22 4.49 0.00	60.61 4.12 0.00	59.90 3.71 0.00	61.15 4.00 0.00	62.06 4.54 0.00	68.46 5.13 0.00	72.96 5.53 0.00	77.91 6.37 0.00	79.42 7.35 0.00	84.05 8.05 0.00	103.42 10.25 -1.62	126.50 13.18 -3.42	153.87 15.00 -16.92	177.17 17.62 -28.08	218.38 21.32 -34.24	262.61 23.14 -54.35	263.60 24.87 -33.14	216.86 20.88 -12.73	151.07 12.60 -16.17	106.64 8.73 -5.04	80.11 6.21 0.00	69.18 5.01 0.00
EAST_RIVER___2 323559	73.89 5.02 0.00	69.94 5.00 0.00	65.16 4.43 0.00	60.56 4.07 0.00	59.79 3.60 0.00	61.04 3.89 0.00	62.00 4.49 0.00	68.40 5.07 0.00	72.89 5.46 0.00	77.85 6.30 0.00	79.34 7.28 0.00	83.98 7.98 0.00	103.24 10.07 -1.62	126.28 12.96 -3.42	153.75 14.87 -16.92	177.03 17.49 -28.08	218.21 21.16 -34.24	262.24 22.76 -54.35	263.19 24.45 -33.14	216.68 20.70 -12.73	150.95 12.48 -16.17	106.55 8.64 -5.04	80.03 6.13 0.00	69.11 4.94 0.00
EAST___DELAWARE_HYD 23607	72.79 3.92 0.00	68.58 3.63 0.00	63.94 3.22 0.00	59.31 2.82 0.00	58.72 2.53 0.00	60.07 2.91 0.00	60.68 3.16 0.00	67.64 4.31 0.00	72.15 4.72 0.00	76.70 5.15 0.00	77.98 5.91 0.00	82.81 6.92 0.10	100.16 8.70 0.09	120.68 10.88 0.10	143.81 12.45 -9.41	164.32 14.46 -18.40	203.75 18.55 -22.38	241.96 18.51 -38.32	245.01 20.56 -18.86	205.12 17.42 -4.45	143.60 11.13 -10.17	104.18 7.89 -3.42	79.34 5.47 0.03	68.21 4.05 0.00
EIGHT_POINT___WT_PWR 323820	70.31 1.45 0.00	65.78 0.84 0.00	60.54 -0.18 0.00	56.32 -0.17 0.00	55.57 -0.62 0.00	57.10 -0.06 0.00	57.34 -0.17 0.00	63.15 -0.19 0.00	67.16 -0.27 0.00	71.55 0.00 0.00	72.28 0.22 0.00	76.84 0.84 0.00	92.37 0.82 0.00	110.01 0.11 0.00	122.46 -1.59 -2.09	133.99 -1.57 -4.10	166.68 -1.31 -5.17	193.24 -0.92 -9.03	210.97 0.62 -4.76	188.30 4.03 -1.02	128.92 4.28 -2.34	97.00 3.34 -0.79	76.49 2.59 0.00	65.32 1.16 0.00
ELBRIDGE_115KV_TB2 80188	68.79 -0.07 0.00	64.68 -0.26 0.00	60.18 -0.55 0.00	55.92 -0.56 0.00	55.46 -0.73 0.00	56.53 -0.63 0.00	56.88 -0.63 0.00	62.76 -0.57 0.00	66.89 -0.54 0.00	71.19 -0.36 0.00	71.99 -0.07 0.00	76.23 0.23 0.00	91.73 0.18 0.00	110.12 0.22 0.00	122.93 -0.12 -1.10	133.02 0.13 -1.42	165.53 0.00 -2.71	189.87 0.00 -4.74	205.59 0.00 0.00	183.98 0.73 0.00	123.03 0.73 0.00	93.52 0.65 0.00	74.20 0.30 0.00	63.98 -0.19 0.00
ELEC_TRO_TEK 24086	103.17 5.78 -28.52	85.74 5.65 -15.15	65.78 5.04 -0.02	61.17 4.69 0.00	60.69 4.50 0.00	61.73 4.57 0.00	62.63 5.12 0.00	74.22 5.57 -5.31	85.43 6.07 -11.93	87.67 6.80 -9.32	93.31 7.71 -13.54	115.77 8.21 -31.56	128.11 10.34 -26.22	165.96 12.86 -43.20	291.24 14.88 -154.41	328.86 17.35 -180.04	419.82 21.17 -235.83	484.78 23.14 -276.51	423.66 25.08 -192.98	352.12 21.44 -147.44	211.08 13.33 -75.45	108.69 9.38 -6.44	90.29 6.80 -9.59	82.61 5.58 -12.86
ELLENBURG_WT_PWR 323604	66.73 -2.14 0.00	62.67 -2.27 0.00	58.84 -1.88 0.00	55.13 -1.36 0.00	55.35 -0.84 0.00	55.78 -1.37 0.00	56.48 -1.03 0.00	61.88 -1.45 0.00	65.88 -1.55 0.00	69.76 -1.79 0.00	69.76 -2.31 0.00	72.73 -3.27 0.00	87.25 -4.30 0.00	104.30 -5.60 0.00	115.74 -6.22 0.00	124.49 -6.97 0.00	154.03 -8.79 0.00	175.50 -9.63 0.00	194.90 -10.70 0.00	173.71 -9.54 0.00	115.81 -6.49 0.00	88.23 -4.64 0.00	71.17 -2.73 0.00	62.50 -1.67 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	69.07 0.21 0.00	64.81 -0.13 0.00	59.21 -1.52 0.00	55.02 -1.47 0.00	54.06 -2.14 0.00	55.27 -1.89 0.00	55.16 -2.36 0.00	60.42 -2.91 0.00	64.40 -3.03 0.00	69.11 -2.43 0.00	70.12 -1.95 0.00	74.94 -1.06 0.00	89.72 -1.83 0.00	107.92 -1.98 0.00	118.61 -5.00 -1.65	129.71 -5.00 -3.24	159.90 -7.00 -4.08	183.93 -8.33 -7.14	199.79 -9.46 -3.66	179.27 -4.76 -0.79	122.51 -1.59 -1.80	92.18 -1.30 -0.60	73.53 -0.37 0.00	63.08 -1.09 0.00
EMPIRE_CC_1 323656	70.65 1.79 0.00	66.76 1.82 0.00	62.49 1.76 0.00	58.07 1.58 0.00	57.60 1.41 0.00	58.75 1.60 0.00	59.30 1.78 0.00	65.23 1.90 0.00	69.39 1.96 0.00	73.48 1.93 0.00	74.45 2.37 -0.01	78.73 2.73 0.00	104.30 3.57 -9.18	134.03 4.72 -19.41	177.54 5.36 -50.22	206.93 5.78 -69.69	251.36 7.33 -81.20	304.42 8.52 -110.77	316.86 9.04 -102.23	244.57 7.52 -53.80	176.83 4.90 -49.63	110.91 3.62 -14.42	76.20 2.29 0.00	65.83 1.67 0.00
EMPIRE_CC_2 323658	70.65 1.79 0.00	66.76 1.82 0.00	62.49 1.76 0.00	58.07 1.58 0.00	57.60 1.41 0.00	58.75 1.60 0.00	59.30 1.78 0.00	65.23 1.90 0.00	69.39 1.96 0.00	73.48 1.93 0.00	74.45 2.37 -0.01	78.73 2.73 0.00	104.30 3.57 -9.18	134.03 4.72 -19.41	177.54 5.36 -50.22	206.93 5.78 -69.69	251.36 7.33 -81.20	304.42 8.52 -110.77	316.86 9.04 -102.23	244.57 7.52 -53.80	176.83 4.90 -49.63	110.91 3.62 -14.42	76.20 2.29 0.00	65.83 1.67 0.00
ENORWICH_115KV_TB1 80156	74.85 5.99 0.00	70.14 5.20 0.00	65.16 4.43 0.00	60.44 3.95 0.00	59.96 3.76 0.00	61.61 4.46 0.00	61.89 4.37 0.00	68.46 5.13 0.00	72.89 5.46 0.00	77.41 5.87 0.00	77.61 5.55 0.00	82.46 6.46 0.00	98.78 7.23 0.00	118.47 8.57 0.00	134.37 9.27 -3.14	148.40 10.78 -6.15	184.91 14.33 -7.76	215.92 17.22 -13.57	237.46 22.20 -9.66	206.76 21.44 -2.08	141.72 14.68 -4.74	105.80 11.33 -1.59	81.96 8.06 0.00	69.88 5.71 0.00
ERIE_ST__34_KV_TB1-2 80199	68.93 0.07 0.00	64.62 -0.32 0.00	58.90 -1.82 0.00	54.73 -1.75 0.00	53.83 -2.36 0.00	55.10 -2.06 0.00	55.16 -2.36 0.00	60.48 -2.85 0.00	64.67 -2.76 0.00	69.40 -2.15 0.00	70.41 -1.66 0.00	75.32 -0.68 0.00	90.27 -1.28 0.00	108.91 -0.99 0.00	119.52 -4.15 -1.71	131.01 -3.81 -3.36	161.84 -5.21 -4.23	186.05 -6.48 -7.40	203.65 -5.76 -3.81	182.05 -2.02 -0.82	124.29 0.12 -1.87	93.31 -0.19 -0.63	74.05 0.15 0.00	63.33 -0.83 0.00
ERIE_WT_PWR 323693	69.55 0.69 0.00	65.07 0.13 0.00	59.45 -1.28 0.00	55.24 -1.24 0.00	54.22 -1.97 0.00	55.56 -1.60 0.00	55.45 -2.07 0.00	60.68 -2.66 0.00	64.73 -2.70 0.00	69.40 -2.14 0.00	70.41 -1.65 0.00	75.31 -0.69 0.00	90.45 -1.09 0.00	108.13 -1.76 0.00	119.38 -4.27 -1.69	129.92 -4.86 -3.31	160.98 -6.02 -4.18	185.21 -7.22 -7.31	201.33 -8.02 -3.75	180.57 -3.49 -0.81	123.54 -0.61 -1.84	92.56 -0.93 -0.62	73.98 0.07 0.00	63.40 -0.77 0.00
ESPRGFLD_115KV_TB1 80157	73.06 4.20 0.00	68.77 3.83 0.00	64.19 3.46 0.00	59.48 2.99 0.00	59.06 2.87 0.00	60.47 3.31 0.00	60.68 3.16 0.00	66.75 3.42 0.00	71.00 3.57 0.00	75.34 3.79 0.00	76.03 3.96 0.00	80.48 4.48 0.00	99.25 5.31 -2.39	121.22 6.26 -5.06	138.88 6.95 -9.97	150.74 7.23 -12.05	184.90 8.63 -13.45	210.88 10.37 -15.39	299.19 13.57 -80.02	222.31 13.56 -25.50	170.86 9.42 -39.15	112.59 7.15 -12.57	79.22 5.32 0.00	67.89 3.72 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	70.86 2.00 0.00	66.57 1.62 0.00	61.88 1.15 0.00	57.45 0.96 0.00	56.98 0.79 0.00	58.18 1.03 0.00	58.55 1.04 0.00	64.66 1.33 0.00	68.85 1.42 0.00	73.12 1.57 0.00	73.87 1.80 0.00	78.20 2.20 0.00	94.02 2.47 0.00	112.86 2.97 0.00	127.02 2.81 -2.26	139.44 3.55 -4.43	172.96 4.56 -5.58	200.63 5.74 -9.76	218.21 7.20 -5.42	192.11 7.70 -1.16	130.46 5.50 -2.66	97.95 4.18 -0.89	76.86 2.96 0.00	66.03 1.86 0.00
ETNA____115KV_TB2 80207	70.86 2.00 0.00	66.57 1.62 0.00	61.88 1.15 0.00	57.45 0.96 0.00	56.98 0.79 0.00	58.18 1.03 0.00	58.55 1.04 0.00	64.66 1.33 0.00	68.85 1.42 0.00	73.12 1.57 0.00	73.87 1.80 0.00	78.20 2.20 0.00	94.02 2.47 0.00	112.86 2.97 0.00	127.02 2.81 -2.26	139.44 3.55 -4.43	172.96 4.56 -5.58	200.63 5.74 -9.76	218.21 7.20 -5.42	192.11 7.70 -1.16	130.46 5.50 -2.66	97.95 4.18 -0.89	76.86 2.96 0.00	66.03 1.86 0.00
EUCLID__115KV_TB2 356179	68.38 -0.48 0.00	64.29 -0.65 0.00	59.94 -0.79 0.00	55.64 -0.85 0.00	55.24 -0.96 0.00	56.30 -0.86 0.00	56.65 -0.86 0.00	62.51 -0.82 0.00	66.62 -0.81 0.00	70.90 -0.64 0.00	71.70 -0.36 0.00	75.92 -0.08 0.00	91.46 -0.09 0.00	109.79 -0.11 0.00	122.33 -0.49 -0.86	131.92 -0.26 -0.72	164.46 -0.49 -2.13	188.11 -0.74 -3.72	204.77 -0.82 0.00	183.07 -0.18 0.00	122.42 0.12 0.00	92.96 0.09 0.00	73.76 -0.15 0.00	63.65 -0.51 0.00
E_CANADA_CAP_HY 24051	74.09 5.23 0.00	69.75 4.81 0.00	64.98 4.25 0.00	60.10 3.62 0.00	59.62 3.43 0.00	61.15 4.00 0.00	61.25 3.74 0.00	67.20 3.86 0.00	71.20 3.77 0.00	75.12 3.58 0.00	75.74 3.67 0.00	80.25 4.25 0.00	99.68 5.03 -3.10	122.37 5.93 -6.54	155.96 6.58 -27.42	182.07 6.57 -44.04	223.44 7.33 -53.29	277.02 9.25 -82.64	320.34 13.17 -101.58	230.11 14.30 -32.56	182.26 10.27 -49.69	116.62 7.80 -15.94	80.03 6.13 0.00	68.59 4.42 0.00
E_CANADA_MHWK_HY 24050	70.86 2.00 0.00	66.76 1.82 0.00	62.42 1.70 0.00	58.01 1.53 0.00	57.65 1.46 0.00	58.93 1.77 0.00	59.36 1.84 0.00	65.42 2.09 0.00	69.72 2.29 0.00	74.05 2.50 0.00	74.66 2.59 0.00	78.96 2.96 0.00	95.03 3.48 0.00	113.96 4.07 0.00	126.59 4.63 0.00	135.49 4.73 0.70	168.52 5.70 0.00	191.61 6.48 0.00	212.99 7.39 0.00	190.03 6.78 0.00	126.83 4.53 0.00	96.31 3.44 0.00	76.64 2.74 0.00	66.28 2.11 0.00
E_FISHKILL__LBMP 23776	72.72 3.86 0.00	68.71 3.77 0.00	64.13 3.40 0.00	59.59 3.11 0.00	59.17 2.98 0.00	60.18 3.03 0.00	60.97 3.45 0.00	67.13 3.80 0.00	71.54 4.11 0.00	76.20 4.65 0.00	77.69 5.62 0.00	82.08 6.08 0.00	100.90 7.69 -1.66	123.19 9.78 -3.52	150.62 11.34 -17.32	173.34 13.15 -28.72	213.79 15.96 -35.02	258.09 17.40 -55.56	258.40 18.91 -33.89	212.24 15.94 -13.05	148.74 9.91 -16.54	104.99 6.97 -5.15	78.63 4.73 0.00	67.95 3.79 0.00
FALCON__SEABRD_CC1 323796	66.32 -2.55 0.00	61.83 -3.12 0.00	58.06 -2.67 0.00	54.79 -1.69 0.00	55.01 -1.18 0.00	55.04 -2.11 0.00	56.08 -1.44 0.00	61.18 -2.15 0.00	65.14 -2.29 0.00	68.97 -2.57 0.00	68.97 -3.10 0.00	71.97 -4.03 0.00	86.15 -5.40 0.00	102.98 -6.92 0.00	114.15 -7.81 0.00	122.78 -8.68 0.00	151.74 -11.08 0.00	173.28 -11.85 0.00	192.43 -13.16 0.00	171.52 -11.73 0.00	114.35 -7.95 0.00	87.02 -5.85 0.00	70.36 -3.55 0.00	61.80 -2.37 0.00
FALCON__SEABRD_CC2 323797	66.32 -2.55 0.00	61.83 -3.12 0.00	58.06 -2.67 0.00	54.79 -1.69 0.00	55.01 -1.18 0.00	55.04 -2.11 0.00	56.08 -1.44 0.00	61.18 -2.15 0.00	65.14 -2.29 0.00	68.97 -2.57 0.00	68.97 -3.10 0.00	71.97 -4.03 0.00	86.15 -5.40 0.00	102.98 -6.92 0.00	114.15 -7.81 0.00	122.78 -8.68 0.00	151.74 -11.08 0.00	173.28 -11.85 0.00	192.43 -13.16 0.00	171.52 -11.73 0.00	114.35 -7.95 0.00	87.02 -5.85 0.00	70.36 -3.55 0.00	61.80 -2.37 0.00



FAR ROCKAWAY___4 23548	127.22 7.44 -50.92	87.27 7.14 -15.18	67.06 6.32 -0.02	62.36 5.87 0.00	61.87 5.68 0.00	62.87 5.72 0.00	63.78 6.27 0.00	75.48 6.84 -5.31	86.77 7.42 -11.93	89.24 8.37 -9.32	113.19 9.58 -31.54	159.80 10.26 -73.54	163.16 12.91 -58.71	207.43 15.50 -82.03	336.15 17.81 -196.39	385.41 20.11 -233.83	481.08 24.59 -293.67	546.61 27.03 -334.45	442.72 29.61 -207.52	369.05 25.47 -160.33	219.93 16.39 -81.25	113.80 11.98 -8.95	104.28 8.79 -21.58	100.27 7.19 -28.92
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	74.03 5.16 0.00	70.01 5.07 0.00	65.22 4.49 0.00	60.61 4.12 0.00	60.18 3.99 0.00	61.16 4.00 0.00	62.17 4.66 0.00	68.46 5.13 0.00	72.96 5.53 0.00	77.92 6.37 0.00	79.63 7.57 0.00	84.06 8.06 0.00	103.42 10.25 -1.62	126.29 12.97 -3.42	153.87 15.00 -16.92	177.29 17.75 -28.08	218.39 21.33 -34.24	262.62 23.14 -54.35	263.41 24.67 -33.14	216.87 20.89 -12.73	151.07 12.60 -16.17	106.55 8.64 -5.04	79.96 6.06 0.00	69.17 5.01 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	74.03 5.16 0.00	70.01 5.07 0.00	65.28 4.55 0.00	60.67 4.18 0.00	60.18 3.99 0.00	61.16 4.00 0.00	62.17 4.66 0.00	68.46 5.13 0.00	72.96 5.53 0.00	77.92 6.37 0.00	79.63 7.57 0.00	84.06 8.06 0.00	103.42 10.25 -1.62	126.29 12.97 -3.42	153.87 15.00 -16.92	177.29 17.75 -28.08	218.39 21.33 -34.24	262.43 22.96 -54.35	263.41 24.67 -33.14	216.87 20.89 -12.73	151.19 12.72 -16.17	106.64 8.73 -5.04	80.04 6.13 0.00	69.17 5.01 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	73.89 5.03 0.00	69.94 5.00 0.00	65.16 4.43 0.00	60.55 4.07 0.00	60.12 3.93 0.00	61.10 3.94 0.00	62.17 4.66 0.00	68.40 5.07 0.00	72.89 5.46 0.00	77.84 6.30 0.00	79.56 7.49 0.00	83.98 7.98 0.00	103.33 10.16 -1.62	126.18 12.86 -3.42	153.63 14.76 -16.92	177.16 17.62 -28.08	218.06 21.00 -34.24	262.25 22.77 -54.35	263.20 24.47 -33.14	216.50 20.52 -12.73	150.95 12.47 -16.17	106.45 8.54 -5.04	79.89 5.99 0.00	69.11 4.94 0.00
FARRAGUT___LBMP 323566	73.82 4.96 0.00	69.88 4.94 0.00	65.10 4.37 0.00	60.50 4.01 0.00	60.07 3.88 0.00	61.04 3.89 0.00	62.06 4.54 0.00	68.34 5.00 0.00	72.82 5.39 0.00	77.70 6.15 0.00	79.49 7.42 0.00	83.83 7.83 0.00	103.14 9.98 0.00	125.96 12.64 -3.42	153.51 14.63 -16.92	176.90 17.35 -28.08	217.90 20.84 -34.24	262.06 22.59 -54.35	262.99 24.26 -33.14	216.32 20.34 -12.73	150.83 12.35 -16.17	106.36 8.45 -5.04	79.82 5.91 0.00	69.04 4.88 0.00
FENNER___WINDPWR 24204	70.79 1.93 0.00	66.50 1.56 0.00	62.00 1.28 0.00	57.62 1.13 0.00	57.15 0.95 0.00	58.47 1.32 0.00	58.84 1.32 0.00	64.92 1.58 0.00	69.18 1.75 0.00	73.55 2.00 0.00	74.08 2.01 0.00	78.50 2.50 0.00	93.84 2.29 0.00	112.43 2.53 0.00	125.98 2.81 -1.21	135.65 3.15 -1.04	170.05 4.23 -3.00	195.38 5.00 -5.25	211.76 6.16 0.00	189.29 6.04 0.00	126.58 4.28 0.00	96.21 3.34 0.00	76.71 2.81 0.00	66.03 1.86 0.00
FIBERTEK___ENERGY 23856	68.86 0.00 0.00	64.68 -0.26 0.00	60.24 -0.49 0.00	55.92 -0.56 0.00	55.52 -0.67 0.00	56.53 -0.63 0.00	56.94 -0.58 0.00	62.89 -0.44 0.00	67.03 -0.40 0.00	71.33 -0.21 0.00	72.14 0.07 0.00	76.38 0.38 0.00	91.91 0.37 0.00	110.34 0.44 0.00	123.11 0.12 -1.04	133.07 0.39 -1.21	165.70 0.33 -2.56	189.97 0.37 -4.47	206.01 0.41 0.00	184.17 0.92 0.00	123.16 0.86 0.00	93.62 0.74 0.00	74.27 0.37 0.00	64.04 -0.13 0.00
FITZPATRICK___ 23598	67.21 -1.65 0.00	63.25 -1.69 0.00	58.96 -1.76 0.00	54.79 -1.69 0.00	54.39 -1.80 0.00	55.44 -1.71 0.00	55.73 -1.78 0.00	61.44 -1.90 0.00	65.47 -1.96 0.00	69.62 -1.93 0.00	70.27 -1.80 0.00	74.40 -1.60 0.00	89.53 -2.01 0.00	107.37 -2.52 0.00	119.64 -2.93 -0.61	129.50 -3.16 -1.19	160.41 -3.91 -1.50	183.31 -4.44 -2.62	200.46 -5.13 0.00	179.22 -4.03 0.00	119.73 -2.57 0.00	90.92 -1.95 0.00	72.35 -1.56 0.00	62.50 -1.67 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	73.75 4.89 0.00	69.49 4.55 0.00	64.79 4.07 0.00	60.16 3.67 0.00	59.68 3.48 0.00	60.81 3.66 0.00	61.60 4.08 0.00	67.89 4.56 0.00	72.49 5.06 0.00	77.13 5.58 0.00	78.91 6.85 0.00	83.60 7.60 0.00	102.57 9.70 -1.32	124.67 11.98 -2.79	151.22 13.54 -15.73	173.79 15.64 -26.68	214.72 19.21 -32.69	259.05 21.29 -52.63	259.92 23.03 -31.30	213.98 19.42 -11.30	150.06 12.47 -15.29	106.79 9.10 -4.81	80.26 6.36 0.00	69.17 5.01 0.00
FORT ORANGE___ 23900	69.96 1.10 0.00	66.17 1.23 0.00	62.00 1.28 0.00	57.62 1.13 0.00	57.09 0.90 0.00	58.24 1.08 0.00	58.61 1.09 0.00	64.48 1.14 0.00	68.58 1.15 0.00	72.33 0.79 0.00	73.25 1.22 0.04	77.54 1.75 0.21	66.60 2.47 27.42	55.51 3.41 57.79	24.92 4.02 101.06	22.62 4.08 112.93	44.18 5.54 124.18	66.43 6.48 125.17	66.69 7.39 146.29	64.18 6.04 125.11	57.83 3.91 68.38	79.37 2.78 16.28	75.39 1.55 0.07	65.26 1.09 0.00
FORT_DRUM_COGEN 23780	69.96 1.10 0.00	65.59 0.65 0.00	61.15 0.43 0.00	56.88 0.40 0.00	56.70 0.51 0.00	58.41 1.26 0.00	58.67 1.15 0.00	64.79 1.46 0.00	68.91 1.48 0.00	72.98 1.43 0.00	72.86 0.79 0.00	76.84 0.84 0.00	92.01 0.46 0.00	107.92 -1.98 0.00	120.15 -2.32 -0.51	121.16 -2.23 8.07	162.14 -1.95 -1.27	185.68 -1.67 -2.22	206.21 0.62 0.00	185.45 2.20 0.00	124.01 1.71 0.00	96.40 3.53 0.00	76.56 2.66 0.00	65.71 1.54 0.00
FOX_HILLS___ESR 323835	62.58 5.03 11.31	61.64 4.94 8.24	61.00 4.25 3.97	60.61 4.12 0.00	60.36 4.16 -0.01	60.38 3.60 0.37	60.44 4.26 1.33	60.87 4.75 7.21	61.50 5.26 11.19	63.59 6.22 14.18	70.01 7.35 9.40	73.89 7.60 9.71	95.18 9.80 6.17	125.18 11.98 -3.30	147.90 13.66 -12.28	190.50 16.83 -42.21	217.09 20.03 -34.24	278.35 21.48 -71.75	274.24 22.62 -46.03	215.03 19.06 -12.73	145.33 11.74 -11.29	96.69 7.62 3.79	67.00 5.47 12.37	64.36 4.81 4.62
FPL_FAR_ROCK_GT1 24212	127.22 7.44 -50.92	87.27 7.14 -15.18	67.06 6.32 -0.02	62.37 5.87 -0.01	61.59 5.39 -0.01	62.88 5.71 -0.01	63.68 6.16 -0.01	75.48 6.84 -5.31	86.78 7.42 -11.93	89.16 8.30 -9.32	112.96 9.36 -31.54	159.80 10.26 -73.54	163.07 12.82 -58.71	207.53 15.60 -82.03	336.15 17.81 -196.39	385.15 19.85 -233.83	481.08 24.59 -293.67	546.80 27.22 -334.45	442.73 29.61 -207.52	369.04 25.46 -160.33	219.94 16.39 -81.25	113.89 12.07 -8.95	104.35 8.86 -21.58	100.27 7.19 -28.92
FPL_FAR_ROCK_GT2 23815	127.22 7.44 -50.92	87.27 7.14 -15.18	67.06 6.32 -0.02	62.37 5.87 -0.01	61.59 5.39 -0.01	62.88 5.71 -0.01	63.68 6.16 -0.01	75.48 6.84 -5.31	86.78 7.42 -11.93	89.16 8.30 -9.32	112.96 9.36 -31.54	159.80 10.26 -73.54	163.07 12.82 -58.71	207.53 15.60 -82.03	336.15 17.81 -196.39	385.15 19.85 -233.83	481.08 24.59 -293.67	546.80 27.22 -334.45	442.73 29.61 -207.52	369.04 25.46 -160.33	219.94 16.39 -81.25	113.89 12.07 -8.95	104.35 8.86 -21.58	100.27 7.19 -28.92
FRANKLIN_FALL_HYD 24054	67.42 -1.45 0.00	63.45 -1.49 0.00	59.57 -1.15 0.00	55.75 -0.73 0.00	55.80 -0.39 0.00	56.64 -0.51 0.00	56.88 -0.63 0.00	62.70 -0.63 0.00	66.76 -0.67 0.00	70.69 -0.86 0.00	70.41 -1.66 0.00	73.34 -2.66 0.00	87.52 -4.03 0.00	104.40 -5.49 0.00	115.74 -6.22 0.00	113.07 -7.49 10.90	153.70 -9.12 0.00	175.69 -9.44 0.00	195.32 -10.28 0.00	174.27 -8.98 0.00	116.31 -5.99 0.00	88.69 -4.18 0.00	72.13 -1.77 0.00	63.27 -0.90 0.00



FREEPORT_EQUS_GT1 23764	102.03	86.52	66.45	61.80	61.03	62.36	63.16	74.91	86.24	88.45	91.44	111.40	124.66	162.58	287.06	324.61	416.08	481.41	425.71	353.77	212.05	109.49	90.27	82.03
	6.61	6.43	5.71	5.31	4.83	5.20	5.64	6.27	6.88	7.58	8.00	8.89	10.80	13.74	15.74	18.15	22.48	24.82	27.14	23.09	14.30	10.40	7.83	6.42
	-26.56	-15.14	-0.02	-0.01	-0.01	-0.01	-0.01	-5.31	-11.93	-9.32	-11.38	-26.52	-22.32	-38.94	-149.36	-174.99	-230.78	-271.46	-192.98	-147.44	-75.45	-6.22	-8.54	-11.45
FREEPORT___CT2 23818	102.03	86.52	66.45	61.80	61.03	62.36	63.16	74.91	86.24	88.45	91.44	111.40	124.66	162.58	287.06	324.61	416.08	481.41	425.71	353.77	212.05	109.49	90.27	82.03
	6.61	6.43	5.71	5.31	4.83	5.20	5.64	6.27	6.88	7.58	8.00	8.89	10.80	13.74	15.74	18.15	22.48	24.82	27.14	23.09	14.30	10.40	7.83	6.42
	-26.56	-15.14	-0.02	-0.01	-0.01	-0.01	-0.01	-5.31	-11.93	-9.32	-11.38	-26.52	-22.32	-38.94	-149.36	-174.99	-230.78	-271.46	-192.98	-147.44	-75.45	-6.22	-8.54	-11.45
FRESHKLS_33_KV_LOAD 356253	62.58	61.57	60.94	60.61	60.36	60.33	60.38	60.75	61.44	63.52	68.32	73.27	92.88	123.07	148.02	188.74	217.41	276.35	273.02	215.40	145.45	96.56	67.00	64.29
	5.03	4.87	4.19	4.12	4.16	3.54	4.20	4.62	5.19	6.15	7.28	7.60	9.80	11.98	13.78	16.83	20.35	21.66	23.03	19.42	11.86	7.62	5.47	4.75
	11.31	8.24	3.97	0.00	-0.01	0.37	1.33	7.21	11.19	14.18	11.02	10.33	8.46	-1.20	-12.28	-40.44	-34.24	-69.56	-44.40	-12.73	-11.29	3.92	12.37	4.63
FULTON COGEN____ 23766	67.76	63.71	59.39	55.19	54.73	55.78	56.19	62.00	66.08	70.26	71.06	75.16	90.54	108.69	121.18	130.36	162.86	186.40	202.92	181.60	121.32	92.22	73.16	63.14
	-1.10	-1.23	-1.34	-1.30	-1.46	-1.37	-1.32	-1.33	-1.35	-1.29	-1.01	-0.84	-1.01	-1.21	-1.59	-1.58	-1.95	-2.22	-2.67	-1.65	-0.98	-0.65	-0.74	-1.03
	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	-0.81	-0.47	-2.00	-3.49	0.00	0.00	0.00	0.00	0.00	0.00
FULTON___LFGE 323630	74.79	70.40	65.52	60.61	60.12	61.67	61.83	67.83	72.02	75.99	76.61	81.17	101.16	124.31	157.95	183.78	226.32	279.28	332.35	235.24	188.10	119.13	80.56	69.11
	5.92	5.46	4.80	4.12	3.93	4.51	4.32	4.50	4.59	4.44	4.54	5.17	6.23	7.25	8.05	8.15	10.26	12.60	16.24	16.50	11.74	8.92	6.65	4.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.39	-7.16	-27.95	-44.16	-53.23	-81.55	-110.52	-35.49	-54.06	-17.34	0.00	0.00
G.F.CEMENT___DRP 24184	74.23	69.94	65.10	60.16	59.73	61.04	61.37	67.70	72.22	76.41	77.05	81.70	105.00	132.14	171.46	199.22	244.02	297.61	359.21	251.95	199.99	122.20	79.82	68.60
	5.37	5.00	4.37	3.67	3.54	3.89	3.85	4.37	4.79	4.87	4.97	5.70	6.77	8.13	8.90	9.07	12.05	14.25	17.48	16.31	11.25	8.64	5.91	4.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-6.67	-14.11	-40.60	-58.68	-69.15	-98.23	-136.14	-52.39	-66.44	-20.69	0.00	0.00
GARDENVILLE___LBMP 24039	69.14	64.88	59.27	55.07	54.17	55.33	55.27	60.55	64.60	69.26	70.26	75.09	89.99	108.25	119.01	130.17	160.47	184.63	200.90	180.02	123.16	92.56	73.76	63.21
	0.28	-0.06	-1.46	-1.41	-2.02	-1.83	-2.24	-2.79	-2.83	-2.29	-1.80	-0.91	-1.56	-1.65	-4.63	-4.60	-6.51	-7.78	-8.43	-4.03	-0.98	-0.93	-0.15	-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	-1.69	-3.30	-4.16	-7.28	-3.74	-0.80	-1.84	-0.62	0.00	0.00
GARDNVLA_35_KV_LD 355827	69.48	65.20	59.51	55.24	54.34	55.55	55.50	60.86	64.93	69.69	70.70	75.54	90.54	109.02	119.75	131.10	161.47	185.78	202.16	180.94	123.78	93.12	74.12	63.53
	0.62	0.26	-1.21	-1.24	-1.85	-1.60	-2.01	-2.47	-2.49	-1.86	-1.37	-0.46	-1.01	-0.88	-3.90	-3.68	-5.54	-6.66	-7.20	-3.12	-0.37	-0.37	0.22	-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	-1.69	-3.32	-4.19	-7.32	-3.76	-0.81	-1.85	-0.62	0.00	0.00
GELCKHM___115KV_LOAD 80723	68.52	64.42	60.00	55.75	55.29	56.35	56.71	62.64	66.76	71.05	71.85	76.08	91.55	109.90	122.64	132.24	164.78	188.75	204.98	183.43	122.67	93.15	73.90	63.78
	-0.34	-0.52	-0.73	-0.73	-0.90	-0.80	-0.81	-0.70	-0.67	-0.50	-0.22	0.08	0.00	0.00	-0.24	-0.13	-0.33	-0.37	-0.62	0.18	0.37	0.28	0.00	-0.39
	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	-0.92	-0.91	-2.28	-3.99	0.00	0.00	0.00	0.00	0.00	0.00
GENERAL___MILLS 23808	69.28	65.01	59.39	55.13	54.22	55.44	55.39	60.67	64.73	69.47	70.41	75.24	90.17	108.58	119.26	130.57	160.98	185.22	201.54	180.57	123.41	92.84	73.90	63.40
	0.41	0.06	-1.34	-1.36	-1.97	-1.71	-2.13	-2.66	-2.70	-2.07	-1.66	-0.76	-1.37	-1.32	-4.39	-4.21	-6.02	-7.22	-7.81	-3.48	-0.73	-0.65	0.00	-0.77
	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	-1.69	-3.31	-4.18	-7.31	-3.75	-0.81	-1.84	-0.62	0.00	0.00
GE_PLASTICS___DRP 24183	69.69	65.92	61.82	57.50	57.09	58.13	58.49	64.22	68.31	72.27	73.48	73.77	73.77	73.77	68.08	73.90	73.78	73.78	73.77	113.77	90.10	87.27	73.69	65.00
	0.83	0.97	1.09	1.02	0.90	0.97	0.98	0.89	0.88	0.79	1.44	1.52	2.11	2.86	3.54	3.68	4.56	5.18	5.55	4.40	2.81	2.04	1.03	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.02	3.75	19.88	38.98	57.41	61.25	93.60	116.54	137.38	73.88	35.01	7.65	1.24	0.00
GILBOA___1 23756	70.86	67.15	63.39	58.97	58.38	59.61	59.70	65.49	69.52	73.84	74.80	79.19	95.57	115.06	137.38	156.33	193.58	234.70	232.50	194.36	136.39	99.91	76.56	66.16
	2.00	2.21	2.67	2.48	2.19	2.46	2.19	2.15	2.09	2.29	2.74	3.19	4.02	5.17	5.61	5.65	6.52	7.21	8.43	7.14	5.02	3.99	2.66	1.99
	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	-9.81	-19.21	-24.24	-42.36	-18.47	-3.97	-9.07	-3.05	0.00	0.00
GILBOA___2 23757	70.86	67.15	63.39	58.97	58.38	59.61	59.70	65.49	69.52	73.84	74.80	79.19	95.57	115.06	137.38	156.33	193.58	234.70	232.50	194.36	136.39	99.91	76.56	66.16
	2.00	2.21	2.67	2.48	2.19	2.46	2.19	2.15	2.09	2.29	2.74	3.19	4.02	5.17	5.61	5.65	6.52	7.21	8.43	7.14	5.02	3.99	2.66	1.99
	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	-9.81	-19.21	-24.24	-42.36	-18.47	-3.97	-9.07	-3.05	0.00	0.00
GILBOA___3 23758	70.86	67.15	63.39	58.97	58.38	59.61	59.70	65.49	69.52	73.84	74.80	79.19	95.57	115.06	137.38	156.33	193.58	234.70	232.50	194.36	136.39	99.91	76.56	66.16
	2.00	2.21	2.67	2.48	2.19	2.46	2.19	2.15	2.09	2.29	2.74	3.19	4.02	5.17	5.61	5.65	6.52	7.21	8.43	7.14	5.02	3.99	2.66	1.99
	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	-9.81	-19.21	-24.24	-42.36	-18.47	-3.97	-9.07	-3.05	0.00	0.00
GILBOA___4 23759	70.86	67.15	63.39	58.97	58.38	59.61	59.70	65.49	69.52	73.84	74.80	79.19	95.57	115.06	137.38	156.33	193.58	234.70	232.50	194.36	136.39	99.91	76.56	66.16
	2.00	2.21	2.67	2.48	2.19	2.46	2.19	2.15	2.09	2.29	2.74	3.19	4.02	5.17	5.61	5.65	6.52	7.21	8.43	7.14	5.02	3.99	2.66	1.99
	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	-9.81	-19.21	-24.24	-42.36	-18.47	-3.97	-9.07	-3.05	0.00	0.00



GILBOA____ 23599	70.93 2.07 0.00	67.15 2.21 0.00	63.46 2.73 0.00	58.97 2.49 0.00	58.55 2.36 0.00	59.61 2.46 0.00	59.70 2.19 0.00	65.49 2.15 0.00	69.52 2.09 0.00	73.84 2.29 0.00	74.95 2.88 0.00	79.19 3.19 0.00	95.58 4.03 0.00	115.06 5.17 0.00	137.38 5.61 -9.81	156.07 5.39 -19.21	193.73 6.68 -24.24	234.71 7.22 -42.36	232.50 8.43 -18.47	194.37 7.15 -3.97	136.39 5.01 -9.07	99.91 3.99 -3.05	76.49 2.59 0.00	66.16 1.99 0.00
GINNA____ 23603	67.01 -1.86 0.00	62.67 -2.27 0.00	57.81 -2.91 0.00	53.66 -2.82 0.00	52.99 -3.20 0.00	54.07 -3.09 0.00	54.12 -3.39 0.00	59.66 -3.68 0.00	63.72 -3.71 0.00	68.11 -3.43 0.00	69.04 -3.02 0.00	73.56 -2.43 0.00	88.43 -3.11 0.00	105.72 -4.18 0.00	117.79 -5.36 -1.20	127.90 -5.91 -2.35	158.29 -7.49 -2.96	181.98 -8.33 -5.17	194.90 -10.70 0.00	175.37 -7.87 0.00	117.90 -4.40 0.00	89.34 -3.53 0.00	71.61 -2.29 0.00	61.41 -2.76 0.00
GLEN PARK____ 23778	70.38 1.51 0.00	65.92 0.98 0.00	61.46 0.73 0.00	57.11 0.62 0.00	56.87 0.68 0.00	58.64 1.48 0.00	58.84 1.32 0.00	64.98 1.64 0.00	69.12 1.69 0.00	73.19 1.65 0.00	73.00 0.93 0.00	77.14 1.14 0.00	92.28 0.73 0.00	108.25 -1.65 0.00	120.66 -1.83 -0.53	122.08 -1.84 7.54	163.00 -1.13 -1.31	186.87 -0.55 -2.30	207.86 2.27 0.00	187.10 3.85 0.00	125.12 2.82 0.00	97.15 4.27 0.00	77.15 3.25 0.00	66.09 1.92 0.00
GLENDALE_27_KV_LOAD 356172	74.37 5.51 0.00	70.33 5.39 0.00	65.40 4.68 0.00	60.95 4.46 0.00	60.57 4.38 0.00	61.33 4.17 0.00	62.41 4.89 0.00	68.66 5.32 0.00	73.23 5.80 0.00	78.28 6.73 0.00	68.76 8.07 11.37	84.16 8.21 0.05	87.58 10.53 14.50	111.84 13.30 11.35	154.00 15.12 -16.92	164.29 18.41 -14.42	218.72 21.66 -34.24	246.19 23.51 -37.55	251.38 25.08 -20.70	217.05 21.07 -12.73	151.31 12.84 -16.17	105.35 8.73 -3.75	80.03 6.13 0.01	69.50 5.33 0.00
GLENWOOD_IC_1_G5 23712	95.87 5.65 -21.37	85.53 5.46 -15.13	65.84 5.10 -0.02	61.17 4.69 0.00	60.69 4.50 0.00	61.73 4.57 0.00	62.63 5.12 0.00	74.28 5.64 -5.31	85.36 6.00 -11.93	87.59 6.73 -9.32	87.69 7.93 -7.70	102.52 8.59 -17.94	118.03 10.80 -15.68	155.23 13.63 -31.70	278.11 15.37 -140.79	315.76 17.88 -166.41	406.68 21.66 -222.21	471.53 23.51 -262.88	424.07 25.49 -192.98	352.31 21.62 -147.44	211.20 13.45 -75.45	108.37 9.66 -5.84	86.39 6.73 -5.76	77.41 5.52 -7.73
GLENWOOD_IC_2_G1 23688	89.95 5.23 -15.86	85.20 5.13 -15.13	65.36 4.61 -0.02	60.73 4.24 -0.01	60.02 3.82 -0.01	61.33 4.17 -0.01	62.13 4.60 -0.01	73.77 5.13 -5.31	84.95 5.59 -11.93	87.17 6.30 -9.32	83.17 7.21 -3.90	93.05 7.98 -9.07	110.43 10.07 -8.81	146.96 12.85 -24.22	268.50 14.63 -131.92	305.84 16.83 -157.55	396.84 20.68 -213.34	461.72 22.58 -254.02	423.03 24.45 -192.98	351.39 20.70 -147.44	210.59 12.84 -75.45	107.43 9.11 -5.45	83.07 6.36 -2.81	73.08 5.14 -3.78
GLENWOOD_IC_3_G1 23689	89.95 5.23 -15.86	85.20 5.13 -15.13	65.36 4.61 -0.02	60.73 4.24 -0.01	60.02 3.82 -0.01	61.33 4.17 -0.01	62.13 4.60 -0.01	73.77 5.13 -5.31	84.95 5.59 -11.93	87.17 6.30 -9.32	83.17 7.21 -3.90	93.05 7.98 -9.07	110.43 10.07 -8.81	146.96 12.85 -24.22	268.50 14.63 -131.92	305.84 16.83 -157.55	396.84 20.68 -213.34	461.72 22.58 -254.02	423.03 24.45 -192.98	351.39 20.70 -147.44	210.59 12.84 -75.45	107.43 9.11 -5.45	83.07 6.36 -2.81	73.08 5.14 -3.78
GLENWOOD____4 23550	96.01 5.78 -21.37	85.66 5.59 -15.13	65.84 5.10 -0.02	61.17 4.69 0.00	60.69 4.50 0.00	61.73 4.57 0.00	62.63 5.12 0.00	74.28 5.64 -5.31	85.43 6.07 -11.93	87.74 6.87 -9.32	87.76 8.00 -7.70	102.60 8.66 -17.94	118.21 10.99 -15.68	155.34 13.74 -31.70	278.35 15.61 -140.79	316.15 18.27 -166.41	407.01 21.98 -222.21	472.08 24.07 -262.88	424.48 25.90 -192.98	352.86 22.17 -147.44	211.44 13.70 -75.45	108.46 9.75 -5.84	86.46 6.80 -5.76	77.48 5.58 -7.73
GLENWOOD____5 23614	96.01 5.78 -21.37	85.66 5.59 -15.13	65.84 5.10 -0.02	61.17 4.69 0.00	60.69 4.50 0.00	61.73 4.57 0.00	62.63 5.12 0.00	74.28 5.64 -5.31	85.43 6.07 -11.93	87.74 6.87 -9.32	87.76 8.00 -7.70	102.60 8.66 -17.94	118.21 10.99 -15.68	155.34 13.74 -31.70	278.35 15.61 -140.79	316.15 18.27 -166.41	407.01 21.98 -222.21	472.08 24.07 -262.88	424.48 25.90 -192.98	352.86 22.17 -147.44	211.44 13.70 -75.45	108.46 9.75 -5.84	86.46 6.80 -5.76	77.48 5.58 -7.73
GLOBAL GREEN_PORT_GT1 23814	91.52 9.71 -12.95	88.96 8.90 -15.12	68.52 7.77 -0.02	63.55 7.06 -0.01	62.71 6.52 -0.01	64.13 6.97 -0.01	65.34 7.82 -0.01	77.89 9.25 -5.31	89.81 10.45 -11.93	93.10 12.23 -9.32	86.41 12.61 -1.73	100.12 14.37 -9.75	224.05 17.95 -114.55	275.37 19.45 -146.02	292.71 21.22 -149.53	297.52 23.00 -143.06	385.29 26.86 -195.62	472.22 29.81 -257.28	420.70 33.72 -181.38	350.63 30.23 -137.15	274.76 19.45 -133.02	266.95 14.02 -160.06	92.51 12.56 -6.05	76.78 10.20 -2.40
GLOBE____DSASP 323697	67.07 -1.79 0.00	62.99 -1.95 0.00	58.24 -2.49 0.00	54.17 -2.32 0.00	53.27 -2.92 0.00	53.61 -3.54 0.00	53.43 -4.08 0.00	58.33 -5.00 0.00	62.10 -5.33 0.00	66.68 -4.87 0.00	67.52 -4.54 0.00	72.28 -3.72 0.00	86.42 -5.13 0.00	103.74 -6.15 0.00	113.88 -9.63 -1.55	124.25 -10.25 -3.04	152.82 -13.84 -3.84	175.92 -15.92 -6.71	190.30 -18.71 -3.42	171.34 -12.64 -0.73	117.13 -6.85 -1.68	88.42 -5.02 -0.56	70.87 -3.03 0.00	61.02 -3.14 0.00
GOETHSLN____LBMP 323567	62.02 4.48 11.32	61.17 4.48 8.25	60.75 4.01 3.98	60.15 3.67 0.01	59.73 3.54 0.00	60.32 3.54 0.38	60.38 4.20 1.34	60.69 4.56 7.21	61.17 4.92 11.18	63.02 5.65 14.18	63.20 6.92 15.79	71.14 7.30 12.15	85.67 9.34 15.22	116.77 11.87 4.99	148.02 13.78 -12.29	183.26 16.56 -35.23	216.76 19.70 -34.24	269.57 21.29 -63.15	268.07 22.82 -39.66	215.02 19.06 -12.72	144.96 11.37 -11.28	96.37 7.80 4.30	66.92 5.39 12.38	63.96 4.43 4.63
GOLAH____69_KV_TB 1_2 80279	70.38 1.51 0.00	65.98 1.04 0.00	60.48 -0.24 0.00	56.09 -0.40 0.00	55.29 -0.90 0.00	56.47 -0.69 0.00	56.54 -0.98 0.00	62.07 -1.27 0.00	66.01 -1.42 0.00	70.76 -0.79 0.00	71.85 -0.22 0.00	76.68 0.68 0.00	91.64 0.09 0.00	109.90 0.00 0.00	121.63 -1.59 -1.26	132.61 -1.31 -2.46	163.32 -2.61 -3.11	187.78 -2.78 -5.43	204.59 -3.70 -2.69	182.91 -0.92 -0.58	124.23 0.61 -1.32	93.78 0.46 -0.44	75.16 1.26 0.00	64.62 0.45 0.00
GOODYEAR_LAKE_HYD 323669	72.17 3.31 0.00	67.99 3.05 0.00	63.64 2.91 0.00	59.03 2.54 0.00	58.61 2.42 0.00	59.90 2.74 0.00	60.22 2.70 0.00	66.31 2.98 0.00	70.67 3.24 0.00	75.20 3.65 0.00	75.96 3.89 0.00	80.48 4.48 0.00	97.92 5.31 -1.07	118.63 6.48 -2.25	136.73 7.20 -7.57	150.73 7.76 -11.51	186.00 9.44 -13.74	216.26 10.74 -20.39	257.95 13.16 -39.20	207.46 12.09 -12.12	149.68 8.19 -19.18	105.19 6.13 -6.19	78.26 4.36 0.00	67.25 3.08 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	70.03 1.17 0.00	65.92 0.97 0.00	61.27 0.55 0.00	56.94 0.45 0.00	56.42 0.22 0.00	57.56 0.40 0.00	57.92 0.40 0.00	63.84 0.51 0.00	67.97 0.54 0.00	72.41 0.86 0.00	73.36 1.30 0.00	77.67 1.67 0.00	93.56 2.01 0.00	112.42 2.53 0.00	127.28 2.07 -3.25	140.45 2.63 -6.36	174.10 3.26 -8.02	202.67 3.52 -14.02	217.98 4.52 -7.86	190.25 5.31 -1.69	130.19 4.04 -3.86	97.05 2.88 -1.30	75.75 1.85 0.00	65.19 1.03 0.00



GOUDEY___7 23579	70.03 1.17 0.00	65.92 0.97 0.00	61.27 0.55 0.00	56.94 0.45 0.00	56.42 0.22 0.00	57.56 0.40 0.00	57.92 0.40 0.00	63.84 0.51 0.00	67.97 0.54 0.00	72.41 0.86 0.00	73.36 1.30 0.00	77.67 1.67 0.00	93.56 2.01 0.00	112.42 2.53 0.00	127.28 2.07 -3.25	140.45 2.63 -6.36	174.10 3.26 -8.02	202.67 3.52 -14.02	217.98 4.52 -7.86	190.25 5.31 -1.69	130.19 4.04 -3.86	97.05 2.88 -1.30	75.75 1.85 0.00	65.19 1.03 0.00
GOUDEY___8 23580	70.03 1.17 0.00	65.92 0.97 0.00	61.27 0.55 0.00	56.94 0.45 0.00	56.42 0.22 0.00	57.56 0.40 0.00	57.92 0.40 0.00	63.84 0.51 0.00	67.97 0.54 0.00	72.41 0.86 0.00	73.36 1.30 0.00	77.67 1.67 0.00	93.56 2.01 0.00	112.42 2.53 0.00	127.28 2.07 -3.25	140.45 2.63 -6.36	174.10 3.26 -8.02	202.67 3.52 -14.02	217.98 4.52 -7.86	190.25 5.31 -1.69	130.19 4.04 -3.86	97.05 2.88 -1.30	75.75 1.85 0.00	65.19 1.03 0.00
GOWANUS_GT1_1 24077	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.13 4.60 -0.01	68.42 5.07 -0.02	73.04 5.60 -0.02	78.22 6.65 -0.02	151.82 7.78 -71.97	112.33 8.06 -28.27	205.36 10.25 -103.56	219.28 12.53 -96.86	153.15 14.27 -16.93	255.44 17.48 -106.49	217.75 20.68 -34.25	358.32 22.40 -150.79	333.80 23.64 -104.56	215.95 19.97 -12.73	150.70 12.23 -16.17	111.73 8.08 -10.78	79.73 5.84 0.01	69.31 5.13 -0.01
GOWANUS_GT1_2 24078	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.13 4.60 -0.01	68.42 5.07 -0.02	73.04 5.60 -0.02	78.22 6.65 -0.02	151.82 7.78 -71.97	112.33 8.06 -28.27	205.36 10.25 -103.56	219.28 12.53 -96.86	153.15 14.27 -16.93	255.44 17.48 -106.49	217.75 20.68 -34.25	358.32 22.40 -150.79	333.80 23.64 -104.56	215.95 19.97 -12.73	150.70 12.23 -16.17	111.73 8.08 -10.78	79.73 5.84 0.01	69.31 5.13 -0.01
GOWANUS_GT1_3 24079	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.13 4.60 -0.01	68.42 5.07 -0.02	73.04 5.60 -0.02	78.22 6.65 -0.02	151.82 7.78 -71.97	112.33 8.06 -28.27	205.36 10.25 -103.56	219.28 12.53 -96.86	153.15 14.27 -16.93	255.44 17.48 -106.49	217.75 20.68 -34.25	358.32 22.40 -150.79	333.80 23.64 -104.56	215.95 19.97 -12.73	150.70 12.23 -16.17	111.73 8.08 -10.78	79.73 5.84 0.01	69.31 5.13 -0.01
GOWANUS_GT1_4 24080	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.13 4.60 -0.01	68.42 5.07 -0.02	73.04 5.60 -0.02	78.22 6.65 -0.02	151.82 7.78 -71.97	112.33 8.06 -28.27	205.36 10.25 -103.56	219.28 12.53 -96.86	153.15 14.27 -16.93	255.44 17.48 -106.49	217.75 20.68 -34.25	358.32 22.40 -150.79	333.80 23.64 -104.56	215.95 19.97 -12.73	150.70 12.23 -16.17	111.73 8.08 -10.78	79.73 5.84 0.01	69.31 5.13 -0.01
GOWANUS_GT1_5 24084	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.13 4.60 -0.01	68.42 5.07 -0.02	73.04 5.60 -0.02	78.22 6.65 -0.02	151.82 7.78 -71.97	112.33 8.06 -28.27	205.36 10.25 -103.56	219.28 12.53 -96.86	153.15 14.27 -16.93	255.44 17.48 -106.49	217.75 20.68 -34.25	358.32 22.40 -150.79	333.80 23.64 -104.56	215.95 19.97 -12.73	150.70 12.23 -16.17	111.73 8.08 -10.78	79.73 5.84 0.01	69.31 5.13 -0.01
GOWANUS_GT1_6 24111	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.13 4.60 -0.01	68.42 5.07 -0.02	73.04 5.60 -0.02	78.22 6.65 -0.02	151.82 7.78 -71.97	112.33 8.06 -28.27	205.36 10.25 -103.56	219.28 12.53 -96.86	153.15 14.27 -16.93	255.44 17.48 -106.49	217.75 20.68 -34.25	358.32 22.40 -150.79	333.80 23.64 -104.56	215.95 19.97 -12.73	150.70 12.23 -16.17	111.73 8.08 -10.78	79.73 5.84 0.01	69.31 5.13 -0.01
GOWANUS_GT1_7 24112	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.13 4.60 -0.01	68.42 5.07 -0.02	73.04 5.60 -0.02	78.22 6.65 -0.02	151.82 7.78 -71.97	112.33 8.06 -28.27	205.36 10.25 -103.56	219.28 12.53 -96.86	153.15 14.27 -16.93	255.44 17.48 -106.49	217.75 20.68 -34.25	358.32 22.40 -150.79	333.80 23.64 -104.56	215.95 19.97 -12.73	150.70 12.23 -16.17	111.73 8.08 -10.78	79.73 5.84 0.01	69.31 5.13 -0.01
GOWANUS_GT1_8 24113	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.13 4.60 -0.01	68.42 5.07 -0.02	73.04 5.60 -0.02	78.22 6.65 -0.02	151.82 7.78 -71.97	112.33 8.06 -28.27	205.36 10.25 -103.56	219.28 12.53 -96.86	153.15 14.27 -16.93	255.44 17.48 -106.49	217.75 20.68 -34.25	358.32 22.40 -150.79	333.80 23.64 -104.56	215.95 19.97 -12.73	150.70 12.23 -16.17	111.73 8.08 -10.78	79.73 5.84 0.01	69.31 5.13 -0.01
GOWANUS_GT2_1 24114	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
GOWANUS_GT2_2 24115	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
GOWANUS_GT2_3 24116	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
GOWANUS_GT2_4 24117	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
GOWANUS_GT2_5 24118	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00



GOWANUS_GT2_6 24119	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
GOWANUS_GT2_7 24120	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
GOWANUS_GT2_8 24121	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
GOWANUS_GT3_1 24122	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	357.94 22.02 -150.79	333.79 23.63 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
GOWANUS_GT3_2 24123	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	357.94 22.02 -150.79	333.79 23.63 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
GOWANUS_GT3_3 24124	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	357.94 22.02 -150.79	333.79 23.63 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
GOWANUS_GT3_4 24125	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	357.94 22.02 -150.79	333.79 23.63 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
GOWANUS_GT3_5 24126	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	357.94 22.02 -150.79	333.79 23.63 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
GOWANUS_GT3_6 24127	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	357.94 22.02 -150.79	333.79 23.63 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
GOWANUS_GT3_7 24128	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	357.94 22.02 -150.79	333.79 23.63 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
GOWANUS_GT3_8 24129	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	357.94 22.02 -150.79	333.79 23.63 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
GOWANUS_GT4_1 24130	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.12 4.60 0.00	68.39 5.07 0.01	73.02 5.60 0.01	78.19 6.65 0.01	93.30 7.78 -13.45	86.94 8.06 -2.88	122.47 10.25 -20.67	143.31 12.53 -20.88	153.14 14.27 -16.92	197.08 17.48 -48.13	217.74 20.68 -34.24	286.54 22.40 -79.01	280.64 23.64 -51.40	215.95 19.97 -12.73	150.82 12.35 -16.17	107.34 8.08 -6.39	79.73 5.84 0.01	69.30 5.13 0.00
GOWANUS_GT4_2 24131	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.12 4.60 0.00	68.39 5.07 0.01	73.02 5.60 0.01	78.19 6.65 0.01	93.30 7.78 -13.45	86.94 8.06 -2.88	122.47 10.25 -20.67	143.31 12.53 -20.88	153.14 14.27 -16.92	197.08 17.48 -48.13	217.74 20.68 -34.24	286.54 22.40 -79.01	280.64 23.64 -51.40	215.95 19.97 -12.73	150.82 12.35 -16.17	107.34 8.08 -6.39	79.73 5.84 0.01	69.30 5.13 0.00
GOWANUS_GT4_3 24132	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.12 4.60 0.00	68.39 5.07 0.01	73.02 5.60 0.01	78.19 6.65 0.01	93.30 7.78 -13.45	86.94 8.06 -2.88	122.47 10.25 -20.67	143.31 12.53 -20.88	153.14 14.27 -16.92	197.08 17.48 -48.13	217.74 20.68 -34.24	286.54 22.40 -79.01	280.64 23.64 -51.40	215.95 19.97 -12.73	150.82 12.35 -16.17	107.34 8.08 -6.39	79.73 5.84 0.01	69.30 5.13 0.00
GOWANUS_GT4_4 24133	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.12 4.60 0.00	68.39 5.07 0.01	73.02 5.60 0.01	78.19 6.65 0.01	93.30 7.78 -13.45	86.94 8.06 -2.88	122.47 10.25 -20.67	143.31 12.53 -20.88	153.14 14.27 -16.92	197.08 17.48 -48.13	217.74 20.68 -34.24	286.54 22.40 -79.01	280.64 23.64 -51.40	215.95 19.97 -12.73	150.82 12.35 -16.17	107.34 8.08 -6.39	79.73 5.84 0.01	69.30 5.13 0.00



GOWANUS_GT4_5 24134	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.12 4.60 0.00	68.39 5.07 0.01	73.02 5.60 0.01	78.19 6.65 0.01	93.30 7.78 -13.45	86.94 8.06 -2.88	122.47 10.25 -20.67	143.31 12.53 -20.88	153.14 14.27 -16.92	197.08 17.48 -48.13	217.74 20.68 -34.24	286.54 22.40 -79.01	280.64 23.64 -51.40	215.95 19.97 -12.73	150.82 12.35 -16.17	107.34 8.08 -6.39	79.73 5.84 0.01	69.30 5.13 0.00
GOWANUS_GT4_6 24135	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.12 4.60 0.00	68.39 5.07 0.01	73.02 5.60 0.01	78.19 6.65 0.01	93.30 7.78 -13.45	86.94 8.06 -2.88	122.47 10.25 -20.67	143.31 12.53 -20.88	153.14 14.27 -16.92	197.08 17.48 -48.13	217.74 20.68 -34.24	286.54 22.40 -79.01	280.64 23.64 -51.40	215.95 19.97 -12.73	150.82 12.35 -16.17	107.34 8.08 -6.39	79.73 5.84 0.01	69.30 5.13 0.00
GOWANUS_GT4_7 24136	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.12 4.60 0.00	68.39 5.07 0.01	73.02 5.60 0.01	78.19 6.65 0.01	93.30 7.78 -13.45	86.94 8.06 -2.88	122.47 10.25 -20.67	143.31 12.53 -20.88	153.14 14.27 -16.92	197.08 17.48 -48.13	217.74 20.68 -34.24	286.54 22.40 -79.01	280.64 23.64 -51.40	215.95 19.97 -12.73	150.82 12.35 -16.17	107.34 8.08 -6.39	79.73 5.84 0.01	69.30 5.13 0.00
GOWANUS_GT4_8 24137	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.12 4.60 0.00	68.39 5.07 0.01	73.02 5.60 0.01	78.19 6.65 0.01	93.30 7.78 -13.45	86.94 8.06 -2.88	122.47 10.25 -20.67	143.31 12.53 -20.88	153.14 14.27 -16.92	197.08 17.48 -48.13	217.74 20.68 -34.24	286.54 22.40 -79.01	280.64 23.64 -51.40	215.95 19.97 -12.73	150.82 12.35 -16.17	107.34 8.08 -6.39	79.73 5.84 0.01	69.30 5.13 0.00
GREATVRV_69_KV_BK1 356245	91.07 8.47 -13.73	88.12 8.05 -15.12	67.91 7.17 -0.02	62.98 6.50 0.00	62.43 6.24 0.00	63.50 6.34 0.00	64.59 7.07 0.00	76.56 7.92 -5.31	88.06 8.70 -11.93	90.53 9.66 -9.32	84.07 9.73 -2.27	101.57 10.49 -15.08	176.99 13.00 -72.45	221.62 16.15 -95.57	283.99 18.42 -143.62	297.42 21.17 -144.79	386.22 25.89 -197.51	469.17 28.70 -255.34	419.01 31.46 -181.96	348.21 27.30 -137.66	247.97 17.37 -108.30	202.96 12.26 -97.83	87.46 9.02 -4.54	74.92 7.83 -2.92
GREENBSH_115KV_TB3 55895	69.96 1.10 0.00	66.11 1.17 0.00	62.00 1.28 0.00	57.62 1.13 0.00	57.20 1.01 0.00	58.24 1.09 0.00	58.72 1.21 0.00	64.60 1.27 0.00	68.71 1.28 0.00	72.62 1.07 0.00	73.76 1.73 0.04	77.98 1.98 0.00	65.26 2.65 28.95	52.22 3.52 61.19	18.01 4.15 108.10	14.60 4.47 121.33	36.43 5.54 131.93	59.41 6.66 132.38	59.00 6.99 153.58	55.39 5.50 133.35	52.22 3.55 73.63	77.84 2.60 17.63	75.31 1.40 0.00	65.26 1.09 0.00
GREENDGE_115KV_TB5 80291	70.03 1.17 0.00	65.66 0.71 0.00	60.67 -0.06 0.00	56.32 -0.17 0.00	55.74 -0.45 0.00	56.93 -0.23 0.00	57.34 -0.17 0.00	63.33 0.00 0.00	67.43 0.00 0.00	71.83 0.29 0.00	72.64 0.58 0.00	77.14 1.14 0.00	92.01 0.46 0.00	109.68 -0.22 0.00	122.49 -1.46 -2.00	134.32 -1.05 -3.91	166.45 -1.30 -4.93	193.01 -0.74 -8.62	209.93 -0.21 -4.54	186.06 1.83 -0.98	126.73 2.20 -2.23	96.22 2.60 -0.75	75.97 2.07 0.00	65.07 0.90 0.00
GREENIDGE___3 23582	70.03 1.17 0.00	65.66 0.71 0.00	60.67 -0.06 0.00	56.32 -0.17 0.00	55.74 -0.45 0.00	56.93 -0.23 0.00	57.34 -0.17 0.00	63.33 0.00 0.00	67.43 0.00 0.00	71.83 0.29 0.00	72.64 0.58 0.00	77.14 1.14 0.00	92.01 0.46 0.00	109.68 -0.22 0.00	122.49 -1.46 -2.00	134.32 -1.05 -3.91	166.45 -1.30 -4.93	193.01 -0.74 -8.62	209.93 -0.21 -4.54	186.06 1.83 -0.98	126.73 2.20 -2.23	96.22 2.60 -0.75	75.97 2.07 0.00	65.07 0.90 0.00
GREENIDGE___4 23583	70.10 1.24 0.00	65.66 0.72 0.00	60.67 -0.06 0.00	56.32 -0.17 0.00	55.68 -0.51 0.00	57.04 -0.11 0.00	57.34 -0.17 0.00	63.33 0.00 0.00	67.43 0.00 0.00	71.76 0.22 0.00	72.57 0.51 0.00	77.14 1.14 0.00	92.10 0.55 0.00	109.46 -0.44 0.00	122.49 -1.46 -2.00	133.93 -1.44 -3.91	166.44 -1.31 -4.93	192.83 -0.92 -8.62	209.73 -0.41 -4.54	186.06 1.83 -0.98	126.74 2.20 -2.23	96.13 2.51 -0.75	75.97 2.07 0.00	65.07 0.90 0.00
GREENLWN_69_KV_BK 3 55738	87.76 5.51 -13.39	85.65 5.59 -15.12	65.66 4.92 -0.02	61.00 4.52 0.00	60.52 4.33 0.00	61.56 4.40 0.00	62.52 5.00 0.00	74.15 5.51 -5.31	85.49 6.14 -11.93	87.38 6.51 -9.32	80.79 6.70 -2.02	87.39 7.30 -4.09	82.21 9.43 18.76	111.23 11.98 10.64	244.86 13.78 -109.12	293.30 16.17 -145.66	381.42 19.70 -198.90	425.00 21.48 -218.40	413.01 23.44 -183.98	342.16 19.61 -139.30	192.01 12.11 -57.60	71.93 8.73 29.67	80.20 5.76 -0.53	71.30 5.26 -1.87
GREENWD_138_KV_38B11_REV_LBMP_J 345004	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.12 4.60 0.00	68.41 5.07 -0.01	73.03 5.60 -0.01	78.21 6.65 -0.01	99.47 7.78 -19.62	94.94 8.06 -10.88	131.21 10.25 -29.41	151.32 12.53 -28.89	153.14 14.27 -16.92	197.08 17.48 -48.13	217.74 20.68 -34.24	286.54 22.40 -79.01	280.64 23.64 -51.40	215.95 19.97 -12.73	150.82 12.35 -16.17	107.34 8.08 -6.39	79.73 5.84 0.01	69.30 5.13 0.00
GRISSOM___SOLAR 323813	74.51 5.65 0.00	70.14 5.20 0.00	65.34 4.61 0.00	60.44 3.95 0.00	59.96 3.77 0.00	61.50 4.34 0.00	61.66 4.14 0.00	67.77 4.43 0.00	71.88 4.45 0.00	75.91 4.36 0.00	76.61 4.54 0.00	81.17 5.17 0.00	101.22 6.23 -3.44	124.53 7.36 -7.27	158.17 8.17 -28.04	183.94 8.29 -44.19	226.47 10.43 -53.22	279.08 12.60 -81.35	333.80 16.05 -112.16	235.41 16.13 -36.03	188.41 11.24 -54.86	119.01 8.54 -17.60	80.26 6.36 0.00	68.85 4.68 0.00
GROVEVILLE___HYD 323602	73.75 4.89 0.00	69.49 4.55 0.00	64.79 4.07 0.00	60.16 3.67 0.00	59.68 3.48 0.00	60.81 3.66 0.00	61.60 4.08 0.00	67.89 4.56 0.00	72.49 5.06 0.00	77.13 5.58 0.00	78.91 6.85 0.00	83.60 7.60 0.00	102.57 9.70 -1.32	124.67 11.98 -2.79	151.22 13.54 -15.73	173.79 15.64 -26.68	214.72 19.21 -32.69	259.05 21.29 -52.63	259.92 23.03 -31.30	213.98 19.42 -11.30	150.06 12.47 -15.29	106.79 9.10 -4.81	80.26 6.36 0.00	69.17 5.01 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	68.86 0.00 0.00	64.68 -0.26 0.00	60.24 -0.49 0.00	55.92 -0.56 0.00	55.52 -0.67 0.00	56.53 -0.63 0.00	56.94 -0.58 0.00	62.89 -0.44 0.00	67.03 -0.40 0.00	71.33 -0.21 0.00	72.14 0.07 0.00	76.38 0.38 0.00	91.91 0.37 0.00	110.34 0.44 0.00	123.11 0.12 -1.04	133.07 0.39 -1.21	165.70 0.33 -2.56	189.97 0.37 -4.47	206.01 0.41 0.00	184.17 0.92 0.00	123.16 0.86 0.00	93.62 0.74 0.00	74.27 0.37 0.00	64.04 -0.13 0.00
HAMLTNNY_34_KV_TB 80303	69.48 0.62 0.00	65.27 0.32 0.00	60.67 -0.06 0.00	56.32 -0.17 0.00	55.85 -0.34 0.00	56.93 -0.23 0.00	57.29 -0.23 0.00	63.27 -0.06 0.00	67.43 0.00 0.00	71.76 0.21 0.00	72.64 0.58 0.00	76.99 0.99 0.00	92.65 1.10 0.00	111.21 1.32 0.00	124.05 0.98 -1.11	134.25 1.31 -1.47	167.04 1.47 -2.75	191.60 1.67 -4.81	207.24 1.64 0.00	185.63 2.38 0.00	124.26 1.96 0.00	94.36 1.49 0.00	74.94 1.03 0.00	64.55 0.39 0.00



HAMPSHIRE___PAPER_HYD 323593	68.17 -0.69 0.00	64.10 -0.85 0.00	59.93 -0.79 0.00	55.92 -0.56 0.00	55.91 -0.28 0.00	57.16 0.00 0.00	57.57 0.06 0.00	63.40 0.06 0.00	67.50 0.07 0.00	71.40 -0.14 0.00	71.27 -0.79 0.00	74.02 -1.98 0.00	88.34 -3.21 0.00	104.40 -5.49 0.00	116.24 -5.97 -0.26	102.11 -6.84 22.52	155.49 -7.97 -0.64	177.37 -8.88 -1.12	197.16 -8.44 0.00	176.29 -6.96 0.00	117.65 -4.65 0.00	90.92 -1.95 0.00	73.46 -0.44 0.00	63.79 -0.38 0.00
HARDSCRABBLE_WT_PWR 323673	70.51 1.65 0.00	66.44 1.49 0.00	62.12 1.40 0.00	57.79 1.30 0.00	57.37 1.18 0.00	58.64 1.48 0.00	59.07 1.55 0.00	65.17 1.84 0.00	69.39 1.96 0.00	73.69 2.14 0.00	74.37 2.31 0.00	78.59 2.59 0.00	94.66 3.11 0.00	113.52 3.62 0.00	126.11 4.15 0.00	134.97 4.21 0.70	167.87 5.05 0.00	190.88 5.75 0.00	212.17 6.58 0.00	189.11 5.86 0.00	126.21 3.91 0.00	95.84 2.97 0.00	76.27 2.36 0.00	65.96 1.79 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	73.27 4.41 0.00	69.10 4.16 0.00	64.43 3.70 0.00	59.82 3.33 0.00	59.34 3.15 0.00	60.47 3.31 0.00	61.25 3.74 0.00	67.58 4.24 0.00	72.15 4.72 0.00	76.84 5.29 0.00	78.55 6.49 0.00	83.22 7.22 0.00	102.07 9.15 -1.37	124.22 11.43 -2.89	150.28 13.05 -15.28	172.49 15.38 -25.64	213.06 18.89 -31.35	256.01 20.73 -50.15	258.06 22.41 -30.05	213.33 18.87 -11.20	148.96 11.99 -14.67	105.73 8.27 -4.60	79.59 5.69 0.00	68.53 4.36 0.00
HARSNRAD_115KV_TB1 81005	68.38 -0.48 0.00	64.16 -0.78 0.00	58.24 -2.49 0.00	54.11 -2.37 0.00	53.16 -3.03 0.00	54.58 -2.57 0.00	54.18 -3.34 0.00	59.15 -4.18 0.00	62.98 -4.45 0.00	67.61 -3.94 0.00	68.53 -3.53 0.00	73.26 -2.74 0.00	87.52 -4.03 0.00	105.06 -4.84 0.00	115.44 -8.05 -1.53	126.05 -8.41 -3.00	155.04 -11.56 -3.78	178.41 -13.33 -6.61	193.33 -15.63 -3.36	173.89 -10.08 -0.72	118.94 -5.01 -1.65	89.71 -3.71 -0.55	71.98 -1.92 0.00	61.99 -2.18 0.00
HARZA MOOSE___RIVER 24016	69.96 1.10 0.00	65.72 0.78 0.00	61.39 0.67 0.00	57.16 0.68 0.00	56.98 0.79 0.00	58.64 1.49 0.00	58.95 1.44 0.00	65.04 1.71 0.00	69.25 1.82 0.00	73.48 1.93 0.00	73.72 1.66 0.00	77.75 1.75 0.00	93.10 1.56 0.00	110.78 0.88 0.00	123.26 0.98 -0.33	126.93 1.18 5.72	165.75 2.12 -0.81	188.59 2.04 -1.42	209.09 3.50 0.00	186.73 3.48 0.00	124.62 2.32 0.00	95.66 2.79 0.00	76.12 2.22 0.00	65.52 1.35 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	68.72 -0.14 0.00	64.62 -0.32 0.00	60.18 -0.55 0.00	55.92 -0.56 0.00	55.46 -0.73 0.00	56.53 -0.63 0.00	56.94 -0.58 0.00	62.83 -0.51 0.00	67.03 -0.40 0.00	71.33 -0.21 0.00	72.21 0.14 0.00	76.46 0.46 0.00	92.01 0.46 0.00	110.45 0.55 0.00	123.13 0.24 -0.93	132.90 0.53 -0.91	165.62 0.49 -2.31	189.72 0.56 -4.03	206.01 0.41 0.00	184.35 1.10 0.00	123.16 0.86 0.00	93.52 0.65 0.00	74.27 0.37 0.00	64.04 -0.13 0.00
HELLGATE_13_KV_LD 55870	74.37 5.51 0.00	70.34 5.39 0.00	65.40 4.68 0.00	61.00 4.52 0.00	60.63 4.44 0.00	61.33 4.17 0.00	62.35 4.83 0.00	68.59 5.26 0.00	73.16 5.73 0.00	78.20 6.65 0.00	71.77 7.93 8.22	84.10 8.13 0.03	91.96 10.44 10.02	115.94 13.30 7.25	154.00 15.12 -16.92	168.08 18.41 -18.21	218.56 21.49 -34.24	250.67 23.33 -42.22	254.63 24.88 -24.16	216.87 20.89 -12.73	151.19 12.72 -12.73	105.63 8.64 -4.12	79.96 6.06 0.01	69.30 5.13 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	74.37 5.51 0.00	70.34 5.39 0.00	65.40 4.68 0.00	61.00 4.52 0.00	60.63 4.44 0.00	61.33 4.17 0.00	62.35 4.83 0.00	68.59 5.26 0.00	73.16 5.73 0.00	78.20 6.65 0.00	71.77 7.93 8.22	84.10 8.13 0.03	91.96 10.44 10.02	115.94 13.30 7.25	154.00 15.12 -16.92	168.08 18.41 -18.21	218.56 21.49 -34.24	250.67 23.33 -42.22	254.63 24.88 -24.16	216.87 20.89 -12.73	151.19 12.72 -16.17	105.63 8.64 -4.12	79.96 6.06 0.01	69.30 5.13 0.00
HEMPSTEAD___ 23647	97.75 5.79 -23.11	85.73 5.65 -15.14	65.85 5.10 -0.02	61.18 4.69 -0.01	60.47 4.27 -0.01	61.74 4.57 -0.01	62.59 5.06 -0.01	74.28 5.63 -5.31	85.49 6.14 -11.93	87.74 6.87 -9.32	88.17 7.49 -8.61	104.42 8.36 -20.06	119.30 10.43 -17.32	156.69 13.29 -33.50	279.99 15.12 -142.91	317.49 17.49 -168.54	408.81 21.66 -224.33	473.65 23.51 -265.01	424.27 25.70 -192.98	352.48 21.80 -147.44	211.20 13.45 -75.45	108.37 9.57 -5.93	87.47 6.87 -6.69	78.79 5.65 -8.98
HICKLING___1 23621	70.38 1.51 0.00	66.11 1.17 0.00	60.97 0.24 0.00	56.60 0.11 0.00	55.97 -0.22 0.00	57.21 0.06 0.00	57.57 0.06 0.00	63.52 0.19 0.00	67.70 0.27 0.00	72.26 0.72 0.00	73.22 1.15 0.00	77.67 1.67 0.00	93.38 1.83 0.00	111.98 2.09 0.00	125.49 0.98 -2.55	138.04 1.58 -5.00	171.08 1.95 -6.31	198.38 2.22 -11.03	215.20 3.70 -5.90	190.38 5.86 -1.27	130.09 4.89 -2.90	97.47 3.62 -0.97	76.34 2.44 0.00	65.39 1.22 0.00
HICKLING___2 23622	70.38 1.51 0.00	66.11 1.17 0.00	60.97 0.24 0.00	56.60 0.11 0.00	55.97 -0.22 0.00	57.21 0.06 0.00	57.57 0.06 0.00	63.52 0.19 0.00	67.70 0.27 0.00	72.26 0.72 0.00	73.22 1.15 0.00	77.67 1.67 0.00	93.38 1.83 0.00	111.98 2.09 0.00	125.49 0.98 -2.55	138.04 1.58 -5.00	171.08 1.95 -6.31	198.38 2.22 -11.03	215.20 3.70 -5.90	190.38 5.86 -1.27	130.09 4.89 -2.90	97.47 3.62 -0.97	76.34 2.44 0.00	65.39 1.22 0.00
HIGH FALLS___HY 23754	73.96 5.10 0.00	69.68 4.74 0.00	64.92 4.19 0.00	60.27 3.78 0.00	59.79 3.60 0.00	60.98 3.83 0.00	61.77 4.26 0.00	68.40 5.07 0.00	73.03 5.60 0.00	77.70 6.15 0.00	79.27 7.21 0.00	83.82 8.06 0.24	99.74 10.07 1.88	118.75 12.64 3.78	139.56 14.39 -3.21	159.76 16.83 -11.47	197.84 21.17 -13.86	236.83 22.59 -29.11	238.57 24.88 -8.10	201.30 21.26 3.21	141.98 13.58 -6.10	104.90 9.57 -2.47	80.55 6.73 0.08	69.37 5.20 0.00
HIGH_RIVER___SOLAR 323847	72.72 3.85 0.00	68.51 3.57 0.00	64.00 3.28 0.00	59.31 2.82 0.00	58.83 2.64 0.00	60.13 2.97 0.00	60.33 2.82 0.00	66.19 2.85 0.00	70.13 2.70 0.00	73.98 2.43 0.00	74.66 2.59 0.00	78.96 2.96 0.00	98.85 3.67 -3.63	122.19 4.61 -7.68	155.59 5.24 -28.39	181.00 5.26 -44.27	222.85 6.84 -53.19	274.65 8.89 -80.64	335.17 11.51 -118.07	232.77 11.55 -37.97	188.25 8.20 -57.75	117.62 6.22 -18.52	78.34 4.43 0.00	67.50 3.33 0.00
HILLBURN___GT 23639	73.06 4.20 0.00	69.04 4.09 0.00	64.31 3.58 0.00	59.76 3.27 0.00	59.11 2.92 0.00	60.41 3.26 0.00	61.14 3.63 0.00	67.45 4.11 0.00	72.02 4.59 0.00	76.70 5.15 0.00	78.12 6.05 0.00	82.84 6.84 0.00	101.76 8.79 -1.42	124.12 11.21 -3.01	150.40 12.80 -15.64	172.50 14.85 -26.19	213.21 18.39 -31.99	256.21 20.00 -51.08	258.34 22.01 -30.74	213.29 18.50 -11.54	148.80 11.49 -15.01	105.55 7.99 -4.69	79.30 5.39 0.00	68.34 4.17 0.00
HILLSIDE_115KV_TB1 80332	69.34 0.48 0.00	65.20 0.26 0.00	60.18 -0.55 0.00	55.92 -0.56 0.00	55.29 -0.90 0.00	56.47 -0.69 0.00	56.88 -0.63 0.00	62.64 -0.70 0.00	66.82 -0.61 0.00	71.26 -0.29 0.00	72.21 0.14 0.00	76.61 0.61 0.00	92.10 0.55 0.00	110.56 0.66 0.00	124.12 -0.49 -2.65	136.65 0.00 -5.19	169.36 0.00 -6.54	196.57 0.00 -11.44	212.97 1.23 -6.14	187.87 3.30 -1.32	128.37 3.06 -3.01	96.02 2.14 -1.01	75.09 1.18 0.00	64.36 0.19 0.00



HISHELDN_WT_PWR 323625	69.28 0.42 0.00	64.88 -0.06 0.00	59.33 -1.39 0.00	55.19 -1.30 0.00	54.28 -1.91 0.00	55.61 -1.54 0.00	55.50 -2.01 0.00	60.80 -2.54 0.00	64.87 -2.56 0.00	69.33 -2.22 0.00	70.19 -1.87 0.00	74.94 -1.06 0.00	89.90 -1.65 0.00	107.37 -2.52 0.00	118.89 -4.88 -1.81	129.50 -5.52 -3.55	160.62 -6.68 -4.48	185.55 -7.41 -7.83	201.63 -8.02 -4.06	180.63 -3.49 -0.87	123.68 -0.61 -1.99	92.80 -0.75 -0.67	73.98 0.07 0.00	63.40 -0.77 0.00
HOLTSVILLE_IC_1 23690	88.59 6.82 -12.91	86.62 6.56 -15.12	66.57 5.83 -0.02	61.80 5.31 -0.01	61.03 4.83 -0.01	62.36 5.20 -0.01	63.33 5.81 -0.01	75.23 6.59 -5.31	86.58 7.22 -11.93	88.81 7.94 -9.32	81.33 7.56 -1.70	94.00 8.36 -9.64	214.34 10.52 -112.27	266.51 13.29 -143.32	283.67 14.87 -146.84	291.40 16.97 -142.97	379.35 21.01 -195.52	457.40 22.76 -249.51	412.02 25.07 -181.35	341.99 21.61 -137.13	267.85 13.82 -131.73	259.68 9.94 -156.87	87.08 7.25 -5.93	72.88 6.35 -2.36
HOLTSVILLE_IC_10 23699	89.40 7.44 -13.10	87.14 7.08 -15.12	67.00 6.26 -0.02	62.20 5.70 -0.01	61.37 5.17 -0.01	62.71 5.54 -0.01	63.68 6.16 -0.01	75.67 7.03 -5.31	87.11 7.75 -11.93	89.52 8.65 -9.32	82.19 8.28 -1.84	95.35 9.19 -10.16	224.07 11.63 -120.90	277.68 14.28 -153.51	295.89 16.10 -157.84	293.12 18.27 -143.39	381.43 22.62 -195.98	481.86 24.63 -272.11	414.23 27.14 -181.50	343.78 23.28 -137.26	273.78 14.92 -136.57	272.38 10.68 -168.83	88.28 7.98 -6.40	73.65 6.93 -2.55
HOLTSVILLE_IC_2 23691	88.59 6.82 -12.91	86.62 6.56 -15.12	66.57 5.83 -0.02	61.80 5.31 -0.01	61.03 4.83 -0.01	62.36 5.20 -0.01	63.33 5.81 -0.01	75.23 6.59 -5.31	86.58 7.22 -11.93	88.81 7.94 -9.32	81.33 7.56 -1.70	94.00 8.36 -9.64	214.34 10.52 -112.27	266.51 13.29 -143.32	283.67 14.87 -146.84	291.40 16.97 -142.97	379.35 21.01 -195.52	457.40 22.76 -249.51	412.02 25.07 -181.35	341.99 21.61 -137.13	267.85 13.82 -131.73	259.68 9.94 -156.87	87.08 7.25 -5.93	72.88 6.35 -2.36
HOLTSVILLE_IC_3 23692	88.59 6.82 -12.91	86.62 6.56 -15.12	66.57 5.83 -0.02	61.80 5.31 -0.01	61.03 4.83 -0.01	62.36 5.20 -0.01	63.33 5.81 -0.01	75.23 6.59 -5.31	86.58 7.22 -11.93	88.81 7.94 -9.32	81.33 7.56 -1.70	94.00 8.36 -9.64	214.34 10.52 -112.27	266.51 13.29 -143.32	283.67 14.87 -146.84	291.40 16.97 -142.97	379.35 21.01 -195.52	457.40 22.76 -249.51	412.02 25.07 -181.35	341.99 21.61 -137.13	267.85 13.82 -131.73	259.68 9.94 -156.87	87.08 7.25 -5.93	72.88 6.35 -2.36
HOLTSVILLE_IC_4 23693	88.59 6.82 -12.91	86.62 6.56 -15.12	66.57 5.83 -0.02	61.80 5.31 -0.01	61.03 4.83 -0.01	62.36 5.20 -0.01	63.33 5.81 -0.01	75.23 6.59 -5.31	86.58 7.22 -11.93	88.81 7.94 -9.32	81.33 7.56 -1.70	94.00 8.36 -9.64	214.34 10.52 -112.27	266.51 13.29 -143.32	283.67 14.87 -146.84	291.40 16.97 -142.97	379.35 21.01 -195.52	457.40 22.76 -249.51	412.02 25.07 -181.35	341.99 21.61 -137.13	267.85 13.82 -131.73	259.68 9.94 -156.87	87.08 7.25 -5.93	72.88 6.35 -2.36
HOLTSVILLE_IC_5 23694	88.59 6.82 -12.91	86.62 6.56 -15.12	66.57 5.83 -0.02	61.80 5.31 -0.01	61.03 4.83 -0.01	62.36 5.20 -0.01	63.33 5.81 -0.01	75.23 6.59 -5.31	86.58 7.22 -11.93	88.81 7.94 -9.32	81.33 7.56 -1.70	94.00 8.36 -9.64	214.34 10.52 -112.27	266.51 13.29 -143.32	283.67 14.87 -146.84	291.40 16.97 -142.97	379.35 21.01 -195.52	457.40 22.76 -249.51	412.02 25.07 -181.35	341.99 21.61 -137.13	267.85 13.82 -131.73	259.68 9.94 -156.87	87.08 7.25 -5.93	72.88 6.35 -2.36
HOLTSVILLE_IC_6 23695	89.40 7.44 -13.10	87.14 7.08 -15.12	67.00 6.26 -0.02	62.20 5.70 -0.01	61.37 5.17 -0.01	62.71 5.54 -0.01	63.68 6.16 -0.01	75.67 7.03 -5.31	87.11 7.75 -11.93	89.52 8.65 -9.32	82.19 8.28 -1.84	95.35 9.19 -10.16	224.07 11.63 -120.90	277.68 14.28 -153.51	295.89 16.10 -157.84	293.12 18.27 -143.39	381.43 22.62 -195.98	481.86 24.63 -272.11	414.23 27.14 -181.50	343.78 23.28 -137.26	273.78 14.92 -136.57	272.38 10.68 -168.83	88.28 7.98 -6.40	73.65 6.93 -2.55
HOLTSVILLE_IC_7 23696	89.40 7.44 -13.10	87.14 7.08 -15.12	67.00 6.26 -0.02	62.20 5.70 -0.01	61.37 5.17 -0.01	62.71 5.54 -0.01	63.68 6.16 -0.01	75.67 7.03 -5.31	87.11 7.75 -11.93	89.52 8.65 -9.32	82.19 8.28 -1.84	95.35 9.19 -10.16	224.07 11.63 -120.90	277.68 14.28 -153.51	295.89 16.10 -157.84	293.12 18.27 -143.39	381.43 22.62 -195.98	481.86 24.63 -272.11	414.23 27.14 -181.50	343.78 23.28 -137.26	273.78 14.92 -136.57	272.38 10.68 -168.83	88.28 7.98 -6.40	73.65 6.93 -2.55
HOLTSVILLE_IC_8 23697	89.40 7.44 -13.10	87.14 7.08 -15.12	67.00 6.26 -0.02	62.20 5.70 -0.01	61.37 5.17 -0.01	62.71 5.54 -0.01	63.68 6.16 -0.01	75.67 7.03 -5.31	87.11 7.75 -11.93	89.52 8.65 -9.32	82.19 8.28 -1.84	95.35 9.19 -10.16	224.07 11.63 -120.90	277.68 14.28 -153.51	295.89 16.10 -157.84	293.12 18.27 -143.39	381.43 22.62 -195.98	481.86 24.63 -272.11	414.23 27.14 -181.50	343.78 23.28 -137.26	273.78 14.92 -136.57	272.38 10.68 -168.83	88.28 7.98 -6.40	73.65 6.93 -2.55
HOLTSVILLE_IC_9 23698	89.40 7.44 -13.10	87.14 7.08 -15.12	67.00 6.26 -0.02	62.20 5.70 -0.01	61.37 5.17 -0.01	62.71 5.54 -0.01	63.68 6.16 -0.01	75.67 7.03 -5.31	87.11 7.75 -11.93	89.52 8.65 -9.32	82.19 8.28 -1.84	95.35 9.19 -10.16	224.07 11.63 -120.90	277.68 14.28 -153.51	295.89 16.10 -157.84	293.12 18.27 -143.39	381.43 22.62 -195.98	481.86 24.63 -272.11	414.23 27.14 -181.50	343.78 23.28 -137.26	273.78 14.92 -136.57	272.38 10.68 -168.83	88.28 7.98 -6.40	73.65 6.93 -2.55
HOMER_HL_115KV_TB2 355744	67.48 -1.38 0.00	63.45 -1.49 0.00	57.93 -2.79 0.00	53.89 -2.60 0.00	53.10 -3.09 0.00	54.30 -2.86 0.00	54.70 -2.82 0.00	60.04 -3.29 0.00	64.06 -3.37 0.00	68.69 -2.86 0.00	69.69 -2.38 0.00	74.25 -1.75 0.00	89.17 -2.38 0.00	107.26 -2.64 0.00	118.13 -5.73 -1.90	129.80 -5.39 -3.73	160.68 -6.84 -4.70	185.02 -8.33 -8.22	203.49 -6.37 -4.27	181.79 -2.38 -0.92	124.15 -0.24 -2.10	93.02 -0.56 -0.71	73.09 -0.81 0.00	62.24 -1.93 0.00
HOWARD_WT_PWR 323690	70.31 1.45 0.00	65.78 0.84 0.00	60.54 -0.18 0.00	56.32 -0.17 0.00	55.57 -0.62 0.00	57.10 -0.06 0.00	57.34 -0.17 0.00	63.21 -0.13 0.00	67.23 -0.20 0.00	71.62 0.07 0.00	72.35 0.29 0.00	76.99 0.99 0.00	92.46 0.92 0.00	110.23 0.33 0.00	122.74 -1.34 -2.12	134.31 -1.31 -4.15	166.93 -1.13 -5.24	193.74 -0.55 -9.16	211.26 0.83 -4.84	188.51 4.22 -1.04	129.07 4.40 -2.38	97.11 3.44 -0.80	76.56 2.66 0.00	65.38 1.22 0.00
HQ_GEN_CEDARS 23644	67.76 -1.10 0.00	63.90 -1.04 0.00	59.94 -0.79 0.00	55.92 -0.56 0.00	55.85 -0.34 0.00	56.64 -0.51 0.00	56.88 -0.63 0.00	62.64 -0.70 0.00	66.62 -0.81 0.00	70.55 -1.00 0.00	70.19 -1.87 0.00	72.20 -3.80 0.00	86.33 -5.22 0.00	103.08 -6.81 0.00	114.52 -7.44 0.00	74.98 -8.68 47.81	152.40 -10.42 0.00	173.84 -11.29 0.00	193.26 -12.34 0.00	172.25 -10.99 0.00	114.96 -7.34 0.00	87.76 -5.11 0.00	71.98 -1.92 0.00	63.21 -0.96 0.00
HQ_GEN_CEDARS_PROXY 323590	67.76 -1.10 0.00	63.90 -1.04 0.00	59.93 -0.79 0.00	55.92 -0.56 0.00	56.02 -0.17 0.00	56.53 -0.63 0.00	57.00 -0.52 0.00	62.64 -0.70 0.00	66.62 -0.81 0.00	70.55 -1.00 0.00	70.41 -1.65 0.00	72.20 -3.80 0.00	86.33 -5.21 0.00	103.08 -6.81 0.00	114.51 -7.44 0.00	75.38 -8.28 47.81	152.40 -10.42 0.00	173.83 -11.30 0.00	193.46 -12.13 0.00	172.44 -10.81 0.00	114.97 -7.33 0.00	89.48 -5.11 -1.72	70.26 -1.92 1.72	63.21 -0.96 0.00



HQ_GEN_IMPORT 323601	67.76 -1.10 0.00	63.90 -1.04 0.00	59.82 -0.91 0.00	55.75 -0.74 0.00	55.74 -0.45 0.00	56.41 -0.74 0.00	56.77 -0.75 0.00	62.45 -0.89 0.00	66.49 -0.94 0.00	70.40 -1.15 0.00	70.41 -1.65 0.00	70.41 -2.28 3.31	88.71 -2.84 0.00	90.00 -3.62 16.27	90.00 -3.91 28.05	90.00 -4.34 37.13	90.00 -5.37 67.45	124.00 -5.93 55.20	124.00 -6.59 75.01	114.00 -6.04 63.21	114.00 -4.03 4.27	91.71 -2.88 -1.72	70.41 -1.77 1.72	63.14 -1.03 0.00
HQ_GEN_WHEEL 23651	67.76 -1.10 0.00	63.90 -1.04 0.00	59.82 -0.91 0.00	55.75 -0.74 0.00	55.74 -0.45 0.00	56.41 -0.74 0.00	56.77 -0.75 0.00	62.45 -0.89 0.00	66.49 -0.94 0.00	70.40 -1.15 0.00	70.41 -1.65 0.00	70.41 -2.28 3.31	88.71 -2.84 0.00	90.00 -3.62 16.27	90.00 -3.91 28.05	90.00 -4.34 37.13	90.00 -5.37 67.45	124.00 -5.93 55.20	124.00 -6.59 75.01	114.00 -6.04 63.21	114.00 -4.03 4.27	91.71 -2.88 -1.72	70.41 -1.77 1.72	63.14 -1.03 0.00
HUDSON AVE_GT_3 23810	74.03 5.16 0.00	70.01 5.07 0.00	65.28 4.55 0.00	60.67 4.18 0.00	60.18 3.99 0.00	61.21 4.06 0.00	62.23 4.72 0.00	68.46 5.13 0.00	73.03 5.60 0.00	77.92 6.37 0.00	79.71 7.64 0.00	84.06 8.06 0.00	103.42 10.25 -1.62	126.39 13.08 -3.42	153.87 15.00 -16.92	177.42 17.88 -28.08	218.39 21.33 -34.24	262.62 23.14 -54.35	263.61 24.88 -33.14	217.05 21.07 -12.73	151.19 12.72 -16.17	106.64 8.73 -5.04	80.04 6.13 0.00	69.24 5.07 0.00
HUDSON AVE_GT_4 23540	74.03 5.16 0.00	70.01 5.07 0.00	65.28 4.55 0.00	60.67 4.18 0.00	60.18 3.99 0.00	61.21 4.06 0.00	62.23 4.72 0.00	68.46 5.13 0.00	73.03 5.60 0.00	77.92 6.37 0.00	79.71 7.64 0.00	84.06 8.06 0.00	103.42 10.25 -1.62	126.39 13.08 -3.42	153.87 15.00 -16.92	177.42 17.88 -28.08	218.39 21.33 -34.24	262.62 23.14 -54.35	263.61 24.88 -33.14	217.05 21.07 -12.73	151.19 12.72 -16.17	106.64 8.73 -5.04	80.04 6.13 0.00	69.24 5.07 0.00
HUDSON AVE_GT_5 23657	74.03 5.16 0.00	70.01 5.07 0.00	65.28 4.55 0.00	60.67 4.18 0.00	60.18 3.99 0.00	61.21 4.06 0.00	62.23 4.72 0.00	68.46 5.13 0.00	73.03 5.60 0.00	77.92 6.37 0.00	79.71 7.64 0.00	84.06 8.06 0.00	103.42 10.25 -1.62	126.39 13.08 -3.42	153.87 15.00 -16.92	177.42 17.88 -28.08	218.39 21.33 -34.24	262.62 23.14 -54.35	263.61 24.88 -33.14	217.05 21.07 -12.73	151.19 12.72 -16.17	106.64 8.73 -5.04	80.04 6.13 0.00	69.24 5.07 0.00
HUDSON_AVE_10 24168	73.96 5.10 0.00	69.94 5.00 0.00	65.16 4.43 0.00	60.50 4.01 0.00	60.07 3.88 0.00	61.10 3.94 0.00	62.12 4.60 0.00	68.40 5.07 0.00	72.89 5.46 0.00	77.84 6.30 0.00	79.49 7.42 0.00	83.90 7.90 0.00	103.24 10.07 -1.62	127.69 12.86 -4.94	153.63 14.76 -16.92	182.56 17.75 -33.35	225.30 21.17 -41.32	269.56 22.96 -61.47	269.90 24.67 -39.63	222.44 20.71 -18.48	153.66 12.60 -18.76	106.75 8.54 -5.33	79.96 6.06 0.00	69.11 4.94 0.00
HUDSON___115KV_TB 4 355613	71.48 2.62 0.00	67.41 2.47 0.00	63.09 2.37 0.00	58.52 2.03 0.00	58.10 1.91 0.00	59.21 2.06 0.00	59.53 2.01 0.00	65.36 2.03 0.00	69.39 1.96 0.00	73.11 1.57 0.02	74.42 2.38 0.03	78.06 2.96 0.91	74.55 3.94 20.94	71.54 5.17 43.52	56.07 5.98 71.86	59.64 6.18 78.01	80.55 8.30 90.58	103.26 10.37 92.23	104.39 11.72 112.92	102.79 10.45 90.90	82.78 7.09 46.61	87.28 5.11 10.70	76.93 3.33 0.30	66.48 2.31 0.00
HUNTER MOUNT___DRP 323613	71.82 2.96 0.00	67.67 2.73 0.00	63.28 2.55 0.00	58.69 2.20 0.00	58.27 2.08 0.00	59.38 2.23 0.00	59.59 2.07 0.00	65.36 2.03 0.00	69.32 1.89 0.00	72.96 1.43 0.02	74.57 2.52 0.02	78.10 3.42 1.32	79.44 4.49 16.60	81.60 5.71 34.01	75.77 6.46 52.65	83.04 6.70 55.13	103.66 9.12 68.27	126.38 11.48 70.23	128.00 13.36 90.96	126.54 11.73 68.44	97.71 8.07 32.66	91.65 5.94 7.17	77.38 3.92 0.44	66.67 2.50 0.00
HUNTINGTON_RES_REC 323705	88.51 6.55 -13.10	86.43 6.37 -15.12	66.39 5.65 -0.02	61.63 5.14 -0.01	60.86 4.66 -0.01	62.13 4.97 -0.01	63.10 5.58 -0.01	74.98 6.33 -5.31	86.37 7.01 -11.93	88.45 7.58 -9.32	81.28 7.35 -1.86	88.45 8.29 -4.16	377.36 10.52 -275.29	460.55 13.51 -337.14	401.64 15.37 -264.32	288.99 17.62 -139.91	375.89 21.83 -191.24	590.41 23.89 -381.39	408.38 26.11 -176.68	338.71 22.16 -133.29	360.41 13.82 -224.30	493.07 9.84 -390.35	93.73 6.79 -13.03	73.32 6.10 -3.05
HUNTLEY___63 23557	68.72 -0.14 0.00	64.88 -0.06 0.00	59.39 -1.34 0.00	55.19 -1.30 0.00	54.22 -1.97 0.00	55.15 -2.00 0.00	54.98 -2.53 0.00	60.10 -3.23 0.00	64.06 -3.37 0.00	68.54 -3.00 0.00	69.33 -2.74 0.00	74.18 -1.82 0.00	88.80 -2.75 0.00	106.82 -3.08 0.00	117.20 -6.34 -1.59	128.13 -6.44 -3.11	157.62 -9.12 -3.92	181.43 -10.55 -6.85	196.76 -12.34 -3.50	176.67 -7.33 -0.75	120.72 -3.30 -1.72	91.03 -2.41 -0.58	72.79 -1.11 0.00	62.69 -1.48 0.00
HUNTLEY___64 23558	68.72 -0.14 0.00	64.88 -0.06 0.00	59.39 -1.34 0.00	55.19 -1.30 0.00	54.22 -1.97 0.00	55.15 -2.00 0.00	54.98 -2.53 0.00	60.10 -3.23 0.00	64.06 -3.37 0.00	68.54 -3.00 0.00	69.33 -2.74 0.00	74.18 -1.82 0.00	88.80 -2.75 0.00	106.82 -3.08 0.00	117.20 -6.34 -1.59	128.13 -6.44 -3.11	157.62 -9.12 -3.92	181.43 -10.55 -6.85	196.76 -12.34 -3.50	176.67 -7.33 -0.75	120.72 -3.30 -1.72	91.03 -2.41 -0.58	72.79 -1.11 0.00	62.69 -1.48 0.00
HUNTLEY___65 23559	68.72 -0.14 0.00	64.88 -0.06 0.00	59.39 -1.34 0.00	55.19 -1.30 0.00	54.22 -1.97 0.00	55.15 -2.00 0.00	54.98 -2.53 0.00	60.10 -3.23 0.00	64.06 -3.37 0.00	68.54 -3.00 0.00	69.33 -2.74 0.00	74.18 -1.82 0.00	88.80 -2.75 0.00	106.82 -3.08 0.00	117.20 -6.34 -1.59	128.13 -6.44 -3.11	157.62 -9.12 -3.92	181.43 -10.55 -6.85	196.76 -12.34 -3.50	176.67 -7.33 -0.75	120.72 -3.30 -1.72	91.03 -2.41 -0.58	72.79 -1.11 0.00	62.69 -1.48 0.00
HUNTLEY___66 23560	68.72 -0.14 0.00	64.88 -0.06 0.00	59.39 -1.34 0.00	55.19 -1.30 0.00	54.22 -1.97 0.00	55.15 -2.00 0.00	54.98 -2.53 0.00	60.10 -3.23 0.00	64.06 -3.37 0.00	68.54 -3.00 0.00	69.33 -2.74 0.00	74.18 -1.82 0.00	88.80 -2.75 0.00	106.82 -3.08 0.00	117.20 -6.34 -1.59	128.13 -6.44 -3.11	157.62 -9.12 -3.92	181.43 -10.55 -6.85	196.76 -12.34 -3.50	176.67 -7.33 -0.75	120.72 -3.30 -1.72	91.03 -2.41 -0.58	72.79 -1.11 0.00	62.69 -1.48 0.00
HUNTLEY___67 23561	68.72 -0.14 0.00	64.42 -0.52 0.00	58.84 -1.88 0.00	54.68 -1.81 0.00	53.78 -2.42 0.00	54.93 -2.23 0.00	54.81 -2.70 0.00	59.91 -3.42 0.00	63.86 -3.57 0.00	68.54 -3.00 0.00	69.47 -2.59 0.00	74.33 -1.67 0.00	88.98 -2.56 0.00	106.93 -2.97 0.00	117.60 -5.98 -1.62	128.59 -6.05 -3.17	158.36 -8.47 -4.00	182.13 -10.00 -7.00	197.66 -11.51 -3.58	177.42 -6.60 -0.77	121.37 -2.69 -1.76	91.33 -2.14 -0.59	72.94 -0.96 0.00	62.63 -1.54 0.00
HUNTLEY___68 23562	68.72 -0.14 0.00	64.42 -0.52 0.00	58.84 -1.88 0.00	54.68 -1.81 0.00	53.78 -2.42 0.00	54.93 -2.23 0.00	54.81 -2.70 0.00	59.91 -3.42 0.00	63.86 -3.57 0.00	68.54 -3.00 0.00	69.47 -2.59 0.00	74.33 -1.67 0.00	88.98 -2.56 0.00	106.93 -2.97 0.00	117.60 -5.98 -1.62	128.59 -6.05 -3.17	158.36 -8.47 -4.00	182.13 -10.00 -7.00	197.66 -11.51 -3.58	177.42 -6.60 -0.77	121.37 -2.69 -1.76	91.33 -2.14 -0.59	72.94 -0.96 0.00	62.63 -1.54 0.00



HYLAND___LFGE 323620	71.48 2.62 0.00	66.70 1.75 0.00	61.21 0.48 0.00	56.83 0.34 0.00	56.02 -0.17 0.00	57.33 0.17 0.00	57.29 -0.23 0.00	62.39 -0.95 0.00	65.41 -2.02 0.00	69.04 -2.51 0.00	69.47 -2.59 0.00	74.17 -1.82 0.00	89.08 -2.47 0.00	100.44 -9.45 0.00	112.00 -11.71 -1.75	122.80 -12.09 -3.43	152.98 -14.17 -4.33	179.36 -13.33 -7.57	197.38 -12.13 -3.91	176.75 -7.34 -0.84	122.26 -1.96 -1.92	97.24 3.72 -0.65	77.30 3.40 0.00	65.65 1.48 0.00
INDECK___CORINTH 23802	73.27 4.41 0.00	68.97 4.03 0.00	64.25 3.52 0.00	59.37 2.88 0.00	58.83 2.64 0.00	60.30 3.14 0.00	60.56 3.05 0.00	66.88 3.54 0.00	71.34 3.91 0.00	75.55 4.00 0.00	75.89 3.82 -0.01	80.64 4.64 0.00	103.17 5.40 -6.22	129.54 6.48 -13.16	167.78 7.07 -38.76	194.90 6.96 -56.47	239.11 9.60 -66.69	291.86 11.29 -95.44	354.36 14.81 -133.96	247.36 13.75 -50.36	197.24 9.55 -65.39	120.57 7.25 -20.45	78.86 4.95 0.00	67.70 3.53 0.00
INDECK___ILION 23567	70.10 1.24 0.00	66.11 1.17 0.00	61.76 1.03 0.00	57.45 0.96 0.00	57.09 0.90 0.00	58.24 1.09 0.00	58.67 1.15 0.00	64.60 1.27 0.00	68.85 1.42 0.00	73.12 1.57 0.00	73.72 1.66 0.00	77.90 1.90 0.00	93.84 2.29 0.00	112.64 2.75 0.00	125.01 3.05 0.00	134.05 3.29 0.70	166.89 4.07 0.00	189.57 4.44 0.00	210.94 5.35 0.00	187.83 4.58 0.00	125.36 3.06 0.00	95.19 2.32 0.00	75.60 1.70 0.00	65.45 1.28 0.00
INDECK___OLEAN 23982	67.55 -1.31 0.00	63.45 -1.49 0.00	57.93 -2.79 0.00	53.95 -2.54 0.00	52.99 -3.20 0.00	54.53 -2.63 0.00	54.64 -2.87 0.00	60.04 -3.30 0.00	64.06 -3.37 0.00	68.61 -2.94 0.00	69.47 -2.59 0.00	74.25 -1.74 0.00	89.26 -2.29 0.00	107.04 -2.86 0.00	118.13 -5.73 -1.90	128.88 -6.31 -3.73	160.69 -6.83 -4.70	184.83 -8.51 -8.22	203.49 -6.38 -4.27	181.60 -2.57 -0.92	124.15 -0.24 -2.10	92.74 -0.84 -0.71	73.09 -0.81 0.00	62.24 -1.92 0.00
INDECK___OSWEGO 23783	67.07 -1.79 0.00	63.06 -1.89 0.00	58.84 -1.88 0.00	54.62 -1.86 0.00	54.22 -1.97 0.00	55.32 -1.83 0.00	55.67 -1.84 0.00	61.37 -1.96 0.00	65.41 -2.02 0.00	69.47 -2.08 0.00	70.19 -1.87 0.00	74.33 -1.67 0.00	89.45 -2.10 0.00	107.26 -2.64 0.00	119.57 -3.17 -0.79	128.30 -3.28 -0.11	160.70 -4.06 -1.94	184.08 -4.44 -3.39	200.66 -4.94 0.00	179.39 -3.86 0.00	119.85 -2.45 0.00	91.20 -1.67 0.00	72.43 -1.48 0.00	62.50 -1.67 0.00
INDECK___YERKES 23781	69.07 0.21 0.00	64.94 0.00 0.00	59.45 -1.28 0.00	55.08 -1.41 0.00	54.28 -1.91 0.00	55.56 -1.60 0.00	55.04 -2.47 0.00	60.17 -3.16 0.00	64.19 -3.24 0.00	68.55 -3.00 0.00	69.33 -2.74 0.00	74.25 -1.74 0.00	88.89 -2.66 0.00	106.27 -3.62 0.00	117.20 -6.35 -1.59	127.34 -7.23 -3.11	157.63 -9.11 -3.92	181.44 -10.54 -6.85	196.34 -12.75 -3.50	176.48 -7.52 -0.75	120.72 -3.30 -1.72	90.67 -2.78 -0.58	72.80 -1.11 0.00	62.69 -1.47 0.00
INDIAN POINT_GT_1 24139	73.20 4.34 0.00	69.16 4.22 0.00	64.49 3.76 0.00	59.93 3.45 0.00	59.51 3.32 0.00	60.53 3.37 0.00	61.37 3.85 0.00	67.58 4.24 0.00	72.15 4.72 0.00	76.84 5.29 0.00	78.48 6.41 0.00	82.92 6.92 0.00	101.92 8.79 -1.58	124.34 11.10 -3.34	151.55 12.93 -16.66	174.41 15.25 -27.69	215.00 18.40 -33.78	258.79 19.99 -53.67	260.05 21.79 -32.66	214.26 18.51 -12.50	149.74 11.50 -15.94	105.83 7.99 -4.97	79.30 5.39 0.00	68.47 4.30 0.00
INDIAN POINT_GT_2 23659	73.20 4.34 0.00	69.16 4.22 0.00	64.49 3.76 0.00	59.93 3.45 0.00	59.51 3.32 0.00	60.53 3.37 0.00	61.37 3.85 0.00	67.58 4.24 0.00	72.15 4.72 0.00	76.84 5.29 0.00	78.48 6.41 0.00	82.92 6.92 0.00	101.92 8.79 -1.58	124.34 11.10 -3.34	151.55 12.93 -16.66	174.41 15.25 -27.69	215.00 18.40 -33.78	258.79 19.99 -53.67	260.05 21.79 -32.66	214.26 18.51 -12.50	149.74 11.50 -15.94	105.83 7.99 -4.97	79.30 5.39 0.00	68.47 4.30 0.00
INDIAN POINT_GT_3 24019	73.20 4.34 0.00	69.16 4.22 0.00	64.49 3.76 0.00	59.93 3.45 0.00	59.51 3.32 0.00	60.53 3.37 0.00	61.37 3.85 0.00	67.58 4.24 0.00	72.15 4.72 0.00	76.84 5.29 0.00	78.48 6.41 0.00	82.92 6.92 0.00	101.92 8.79 -1.58	124.34 11.10 -3.34	151.55 12.93 -16.66	174.41 15.25 -27.69	215.00 18.40 -33.78	258.79 19.99 -53.67	260.05 21.79 -32.66	214.26 18.51 -12.50	149.74 11.50 -15.94	105.83 7.99 -4.97	79.30 5.39 0.00	68.47 4.30 0.00
INDIAN POINT___2 23530	73.06 4.20 0.00	69.04 4.09 0.00	64.37 3.64 0.00	59.82 3.33 0.00	59.11 2.92 0.00	60.41 3.26 0.00	61.20 3.68 0.00	67.51 4.18 0.00	71.95 4.52 0.00	76.70 5.15 0.00	78.04 5.98 0.00	82.69 6.69 0.00	101.67 8.60 -1.52	124.10 10.99 -3.22	150.80 12.56 -16.28	173.19 14.59 -27.13	214.00 18.07 -33.11	257.45 19.61 -52.71	258.91 21.38 -31.94	213.53 18.15 -12.14	149.13 11.24 -15.59	105.54 7.80 -4.87	79.23 5.32 0.00	68.34 4.17 0.00
INDIAN POINT___3 23531	73.06 4.20 0.00	69.03 4.09 0.00	64.37 3.64 0.00	59.82 3.33 0.00	59.34 3.15 0.00	60.41 3.26 0.00	61.25 3.74 0.00	67.45 4.12 0.00	71.95 4.52 0.00	76.63 5.08 0.00	78.26 6.20 0.00	82.69 6.69 0.00	101.65 8.51 -1.58	124.02 10.77 -3.35	151.20 12.56 -16.68	173.90 14.72 -27.71	214.37 17.75 -33.80	258.27 19.44 -53.70	259.46 21.18 -32.69	213.54 17.78 -12.52	149.26 11.01 -15.95	105.55 7.71 -4.97	79.08 5.17 0.00	68.27 4.11 0.00
INGHAM_C_115KV_TB7 356103	70.86 2.00 0.00	66.76 1.82 0.00	62.43 1.70 0.00	58.01 1.53 0.00	57.71 1.52 0.00	58.93 1.77 0.00	59.36 1.84 0.00	65.42 2.09 0.00	69.72 2.29 0.00	74.05 2.50 0.00	74.73 2.67 0.00	78.96 2.96 0.00	95.03 3.48 0.00	113.96 4.07 0.00	126.59 4.63 0.00	135.50 4.73 0.70	168.52 5.70 0.00	191.61 6.48 0.00	213.00 7.40 0.00	190.03 6.78 0.00	126.83 4.53 0.00	96.31 3.44 0.00	76.64 2.73 0.00	66.29 2.12 0.00
IP CORINTH___1 23988	73.68 4.82 0.00	69.36 4.42 0.00	64.61 3.89 0.00	59.65 3.16 0.00	59.23 3.03 0.00	60.58 3.43 0.00	60.91 3.39 0.00	67.26 3.93 0.00	71.68 4.25 0.00	75.98 4.44 0.00	76.40 4.32 -0.01	81.02 5.02 0.00	103.72 5.95 -6.22	130.20 7.14 -13.16	168.52 7.81 -38.76	195.82 7.89 -56.47	240.09 10.58 -66.69	292.97 12.40 -95.44	355.38 15.83 -133.96	248.27 14.66 -50.36	197.97 10.27 -65.39	121.12 7.80 -20.45	79.22 5.32 0.00	68.08 3.91 0.00
IP___TICONDEROGA 23804	78.02 9.16 0.00	73.32 8.38 0.00	67.95 7.23 0.00	62.47 5.99 0.00	62.04 5.84 0.00	63.67 6.52 0.00	63.84 6.33 0.00	70.49 7.16 0.00	75.18 7.75 0.00	79.49 7.94 0.00	80.22 8.14 -0.01	85.42 9.42 0.00	109.13 11.08 -6.51	136.84 13.19 -13.76	176.15 14.27 -39.92	203.53 14.20 -57.87	250.28 19.21 -68.24	304.91 22.59 -97.20	368.27 27.34 -135.33	260.91 26.02 -51.64	206.09 17.73 -66.05	127.22 13.75 -20.60	83.58 9.68 0.00	71.55 7.38 0.00
ISLIP_RES_REC 323679	90.14 8.05 -13.23	87.66 7.59 -15.12	67.42 6.68 -0.02	62.60 6.10 -0.01	61.76 5.56 -0.01	63.11 5.94 -0.01	64.13 6.61 -0.01	76.18 7.53 -5.31	87.72 8.36 -11.93	90.17 9.30 -9.32	83.07 9.08 -1.93	97.30 10.11 -11.19	215.16 12.72 -110.89	267.14 15.71 -141.53	294.58 17.68 -154.95	295.12 19.97 -143.68	383.71 24.59 -196.30	480.91 27.03 -268.75	416.80 29.61 -181.59	346.24 25.65 -137.34	269.42 16.39 -130.72	258.73 11.70 -154.16	88.56 8.64 -6.02	74.30 7.50 -2.63



JAMAICA__27_KV_LOAD 355505	74.85 5.99 0.00	70.66 5.71 0.00	65.77 5.04 0.00	61.06 4.58 0.00	60.57 4.38 0.00	61.67 4.52 0.00	62.81 5.29 0.00	69.22 5.89 0.00	73.78 6.34 -0.01	78.78 7.23 -0.01	80.21 8.14 0.00	84.82 8.82 0.00	104.33 11.17 -1.62	129.41 14.18 -5.33	155.22 16.34 -16.92	185.66 19.46 -34.74	229.45 23.45 -43.18	274.21 25.73 -63.35	274.50 27.55 -41.36	226.72 23.46 -20.02	156.19 14.43 -19.46	108.04 9.75 -5.41	81.07 7.17 0.00	69.94 5.78 0.00
JANIS__SOLAR 323808	72.85 3.99 0.00	68.32 3.37 0.00	63.46 2.74 0.00	58.86 2.37 0.00	58.33 2.13 0.00	59.84 2.69 0.00	60.16 2.65 0.00	66.37 3.04 0.00	70.47 3.04 0.00	74.69 3.14 0.00	74.95 2.89 0.00	79.50 3.50 0.00	95.48 3.93 0.00	114.30 4.40 0.00	129.45 4.75 -2.74	142.49 5.65 -5.38	177.74 8.14 -6.78	207.35 10.36 -11.85	227.33 13.99 -7.75	199.22 14.30 -1.67	136.25 10.15 -3.81	101.86 7.70 -1.28	79.45 5.55 0.00	67.95 3.78 0.00
JARVIS____ 23743	69.41 0.55 0.00	65.46 0.52 0.00	61.27 0.55 0.00	56.94 0.45 0.00	56.59 0.40 0.00	57.67 0.51 0.00	58.03 0.52 0.00	63.90 0.57 0.00	68.04 0.61 0.00	72.19 0.64 0.00	72.86 0.79 0.00	76.99 0.99 0.00	92.73 1.19 0.00	111.32 1.42 0.00	123.66 1.71 0.00	132.61 1.84 0.70	165.10 2.28 0.00	187.53 2.40 0.00	208.47 2.88 0.00	185.81 2.56 0.00	123.89 1.59 0.00	94.08 1.20 0.00	74.72 0.81 0.00	64.68 0.51 0.00
JENNISON____1 23625	73.13 4.27 0.00	68.71 3.77 0.00	63.94 3.22 0.00	59.31 2.82 0.00	58.83 2.64 0.00	60.24 3.09 0.00	60.62 3.11 0.00	66.94 3.61 0.00	71.34 3.91 0.00	75.91 4.36 0.00	76.46 4.40 0.00	81.17 5.17 0.00	97.41 5.86 0.00	116.93 7.03 0.00	133.06 7.56 -3.54	147.07 8.68 -6.93	182.79 11.23 -8.74	213.55 13.14 -15.27	233.59 16.45 -11.55	201.49 15.76 -2.48	138.73 10.76 -5.67	103.04 8.27 -1.91	79.67 5.76 0.00	68.15 3.98 0.00
JENNISON____2 23626	73.13 4.27 0.00	68.71 3.77 0.00	63.94 3.22 0.00	59.31 2.82 0.00	58.83 2.64 0.00	60.24 3.09 0.00	60.62 3.11 0.00	66.94 3.61 0.00	71.34 3.91 0.00	75.91 4.36 0.00	76.46 4.40 0.00	81.17 5.17 0.00	97.41 5.86 0.00	116.93 7.03 0.00	133.06 7.56 -3.54	147.07 8.68 -6.93	182.79 11.23 -8.74	213.55 13.14 -15.27	233.59 16.45 -11.55	201.49 15.76 -2.48	138.73 10.76 -5.67	103.04 8.27 -1.91	79.67 5.76 0.00	68.15 3.98 0.00
JERICOHO_RISE_WT_PWR 323719	66.59 -2.27 0.00	62.67 -2.27 0.00	58.84 -1.88 0.00	55.13 -1.36 0.00	55.35 -0.84 0.00	55.78 -1.37 0.00	56.48 -1.03 0.00	61.94 -1.39 0.00	65.88 -1.55 0.00	69.76 -1.79 0.00	69.69 -2.38 0.00	72.73 -3.27 0.00	87.15 -4.39 0.00	104.18 -5.72 0.00	115.61 -6.35 0.00	121.21 -7.10 3.15	153.71 -9.11 0.00	175.31 -9.82 0.00	194.69 -10.90 0.00	173.53 -9.72 0.00	115.69 -6.61 0.00	88.14 -4.73 0.00	71.09 -2.81 0.00	62.50 -1.67 0.00
KATONAH__115KV_46KV_TB4 355592	73.75 4.89 0.00	69.62 4.68 0.00	64.86 4.13 0.00	60.27 3.78 0.00	59.84 3.65 0.00	60.93 3.77 0.00	61.71 4.20 0.00	67.96 4.62 0.00	72.62 5.19 0.00	77.34 5.80 0.00	79.06 6.99 0.00	83.52 7.52 0.00	102.80 9.61 -1.64	125.56 12.20 -3.47	153.25 14.15 -17.14	176.35 16.43 -28.45	217.37 19.86 -34.69	261.84 21.66 -55.05	263.06 23.85 -33.62	216.32 20.16 -12.91	151.30 12.60 -16.41	106.81 8.82 -5.11	79.96 6.06 0.00	68.98 4.81 0.00
KCE_NY_1 323755	73.55 4.68 0.00	69.36 4.42 0.00	64.67 3.94 0.00	59.87 3.39 0.00	59.34 3.14 0.00	60.70 3.54 0.00	61.02 3.51 0.00	67.26 3.93 0.00	71.61 4.18 0.00	75.84 4.29 0.00	76.69 4.62 -0.01	81.24 5.24 0.00	104.86 6.41 -6.91	132.30 7.80 -14.60	172.18 8.66 -41.56	200.24 8.94 -59.83	244.98 11.73 -70.43	298.50 13.70 -99.67	358.69 15.83 -137.27	251.16 14.47 -53.44	199.07 9.79 -66.98	121.12 7.43 -20.82	79.15 5.25 0.00	68.15 3.98 0.00
KCE_NY_6_ESR 323823	69.55 0.69 0.00	65.07 0.13 0.00	59.45 -1.28 0.00	55.24 -1.24 0.00	54.22 -1.97 0.00	55.56 -1.60 0.00	55.45 -2.07 0.00	60.68 -2.66 0.00	64.73 -2.70 0.00	69.40 -2.14 0.00	70.41 -1.65 0.00	75.31 -0.69 0.00	90.45 -1.09 0.00	108.13 -1.76 0.00	119.38 -4.27 -1.69	129.92 -4.86 -3.31	160.98 -6.02 -4.18	185.21 -7.22 -7.31	201.33 -8.02 -3.75	180.57 -3.49 -0.81	123.54 -0.61 -1.84	92.56 -0.93 -0.62	73.98 0.07 0.00	63.40 -0.77 0.00
KEDC_PORT_JEFF_GT2 24210	89.11 7.23 -13.02	86.94 6.88 -15.12	66.87 6.13 -0.02	62.03 5.54 -0.01	61.26 5.06 -0.01	62.53 5.37 -0.01	63.56 6.04 -0.01	75.48 6.84 -5.31	86.91 7.55 -11.93	89.24 8.37 -9.32	81.71 7.86 -1.79	93.85 8.51 -9.34	236.02 10.52 -133.95	292.36 13.40 -169.06	302.19 15.12 -165.11	291.91 17.22 -143.23	379.95 21.32 -195.80	485.42 23.14 -277.15	412.53 25.49 -181.45	342.26 21.80 -137.21	280.23 13.82 -144.11	290.43 9.84 -187.72	87.94 7.10 -6.94	73.43 6.74 -2.53
KEDC_PORT_JEFF_GT3 24211	89.11 7.23 -13.02	86.94 6.88 -15.12	66.87 6.13 -0.02	62.03 5.54 -0.01	61.26 5.06 -0.01	62.53 5.37 -0.01	63.56 6.04 -0.01	75.48 6.84 -5.31	86.91 7.55 -11.93	89.24 8.37 -9.32	81.71 7.86 -1.79	93.85 8.51 -9.34	236.02 10.52 -133.95	292.36 13.40 -169.06	302.19 15.12 -165.11	291.91 17.22 -143.23	379.95 21.32 -195.80	485.42 23.14 -277.15	412.53 25.49 -181.45	342.26 21.80 -137.21	280.23 13.82 -144.11	290.43 9.84 -187.72	87.94 7.10 -6.94	73.43 6.74 -2.53
KEDC_GLWD_GT4 24219	95.88 5.65 -21.37	85.53 5.46 -15.13	65.85 5.10 -0.02	61.18 4.69 -0.01	60.47 4.27 -0.01	61.74 4.57 -0.01	62.59 5.06 -0.01	74.28 5.63 -5.31	85.36 6.00 -11.93	87.59 6.72 -9.32	87.40 7.64 -7.70	102.45 8.51 -17.94	118.02 10.80 -15.68	155.33 13.74 -31.70	278.11 15.37 -140.79	315.62 17.74 -166.41	406.68 21.66 -222.21	471.72 23.70 -262.88	424.27 25.70 -192.98	352.30 21.61 -147.44	211.20 13.45 -75.45	108.37 9.66 -5.84	86.46 6.79 -5.76	77.41 5.52 -7.73
KEDC_GLWD_GT5 24220	95.88 5.65 -21.37	85.53 5.46 -15.13	65.85 5.10 -0.02	61.18 4.69 -0.01	60.47 4.27 -0.01	61.74 4.57 -0.01	62.59 5.06 -0.01	74.28 5.63 -5.31	85.36 6.00 -11.93	87.59 6.72 -9.32	87.40 7.64 -7.70	102.45 8.51 -17.94	118.02 10.80 -15.68	155.33 13.74 -31.70	278.11 15.37 -140.79	315.62 17.74 -166.41	406.68 21.66 -222.21	471.72 23.70 -262.88	424.27 25.70 -192.98	352.30 21.61 -147.44	211.20 13.45 -75.45	108.37 9.66 -5.84	86.46 6.79 -5.76	77.41 5.52 -7.73
KENSICO____ 23655	73.48 4.61 0.00	69.42 4.48 0.00	64.73 4.01 0.00	60.16 3.67 0.00	59.68 3.48 0.00	60.70 3.54 0.00	61.60 4.08 0.00	67.83 4.50 0.00	72.35 4.92 0.00	77.13 5.58 0.00	78.77 6.70 0.00	83.22 7.22 0.00	102.32 9.15 -1.61	124.96 11.65 -3.41	152.25 13.42 -16.88	175.39 15.91 -28.01	216.03 19.05 -34.16	260.27 20.92 -54.22	261.27 22.62 -33.06	215.01 19.06 -12.70	150.30 11.86 -16.14	106.07 8.17 -5.03	79.52 5.62 0.00	68.66 4.49 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	73.82 4.96 0.00	69.55 4.61 0.00	64.79 4.07 0.00	60.10 3.62 0.00	59.68 3.48 0.00	60.87 3.72 0.00	61.60 4.08 0.00	68.27 4.94 0.00	72.82 5.39 0.00	77.48 5.94 0.00	79.05 6.99 0.00	83.67 7.83 0.16	101.21 9.80 0.13	121.95 12.20 0.15	145.69 13.90 -9.83	166.98 16.30 -19.21	206.51 20.68 -23.01	246.47 21.85 -39.49	249.32 24.05 -19.67	208.59 20.52 -4.81	146.51 13.21 -11.00	105.95 9.38 -3.70	80.43 6.58 0.05	69.17 5.01 0.00



KIAC_JFK_GT1 23816	74.03 5.16 0.00	69.94 5.00 0.00	65.10 4.37 0.00	60.44 3.95 0.00	60.01 3.82 0.00	61.04 3.89 0.00	62.17 4.66 0.00	68.59 5.26 0.00	73.10 5.66 -0.01	77.99 6.44 -0.01	79.42 7.35 0.00	83.90 7.90 0.00	103.33 10.16 -1.62	128.09 12.86 -5.33	153.87 15.00 -16.92	184.09 17.88 -34.74	227.33 21.33 -43.18	271.81 23.33 -63.35	271.83 24.88 -41.36	224.34 21.07 -20.02	154.72 12.96 -19.46	106.92 8.64 -5.41	80.18 6.28 0.00	69.24 5.07 0.00
KIAC_JFK_GT2 23817	74.03 5.16 0.00	69.94 5.00 0.00	65.10 4.37 0.00	60.44 3.95 0.00	60.01 3.82 0.00	61.04 3.89 0.00	62.17 4.66 0.00	68.59 5.26 0.00	73.10 5.66 -0.01	77.99 6.44 -0.01	79.42 7.35 0.00	83.90 7.90 0.00	103.33 10.16 -1.62	128.09 12.86 -5.33	153.87 15.00 -16.92	184.09 17.88 -34.74	227.33 21.33 -43.18	271.81 23.33 -63.35	271.83 24.88 -41.36	224.34 21.07 -20.02	154.72 12.96 -19.46	106.92 8.64 -5.41	80.18 6.28 0.00	69.24 5.07 0.00
KIAC_JFK____ 323774	74.03 5.17 0.00	69.94 5.00 0.00	65.10 4.37 0.00	60.44 3.95 0.00	59.73 3.54 0.00	61.04 3.89 0.00	62.06 4.54 0.00	68.59 5.25 0.00	73.10 5.66 -0.01	78.00 6.44 -0.01	79.20 7.14 0.00	83.90 7.90 0.00	103.24 10.07 -1.62	128.30 13.07 -5.33	153.87 15.00 -16.92	183.83 17.62 -34.74	227.50 21.49 -43.18	271.81 23.33 -63.35	272.03 25.07 -41.36	224.33 21.06 -20.02	154.72 12.96 -19.46	107.01 8.73 -5.41	80.33 6.43 0.00	69.24 5.07 0.00
KINTIGH__24_KV_GSU 356498	68.86 0.00 0.00	64.49 -0.45 0.00	59.09 -1.64 0.00	54.85 -1.64 0.00	54.06 -2.14 0.00	55.27 -1.88 0.00	55.10 -2.41 0.00	60.30 -3.04 0.00	64.26 -3.17 0.00	68.83 -2.72 0.00	69.76 -2.31 0.00	74.63 -1.37 0.00	89.45 -2.10 0.00	106.71 -3.19 0.00	118.34 -5.01 -1.39	128.41 -5.78 -2.73	158.94 -7.32 -3.44	182.82 -8.33 -6.01	197.71 -10.90 -3.02	177.86 -6.04 -0.65	121.21 -2.57 -1.48	91.14 -2.23 -0.50	72.94 -0.96 0.00	62.69 -1.47 0.00
KINTIGH____ 23543	68.72 -0.14 0.00	64.49 -0.45 0.00	59.09 -1.64 0.00	54.85 -1.64 0.00	54.06 -2.14 0.00	55.15 -2.00 0.00	55.10 -2.42 0.00	60.36 -2.98 0.00	64.26 -3.17 0.00	68.90 -2.65 0.00	69.83 -2.23 0.00	74.63 -1.37 0.00	89.26 -2.29 0.00	107.15 -2.75 0.00	118.47 -4.88 -1.39	129.06 -5.13 -2.73	158.93 -7.33 -3.44	182.81 -8.33 -6.01	198.13 -10.49 -3.02	177.85 -6.05 -0.65	121.21 -2.57 -1.48	91.33 -2.04 -0.50	72.94 -0.96 0.00	62.69 -1.48 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	67.00 -1.86 0.00	62.67 -2.27 0.00	58.84 -1.88 0.00	55.36 -1.13 0.00	55.46 -0.73 0.00	56.24 -0.91 0.00	56.25 -1.27 0.00	62.00 -1.33 0.00	66.01 -1.42 0.00	69.83 -1.72 0.00	69.69 -2.38 0.00	72.96 -3.04 0.00	87.24 -4.30 0.00	104.18 -5.71 0.00	115.49 -6.46 0.68	123.29 -7.49 0.00	153.70 -9.12 0.00	175.50 -9.63 0.00	194.90 -10.69 0.00	173.90 -9.35 0.00	115.94 -6.36 0.00	88.23 -4.64 0.00	71.46 -2.44 0.00	62.63 -1.54 0.00
LACHUTE____HYDRO 323717	78.02 9.16 0.00	73.32 8.38 0.00	67.95 7.22 0.00	62.47 5.98 0.00	61.93 5.73 0.00	63.67 6.51 0.00	63.84 6.33 0.00	70.49 7.15 0.00	75.18 7.75 0.00	79.49 7.94 0.00	80.07 8.00 -0.01	85.42 9.42 0.00	109.13 11.07 -6.51	136.83 13.18 -13.76	176.14 14.26 -39.92	203.40 14.07 -57.87	250.27 19.20 -68.24	304.72 22.39 -97.20	368.27 27.35 -135.33	260.90 26.01 -51.64	206.08 17.73 -66.05	127.22 13.74 -20.60	83.66 9.75 0.00	71.54 7.38 0.00
LAWRNCV_115KV_TB1 80681	67.35 -1.51 0.00	63.45 -1.49 0.00	59.51 -1.21 0.00	55.53 -0.96 0.00	55.52 -0.67 0.00	56.41 -0.74 0.00	56.65 -0.86 0.00	62.38 -0.95 0.00	66.35 -1.08 0.00	70.19 -1.36 0.00	69.76 -2.31 0.00	71.44 -4.56 0.00	85.23 -6.32 0.00	101.43 -8.46 0.00	112.69 -9.27 0.00	83.09 -11.04 37.34	149.63 -13.19 0.00	170.87 -14.25 0.00	190.38 -15.21 0.00	169.69 -13.56 0.00	113.25 -9.05 0.00	86.93 -5.94 0.00	71.39 -2.51 0.00	62.69 -1.48 0.00
LEDERLE____ 23769	73.34 4.48 0.00	69.23 4.29 0.00	64.55 3.83 0.00	59.93 3.45 0.00	59.51 3.32 0.00	60.58 3.43 0.00	61.43 3.91 0.00	67.70 4.37 0.00	72.28 4.85 0.00	77.06 5.51 0.00	78.70 6.63 0.00	83.30 7.30 0.00	102.27 9.25 -1.48	124.67 11.65 -3.13	151.37 13.42 -15.99	173.95 15.78 -26.71	214.64 19.21 -32.61	258.02 20.92 -51.98	259.82 22.82 -31.40	214.37 19.24 -11.88	149.61 11.99 -15.33	106.02 8.36 -4.79	79.52 5.62 0.00	68.60 4.43 0.00
LIGHTHSE_115KV_TB6 355974	68.17 -0.69 0.00	64.03 -0.91 0.00	59.69 -1.03 0.00	55.47 -1.02 0.00	55.12 -1.07 0.00	56.35 -0.80 0.00	56.71 -0.81 0.00	62.57 -0.76 0.00	66.69 -0.74 0.00	70.76 -0.79 0.00	71.27 -0.79 0.00	75.39 -0.61 0.00	90.54 -1.01 0.00	108.03 -1.87 0.00	120.37 -2.32 -0.73	127.33 -2.23 1.90	162.19 -2.44 -1.81	185.70 -2.59 -3.16	203.54 -2.06 0.00	182.33 -0.92 0.00	121.81 -0.49 0.00	93.34 0.46 0.00	74.27 0.37 0.00	64.04 -0.13 0.00
LINDEN COGEN____ 23786	61.96 4.41 11.32	61.17 4.48 8.25	60.69 3.94 3.98	60.15 3.67 0.01	59.45 3.26 0.00	60.32 3.54 0.38	60.26 4.08 1.34	60.69 4.56 7.21	61.17 4.92 11.18	63.02 5.65 14.18	62.90 6.63 15.79	71.07 7.22 12.15	85.57 9.24 15.22	116.88 11.98 4.99	148.02 13.78 -12.29	183.00 16.30 -35.23	216.75 19.69 -34.24	269.56 21.28 -63.15	268.07 22.82 -39.66	215.02 19.06 -12.72	144.96 11.38 -11.28	96.38 7.80 4.30	66.99 5.47 12.38	63.90 4.37 4.63
LINDHRST_69_KV_BK1 356055	92.22 7.51 -15.86	87.34 7.27 -15.13	67.18 6.44 -0.02	62.36 5.87 0.00	61.87 5.68 0.00	62.93 5.77 0.00	63.96 6.44 0.00	75.80 7.16 -5.31	87.18 7.82 -11.93	89.38 8.51 -9.32	84.90 8.94 -3.90	97.95 9.58 -12.37	122.18 11.90 -18.73	158.10 14.95 -33.26	271.46 17.07 -132.43	301.41 19.85 -150.09	390.41 24.26 -203.33	455.92 26.84 -243.94	418.80 29.40 -183.81	348.02 25.47 -139.30	215.51 16.02 -77.19	122.63 11.24 -18.52	85.33 8.20 -3.22	75.11 6.99 -3.94
LIPA_MISC_IPP 23656	88.68 6.89 -12.94	86.62 6.56 -15.12	66.51 5.77 -0.02	61.74 5.25 0.00	61.19 5.00 0.00	62.24 5.09 0.00	63.32 5.81 0.00	75.23 6.59 -5.31	86.57 7.22 -11.93	89.02 8.16 -9.32	81.93 8.14 -1.72	94.47 8.74 -9.73	216.57 11.17 -113.85	269.37 14.29 -145.19	286.79 16.10 -148.74	292.64 18.14 -143.03	380.39 21.98 -195.59	464.92 24.07 -255.72	413.49 26.52 -181.37	343.48 23.09 -137.14	269.96 15.04 -132.62	262.81 10.87 -159.08	87.75 7.83 -6.01	73.11 6.55 -2.39
LISF____SOLAR 323691	88.99 7.16 -12.97	86.82 6.75 -15.12	66.70 5.95 -0.02	61.92 5.42 -0.01	61.09 4.89 -0.01	62.42 5.25 -0.01	63.45 5.93 -0.01	75.42 6.78 -5.31	86.78 7.42 -11.93	89.16 8.30 -9.32	81.81 8.00 -1.75	94.78 8.96 -9.82	218.45 11.44 -115.46	271.72 14.73 -147.09	289.17 16.46 -150.76	292.98 18.40 -143.11	381.12 22.62 -195.67	469.50 24.98 -259.38	414.55 27.56 -181.40	344.42 24.00 -137.17	271.48 15.66 -133.52	265.60 11.42 -161.31	88.20 8.20 -6.10	73.39 6.80 -2.43
LITTLE FALLS____HYD 24013	70.86 2.00 0.00	66.76 1.82 0.00	62.43 1.70 0.00	58.01 1.53 0.00	57.71 1.52 0.00	58.93 1.77 0.00	59.36 1.84 0.00	65.42 2.09 0.00	69.72 2.29 0.00	74.05 2.50 0.00	74.73 2.67 0.00	78.96 2.96 0.00	95.03 3.48 0.00	113.96 4.07 0.00	126.59 4.63 0.00	135.50 4.73 0.70	168.52 5.70 0.00	191.61 6.48 0.00	213.00 7.40 0.00	190.03 6.78 0.00	126.83 4.53 0.00	96.31 3.44 0.00	76.64 2.73 0.00	66.29 2.12 0.00



LITTLRIV_115KV_TB1 356100	68.24 -0.62 0.00	64.29 -0.65 0.00	60.24 -0.49 0.00	56.20 -0.28 0.00	56.19 0.00 0.00	57.16 0.00 0.00	57.34 -0.17 0.00	63.14 -0.19 0.00	67.09 -0.34 0.00	70.90 -0.64 0.00	70.34 -1.73 0.00	72.05 -3.95 0.00	85.87 -5.68 0.00	102.09 -7.80 0.00	113.66 -8.29 0.00	85.72 -10.12 35.62	150.93 -11.89 0.00	172.73 -12.40 0.00	193.05 -12.54 0.00	172.44 -10.81 0.00	115.21 -7.09 0.00	88.41 -4.46 0.00	72.42 -1.48 0.00	63.53 -0.64 0.00
LI_NEWBRDGE___DRP 323616	85.57 5.65 -11.06	85.58 5.52 -15.12	65.66 4.92 -0.02	61.06 4.58 0.00	60.57 4.38 0.00	61.61 4.46 0.00	62.52 5.00 0.00	74.09 5.45 -5.31	85.36 6.00 -11.93	87.45 6.58 -9.32	79.76 7.28 -0.42	84.72 7.75 -0.96	103.88 9.80 -2.54	136.10 12.20 -14.01	259.92 14.15 -123.81	285.76 16.56 -137.73	372.52 20.19 -189.50	437.24 22.03 -230.08	408.42 24.26 -178.57	338.43 20.52 -134.66	204.84 12.84 -69.70	106.22 8.92 -4.43	80.57 6.43 -0.24	69.96 5.45 -0.34
LOCKPORT_115KV_TB60_63_64 80432	68.66 -0.21 0.00	64.42 -0.52 0.00	58.42 -2.31 0.00	54.28 -2.20 0.00	53.33 -2.87 0.00	54.81 -2.34 0.00	54.35 -3.16 0.00	59.34 -3.99 0.00	63.18 -4.25 0.00	67.83 -3.72 0.00	68.75 -3.31 0.00	73.57 -2.43 0.00	87.79 -3.75 0.00	105.50 -4.40 0.00	115.79 -7.68 -1.52	126.42 -8.02 -2.97	155.50 -11.07 -3.75	178.91 -12.77 -6.56	194.12 -14.80 -3.33	174.44 -9.53 -0.72	119.29 -4.65 -1.64	89.99 -3.44 -0.55	72.20 -1.70 0.00	62.18 -1.99 0.00
LOCKPORT___CC1 323769	68.59 -0.27 0.00	64.17 -0.78 0.00	58.23 -2.49 0.00	54.45 -2.03 0.00	53.16 -3.04 0.00	54.41 -2.74 0.00	54.24 -3.28 0.00	59.15 -4.18 0.00	62.98 -4.45 0.00	67.54 -4.01 0.00	68.46 -3.60 0.00	73.27 -2.73 0.00	87.71 -3.84 0.00	104.62 -5.27 0.00	115.32 -8.17 -1.53	125.26 -9.21 -3.00	154.88 -11.73 -3.78	178.41 -13.33 -6.61	192.92 -16.04 -3.36	173.53 -10.44 -0.72	118.93 -5.02 -1.65	89.44 -3.99 -0.55	71.98 -1.92 0.00	61.99 -2.18 0.00
LOCKPORT___CC2 323770	68.59 -0.27 0.00	64.17 -0.78 0.00	58.23 -2.49 0.00	54.45 -2.03 0.00	53.16 -3.04 0.00	54.41 -2.74 0.00	54.24 -3.28 0.00	59.15 -4.18 0.00	62.98 -4.45 0.00	67.54 -4.01 0.00	68.46 -3.60 0.00	73.27 -2.73 0.00	87.71 -3.84 0.00	104.62 -5.27 0.00	115.32 -8.17 -1.53	125.26 -9.21 -3.00	154.88 -11.73 -3.78	178.41 -13.33 -6.61	192.92 -16.04 -3.36	173.53 -10.44 -0.72	118.93 -5.02 -1.65	89.44 -3.99 -0.55	71.98 -1.92 0.00	61.99 -2.18 0.00
LOCKPORT___CC3 323771	68.59 -0.27 0.00	64.17 -0.78 0.00	58.23 -2.49 0.00	54.45 -2.03 0.00	53.16 -3.04 0.00	54.41 -2.74 0.00	54.24 -3.28 0.00	59.15 -4.18 0.00	62.98 -4.45 0.00	67.54 -4.01 0.00	68.46 -3.60 0.00	73.27 -2.73 0.00	87.71 -3.84 0.00	104.62 -5.27 0.00	115.32 -8.17 -1.53	125.26 -9.21 -3.00	154.88 -11.73 -3.78	178.41 -13.33 -6.61	192.92 -16.04 -3.36	173.53 -10.44 -0.72	118.93 -5.02 -1.65	89.44 -3.99 -0.55	71.98 -1.92 0.00	61.99 -2.18 0.00
LOCUSVLY_69_KV_BK2 55797	94.59 6.27 -19.46	86.18 6.10 -15.13	66.21 5.47 -0.02	61.51 5.03 0.00	61.02 4.83 0.00	62.07 4.92 0.00	63.04 5.52 0.00	74.72 6.08 -5.31	85.97 6.61 -11.93	88.24 7.37 -9.32	86.75 8.36 -6.33	99.78 9.04 -14.74	116.28 11.53 -13.20	152.40 14.51 -27.99	276.13 16.59 -137.59	310.49 19.33 -159.70	400.40 23.28 -214.29	465.62 25.55 -254.94	422.01 27.76 -188.66	350.49 23.64 -143.61	210.70 14.68 -73.72	108.77 10.40 -5.50	85.88 7.24 -4.74	76.56 6.03 -6.36
LONG_LAKE_PHOENIX 24014	67.76 -1.10 0.00	63.71 -1.23 0.00	59.39 -1.34 0.00	55.19 -1.30 0.00	54.73 -1.46 0.00	55.78 -1.37 0.00	56.19 -1.32 0.00	62.00 -1.33 0.00	66.08 -1.35 0.00	70.26 -1.29 0.00	71.06 -1.01 0.00	75.16 -0.84 0.00	90.54 -1.01 0.00	108.69 -1.21 0.00	121.18 -1.59 -0.81	130.36 -1.58 -0.47	162.86 -1.95 -2.00	186.40 -2.22 -3.49	202.92 -2.67 0.00	181.60 -1.65 0.00	121.32 -0.98 0.00	92.22 -0.65 0.00	73.16 -0.74 0.00	63.14 -1.03 0.00
LOVETT___3 23632	72.86 3.99 0.00	68.90 3.96 0.00	64.25 3.52 0.00	59.65 3.16 0.00	59.23 3.03 0.00	60.24 3.09 0.00	61.14 3.62 0.00	67.32 3.99 0.00	71.81 4.38 0.00	76.56 5.01 0.00	78.12 6.05 0.00	82.54 6.54 0.00	101.39 8.33 -1.51	123.63 10.55 -3.19	150.45 12.32 -16.18	173.03 14.59 -26.98	213.33 17.58 -32.93	256.63 19.07 -52.43	258.10 20.77 -31.74	212.89 17.59 -12.05	148.68 10.88 -15.49	105.23 7.52 -4.84	78.93 5.03 0.00	68.15 3.98 0.00
LOVETT___4 23642	72.86 3.99 0.00	68.90 3.96 0.00	64.25 3.52 0.00	59.65 3.16 0.00	59.23 3.03 0.00	60.24 3.09 0.00	61.14 3.62 0.00	67.32 3.99 0.00	71.81 4.38 0.00	76.56 5.01 0.00	78.12 6.05 0.00	82.54 6.54 0.00	101.39 8.33 -1.51	123.63 10.55 -3.19	150.45 12.32 -16.18	173.03 14.59 -26.98	213.33 17.58 -32.93	256.63 19.07 -52.43	258.10 20.77 -31.74	212.89 17.59 -12.05	148.68 10.88 -15.49	105.23 7.52 -4.84	78.93 5.03 0.00	68.15 3.98 0.00
LOVETT___5 23593	72.86 3.99 0.00	68.90 3.96 0.00	64.25 3.52 0.00	59.65 3.16 0.00	59.23 3.03 0.00	60.24 3.09 0.00	61.14 3.62 0.00	67.32 3.99 0.00	71.81 4.38 0.00	76.56 5.01 0.00	78.12 6.05 0.00	82.54 6.54 0.00	101.39 8.33 -1.51	123.63 10.55 -3.19	150.45 12.32 -16.18	173.03 14.59 -26.98	213.33 17.58 -32.93	256.63 19.07 -52.43	258.10 20.77 -31.74	212.89 17.59 -12.05	148.68 10.88 -15.49	105.23 7.52 -4.84	78.93 5.03 0.00	68.15 3.98 0.00
LOWER RAQUET___HYD 24057	67.21 -1.65 0.00	63.32 -1.62 0.00	59.39 -1.34 0.00	55.41 -1.07 0.00	55.57 -0.62 0.00	56.24 -0.92 0.00	56.65 -0.86 0.00	62.32 -1.02 0.00	66.28 -1.15 0.00	70.12 -1.43 0.00	69.83 -2.23 0.00	71.21 -4.79 0.00	84.77 -6.77 0.00	100.89 -9.01 0.00	112.20 -9.76 0.00	86.15 -11.31 34.00	148.82 -14.00 0.00	169.95 -15.18 0.00	189.56 -16.04 0.00	168.96 -14.29 0.00	112.76 -9.54 0.00	86.74 -6.13 0.00	71.09 -2.81 0.00	62.50 -1.67 0.00
LOWER___HUDSON 24059	72.03 3.17 0.00	68.00 3.05 0.00	63.58 2.85 0.00	59.03 2.54 0.00	58.50 2.30 0.00	59.73 2.57 0.00	60.16 2.65 0.00	66.31 2.98 0.00	70.60 3.17 0.00	74.69 3.14 0.00	75.68 3.60 -0.02	80.10 4.10 0.00	108.18 5.12 -11.51	140.71 6.48 -24.33	189.78 7.32 -60.51	221.80 7.75 -82.58	268.51 9.93 -95.76	324.93 11.48 -128.32	377.47 12.75 -159.12	268.52 11.18 -74.10	207.18 7.46 -77.42	121.64 5.57 -23.19	77.67 3.77 0.00	66.99 2.82 0.00
LOWVILLE_115KV_TB2 356335	69.41 0.55 0.00	65.14 0.19 0.00	60.85 0.12 0.00	56.77 0.28 0.00	56.70 0.51 0.00	58.58 1.43 0.00	58.84 1.32 0.00	64.92 1.58 0.00	69.12 1.69 0.00	73.19 1.65 0.00	73.22 1.15 0.00	77.06 1.06 0.00	92.28 0.73 0.00	109.13 -0.77 0.00	121.46 -0.85 -0.35	121.62 -0.92 8.93	163.36 -0.33 -0.87	185.72 -0.93 -1.52	206.21 0.62 0.00	184.35 1.10 0.00	123.03 0.73 0.00	95.01 2.14 0.00	75.68 1.77 0.00	65.07 0.90 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	73.54 4.68 0.00	69.29 4.35 0.00	64.61 3.89 0.00	59.82 3.33 0.00	59.39 3.20 0.00	60.64 3.49 0.00	61.02 3.51 0.00	67.20 3.86 0.00	71.54 4.11 0.00	75.84 4.29 0.00	76.69 4.61 -0.01	81.17 5.17 0.00	104.77 6.32 -6.91	132.19 7.69 -14.60	172.05 8.54 -41.56	200.24 8.94 -59.83	244.81 11.56 -70.43	298.32 13.51 -99.67	358.49 15.63 -137.27	250.98 14.29 -53.44	198.94 9.66 -66.98	121.02 7.34 -20.82	79.08 5.17 0.00	68.08 3.91 0.00



LUTHERNY_35_KV_BK2 355980	73.61 4.75 0.00	69.36 4.42 0.00	64.67 3.95 0.00	59.88 3.39 0.00	59.45 3.26 0.00	60.70 3.54 0.00	61.02 3.51 0.00	67.26 3.93 0.00	71.61 4.18 0.00	75.84 4.29 0.00	76.76 4.68 -0.01	81.24 5.24 0.00	104.86 6.41 -6.91	132.30 7.80 -14.60	172.18 8.66 -41.56	200.37 9.07 -59.83	244.98 11.72 -70.43	298.50 13.70 -99.67	358.69 15.83 -137.27	251.17 14.48 -53.44	199.06 9.78 -66.98	121.12 7.43 -20.82	79.15 5.25 0.00	68.15 3.98 0.00
LWR___OSWEGATCHIE_HYD 23850	68.17 -0.69 0.00	64.10 -0.84 0.00	59.94 -0.79 0.00	55.92 -0.56 0.00	55.85 -0.34 0.00	57.21 0.06 0.00	57.52 0.00 0.00	63.40 0.06 0.00	67.50 0.07 0.00	71.40 -0.14 0.00	71.20 -0.86 0.00	73.95 -2.05 0.00	88.34 -3.20 0.00	104.40 -5.49 0.00	116.24 -5.98 -0.26	101.85 -7.10 22.52	155.49 -7.98 -0.64	177.37 -8.89 -1.12	197.17 -8.43 0.00	176.29 -6.96 0.00	117.65 -4.65 0.00	90.92 -1.95 0.00	73.46 -0.44 0.00	63.78 -0.39 0.00
LYONS_FALL_HYD 23570	70.03 1.17 0.00	65.72 0.78 0.00	61.40 0.67 0.00	57.17 0.68 0.00	56.98 0.79 0.00	58.64 1.48 0.00	58.95 1.44 0.00	65.05 1.71 0.00	69.25 1.82 0.00	73.48 1.93 0.00	73.65 1.58 0.00	77.75 1.75 0.00	93.10 1.55 0.00	110.67 0.77 0.00	123.26 0.97 -0.33	126.79 1.05 5.72	165.74 2.11 -0.81	188.59 2.04 -1.42	209.09 3.49 0.00	186.72 3.47 0.00	124.62 2.32 0.00	95.66 2.78 0.00	76.12 2.22 0.00	65.52 1.35 0.00
MADISON___COUNTY_LFGE 323628	71.34 2.48 0.00	67.02 2.08 0.00	62.49 1.76 0.00	58.01 1.53 0.00	57.65 1.46 0.00	58.98 1.83 0.00	59.30 1.78 0.00	65.49 2.15 0.00	69.79 2.36 0.00	74.19 2.65 0.00	74.66 2.59 0.00	79.12 3.12 0.00	94.29 2.75 0.00	112.97 3.08 0.00	125.95 3.41 -0.58	134.62 3.94 0.78	169.46 5.21 -1.43	193.74 6.11 -2.51	213.20 7.61 0.00	190.58 7.33 0.00	127.31 5.01 0.00	96.87 3.99 0.00	77.38 3.47 0.00	66.54 2.37 0.00
MALONE___115KV_TB1 356076	67.42 -1.45 0.00	63.45 -1.49 0.00	59.57 -1.15 0.00	55.75 -0.73 0.00	55.80 -0.39 0.00	56.64 -0.51 0.00	56.88 -0.63 0.00	62.70 -0.63 0.00	66.76 -0.67 0.00	70.69 -0.86 0.00	70.41 -1.66 0.00	73.34 -2.66 0.00	87.52 -4.03 0.00	104.40 -5.49 0.00	115.74 -6.22 0.00	113.07 -7.49 10.90	153.70 -9.12 0.00	175.69 -9.44 0.00	195.32 -10.28 0.00	174.27 -8.98 0.00	116.31 -5.99 0.00	88.69 -4.18 0.00	72.13 -1.77 0.00	63.27 -0.90 0.00
MAPLEWOD_115KV_TB3 80458	71.48 2.62 0.00	67.41 2.47 0.00	63.09 2.37 0.00	58.58 2.09 0.00	58.16 1.97 0.00	59.27 2.11 0.00	59.70 2.19 0.00	65.74 2.41 0.00	69.99 2.56 0.00	74.12 2.58 0.00	75.25 3.17 -0.02	79.57 3.57 0.00	108.62 4.58 -12.49	142.12 5.82 -26.40	193.07 6.59 -64.52	225.81 6.97 -87.37	272.87 8.96 -101.10	329.82 10.37 -134.32	371.53 11.10 -154.83	269.35 9.53 -76.57	203.80 6.24 -75.26	119.74 4.64 -22.23	76.93 3.03 0.00	66.48 2.31 0.00
MAPLE_RIDGE_WT_1 323574	68.11 -0.76 0.00	64.29 -0.65 0.00	60.30 -0.42 0.00	56.20 -0.28 0.00	56.02 -0.17 0.00	56.93 -0.23 0.00	57.34 -0.17 0.00	63.08 -0.25 0.00	67.16 -0.27 0.00	71.26 -0.29 0.00	71.63 -0.43 0.00	75.39 -0.61 0.00	90.54 -1.01 0.00	108.46 -1.43 0.00	120.50 -1.46 0.00	130.61 -1.71 -0.86	160.54 -2.28 0.00	182.54 -2.59 0.00	202.72 -2.88 0.00	180.51 -2.74 0.00	120.34 -1.96 0.00	91.38 -1.49 0.00	72.87 -1.03 0.00	63.53 -0.64 0.00
MAPLE_RIDGE_WT_2 323611	68.11 -0.76 0.00	64.29 -0.65 0.00	60.30 -0.42 0.00	56.20 -0.28 0.00	56.02 -0.17 0.00	56.93 -0.23 0.00	57.34 -0.17 0.00	63.08 -0.25 0.00	67.16 -0.27 0.00	71.26 -0.29 0.00	71.63 -0.43 0.00	75.39 -0.61 0.00	90.54 -1.01 0.00	108.46 -1.43 0.00	120.50 -1.46 0.00	130.61 -1.71 -0.86	160.54 -2.28 0.00	182.54 -2.59 0.00	202.72 -2.88 0.00	180.51 -2.74 0.00	120.34 -1.96 0.00	91.38 -1.49 0.00	72.87 -1.03 0.00	63.53 -0.64 0.00
MARBLE_RIVER_WT_PWR 323696	66.66 -2.21 0.00	62.61 -2.34 0.00	58.78 -1.95 0.00	55.13 -1.36 0.00	55.35 -0.84 0.00	55.73 -1.43 0.00	56.48 -1.03 0.00	61.88 -1.45 0.00	65.88 -1.55 0.00	69.76 -1.79 0.00	69.69 -2.38 0.00	72.73 -3.27 0.00	87.25 -4.30 0.00	104.30 -5.60 0.00	115.74 -6.22 0.00	124.49 -6.97 0.00	153.87 -8.95 0.00	175.31 -9.82 0.00	194.90 -10.70 0.00	173.71 -9.54 0.00	115.81 -6.49 0.00	88.14 -4.73 0.00	71.09 -2.81 0.00	62.44 -1.73 0.00
MARSHVLE_115KV_TB1 80742	74.44 5.58 0.00	70.01 5.07 0.00	65.22 4.49 0.00	60.33 3.84 0.00	59.96 3.76 0.00	61.38 4.23 0.00	61.48 3.97 0.00	67.32 3.99 0.00	71.41 3.98 0.00	75.34 3.79 0.00	76.03 3.96 0.00	80.41 4.41 0.00	99.93 5.22 -3.17	122.63 6.04 -6.69	156.34 6.83 -27.55	182.37 6.84 -44.07	223.91 7.82 -53.28	277.50 10.00 -82.37	323.32 13.98 -103.75	231.73 15.21 -33.27	184.06 11.01 -50.75	117.51 8.36 -16.28	80.26 6.36 0.00	68.85 4.68 0.00
MARSH_HILL_WT_PWR 323713	70.31 1.45 0.00	65.78 0.84 0.00	60.54 -0.18 0.00	56.32 -0.17 0.00	55.57 -0.62 0.00	57.10 -0.06 0.00	57.34 -0.17 0.00	63.15 -0.19 0.00	67.16 -0.27 0.00	71.55 0.00 0.00	72.28 0.22 0.00	76.84 0.84 0.00	92.37 0.82 0.00	110.01 0.11 0.00	122.46 -1.59 -2.09	133.99 -1.57 -4.10	166.68 -1.31 -5.17	193.24 -0.92 -9.03	210.97 0.62 -4.76	188.30 4.03 -1.02	128.92 4.28 -2.34	97.00 3.34 -0.79	76.49 2.59 0.00	65.32 1.16 0.00
MCINTYRE_115KV_TB2 80467	68.86 0.00 0.00	64.81 -0.13 0.00	60.73 0.00 0.00	56.66 0.17 0.00	56.64 0.45 0.00	57.56 0.40 0.00	57.75 0.23 0.00	63.46 0.13 0.00	67.43 0.00 0.00	71.19 -0.36 0.00	70.48 -1.59 0.00	72.35 -3.65 0.00	86.33 -5.22 0.00	102.75 -7.14 0.00	114.40 -7.56 0.00	83.92 -9.33 38.21	152.07 -10.75 0.00	174.39 -10.74 0.00	195.11 -10.49 0.00	174.64 -8.61 0.00	116.67 -5.63 0.00	89.44 -3.44 0.00	73.16 -0.74 0.00	64.10 -0.06 0.00
MECO_____69_KV_BK1 80468	76.09 7.23 0.00	71.57 6.62 0.00	66.56 5.83 0.00	61.46 4.97 0.00	61.08 4.89 0.00	62.58 5.43 0.00	62.75 5.23 0.00	68.97 5.64 0.00	73.16 5.73 0.00	77.20 5.65 0.00	77.98 5.91 0.00	82.54 6.54 0.00	102.73 7.78 -3.40	126.31 9.23 -7.18	160.17 10.24 -27.96	186.28 10.65 -44.17	229.57 13.51 -53.23	283.31 16.66 -81.52	336.75 20.35 -110.81	239.17 20.34 -35.58	190.57 14.06 -54.20	121.03 10.77 -17.38	81.81 7.91 0.00	70.14 5.97 0.00
MENANDS___115KV_TB5 355628	70.86 2.00 0.00	66.89 1.95 0.00	62.67 1.94 0.00	58.24 1.75 0.00	57.82 1.63 0.00	58.87 1.71 0.00	59.36 1.84 0.00	65.30 1.96 0.00	69.52 2.09 0.00	73.62 2.07 0.00	74.82 2.74 -0.01	79.04 3.04 0.00	106.14 3.94 -10.66	137.38 4.95 -22.54	184.57 5.73 -56.88	215.76 6.18 -78.12	261.23 7.65 -90.76	316.66 9.07 -122.46	354.73 9.46 -139.67	258.10 7.88 -66.97	195.36 5.14 -67.93	116.89 3.81 -20.21	76.27 2.36 0.00	65.96 1.80 0.00
MG INDUSTRY___DRP 24185	69.41 0.55 0.00	65.66 0.71 0.00	61.58 0.85 0.00	57.16 0.68 0.00	56.75 0.56 0.00	57.78 0.63 0.00	58.03 0.52 0.00	63.65 0.32 0.00	67.63 0.20 0.00	71.46 -0.07 0.02	72.48 0.43 0.02	75.50 0.53 1.04	77.15 0.92 15.32	79.68 1.32 31.53	75.74 1.71 47.92	84.00 1.58 49.04	105.89 2.28 59.21	130.74 2.78 57.17	132.24 3.29 76.64	123.22 2.75 62.78	96.07 1.83 28.06	88.48 1.49 5.88	74.15 0.59 0.34	64.55 0.39 0.00



MID___OSWEGATCHIE_HYD 23849	68.17 -0.69 0.00	64.10 -0.84 0.00	59.94 -0.79 0.00	55.92 -0.56 0.00	55.85 -0.34 0.00	57.21 0.06 0.00	57.52 0.00 0.00	63.40 0.06 0.00	67.50 0.07 0.00	71.40 -0.14 0.00	71.20 -0.86 0.00	73.95 -2.05 0.00	88.34 -3.20 0.00	104.40 -5.49 0.00	116.24 -5.98 -0.26	101.85 -7.10 22.52	155.49 -7.98 -0.64	177.37 -8.89 -1.12	197.17 -8.43 0.00	176.29 -6.96 0.00	117.65 -4.65 0.00	90.92 -1.95 0.00	73.46 -0.44 0.00	63.78 -0.39 0.00
MID___RAQUETTE_HYD 23851	67.21 -1.65 0.00	63.32 -1.62 0.00	59.39 -1.34 0.00	55.41 -1.07 0.00	55.40 -0.79 0.00	56.30 -0.86 0.00	56.59 -0.92 0.00	62.32 -1.01 0.00	66.28 -1.15 0.00	70.12 -1.43 0.00	69.69 -2.38 0.00	71.21 -4.79 0.00	84.86 -6.68 0.00	100.88 -9.01 0.00	112.20 -9.76 0.00	85.76 -11.70 34.00	148.82 -14.00 0.00	169.95 -15.18 0.00	189.35 -16.24 0.00	168.96 -14.29 0.00	112.76 -9.54 0.00	86.65 -6.22 0.00	71.17 -2.73 0.00	62.50 -1.67 0.00
MILLIKEN___1 23584	70.86 2.00 0.00	66.57 1.62 0.00	61.88 1.15 0.00	57.45 0.96 0.00	56.98 0.79 0.00	58.13 0.97 0.00	58.55 1.04 0.00	64.66 1.33 0.00	68.85 1.42 0.00	73.12 1.57 0.00	73.94 1.87 0.00	78.28 2.28 0.00	94.11 2.56 0.00	112.86 2.97 0.00	126.92 2.93 -2.04	138.43 3.55 -3.42	172.42 4.56 -5.04	199.49 5.55 -8.81	217.42 6.99 -4.83	191.80 7.51 -1.04	130.05 5.38 -2.37	97.85 4.18 -0.80	76.86 2.96 0.00	66.03 1.86 0.00
MILLIKEN___2 23585	70.86 2.00 0.00	66.57 1.62 0.00	61.88 1.15 0.00	57.45 0.96 0.00	56.98 0.79 0.00	58.13 0.97 0.00	58.55 1.04 0.00	64.66 1.33 0.00	68.85 1.42 0.00	73.12 1.57 0.00	73.94 1.87 0.00	78.28 2.28 0.00	94.11 2.56 0.00	112.86 2.97 0.00	126.92 2.93 -2.04	138.43 3.55 -3.42	172.42 4.56 -5.04	199.49 5.55 -8.81	217.42 6.99 -4.83	191.80 7.51 -1.04	130.05 5.38 -2.37	97.85 4.18 -0.80	76.86 2.96 0.00	66.03 1.86 0.00
MILLIKEN___DIESEL 23629	70.86 2.00 0.00	66.57 1.62 0.00	61.88 1.15 0.00	57.45 0.96 0.00	56.98 0.79 0.00	58.13 0.97 0.00	58.55 1.04 0.00	64.66 1.33 0.00	68.85 1.42 0.00	73.12 1.57 0.00	73.94 1.87 0.00	78.28 2.28 0.00	94.11 2.56 0.00	112.86 2.97 0.00	126.92 2.93 -2.04	138.43 3.55 -3.42	172.42 4.56 -5.04	199.49 5.55 -8.81	217.42 6.99 -4.83	191.80 7.51 -1.04	130.05 5.38 -2.37	97.85 4.18 -0.80	76.86 2.96 0.00	66.03 1.86 0.00
MILLSEAT___LFGE 323607	70.45 1.59 0.00	65.78 0.84 0.00	59.82 -0.91 0.00	55.87 -0.62 0.00	54.56 -1.63 0.00	55.84 -1.31 0.00	55.67 -1.84 0.00	60.86 -2.47 0.00	64.87 -2.56 0.00	69.54 -2.00 0.00	70.48 -1.59 0.00	75.47 -0.53 0.00	89.62 -1.93 0.00	106.93 -2.96 0.00	118.07 -5.36 -1.47	128.30 -6.05 -2.88	158.64 -7.81 -3.63	182.97 -8.51 -6.35	198.11 -10.70 -3.21	177.90 -6.04 -0.69	121.68 -2.20 -1.58	91.45 -1.95 -0.53	74.13 0.22 0.00	63.65 -0.52 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	73.27 4.41 0.00	69.23 4.29 0.00	64.55 3.83 0.00	59.99 3.50 0.00	59.56 3.37 0.00	60.58 3.43 0.00	61.43 3.91 0.00	67.64 4.31 0.00	72.15 4.72 0.00	76.91 5.37 0.00	78.48 6.41 0.00	82.92 6.92 0.00	102.03 8.88 -1.60	124.49 11.21 -3.39	151.67 12.93 -16.79	174.59 15.25 -27.87	215.21 18.40 -33.99	259.10 19.99 -53.98	260.28 21.79 -32.89	214.38 18.51 -12.62	149.85 11.50 -16.05	105.86 7.99 -5.00	79.30 5.39 0.00	68.53 4.36 0.00
MILLWOOD_13_KV_LOAD 356217	73.54 4.68 0.00	69.49 4.55 0.00	64.73 4.01 0.00	60.16 3.67 0.00	59.73 3.54 0.00	60.76 3.60 0.00	61.60 4.08 0.00	67.89 4.56 0.00	72.42 4.99 0.00	77.20 5.65 0.00	78.84 6.77 0.00	83.30 7.30 0.00	102.49 9.34 -1.60	125.15 11.87 -3.39	152.40 13.66 -16.79	175.38 16.04 -27.87	216.19 19.38 -33.99	260.21 21.10 -53.98	261.52 23.03 -32.89	215.48 19.61 -12.62	150.46 12.11 -16.05	106.33 8.45 -5.00	79.67 5.76 0.00	68.79 4.62 0.00
MODEL_CITY_ENERGY 24167	68.45 -0.41 0.00	64.03 -0.91 0.00	57.93 -2.79 0.00	54.40 -2.09 0.00	52.88 -3.32 0.00	54.12 -3.03 0.00	54.00 -3.51 0.00	58.77 -4.56 0.00	62.64 -4.79 0.00	67.18 -4.37 0.00	68.10 -3.96 0.00	72.96 -3.04 0.00	87.25 -4.30 0.00	104.07 -5.83 0.00	114.85 -8.66 -1.55	124.63 -9.86 -3.03	154.10 -12.53 -3.82	177.55 -14.25 -6.67	191.93 -17.06 -3.40	172.79 -11.18 -0.73	118.34 -5.62 -1.67	88.98 -4.46 -0.56	71.61 -2.29 0.00	61.66 -2.50 0.00
MODERN_LFGE___ 323580	68.45 -0.41 0.00	64.03 -0.91 0.00	57.93 -2.79 0.00	54.40 -2.09 0.00	52.88 -3.32 0.00	54.12 -3.03 0.00	54.00 -3.51 0.00	58.77 -4.56 0.00	62.64 -4.79 0.00	67.18 -4.37 0.00	68.10 -3.96 0.00	72.96 -3.04 0.00	87.25 -4.30 0.00	104.07 -5.83 0.00	114.85 -8.66 -1.55	124.63 -9.86 -3.03	154.10 -12.53 -3.82	177.55 -14.25 -6.67	191.93 -17.06 -3.40	172.79 -11.18 -0.73	118.34 -5.62 -1.67	88.98 -4.46 -0.56	71.61 -2.29 0.00	61.66 -2.50 0.00
MOHAWK_PAPER___DRP 24187	71.48 2.62 0.00	67.41 2.47 0.00	63.09 2.37 0.00	58.58 2.09 0.00	58.16 1.97 0.00	59.27 2.11 0.00	59.70 2.19 0.00	65.74 2.41 0.00	69.99 2.56 0.00	74.12 2.58 0.00	75.25 3.17 -0.02	79.57 3.57 0.00	108.62 4.58 -12.49	142.12 5.82 -26.40	193.07 6.59 -64.52	225.81 6.97 -87.37	272.87 8.96 -101.10	329.82 10.37 -134.32	371.53 11.10 -154.83	269.35 9.53 -76.57	203.80 6.24 -75.26	119.74 4.64 -22.23	76.93 3.03 0.00	66.48 2.31 0.00
MOHICAN___35_KV_115KV_LD 80490	74.23 5.37 0.00	69.94 5.00 0.00	65.10 4.37 0.00	60.16 3.67 0.00	59.73 3.54 0.00	61.04 3.89 0.00	61.37 3.85 0.00	67.70 4.37 0.00	72.22 4.79 0.00	76.41 4.87 0.00	77.05 4.97 -0.01	81.70 5.70 0.00	105.00 6.77 -6.67	132.14 8.13 -14.11	171.46 8.90 -40.60	199.22 9.07 -58.68	244.02 12.05 -69.15	297.61 14.25 -98.23	359.21 17.48 -136.14	251.95 16.31 -52.39	199.99 11.25 -66.44	122.20 8.64 -20.69	79.82 5.91 0.00	68.60 4.43 0.00
MONGAUP___HYD 23641	73.41 4.54 0.00	69.16 4.22 0.00	64.43 3.70 0.00	59.76 3.27 0.00	59.17 2.98 0.00	60.53 3.37 0.00	61.14 3.63 0.00	67.33 3.99 0.00	71.61 4.18 0.00	75.91 4.36 0.00	77.11 5.04 0.00	81.85 5.85 0.00	99.24 6.41 -1.29	120.96 8.35 -2.72	146.14 9.52 -14.66	167.34 11.17 -24.70	207.70 14.66 -30.22	250.81 17.22 -48.46	254.02 19.54 -28.89	210.77 16.85 -10.67	147.42 11.01 -14.11	105.94 8.64 -4.43	79.96 6.06 0.00	68.72 4.56 0.00
MONTAUK___DIESEL 23721	91.38 9.57 -12.95	88.77 8.70 -15.12	68.39 7.65 -0.02	63.43 6.95 0.00	62.88 6.69 0.00	64.07 6.92 0.00	65.39 7.88 0.00	77.89 9.25 -5.31	89.88 10.52 -11.93	93.39 12.52 -9.32	87.13 13.33 -1.73	100.49 14.74 -9.75	224.38 18.31 -114.52	276.65 20.77 -145.98	293.88 22.44 -149.49	298.84 24.32 -143.05	386.11 27.68 -195.61	473.06 30.73 -257.20	421.93 34.95 -181.38	352.29 31.89 -137.15	275.84 20.55 -133.00	267.84 14.95 -160.01	92.73 12.79 -6.04	77.03 10.46 -2.40
MOONROAD_115KV_HARTFLD_TB1-2 355988	70.58 1.72 0.00	66.24 1.30 0.00	60.48 -0.24 0.00	56.20 -0.28 0.00	55.35 -0.84 0.00	56.64 -0.51 0.00	56.94 -0.58 0.00	62.57 -0.76 0.00	66.82 -0.61 0.00	71.76 0.21 0.00	72.86 0.79 0.00	77.67 1.67 0.00	93.20 1.65 0.00	112.31 2.42 0.00	123.50 -0.24 -1.79	135.37 0.39 -3.51	167.24 0.00 -4.42	192.12 -0.74 -7.73	210.00 0.41 -4.00	187.77 3.66 -0.86	128.42 4.16 -1.96	96.41 2.88 -0.66	76.27 2.36 0.00	65.07 0.90 0.00



MORRIS_RIDGE___SOLAR 323848	69.55 0.69 0.00	65.20 0.26 0.00	59.88 -0.85 0.00	55.70 -0.79 0.00	54.84 -1.35 0.00	56.24 -0.92 0.00	56.25 -1.27 0.00	61.75 -1.58 0.00	65.75 -1.68 0.00	70.12 -1.43 0.00	70.77 -1.30 0.00	75.24 -0.76 0.00	90.35 -1.19 0.00	107.80 -2.09 0.00	119.96 -4.02 -2.02	130.96 -4.47 -3.97	162.77 -5.05 -5.00	188.69 -5.18 -8.75	205.45 -4.72 -4.58	183.87 -0.37 -0.98	125.90 1.35 -2.25	94.56 0.93 -0.76	74.94 1.03 0.00	64.10 -0.06 0.00
MORTIMER_115KV_TB3 55949	69.83 0.96 0.00	65.40 0.45 0.00	60.18 -0.55 0.00	55.86 -0.62 0.00	55.18 -1.01 0.00	56.24 -0.91 0.00	56.36 -1.15 0.00	61.94 -1.39 0.00	66.08 -1.35 0.00	70.76 -0.79 0.00	71.70 -0.36 0.00	76.46 0.46 0.00	91.73 0.18 0.00	109.90 0.00 0.00	121.86 -1.34 -1.25	132.72 -1.18 -2.44	163.78 -2.12 -3.08	188.29 -2.22 -5.38	201.89 -3.70 0.00	181.97 -1.28 0.00	122.54 0.24 0.00	92.96 0.09 0.00	74.57 0.67 0.00	63.98 -0.19 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	73.82 4.96 0.00	69.81 4.87 0.00	65.10 4.37 0.00	60.50 4.01 0.00	60.01 3.82 0.00	61.04 3.89 0.00	62.00 4.49 0.00	68.21 4.88 0.00	72.76 5.33 0.00	77.63 6.08 0.00	79.35 7.28 0.00	83.68 7.68 0.00	102.96 9.80 -1.62	125.74 12.42 -3.42	153.14 14.27 -16.92	176.51 16.96 -28.08	217.41 20.35 -34.24	261.51 22.03 -54.35	262.38 23.64 -33.14	215.96 19.97 -12.73	150.70 12.23 -16.17	106.27 8.36 -5.04	79.74 5.84 0.00	68.98 4.81 0.00
MUNSVILLE_WIND_PWR 323609	75.33 6.47 0.00	70.53 5.59 0.00	65.52 4.80 0.00	60.78 4.29 0.00	60.18 3.99 0.00	62.07 4.92 0.00	62.23 4.72 0.00	68.97 5.63 0.00	73.43 6.00 0.00	77.99 6.44 0.00	78.04 5.98 0.00	83.14 7.14 0.00	99.51 7.96 0.00	119.23 9.34 0.00	135.35 10.25 -3.14	149.19 11.57 -6.15	186.22 15.63 -7.76	217.39 18.69 -13.57	239.30 24.04 -9.66	208.23 22.90 -2.08	142.83 15.78 -4.74	106.53 12.07 -1.59	82.55 8.64 0.00	70.33 6.16 0.00
N SALMON___HYD 24042	67.41 -1.45 0.00	63.45 -1.49 0.00	59.57 -1.16 0.00	55.75 -0.74 0.00	55.97 -0.22 0.00	56.41 -0.74 0.00	57.12 -0.40 0.00	62.70 -0.63 0.00	66.76 -0.67 0.00	70.69 -0.86 0.00	70.62 -1.44 0.00	73.34 -2.66 0.00	87.52 -4.03 0.00	104.40 -5.49 0.00	115.74 -6.22 0.00	113.46 -7.10 10.90	153.71 -9.11 0.00	175.69 -9.43 0.00	195.53 -10.07 0.00	174.27 -8.98 0.00	116.31 -5.99 0.00	88.69 -4.18 0.00	72.06 -1.84 0.00	63.27 -0.90 0.00
N.AKRON__115KV_KNAPP 355671	70.10 1.24 0.00	65.66 0.71 0.00	59.63 -1.09 0.00	55.41 -1.07 0.00	54.45 -1.74 0.00	55.90 -1.26 0.00	55.56 -1.96 0.00	60.74 -2.60 0.00	64.73 -2.70 0.00	69.47 -2.07 0.00	70.41 -1.66 0.00	75.32 -0.68 0.00	89.35 -2.20 0.00	107.26 -2.64 0.00	118.07 -5.37 -1.48	128.85 -5.52 -2.90	158.67 -7.82 -3.66	182.64 -8.89 -6.40	198.35 -10.49 -3.24	178.08 -5.86 -0.70	121.57 -2.32 -1.59	91.64 -1.76 -0.53	73.98 0.07 0.00	63.53 -0.64 0.00
N.E_GEN_SANDY PD 24062	72.03 3.17 0.00	68.06 3.12 0.00	63.64 2.91 0.00	59.14 2.66 0.00	58.55 2.36 0.00	59.79 2.63 0.00	60.33 2.82 0.00	66.50 3.17 0.00	70.80 3.37 0.00	75.05 3.50 0.00	76.25 4.18 -0.01	80.56 4.56 0.00	102.72 5.95 -5.23	128.64 7.69 -11.05	163.95 8.79 -33.21	189.77 9.59 -48.71	232.50 12.05 -57.63	281.81 13.70 -82.99	292.80 14.81 -72.39	229.40 12.47 -33.68	165.60 8.07 -35.23	111.00 5.85 -12.27	76.10 3.91 1.72	67.18 3.02 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	73.06 4.20 0.00	69.03 4.09 0.00	64.37 3.64 0.00	59.76 3.28 0.00	59.34 3.15 0.00	60.36 3.20 0.00	61.25 3.74 0.00	67.45 4.12 0.00	72.02 4.59 0.00	76.70 5.15 0.00	78.41 6.34 0.00	82.92 6.92 0.00	101.83 8.79 -1.49	124.15 11.10 -3.15	150.83 12.81 -16.06	173.40 15.12 -26.81	213.95 18.40 -32.73	257.28 19.99 -52.15	258.92 21.79 -31.53	213.52 18.32 -11.94	149.19 11.50 -15.39	105.57 7.89 -4.81	79.22 5.32 0.00	68.40 4.24 0.00
N.QUEENS_27_KV_LOAD 356247	73.97 5.10 -0.01	69.95 5.00 -0.01	64.98 4.25 0.00	60.67 4.18 0.00	60.41 4.21 0.00	60.87 3.72 0.00	61.89 4.37 0.00	68.21 4.88 0.00	72.62 5.19 0.00	77.63 6.08 0.00	77.89 7.28 1.46	83.12 7.37 0.26	100.81 9.70 0.44	125.09 12.64 -2.55	153.27 14.39 -16.93	178.90 17.48 -29.95	222.51 20.68 -39.01	263.87 21.66 -57.08	265.02 23.44 -35.98	219.65 19.79 -16.61	152.33 12.11 -17.92	106.51 8.54 -5.10	79.81 5.91 0.01	69.37 5.20 0.00
N.TROY___115KV_TB1 355778	72.10 3.24 0.00	67.99 3.05 0.00	63.58 2.85 0.00	59.03 2.54 0.00	58.61 2.42 0.00	59.73 2.57 0.00	60.16 2.65 0.00	66.31 2.98 0.00	70.60 3.17 0.00	74.70 3.15 0.00	75.83 3.75 -0.02	80.10 4.10 0.00	108.28 5.22 -11.51	140.71 6.48 -24.33	189.79 7.32 -60.51	221.93 7.89 -82.58	268.51 9.93 -95.76	324.93 11.48 -128.32	377.46 12.75 -159.12	268.52 11.18 -74.10	207.18 7.46 -77.42	121.64 5.57 -23.19	77.67 3.77 0.00	66.99 2.82 0.00
NARROWS_GT1_1 24228	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
NARROWS_GT1_2 24229	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
NARROWS_GT1_3 24230	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
NARROWS_GT1_4 24231	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
NARROWS_GT1_5 24232	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00



NARROWS_GT1_6 24233	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
NARROWS_GT1_7 24234	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
NARROWS_GT1_8 24235	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 0.00	68.01 4.69 0.01	72.69 5.26 0.01	77.69 6.15 0.01	92.94 7.42 -13.45	86.86 7.98 -2.88	122.11 9.89 -20.67	143.52 12.74 -20.88	153.14 14.26 -16.92	196.81 17.22 -48.13	217.91 20.85 -34.24	286.34 22.21 -79.01	280.83 23.84 -51.40	215.95 19.98 -12.73	150.81 12.35 -16.17	108.09 8.83 -6.39	79.81 5.91 0.01	69.31 5.14 0.00
NARROWS_GT2_1 24236	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	358.12 22.21 -150.79	333.99 23.84 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
NARROWS_GT2_2 24237	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	358.12 22.21 -150.79	333.99 23.84 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
NARROWS_GT2_3 24238	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	358.12 22.21 -150.79	333.99 23.84 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
NARROWS_GT2_4 24239	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	358.12 22.21 -150.79	333.99 23.84 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
NARROWS_GT2_5 24240	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	358.12 22.21 -150.79	333.99 23.84 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
NARROWS_GT2_6 24241	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	358.12 22.21 -150.79	333.99 23.84 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
NARROWS_GT2_7 24242	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	358.12 22.21 -150.79	333.99 23.84 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
NARROWS_GT2_8 24243	74.31 5.44 -0.01	70.28 5.33 -0.01	65.28 4.56 0.00	60.89 4.41 0.00	60.13 3.93 -0.01	61.04 3.89 0.00	62.01 4.49 -0.01	68.04 4.69 -0.02	72.71 5.26 -0.02	77.72 6.15 -0.02	151.46 7.42 -71.97	112.25 7.98 -28.27	205.00 9.89 -103.56	219.50 12.74 -96.86	153.15 14.26 -16.93	255.17 17.22 -106.49	217.91 20.85 -34.25	358.12 22.21 -150.79	333.99 23.84 -104.56	215.95 19.98 -12.73	150.81 12.35 -16.17	112.48 8.83 -10.78	79.81 5.91 0.01	69.31 5.14 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	71.82 2.96 0.00	67.67 2.73 0.00	63.28 2.55 0.00	58.69 2.20 0.00	58.27 2.08 0.00	59.38 2.23 0.00	59.59 2.07 0.00	65.36 2.03 0.00	69.32 1.89 0.00	72.96 1.43 0.02	74.57 2.52 0.02	78.10 3.42 1.32	79.44 4.49 16.60	81.60 5.71 34.01	75.77 6.46 52.65	83.04 6.70 55.13	103.66 9.12 68.27	126.38 11.48 70.23	128.00 13.36 90.96	126.54 11.73 68.44	97.71 8.07 32.66	91.65 5.94 7.17	77.38 3.92 0.44	66.67 2.50 0.00
NCHELSEA_115KV_TR2 355582	73.54 4.68 0.00	69.36 4.42 0.00	64.67 3.95 0.00	60.04 3.56 0.00	59.56 3.37 0.00	60.70 3.54 0.00	61.48 3.97 0.00	67.77 4.43 0.00	72.35 4.92 0.00	76.99 5.44 0.00	78.70 6.63 0.00	83.37 7.37 0.00	102.26 9.43 -1.28	124.14 11.54 -2.70	150.66 13.17 -15.53	173.14 15.25 -26.42	213.94 18.72 -32.40	258.12 20.73 -52.26	258.98 22.41 -30.97	213.40 19.06 -11.09	149.66 12.23 -15.13	106.56 8.92 -4.77	80.11 6.21 0.00	69.04 4.88 0.00
NEG CAPITAL___MECHNVIL 23645	73.68 4.82 0.00	69.42 4.48 0.00	64.73 4.01 0.00	59.93 3.45 0.00	59.39 3.20 0.00	60.76 3.60 0.00	61.14 3.63 0.00	67.39 4.06 0.00	71.81 4.38 0.00	76.06 4.51 0.00	76.90 4.83 -0.01	81.54 5.55 0.00	106.51 6.77 -8.19	135.56 8.35 -17.31	178.06 9.26 -46.84	207.22 9.59 -66.17	252.84 12.54 -77.48	307.39 14.62 -107.64	365.74 16.65 -143.50	257.51 15.03 -59.23	202.40 10.15 -69.96	122.08 7.70 -21.50	79.30 5.39 0.00	68.28 4.11 0.00
NEG CENTRAL_HIGH_ACRES 23767	68.79 -0.07 0.00	64.36 -0.59 0.00	59.39 -1.34 0.00	55.13 -1.36 0.00	54.45 -1.74 0.00	55.61 -1.54 0.00	55.73 -1.78 0.00	61.44 -1.90 0.00	65.61 -1.82 0.00	70.04 -1.51 0.00	71.06 -1.01 0.00	75.70 -0.30 0.00	90.91 -0.64 0.00	108.69 -1.21 0.00	120.97 -2.19 -1.20	131.32 -2.50 -2.36	162.54 -3.26 -2.97	186.80 -3.52 -5.20	200.46 -5.13 0.00	180.51 -2.74 0.00	121.32 -0.98 0.00	92.03 -0.84 0.00	73.61 -0.29 0.00	63.21 -0.96 0.00



NEG CENTRAL___DRP 24199	69.90 1.03 0.00	65.59 0.65 0.00	60.79 0.06 0.00	56.43 -0.06 0.00	55.91 -0.28 0.00	57.04 -0.11 0.00	57.52 0.00 0.00	63.52 0.19 0.00	67.70 0.27 0.00	72.05 0.50 0.00	72.93 0.86 0.00	77.37 1.37 0.00	92.83 1.28 0.00	111.11 1.21 0.00	123.89 0.61 -1.32	134.48 1.05 -1.97	167.23 1.14 -3.27	192.51 1.67 -5.71	210.52 2.06 -2.87	187.16 3.30 -0.62	126.52 2.81 -1.41	95.76 2.41 -0.47	75.68 1.77 0.00	65.00 0.83 0.00
NEG CENTRAL___INDECK 23768	70.31 1.45 0.00	65.66 0.72 0.00	60.30 -0.42 0.00	55.98 -0.51 0.00	55.18 -1.01 0.00	56.53 -0.63 0.00	56.54 -0.98 0.00	61.94 -1.39 0.00	65.54 -1.89 0.00	69.69 -1.86 0.00	70.41 -1.65 0.00	75.09 -0.91 0.00	90.08 -1.47 0.00	104.51 -5.38 0.00	116.40 -7.31 -1.75	127.14 -7.76 -3.44	157.88 -9.27 -4.33	183.82 -8.88 -7.58	200.68 -8.83 -3.92	179.15 -4.94 -0.84	123.12 -1.10 -1.92	95.38 1.86 -0.65	75.82 1.92 0.00	64.68 0.51 0.00
NEG CENTRAL___SENECA 23627	70.31 1.45 0.00	65.92 0.97 0.00	60.97 0.24 0.00	56.60 0.11 0.00	56.02 -0.17 0.00	57.21 0.06 0.00	57.63 0.12 0.00	63.65 0.32 0.00	67.83 0.40 0.00	72.19 0.64 0.00	73.15 1.08 0.00	77.67 1.67 0.00	93.01 1.46 0.00	111.11 1.21 0.00	123.79 0.37 -1.47	135.13 0.79 -2.87	167.42 0.98 -3.62	193.13 1.67 -6.33	210.87 2.06 -3.22	187.61 3.66 -0.69	127.19 3.30 -1.58	96.38 2.97 -0.53	76.19 2.29 0.00	65.26 1.09 0.00
NEG CENTRAL___STATE_STREET 24147	69.76 0.90 0.00	65.53 0.58 0.00	60.85 0.12 0.00	56.54 0.06 0.00	56.02 -0.17 0.00	57.16 0.00 0.00	57.52 0.00 0.00	63.59 0.25 0.00	67.83 0.40 0.00	72.12 0.57 0.00	73.07 1.01 0.00	77.37 1.37 0.00	93.10 1.56 0.00	111.65 1.76 0.00	124.71 1.46 -1.29	135.30 1.97 -1.86	168.29 2.28 -3.19	193.67 2.96 -5.58	211.91 3.50 -2.82	188.07 4.21 -0.61	126.86 3.18 -1.38	95.75 2.41 -0.47	75.60 1.70 0.00	65.00 0.83 0.00
NEG MILLWOOD___DRP 24198	74.10 5.23 0.00	69.81 4.87 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.96 3.76 0.00	61.10 3.94 0.00	61.83 4.31 0.00	68.21 4.88 0.00	72.89 5.46 0.00	77.56 6.01 0.00	79.35 7.28 0.00	83.98 7.98 0.00	103.19 10.16 -1.48	125.78 12.75 -3.13	153.05 14.63 -16.46	176.04 16.96 -27.62	217.25 20.68 -33.75	261.85 22.77 -53.95	263.21 25.08 -32.53	216.63 21.26 -12.13	151.51 13.33 -15.88	107.41 9.57 -4.97	80.55 6.65 0.00	69.37 5.20 0.00
NEG NORTH_FLCN_SEA 23793	66.31 -2.55 0.00	61.82 -3.12 0.00	58.05 -2.67 0.00	54.79 -1.69 0.00	54.84 -1.35 0.00	55.67 -1.49 0.00	55.50 -2.01 0.00	61.18 -2.15 0.00	65.14 -2.29 0.00	68.97 -2.58 0.00	68.75 -3.31 0.00	71.97 -4.03 0.00	86.15 -5.40 0.00	102.97 -6.92 0.00	114.15 -7.81 0.00	122.53 -8.94 0.00	151.75 -11.07 0.00	173.28 -11.85 0.00	192.44 -13.16 0.00	171.52 -11.73 0.00	114.35 -7.95 0.00	87.02 -5.85 0.00	70.36 -3.55 0.00	61.79 -2.37 0.00
NEG NORTH_KES_CHATEGAY 23792	66.80 -2.07 0.00	62.80 -2.14 0.00	58.96 -1.76 0.00	55.24 -1.24 0.00	55.29 -0.90 0.00	56.13 -1.03 0.00	56.31 -1.21 0.00	62.00 -1.33 0.00	65.95 -1.48 0.00	69.76 -1.79 0.00	69.54 -2.52 0.00	72.73 -3.27 0.00	87.15 -4.39 0.00	104.18 -5.71 0.00	115.74 -6.22 0.00	121.02 -7.36 3.09	153.87 -8.96 0.00	175.50 -9.63 0.00	195.11 -10.49 0.00	173.90 -9.35 0.00	115.94 -6.36 0.00	88.32 -4.55 0.00	71.39 -2.51 0.00	62.63 -1.54 0.00
NEG NORTH___ALICE_FALLS 23915	67.00 -1.86 0.00	62.67 -2.27 0.00	58.84 -1.88 0.00	55.36 -1.13 0.00	55.46 -0.73 0.00	56.24 -0.91 0.00	56.25 -1.27 0.00	62.00 -1.33 0.00	66.01 -1.42 0.00	69.83 -1.72 0.00	69.69 -2.38 0.00	72.96 -3.04 0.00	87.24 -4.30 0.00	104.18 -5.71 0.00	115.49 -6.46 0.00	123.29 -7.49 0.68	153.70 -9.12 0.00	175.50 -9.63 0.00	194.90 -10.69 0.00	173.90 -9.35 0.00	115.94 -6.36 0.00	88.23 -4.64 0.00	71.46 -2.44 0.00	62.63 -1.54 0.00
NEG NORTH___LWR_SARANAC 23913	67.00 -1.86 0.00	62.67 -2.27 0.00	58.84 -1.88 0.00	55.36 -1.13 0.00	55.46 -0.73 0.00	56.24 -0.91 0.00	56.25 -1.27 0.00	62.00 -1.33 0.00	66.01 -1.42 0.00	69.83 -1.72 0.00	69.69 -2.38 0.00	72.96 -3.04 0.00	87.24 -4.30 0.00	104.18 -5.71 0.00	115.49 -6.46 0.00	123.29 -7.49 0.68	153.70 -9.12 0.00	175.50 -9.63 0.00	194.90 -10.69 0.00	173.90 -9.35 0.00	115.94 -6.36 0.00	88.23 -4.64 0.00	71.46 -2.44 0.00	62.63 -1.54 0.00
NEG NORTH___PLATTSBURG 23628	67.01 -1.86 0.00	62.67 -2.27 0.00	58.84 -1.88 0.00	55.36 -1.13 0.00	55.57 -0.62 0.00	55.78 -1.37 0.00	56.71 -0.81 0.00	62.00 -1.33 0.00	66.01 -1.42 0.00	69.90 -1.64 0.00	69.83 -2.23 0.00	72.96 -3.04 0.00	87.25 -4.30 0.00	104.18 -5.72 0.00	115.49 -6.47 0.00	123.55 -7.23 0.68	153.71 -9.11 0.00	175.50 -9.63 0.00	194.90 -10.70 0.00	173.91 -9.34 0.00	115.94 -6.36 0.00	88.23 -4.64 0.00	71.39 -2.51 0.00	62.63 -1.54 0.00
NEG WEST_LEA_LOCKPORT 23791	68.38 -0.48 0.00	64.16 -0.78 0.00	58.24 -2.49 0.00	54.11 -2.37 0.00	53.16 -3.03 0.00	54.58 -2.57 0.00	54.18 -3.34 0.00	59.15 -4.18 0.00	62.98 -4.45 0.00	67.61 -3.94 0.00	68.53 -3.53 0.00	73.26 -2.74 0.00	87.52 -4.03 0.00	105.06 -4.84 0.00	115.44 -8.05 -1.53	126.05 -8.41 -3.00	155.04 -11.56 -3.78	178.41 -13.33 -6.61	193.33 -15.63 -3.36	173.89 -10.08 -0.72	118.94 -5.01 -1.65	89.71 -3.71 -0.55	71.98 -1.92 0.00	61.99 -2.18 0.00
NEG WEST___LANCASTR 23811	67.69 -1.17 0.00	63.58 -1.36 0.00	58.05 -2.67 0.00	53.94 -2.54 0.00	53.10 -3.09 0.00	54.30 -2.86 0.00	54.47 -3.05 0.00	59.72 -3.61 0.00	63.72 -3.71 0.00	68.40 -3.15 0.00	69.40 -2.67 0.00	74.10 -1.90 0.00	88.89 -2.65 0.00	107.04 -2.86 0.00	117.16 -6.59 -1.79	128.66 -6.31 -3.51	158.94 -8.30 -4.42	182.86 -10.00 -7.73	200.95 -8.63 -3.99	179.53 -4.58 -0.86	122.67 -1.59 -1.96	92.05 -1.49 -0.66	72.79 -1.11 0.00	62.24 -1.93 0.00
NEG_PENN_ALLEGHNY 23528	70.10 1.24 0.00	65.92 0.98 0.00	61.27 0.55 0.00	56.94 0.45 0.00	56.30 0.11 0.00	57.61 0.46 0.00	57.92 0.41 0.00	63.90 0.57 0.00	68.10 0.67 0.00	72.48 0.93 0.00	73.36 1.30 0.00	77.82 1.82 0.00	93.74 2.19 0.00	112.53 2.63 0.00	127.66 2.44 -3.26	140.49 2.63 -6.39	174.46 3.58 -8.06	203.12 3.89 -14.10	218.43 4.93 -7.91	190.44 5.49 -1.70	130.21 4.03 -3.88	97.15 2.97 -1.31	75.90 2.00 0.00	65.19 1.02 0.00
NEG___GEN_MONROE 24207	70.38 1.51 0.00	65.98 1.04 0.00	60.48 -0.24 0.00	56.09 -0.40 0.00	55.29 -0.90 0.00	56.47 -0.69 0.00	56.54 -0.98 0.00	62.07 -1.27 0.00	66.01 -1.42 0.00	70.76 -0.79 0.00	71.85 -0.22 0.00	76.68 0.68 0.00	91.64 0.09 0.00	109.90 0.00 0.00	121.63 -1.59 -1.26	132.61 -1.31 -2.46	163.32 -2.61 -3.11	187.78 -2.78 -5.43	204.59 -3.70 -2.69	182.91 -0.92 -0.58	124.23 0.61 -1.32	93.78 0.46 -0.44	75.16 1.26 0.00	64.62 0.45 0.00
NEPA___ENERGY 23901	69.41 0.55 0.00	65.27 0.32 0.00	59.63 -1.09 0.00	55.36 -1.13 0.00	54.56 -1.63 0.00	55.78 -1.37 0.00	55.96 -1.55 0.00	61.37 -1.96 0.00	65.47 -1.96 0.00	70.26 -1.29 0.00	71.27 -0.79 0.00	76.08 0.08 0.00	91.27 -0.27 0.00	109.79 -0.11 0.00	121.20 -2.56 -1.81	132.90 -2.10 -3.54	164.35 -2.93 -4.46	189.05 -3.89 -7.81	206.55 -3.08 -4.04	184.67 0.55 -0.87	126.24 1.96 -1.98	94.65 1.11 -0.67	74.72 0.81 0.00	63.78 -0.39 0.00



NEVERSINK___HYD 23608	72.99 4.13 0.00	68.71 3.77 0.00	64.06 3.34 0.00	59.48 2.99 0.00	58.83 2.64 0.00	60.18 3.03 0.00	60.79 3.28 0.00	67.77 4.43 0.00	72.35 4.92 0.00	76.91 5.37 0.00	78.19 6.12 0.00	83.04 7.14 0.10	100.34 8.88 0.08	121.02 11.21 0.09	144.12 12.80 -9.36	164.62 14.85 -18.31	204.14 19.04 -22.28	241.96 18.69 -38.14	245.34 20.98 -18.76	205.44 17.77 -4.42	143.78 11.38 -10.10	104.34 8.08 -3.40	79.48 5.61 0.03	68.34 4.17 0.00
NEWKRMKL_115KV_TB1 55635	70.51 1.65 0.00	66.57 1.62 0.00	62.37 1.64 0.00	57.95 1.47 0.00	57.54 1.35 0.00	58.64 1.49 0.00	59.07 1.55 0.00	64.98 1.65 0.00	69.18 1.75 0.00	73.19 1.65 0.00	74.36 2.31 0.01	78.58 2.58 0.00	90.31 3.39 4.63	104.52 4.40 9.78	120.32 5.12 6.75	138.07 5.39 -1.21	174.56 6.84 -4.90	217.35 7.96 -24.26	241.65 8.43 -27.63	179.93 6.78 10.10	140.56 4.40 -13.85	101.92 3.25 -5.80	75.82 1.92 0.00	65.71 1.54 0.00
NEWTON___FALLS_HYD 23847	68.17 -0.69 0.00	64.10 -0.84 0.00	59.94 -0.79 0.00	55.92 -0.56 0.00	55.85 -0.34 0.00	57.21 0.06 0.00	57.52 0.00 0.00	63.40 0.06 0.00	67.50 0.07 0.00	71.40 -0.14 0.00	71.20 -0.86 0.00	73.95 -2.05 0.00	88.34 -3.20 0.00	104.40 -5.49 0.00	116.24 -5.98 -0.26	101.85 -7.10 22.52	155.49 -7.98 -0.64	177.37 -8.89 -1.12	197.17 -8.43 0.00	176.29 -6.96 0.00	117.65 -4.65 0.00	90.92 -1.95 0.00	73.46 -0.44 0.00	63.78 -0.39 0.00
NGRID_A1_DSASP 323792	67.55 -1.31 0.00	63.19 -1.75 0.00	58.36 -2.37 0.00	53.61 -2.88 0.00	53.33 -2.86 0.00	54.58 -2.57 0.00	53.60 -3.91 0.00	58.46 -4.88 0.00	62.30 -5.13 0.00	66.75 -4.79 0.00	67.67 -4.40 0.00	72.50 -3.49 0.00	86.78 -4.76 0.00	103.52 -6.38 0.00	114.13 -9.39 -1.56	123.87 -10.64 -3.05	153.15 -13.51 -3.85	176.49 -15.36 -6.72	190.51 -18.50 -3.42	171.88 -12.10 -0.74	117.49 -6.49 -1.68	88.42 -5.02 -0.56	71.02 -2.88 0.00	61.15 -3.01 0.00
NGRID_A2_DSASP 323793	67.55 -1.31 0.00	63.19 -1.75 0.00	58.36 -2.37 0.00	53.61 -2.88 0.00	53.33 -2.86 0.00	54.58 -2.57 0.00	53.60 -3.91 0.00	58.46 -4.88 0.00	62.30 -5.13 0.00	66.75 -4.79 0.00	67.67 -4.40 0.00	72.50 -3.49 0.00	86.78 -4.76 0.00	103.52 -6.38 0.00	114.13 -9.39 -1.56	123.87 -10.64 -3.05	153.15 -13.51 -3.85	176.49 -15.36 -6.72	190.51 -18.50 -3.42	171.88 -12.10 -0.74	117.49 -6.49 -1.68	88.42 -5.02 -0.56	71.02 -2.88 0.00	61.15 -3.01 0.00
NGRID_A4_DSASP 323807	67.55 -1.31 0.00	63.19 -1.75 0.00	58.36 -2.37 0.00	53.61 -2.88 0.00	53.33 -2.86 0.00	54.58 -2.57 0.00	53.60 -3.91 0.00	58.46 -4.88 0.00	62.30 -5.13 0.00	66.75 -4.79 0.00	67.67 -4.40 0.00	72.50 -3.49 0.00	86.78 -4.76 0.00	103.52 -6.38 0.00	114.13 -9.39 -1.56	123.87 -10.64 -3.05	153.15 -13.51 -3.85	176.49 -15.36 -6.72	190.51 -18.50 -3.42	171.88 -12.10 -0.74	117.49 -6.49 -1.68	88.42 -5.02 -0.56	71.02 -2.88 0.00	61.15 -3.01 0.00
NIAGARA_115E_LBMP 323715	68.24 -0.62 0.00	63.84 -1.10 0.00	57.69 -3.03 0.00	54.22 -2.26 0.00	52.65 -3.54 0.00	53.90 -3.26 0.00	53.78 -3.74 0.00	58.52 -4.82 0.00	62.30 -5.13 0.00	66.82 -4.72 0.00	67.74 -4.32 0.00	72.58 -3.42 0.00	86.88 -4.67 0.00	103.64 -6.26 0.00	114.24 -9.27 -1.56	124.00 -10.52 -3.05	153.32 -13.35 -3.85	176.68 -15.18 -6.73	190.93 -18.09 -3.43	171.89 -12.10 -0.74	117.75 -6.23 -1.68	88.60 -4.83 -0.57	71.25 -2.66 0.00	61.41 -2.76 0.00
NIAGARA_115W_LBMP 323714	67.35 -1.52 0.00	63.00 -1.95 0.00	58.23 -2.49 0.00	53.43 -3.05 0.00	53.27 -2.92 0.00	54.53 -2.63 0.00	53.49 -4.03 0.00	58.33 -5.00 0.00	62.10 -5.33 0.00	66.61 -4.94 0.00	67.45 -4.61 0.00	72.28 -3.72 0.00	86.60 -4.94 0.00	103.19 -6.71 0.00	113.87 -9.64 -1.55	123.47 -11.04 -3.04	152.66 -14.00 -3.84	175.92 -15.92 -6.71	189.90 -19.11 -3.42	171.34 -12.64 -0.73	117.13 -6.85 -1.68	88.15 -5.29 -0.56	70.87 -3.03 0.00	61.03 -3.14 0.00
NIAGARA_230_LBMP 323716	68.24 -0.62 0.00	63.84 -1.10 0.00	58.36 -2.37 0.00	54.17 -2.32 0.00	53.33 -2.86 0.00	54.58 -2.57 0.00	54.24 -3.28 0.00	59.22 -4.12 0.00	63.05 -4.38 0.00	67.61 -3.94 0.00	68.54 -3.53 0.00	73.42 -2.58 0.00	87.98 -3.57 0.00	104.84 -5.05 0.00	115.93 -7.56 -1.53	125.79 -8.68 -3.00	155.53 -11.08 -3.79	179.15 -12.60 -6.62	193.54 -15.42 -3.36	174.44 -9.54 -0.72	119.30 -4.65 -1.65	89.62 -3.81 -0.56	71.91 -1.99 0.00	61.86 -2.31 0.00
NIAGARA___115KV_198_GIBSON 55903	67.07 -1.79 0.00	62.99 -1.95 0.00	58.24 -2.49 0.00	54.17 -2.32 0.00	53.27 -2.92 0.00	53.61 -3.54 0.00	53.43 -4.08 0.00	58.33 -5.00 0.00	62.10 -5.33 0.00	66.68 -4.87 0.00	67.52 -4.54 0.00	72.28 -3.72 0.00	86.42 -5.13 0.00	103.74 -6.15 0.00	113.88 -9.63 -1.55	124.25 -10.25 -3.04	152.82 -13.84 -3.84	175.92 -15.92 -6.71	190.30 -18.71 -3.42	171.34 -12.64 -0.73	117.13 -6.85 -1.68	88.42 -5.02 -0.56	70.87 -3.03 0.00	61.02 -3.14 0.00
NIAGARA___ 23760	68.24 -0.62 0.00	63.84 -1.10 0.00	58.36 -2.37 0.00	54.17 -2.32 0.00	53.33 -2.86 0.00	54.58 -2.57 0.00	54.24 -3.28 0.00	59.22 -4.12 0.00	63.05 -4.38 0.00	67.61 -3.94 0.00	68.54 -3.53 0.00	73.42 -2.58 0.00	87.98 -3.57 0.00	104.84 -5.05 0.00	115.94 -7.56 -1.55	125.81 -8.68 -3.03	155.56 -11.08 -3.82	179.21 -12.60 -6.68	193.57 -15.42 -3.40	174.44 -9.54 -0.73	119.32 -4.65 -1.67	89.62 -3.81 -0.56	71.91 -1.99 0.00	61.86 -2.31 0.00
NINE_MILE_1 23575	67.21 -1.65 0.00	63.25 -1.69 0.00	58.96 -1.76 0.00	54.79 -1.69 0.00	54.39 -1.80 0.00	55.44 -1.71 0.00	55.73 -1.78 0.00	61.44 -1.90 0.00	65.47 -1.96 0.00	69.62 -1.93 0.00	70.27 -1.80 0.00	74.40 -1.60 0.00	89.53 -2.01 0.00	107.37 -2.52 0.00	119.66 -2.93 -0.63	129.54 -3.16 -1.23	160.46 -3.91 -1.55	183.39 -4.44 -2.71	200.46 -5.13 0.00	179.22 -4.03 0.00	119.73 -2.57 0.00	90.92 -1.95 0.00	72.35 -1.56 0.00	62.50 -1.67 0.00
NINE_MILE_2 23744	67.21 -1.65 0.00	63.25 -1.69 0.00	58.96 -1.76 0.00	54.79 -1.69 0.00	54.39 -1.80 0.00	55.44 -1.71 0.00	55.73 -1.78 0.00	61.44 -1.90 0.00	65.47 -1.96 0.00	69.62 -1.93 0.00	70.27 -1.80 0.00	74.40 -1.60 0.00	89.53 -2.01 0.00	107.37 -2.52 0.00	119.65 -2.93 -0.63	129.53 -3.16 -1.22	160.46 -3.91 -1.54	183.38 -4.44 -2.70	200.46 -5.13 0.00	179.22 -4.03 0.00	119.73 -2.57 0.00	90.92 -1.95 0.00	72.35 -1.56 0.00	62.50 -1.67 0.00
NM_CAPITAL___DRP 24208	70.65 1.79 0.00	66.70 1.75 0.00	62.49 1.76 0.00	58.07 1.58 0.00	57.65 1.46 0.00	58.76 1.60 0.00	59.18 1.67 0.00	65.17 1.84 0.00	69.32 1.89 0.00	73.41 1.86 0.00	74.53 2.45 -0.01	78.74 2.74 0.00	102.93 3.66 -7.72	130.83 4.62 -16.31	171.92 5.37 -44.60	200.50 5.78 -63.25	244.14 7.16 -74.15	297.06 8.52 -103.42	330.37 8.84 -115.93	242.24 7.33 -51.67	183.52 4.77 -56.45	113.48 3.53 -17.08	76.05 2.14 0.00	65.84 1.67 0.00
NM_CENTRAL___DRP 24181	68.79 -0.07 0.00	64.68 -0.26 0.00	60.24 -0.49 0.00	55.98 -0.51 0.00	55.52 -0.67 0.00	56.58 -0.57 0.00	57.00 -0.52 0.00	62.95 -0.38 0.00	67.16 -0.27 0.00	71.40 -0.14 0.00	72.28 0.22 0.00	76.61 0.61 0.00	92.19 0.64 0.00	110.67 0.77 0.00	123.34 0.49 -0.90	133.03 0.79 -0.78	165.69 0.65 -2.22	189.75 0.74 -3.88	206.21 0.62 0.00	184.53 1.28 0.00	123.40 1.10 0.00	93.71 0.84 0.00	74.35 0.44 0.00	64.10 -0.06 0.00



NM_FRONTIER___DRP 24179	67.07 -1.79 0.00	62.99 -1.95 0.00	58.24 -2.49 0.00	54.17 -2.32 0.00	53.27 -2.92 0.00	53.61 -3.54 0.00	53.43 -4.08 0.00	58.33 -5.00 0.00	62.10 -5.33 0.00	66.68 -4.87 0.00	67.52 -4.54 0.00	72.28 -3.72 0.00	86.42 -5.13 0.00	103.74 -6.15 0.00	113.88 -9.63 -1.55	124.25 -10.25 -3.04	152.82 -13.84 -3.84	175.92 -15.92 -6.71	190.30 -18.71 -3.42	171.34 -12.64 -0.73	117.13 -6.85 -1.68	88.42 -5.02 -0.56	70.87 -3.03 0.00	61.02 -3.14 0.00
NM_ST_REGIS___HYD 24053	67.28 -1.58 0.00	63.32 -1.62 0.00	59.39 -1.34 0.00	55.47 -1.02 0.00	55.52 -0.67 0.00	56.41 -0.74 0.00	56.65 -0.86 0.00	62.45 -0.89 0.00	66.42 -1.01 0.00	70.26 -1.29 0.00	69.83 -2.23 0.00	71.74 -4.26 0.00	85.51 -6.04 0.00	101.76 -8.13 0.00	113.05 -8.90 0.00	91.44 -10.78 29.25	149.96 -12.86 0.00	171.24 -13.88 0.00	190.79 -14.80 0.00	170.24 -13.01 0.00	113.62 -8.68 0.00	87.11 -5.76 0.00	71.39 -2.51 0.00	62.69 -1.48 0.00
NORTHPORT___1 23551	87.49 6.06 -12.57	86.17 6.10 -15.12	66.33 5.58 -0.02	61.58 5.09 -0.01	60.81 4.61 -0.01	62.19 5.03 -0.01	63.10 5.58 -0.01	74.78 6.14 -5.31	86.10 6.74 -11.93	88.02 7.15 -9.32	79.68 6.20 -1.41	81.75 7.07 1.31	95.16 8.88 5.26	126.69 11.43 -5.37	164.41 13.06 -29.40	167.74 14.85 -21.42	212.39 18.39 -31.18	277.22 20.00 -72.09	242.40 22.01 -14.80	201.64 18.50 0.11	166.34 11.62 -32.42	91.87 8.08 9.08	72.86 5.84 6.88	70.80 5.26 -1.37
NORTHPORT___2 23552	87.49 6.06 -12.57	86.17 6.10 -15.12	66.33 5.58 -0.02	61.58 5.09 -0.01	60.81 4.61 -0.01	62.19 5.03 -0.01	63.10 5.58 -0.01	74.78 6.14 -5.31	86.10 6.74 -11.93	88.02 7.15 -9.32	79.68 6.20 -1.41	81.75 7.07 1.31	95.16 8.88 5.26	126.69 11.43 -5.37	164.41 13.06 -29.40	167.74 14.85 -21.42	212.39 18.39 -31.18	277.22 20.00 -72.09	242.40 22.01 -14.80	201.64 18.50 0.11	166.34 11.62 -32.42	91.87 8.08 9.08	72.86 5.84 6.88	70.80 5.26 -1.37
NORTHPORT___3 23553	86.38 5.02 -12.50	85.26 5.20 -15.12	65.36 4.61 -0.02	60.73 4.24 -0.01	60.02 3.82 -0.01	61.33 4.17 -0.01	62.18 4.66 -0.01	73.84 5.19 -5.31	85.16 5.80 -11.93	86.80 5.94 -9.32	79.19 5.77 -1.36	81.51 6.46 0.95	94.68 8.42 5.28	125.91 10.88 -5.13	163.24 12.45 -28.84	166.16 14.46 -20.24	210.35 17.91 -29.62	275.13 19.43 -70.57	240.16 21.18 -13.39	199.71 17.77 1.31	165.08 10.76 -32.01	91.74 7.99 9.12	72.12 5.17 6.96	70.31 4.82 -1.33
NORTHPORT___4 23650	86.38 5.02 -12.50	85.26 5.20 -15.12	65.36 4.61 -0.02	60.73 4.24 -0.01	60.02 3.82 -0.01	61.33 4.17 -0.01	62.18 4.66 -0.01	73.84 5.19 -5.31	85.16 5.80 -11.93	86.80 5.94 -9.32	79.19 5.77 -1.36	81.51 6.46 0.95	94.68 8.42 5.28	125.91 10.88 -5.13	163.24 12.45 -28.84	166.16 14.46 -20.24	210.35 17.91 -29.62	275.13 19.43 -70.57	240.16 21.18 -13.39	199.71 17.77 1.31	165.08 10.76 -32.01	91.74 7.99 9.12	72.12 5.17 6.96	70.31 4.82 -1.33
NORTHPORT___IC 23718	87.56 6.13 -12.57	86.17 6.10 -15.12	66.33 5.59 -0.02	61.57 5.08 0.00	61.14 4.94 0.00	62.18 5.03 0.00	63.21 5.69 0.00	74.79 6.14 -5.31	86.10 6.74 -11.93	88.09 7.23 -9.32	80.11 6.63 -1.41	81.75 7.07 1.31	95.17 8.88 5.26	126.47 11.21 -5.37	164.28 12.93 -29.40	168.01 15.12 -21.42	212.40 18.40 -31.18	277.21 19.99 -72.09	242.39 22.00 -14.80	201.65 18.51 0.11	166.33 11.62 -32.42	91.78 7.99 9.08	72.79 5.76 6.88	70.80 5.26 -1.37
NORTH___COUNTRY_ESR 323785	66.59 -2.27 0.00	62.67 -2.27 0.00	58.84 -1.88 0.00	55.13 -1.36 0.00	55.35 -0.84 0.00	55.78 -1.37 0.00	56.48 -1.03 0.00	61.94 -1.39 0.00	65.88 -1.55 0.00	69.76 -1.79 0.00	69.69 -2.38 0.00	72.73 -3.27 0.00	87.15 -4.39 0.00	104.18 -5.72 0.00	115.61 -6.35 0.00	121.21 -7.10 3.15	153.71 -9.11 0.00	175.31 -9.82 0.00	194.69 -10.90 0.00	173.53 -9.72 0.00	115.69 -6.61 0.00	88.14 -4.73 0.00	71.09 -2.81 0.00	62.50 -1.67 0.00
NPX_GEN_1385_PROXY 323591	86.87 5.44 -12.57	85.78 5.72 -15.12	66.33 5.58 -0.02	61.47 4.97 -0.01	60.70 4.50 -0.01	62.42 5.25 -0.01	63.33 5.81 -0.01	74.47 5.82 -5.31	85.69 6.34 -11.93	87.74 6.87 -9.32	79.60 6.12 -1.41	81.60 6.92 1.31	95.35 9.07 5.26	126.80 11.54 -5.37	163.80 12.45 -29.40	168.00 15.11 -21.42	212.23 18.23 -31.18	277.04 19.82 -72.09	242.40 22.01 -14.80	202.02 18.88 0.11	166.34 11.62 -32.42	95.26 9.75 7.36	71.00 5.69 8.59	70.55 5.01 -1.37
NPX_GEN_CSC 323557	88.55 6.75 -12.94	86.36 6.30 -15.12	66.33 5.58 -0.02	61.52 5.03 -0.01	60.70 4.50 -0.01	62.02 4.86 -0.01	63.05 5.52 -0.01	75.04 6.39 -5.31	86.44 7.08 -11.93	88.81 7.94 -9.32	81.51 7.71 -1.73	94.46 8.74 -9.72	217.06 11.26 -114.26	270.51 14.94 -145.67	287.74 16.71 -149.07	292.65 18.15 -143.03	380.72 22.31 -195.59	466.41 24.63 -256.65	414.11 27.14 -181.37	344.04 23.65 -137.15	270.93 15.78 -132.85	265.85 11.61 -161.37	86.49 8.28 -4.31	73.04 6.48 -2.40
NSINS_S_GLNS_FALLS 23858	74.23 5.37 0.00	69.88 4.94 0.00	65.04 4.31 0.00	60.04 3.56 0.00	59.62 3.43 0.00	60.98 3.83 0.00	61.31 3.80 0.00	67.64 4.31 0.00	72.15 4.72 0.00	76.41 4.87 0.00	76.97 4.90 -0.01	81.62 5.62 0.00	104.73 6.68 -6.50	131.66 8.02 -13.74	170.63 8.78 -39.90	198.24 8.94 -57.84	242.92 11.89 -68.21	296.18 13.88 -97.16	358.17 17.27 -135.30	250.99 16.13 -51.62	199.47 11.13 -66.04	122.02 8.54 -20.60	79.74 5.84 0.00	68.53 4.36 0.00
NUCOR_STEEL___DRP 24197	69.90 1.03 0.00	65.66 0.71 0.00	61.03 0.30 0.00	56.66 0.17 0.00	56.19 0.00 0.00	57.21 0.06 0.00	57.63 0.12 0.00	63.65 0.32 0.00	67.83 0.40 0.00	72.12 0.57 0.00	72.93 0.86 0.00	77.29 1.29 0.00	93.01 1.46 0.00	111.54 1.65 0.00	124.54 1.34 -1.24	135.04 1.84 -1.74	168.00 2.12 -3.06	193.07 2.59 -5.35	211.36 3.08 -2.68	187.67 3.85 -0.58	126.55 2.94 -1.32	95.54 2.23 -0.44	75.53 1.63 0.00	65.00 0.83 0.00
NUMBER_THREE_WT_PWR 323818	69.28 0.42 0.00	65.01 0.07 0.00	60.73 0.00 0.00	56.66 0.17 0.00	56.59 0.40 0.00	58.52 1.37 0.00	58.78 1.26 0.00	64.85 1.52 0.00	69.05 1.62 0.00	73.12 1.57 0.00	73.15 1.08 0.00	76.99 0.99 0.00	92.10 0.55 0.00	108.91 -0.99 0.00	121.21 -1.10 -0.35	121.02 -1.19 9.26	163.05 -0.65 -0.88	185.37 -1.29 -1.53	205.59 0.00 0.00	183.80 0.55 0.00	122.79 0.49 0.00	94.73 1.86 0.00	75.53 1.62 0.00	65.00 0.83 0.00
NYISO_LBMP_REFERENCE 24008	68.86 0.00 0.00	64.94 0.00 0.00	60.73 0.00 0.00	56.49 0.00 0.00	56.19 0.00 0.00	57.16 0.00 0.00	57.52 0.00 0.00	63.33 0.00 0.00	67.43 0.00 0.00	71.55 0.00 0.00	72.06 0.00 0.00	76.00 0.00 0.00	91.55 0.00 0.00	109.90 0.00 0.00	121.96 0.00 0.00	131.46 0.00 0.00	162.82 0.00 0.00	185.13 0.00 0.00	205.59 0.00 0.00	183.25 0.00 0.00	122.30 0.00 0.00	92.87 0.00 0.00	73.90 0.00 0.00	64.17 0.00 0.00
NYPA_BRENTWD____GT 24164	89.84 7.57 -13.40	87.34 7.27 -15.12	67.24 6.50 -0.02	62.42 5.93 -0.01	61.65 5.45 -0.01	63.00 5.83 -0.01	63.96 6.44 -0.01	75.92 7.28 -5.31	87.31 7.95 -11.93	89.52 8.65 -9.32	82.10 8.00 -2.04	109.04 8.96 -24.07	133.11 10.71 -30.86	168.31 13.62 -44.79	266.29 15.49 -128.84	293.33 17.74 -144.13	381.60 21.97 -196.81	448.96 24.06 -239.77	413.94 26.53 -181.81	343.50 22.72 -137.53	220.56 14.30 -83.96	140.04 10.03 -37.13	84.08 7.69 -2.49	73.88 6.87 -2.84



NYPA_GOWANUS____GT5 24156	74.31	70.28	65.28	60.89	60.13	61.04	62.01	68.01	72.62	77.69	92.87	86.79	122.02	143.52	153.02	196.81	217.91	286.16	280.63	215.95	150.69	107.99	79.81	69.31
	5.44	5.33	4.56	4.41	3.93	3.89	4.49	4.69	5.19	6.15	7.35	7.90	9.80	12.74	14.14	17.22	20.85	22.02	23.63	19.98	12.23	8.73	5.91	5.14
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.01	0.01	0.01	-13.45	-2.88	-20.67	-20.88	-16.92	-48.13	-34.24	-79.01	-51.40	-12.73	-16.17	-6.39	0.01	0.00
NYPA_GOWANUS____GT6 24157	74.31	70.28	65.28	60.89	60.13	61.04	62.01	68.01	72.62	77.69	92.87	86.79	122.02	143.52	153.02	196.81	217.91	286.16	280.63	215.95	150.69	107.99	79.81	69.31
	5.44	5.33	4.56	4.41	3.93	3.89	4.49	4.69	5.19	6.15	7.35	7.90	9.80	12.74	14.14	17.22	20.85	22.02	23.63	19.98	12.23	8.73	5.91	5.14
	-0.01	-0.01	0.00	0.00	-0.01	0.00	0.00	0.01	0.01	0.01	-13.45	-2.88	-20.67	-20.88	-16.92	-48.13	-34.24	-79.01	-51.40	-12.73	-16.17	-6.39	0.01	0.00
NYPA_HARLEM__RVR__GT1 24160	73.76	69.82	64.79	60.50	59.79	60.58	61.48	67.70	72.29	77.20	76.33	82.65	98.90	122.68	152.78	173.67	217.09	257.25	259.09	215.05	150.11	106.05	79.66	69.11
	4.89	4.87	4.07	4.01	3.60	3.43	3.97	4.37	4.86	5.65	6.63	7.07	9.07	12.41	13.90	16.83	20.02	21.10	22.82	19.06	11.62	8.36	5.77	4.94
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36	0.42	1.71	-0.37	-16.93	-25.37	-34.25	-51.02	-30.68	-12.74	-16.18	-4.82	0.01	0.00
NYPA_HARLEM__RVR__GT2 24161	73.76	69.82	64.79	60.50	59.79	60.58	61.48	67.70	72.29	77.20	76.33	82.65	98.90	122.68	152.78	173.67	217.09	257.25	259.09	215.05	150.11	106.05	79.66	69.11
	4.89	4.87	4.07	4.01	3.60	3.43	3.97	4.37	4.86	5.65	6.63	7.07	9.07	12.41	13.90	16.83	20.02	21.10	22.82	19.06	11.62	8.36	5.77	4.94
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36	0.42	1.71	-0.37	-16.93	-25.37	-34.25	-51.02	-30.68	-12.74	-16.18	-4.82	0.01	0.00
NYPA_KENT____GT 24152	74.10	70.08	65.16	60.78	60.02	61.04	61.95	68.10	72.70	77.71	35.85	88.19	41.24	69.58	153.02	123.78	217.58	196.31	214.03	215.59	150.46	101.95	79.67	69.18
	5.23	5.13	4.43	4.29	3.82	3.89	4.43	4.75	5.26	6.15	7.28	7.76	9.70	12.74	14.14	17.08	20.52	21.83	23.43	19.62	11.99	8.45	5.77	5.01
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	43.49	-4.44	60.00	53.06	-16.92	24.77	-34.25	10.66	15.00	-12.73	-16.17	-0.62	0.01	-0.01
NYPA_POUCH1____GT 24155	62.58	61.63	61.00	60.61	59.85	60.33	60.33	60.49	61.10	63.16	69.65	73.82	94.72	125.39	147.77	190.24	217.25	277.98	274.44	215.21	145.33	97.34	67.07	64.36
	5.02	4.93	4.25	4.12	3.65	3.54	4.14	4.37	4.86	5.79	6.99	7.53	9.34	12.20	13.54	16.56	20.19	21.10	22.82	19.24	11.74	8.26	5.55	4.82
	11.31	8.24	3.97	0.00	-0.01	0.37	1.33	7.21	11.19	14.18	9.40	9.71	6.17	-3.30	-12.28	-42.21	-34.24	-71.75	-46.03	-12.73	-11.29	3.79	12.37	4.62
NYPA_VERNON____GT2 24162	73.89	69.88	65.04	60.67	59.96	60.98	61.95	68.15	72.70	77.63	61.50	83.27	77.50	102.87	153.02	155.13	217.41	234.87	242.58	215.39	150.21	104.28	79.59	69.05
	5.02	4.93	4.31	4.18	3.77	3.83	4.43	4.81	5.26	6.08	7.21	7.60	9.52	12.63	14.14	17.08	20.35	21.83	23.43	19.42	11.74	8.26	5.69	4.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.77	0.33	23.57	19.66	-16.92	-6.58	-34.24	-27.90	-13.56	-12.73	-16.17	-3.15	0.01	0.00
NYPA_VERNON____GT3 24163	73.89	69.88	65.04	60.67	59.96	60.98	61.95	68.15	72.70	77.63	61.50	83.27	77.50	102.87	153.02	155.13	217.41	234.87	242.58	215.39	150.21	104.28	79.59	69.05
	5.02	4.93	4.31	4.18	3.77	3.83	4.43	4.81	5.26	6.08	7.21	7.60	9.52	12.63	14.14	17.08	20.35	21.83	23.43	19.42	11.74	8.26	5.69	4.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.77	0.33	23.57	19.66	-16.92	-6.58	-34.24	-27.90	-13.56	-12.73	-16.17	-3.15	0.01	0.00
NYPA____ASTORIA_CC1 323568	73.75	69.75	64.91	60.56	59.84	60.87	61.83	67.96	72.49	77.42	70.79	83.34	90.70	115.00	152.65	166.45	216.92	248.74	252.72	215.03	149.96	104.91	79.36	68.92
	4.89	4.81	4.19	4.07	3.65	3.71	4.32	4.62	5.06	5.87	6.99	7.37	9.24	12.41	13.78	16.83	19.86	21.47	23.02	19.06	11.49	7.99	5.47	4.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.26	0.03	10.09	7.31	-16.92	-18.16	-34.24	-42.15	-24.10	-12.73	-16.17	-4.05	0.01	0.00
NYPA____ASTORIA_CC2 323569	73.75	69.75	64.91	60.56	59.84	60.87	61.83	67.96	72.49	77.42	70.79	83.34	90.70	115.00	152.65	166.45	216.92	248.74	252.72	215.03	149.96	104.91	79.36	68.92
	4.89	4.81	4.19	4.07	3.65	3.71	4.32	4.62	5.06	5.87	6.99	7.37	9.24	12.41	13.78	16.83	19.86	21.47	23.02	19.06	11.49	7.99	5.47	4.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.26	0.03	10.09	7.31	-16.92	-18.16	-34.24	-42.15	-24.10	-12.73	-16.17	-4.05	0.01	0.00
NYPA____HOLTSVILL 23794	88.59	86.56	66.57	61.80	60.97	62.31	63.27	75.17	86.50	88.81	81.26	94.00	214.34	266.51	283.67	291.40	379.35	457.40	412.02	341.81	267.85	259.68	87.08	72.88
	6.82	6.49	5.83	5.31	4.77	5.15	5.75	6.52	7.14	7.94	7.49	8.36	10.52	13.29	14.87	16.97	21.01	22.76	25.07	21.43	13.82	9.94	7.25	6.35
	-12.91	-15.12	-0.02	-0.01	-0.01	-0.01	-0.01	-5.31	-11.93	-9.32	-1.70	-9.64	-112.27	-143.32	-146.84	-142.97	-195.52	-249.51	-181.35	-137.13	-131.73	-156.87	-5.93	-2.36
NYPA____HELLGATE_GT1 24158	73.76	69.82	64.79	60.50	59.79	60.58	61.48	67.70	72.29	77.20	76.33	82.65	98.90	122.68	152.78	173.67	217.09	257.25	259.09	215.05	150.11	106.05	79.66	69.11
	4.89	4.87	4.07	4.01	3.60	3.43	3.97	4.37	4.86	5.65	6.63	7.07	9.07	12.41	13.90	16.83	20.02	21.10	22.82	19.06	11.62	8.36	5.77	4.94
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36	0.42	1.71	-0.37	-16.93	-25.37	-34.25	-51.02	-30.68	-12.74	-16.18	-4.82	0.01	0.00
NYPA____HELLGATE_GT2 24159	73.76	69.82	64.79	60.50	59.79	60.58	61.48	67.70	72.29	77.20	76.33	82.65	98.90	122.68	152.78	173.67	217.09	257.25	259.09	215.05	150.11	106.05	79.66	69.11
	4.89	4.87	4.07	4.01	3.60	3.43	3.97	4.37	4.86	5.65	6.63	7.07	9.07	12.41	13.90	16.83	20.02	21.10	22.82	19.06	11.62	8.36	5.77	4.94
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36	0.42	1.71	-0.37	-16.93	-25.37	-34.25	-51.02	-30.68	-12.74	-16.18	-4.82	0.01	0.00
NYS_BARGE____HYD 23848	68.86	64.42	58.42	54.68	53.33	54.58	54.41	59.28	63.18	67.75	68.68	73.56	87.98	104.95	115.80	125.63	155.34	179.09	193.71	174.25	119.29	89.70	72.21	62.18
	0.00	-0.52	-2.31	-1.81	-2.86	-2.57	-3.11	-4.05	-4.25	-3.79	-3.39	-2.43	-3.57	-4.94	-7.68	-8.81	-11.23	-12.60	-15.21	-9.72	-4.65	-3.72	-1.70	-1.99
	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	-1.52	-2.97	-3.75	-6.56	-3.33	-0.72	-1.64	-0.55	0.00	0.00
OAK ORCHARD____HYD 24046	69.90	65.40	60.24	55.87	55.12	56.35	56.37	61.94	66.08	70.69	71.71	76.46	91.82	109.57	121.86	132.33	163.62	188.29	201.68	181.98	122.55	92.97	74.57	63.98
	1.03	0.46	-0.49	-0.62	-1.07	-0.80	-1.15	-1.39	-1.35	-0.86	-0.36	0.46	0.28	-0.33	-1.34	-1.57	-2.28	-2.21	-3.91	-1.27	0.25	0.09	0.66	-0.19
	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	-1.25	-2.44	-3.08	-5.38	0.00	0.00	0.00	0.00	0.00	0.00



OAKDALE___35_KV_LOAD 356122	69.90 1.03 0.00	65.79 0.84 0.00	61.15 0.43 0.00	56.82 0.34 0.00	56.30 0.11 0.00	57.44 0.29 0.00	57.80 0.29 0.00	63.71 0.38 0.00	67.90 0.47 0.00	72.26 0.72 0.00	73.22 1.15 0.00	77.60 1.60 0.00	93.38 1.83 0.00	112.20 2.31 0.00	127.15 1.95 -3.24	140.18 2.37 -6.35	173.76 2.93 -8.01	202.28 3.15 -14.01	217.73 4.11 -8.02	189.74 4.76 -1.72	129.91 3.67 -3.94	96.80 2.60 -1.32	75.60 1.70 0.00	65.00 0.83 0.00
OCC_CHEM___DRP 24175	67.28 -1.58 0.00	63.19 -1.75 0.00	58.36 -2.37 0.00	54.28 -2.20 0.00	53.33 -2.87 0.00	53.73 -3.43 0.00	53.60 -3.91 0.00	58.52 -4.81 0.00	62.31 -5.12 0.00	66.83 -4.72 0.00	67.67 -4.40 0.00	72.43 -3.57 0.00	86.60 -4.94 0.00	104.07 -5.82 0.00	114.24 -9.27 -1.56	124.65 -9.86 -3.05	153.31 -13.35 -3.85	176.49 -15.37 -6.72	190.72 -18.30 -3.42	171.89 -12.09 -0.74	117.50 -6.48 -1.68	88.70 -4.74 -0.56	71.02 -2.88 0.00	61.22 -2.95 0.00
OH_GEN_PROXY 24063	68.24 -0.62 0.00	63.84 -1.10 0.00	58.36 -2.37 0.00	54.22 -2.26 0.00	53.33 -2.86 0.00	54.58 -2.57 0.00	54.30 -3.22 0.00	59.28 -4.05 0.00	63.18 -4.25 0.00	67.75 -3.79 0.00	68.68 -3.39 0.00	73.56 -2.43 0.00	88.16 -3.39 0.00	105.17 -4.72 0.00	116.30 -7.20 -1.54	126.20 -8.28 -3.01	156.04 -10.58 -3.80	179.74 -12.03 -6.64	194.38 -14.59 -3.38	175.00 -8.98 -0.73	119.80 -4.16 -1.66	91.62 -3.53 -2.28	70.34 -1.84 1.72	61.92 -2.25 0.00
OLIN_CORP_DRP 24177	68.17 -0.69 0.00	63.97 -0.97 0.00	57.81 -2.91 0.00	53.72 -2.77 0.00	52.82 -3.37 0.00	54.47 -2.69 0.00	53.89 -3.62 0.00	58.65 -4.69 0.00	62.44 -4.99 0.00	67.04 -4.51 0.00	67.96 -4.11 0.00	72.73 -3.27 0.00	86.97 -4.58 0.00	104.51 -5.38 0.00	114.62 -8.90 -1.57	125.21 -9.33 -3.08	154.00 -12.70 -3.88	177.29 -14.63 -6.78	191.99 -17.06 -3.46	172.81 -11.18 -0.74	118.13 -5.87 -1.70	89.08 -4.36 -0.57	71.39 -2.51 0.00	61.60 -2.57 0.00
OLIN_CORP_DSASP 323712	67.55 -1.31 0.00	63.19 -1.75 0.00	58.36 -2.37 0.00	53.61 -2.88 0.00	53.33 -2.86 0.00	54.58 -2.57 0.00	53.60 -3.91 0.00	58.46 -4.88 0.00	62.30 -5.13 0.00	66.75 -4.79 0.00	67.67 -4.40 0.00	72.50 -3.49 0.00	86.78 -4.76 0.00	103.52 -6.38 0.00	114.13 -9.39 -1.56	123.87 -10.64 -3.05	153.15 -13.51 -3.85	176.49 -15.36 -6.72	190.51 -18.50 -3.42	171.88 -12.10 -0.74	117.49 -6.49 -1.68	88.42 -5.02 -0.56	71.02 -2.88 0.00	61.15 -3.01 0.00
ONEIDA_HERK_LFGE 323681	70.38 1.51 0.00	66.17 1.23 0.00	61.76 1.03 0.00	57.45 0.96 0.00	57.20 1.01 0.00	58.75 1.60 0.00	59.07 1.55 0.00	65.17 1.84 0.00	69.45 2.02 0.00	73.69 2.14 0.00	73.94 1.87 0.00	78.20 2.21 0.00	93.65 2.11 0.00	111.76 1.87 0.00	124.33 2.07 -0.30	129.88 2.37 3.96	167.00 3.42 -0.75	190.14 3.70 -1.31	210.74 5.14 0.00	188.20 4.95 0.00	125.60 3.30 0.00	96.03 3.16 0.00	76.42 2.51 0.00	65.77 1.60 0.00
ONEIDA___115KV_TB4 55905	71.34 2.48 0.00	67.02 2.08 0.00	62.49 1.76 0.00	58.01 1.53 0.00	57.65 1.46 0.00	58.98 1.83 0.00	59.30 1.78 0.00	65.49 2.15 0.00	69.79 2.36 0.00	74.19 2.65 0.00	74.66 2.59 0.00	79.12 3.12 0.00	94.29 2.75 0.00	112.97 3.08 0.00	125.95 3.41 -0.58	134.62 3.94 0.78	169.46 5.21 -1.43	193.74 6.11 -2.51	213.20 7.61 0.00	190.58 7.33 0.00	127.31 5.01 0.00	96.87 3.99 0.00	77.38 3.47 0.00	66.54 2.37 0.00
ONONDAGA_REF_OCCRA 23987	69.07 0.21 0.00	64.94 0.00 0.00	60.48 -0.24 0.00	56.15 -0.34 0.00	55.69 -0.51 0.00	56.81 -0.34 0.00	57.17 -0.35 0.00	63.14 -0.19 0.00	67.36 -0.07 0.00	71.69 0.14 0.00	72.50 0.43 0.00	76.76 0.76 0.00	92.37 0.82 0.00	111.00 1.10 0.00	123.92 0.85 -1.11	133.97 1.18 -1.32	166.87 1.30 -2.75	191.42 1.48 -4.80	207.24 1.64 0.00	185.45 2.20 0.00	124.01 1.71 0.00	94.17 1.30 0.00	74.72 0.81 0.00	64.36 0.19 0.00
ONONDAGA___COGEN 23986	68.86 0.00 0.00	64.68 -0.26 0.00	60.24 -0.49 0.00	55.92 -0.56 0.00	55.52 -0.67 0.00	56.53 -0.63 0.00	56.94 -0.58 0.00	62.89 -0.44 0.00	67.03 -0.40 0.00	71.33 -0.21 0.00	72.14 0.07 0.00	76.38 0.38 0.00	91.91 0.37 0.00	110.34 0.44 0.00	123.11 0.12 -1.04	133.07 0.39 -1.21	165.70 0.33 -2.56	189.97 0.37 -4.47	206.01 0.41 0.00	184.17 0.92 0.00	123.16 0.86 0.00	93.62 0.74 0.00	74.27 0.37 0.00	64.04 -0.13 0.00
ONTARIO___LFGE 23819	70.38 1.51 0.00	65.92 0.98 0.00	60.97 0.24 0.00	56.60 0.11 0.00	55.97 -0.22 0.00	57.27 0.11 0.00	57.57 0.06 0.00	63.65 0.32 0.00	67.84 0.41 0.00	72.19 0.64 0.00	73.07 1.01 0.00	77.67 1.67 0.00	93.01 1.46 0.00	111.00 1.10 0.00	123.79 0.37 -1.47	134.73 0.40 -2.87	167.43 0.98 -3.62	192.94 1.47 -6.33	210.87 2.06 -3.22	187.61 3.66 -0.69	127.19 3.30 -1.58	96.38 2.97 -0.53	76.20 2.29 0.00	65.26 1.09 0.00
ORANGEVILLE_WT_PWR 323706	69.28 0.42 0.00	64.94 0.00 0.00	59.51 -1.21 0.00	55.30 -1.19 0.00	54.39 -1.80 0.00	55.78 -1.37 0.00	55.73 -1.78 0.00	61.06 -2.28 0.00	65.07 -2.36 0.00	69.54 -2.00 0.00	70.33 -1.73 0.00	75.01 -0.99 0.00	89.99 -1.56 0.00	107.48 -2.42 0.00	119.20 -4.63 -1.87	130.01 -5.13 -3.67	161.26 -6.19 -4.63	186.38 -6.85 -8.10	202.60 -7.20 -4.21	181.59 -2.57 -0.90	124.37 0.00 -2.07	93.29 -0.28 -0.69	74.20 0.30 0.00	63.59 -0.58 0.00
ORANGEVILLE___ESR 323794	69.28 0.42 0.00	64.94 0.00 0.00	59.51 -1.21 0.00	55.30 -1.19 0.00	54.39 -1.80 0.00	55.78 -1.37 0.00	55.73 -1.78 0.00	61.06 -2.28 0.00	65.07 -2.36 0.00	69.54 -2.00 0.00	70.33 -1.73 0.00	75.01 -0.99 0.00	89.99 -1.56 0.00	107.48 -2.42 0.00	119.20 -4.63 -1.87	130.01 -5.13 -3.67	161.26 -6.19 -4.63	186.38 -6.85 -8.10	202.60 -7.20 -4.21	181.59 -2.57 -0.90	124.37 0.00 -2.07	93.29 -0.28 -0.69	74.20 0.30 0.00	63.59 -0.58 0.00
OSWEGATCHIE___HYD 24044	68.17 -0.69 0.00	64.10 -0.85 0.00	59.93 -0.79 0.00	55.92 -0.56 0.00	55.91 -0.28 0.00	57.16 0.00 0.00	57.57 0.06 0.00	63.40 0.06 0.00	67.50 0.07 0.00	71.40 -0.14 0.00	71.27 -0.79 0.00	74.02 -1.98 0.00	88.34 -3.21 0.00	104.40 -5.49 0.00	116.24 -5.97 -0.26	102.11 -6.84 22.52	155.49 -7.97 -0.64	177.37 -8.88 -1.12	197.16 -8.44 0.00	176.29 -6.96 0.00	117.65 -4.65 0.00	90.92 -1.95 0.00	73.46 -0.44 0.00	63.79 -0.38 0.00
OSWEGO___5 23606	67.76 -1.10 0.00	63.71 -1.24 0.00	59.39 -1.34 0.00	55.19 -1.30 0.00	54.79 -1.40 0.00	55.84 -1.31 0.00	56.13 -1.38 0.00	61.94 -1.39 0.00	65.95 -1.48 0.00	70.12 -1.43 0.00	70.84 -1.23 0.00	75.01 -0.99 0.00	90.27 -1.28 0.00	108.25 -1.65 0.00	120.61 -2.07 -0.73	130.65 -2.24 -1.42	162.00 -2.61 -1.79	185.29 -2.97 -3.13	202.10 -3.50 0.00	180.68 -2.57 0.00	120.84 -1.46 0.00	91.76 -1.11 0.00	72.94 -0.96 0.00	63.01 -1.15 0.00
OSWEGO___6 23613	67.76 -1.10 0.00	63.71 -1.24 0.00	59.39 -1.34 0.00	55.19 -1.30 0.00	54.79 -1.40 0.00	55.84 -1.31 0.00	56.13 -1.38 0.00	61.94 -1.39 0.00	65.95 -1.48 0.00	70.12 -1.43 0.00	70.84 -1.23 0.00	75.01 -0.99 0.00	90.27 -1.28 0.00	108.25 -1.65 0.00	120.61 -2.07 -0.73	130.65 -2.24 -1.42	162.00 -2.61 -1.79	185.29 -2.97 -3.13	202.10 -3.50 0.00	180.68 -2.57 0.00	120.84 -1.46 0.00	91.76 -1.11 0.00	72.94 -0.96 0.00	63.01 -1.15 0.00



OUTOKUMPU-AB___DRP 24206	68.72 -0.14 0.00	64.88 -0.06 0.00	59.39 -1.34 0.00	55.19 -1.30 0.00	54.22 -1.97 0.00	55.15 -2.00 0.00	54.98 -2.53 0.00	60.10 -3.23 0.00	64.06 -3.37 0.00	68.54 -3.00 0.00	69.33 -2.74 0.00	74.18 -1.82 0.00	88.80 -2.75 0.00	106.82 -3.08 0.00	117.20 -6.34 -1.59	128.13 -6.44 -3.11	157.62 -9.12 -3.92	181.43 -10.55 -6.85	196.76 -12.34 -3.50	176.67 -7.33 -0.75	120.72 -3.30 -1.72	91.03 -2.41 -0.58	72.79 -1.11 0.00	62.69 -1.48 0.00
OXBOW___BTM 323836	68.45 -0.41 0.00	64.17 -0.78 0.00	58.96 -1.76 0.00	54.45 -2.03 0.00	53.89 -2.31 0.00	55.15 -2.00 0.00	54.41 -3.11 0.00	59.41 -3.93 0.00	63.31 -4.12 0.00	67.82 -3.72 0.00	68.31 -3.75 0.00	73.19 -2.81 0.00	87.61 -3.93 0.00	104.73 -5.16 0.00	115.48 -8.05 -1.57	125.34 -9.21 -3.08	154.98 -11.73 -3.88	178.59 -13.33 -6.79	193.02 -16.04 -3.46	173.73 -10.26 -0.74	118.87 -5.13 -1.70	89.27 -4.18 -0.57	71.76 -2.15 0.00	62.11 -2.06 0.00
OXBOW___ 24026	67.83 -1.03 0.00	64.16 -0.78 0.00	58.96 -1.76 0.00	54.85 -1.64 0.00	53.89 -2.30 0.00	54.58 -2.57 0.00	54.41 -3.11 0.00	59.41 -3.93 0.00	63.32 -4.11 0.00	67.90 -3.65 0.00	68.32 -3.75 0.00	73.11 -2.89 0.00	87.52 -4.03 0.00	105.17 -4.73 0.00	115.48 -8.05 -1.57	126.13 -8.41 -3.08	155.14 -11.56 -3.88	178.59 -13.33 -6.79	193.22 -15.83 -3.46	173.73 -10.26 -0.74	118.74 -5.26 -1.70	89.64 -3.81 -0.57	71.76 -2.14 0.00	62.11 -2.05 0.00
OXY_CHEM_DSASP 323612	67.28 -1.58 0.00	63.19 -1.75 0.00	58.36 -2.37 0.00	54.28 -2.20 0.00	53.33 -2.87 0.00	53.73 -3.43 0.00	53.60 -3.91 0.00	58.52 -4.81 0.00	62.31 -5.12 0.00	66.83 -4.72 0.00	67.67 -4.40 0.00	72.43 -3.57 0.00	86.60 -4.94 0.00	104.07 -5.82 0.00	114.24 -9.27 -1.56	124.65 -9.86 -3.05	153.31 -13.35 -3.85	176.49 -15.37 -6.72	190.72 -18.30 -3.42	171.89 -12.09 -0.74	117.50 -6.48 -1.68	88.70 -4.74 -0.56	71.02 -2.88 0.00	61.22 -2.95 0.00
OZONE_PARK_ESR 323760	74.85 5.99 0.00	70.79 5.84 0.00	65.89 5.16 0.00	61.23 4.74 0.00	60.74 4.55 0.00	61.73 4.57 0.00	62.75 5.23 0.00	69.10 5.76 0.00	73.63 6.20 0.00	78.63 7.08 0.00	80.43 8.36 0.00	84.89 8.89 0.00	104.52 11.35 -1.62	127.60 14.29 -3.42	155.34 16.46 -16.92	179.13 19.59 -28.08	220.50 23.45 -34.24	265.02 25.55 -54.35	266.28 27.55 -33.14	219.44 23.46 -12.73	152.78 14.31 -16.17	107.85 9.94 -5.04	81.00 7.09 0.00	69.94 5.78 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	67.28 -1.58 0.00	63.19 -1.75 0.00	58.36 -2.37 0.00	54.28 -2.20 0.00	53.33 -2.87 0.00	53.73 -3.43 0.00	53.60 -3.91 0.00	58.52 -4.81 0.00	62.31 -5.12 0.00	66.83 -4.72 0.00	67.67 -4.40 0.00	72.43 -3.57 0.00	86.60 -4.94 0.00	104.07 -5.82 0.00	114.24 -9.27 -1.56	124.65 -9.86 -3.05	153.31 -13.35 -3.85	176.49 -15.37 -6.72	190.72 -18.30 -3.42	171.89 -12.09 -0.74	117.50 -6.48 -1.68	88.70 -4.74 -0.56	71.02 -2.88 0.00	61.22 -2.95 0.00
PACKARD__115KV_DUPONT_184 80571	67.28 -1.58 0.00	63.19 -1.75 0.00	58.36 -2.37 0.00	54.28 -2.20 0.00	53.33 -2.87 0.00	53.73 -3.43 0.00	53.60 -3.91 0.00	58.52 -4.81 0.00	62.31 -5.12 0.00	66.83 -4.72 0.00	67.67 -4.40 0.00	72.43 -3.57 0.00	86.60 -4.94 0.00	104.07 -5.82 0.00	114.24 -9.27 -1.56	124.65 -9.86 -3.05	153.31 -13.35 -3.85	176.49 -15.37 -6.72	190.72 -18.30 -3.42	171.89 -12.09 -0.74	117.50 -6.48 -1.68	88.70 -4.74 -0.56	71.02 -2.88 0.00	61.22 -2.95 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	73.97 5.10 -0.01	69.95 5.00 -0.01	64.92 4.19 0.00	60.55 4.07 0.00	60.29 4.10 0.00	60.81 3.66 0.00	61.77 4.26 0.00	68.08 4.75 0.00	72.49 5.06 0.00	77.56 6.01 2.42	76.70 7.06 0.42	82.72 7.14 1.81	99.07 9.34 -0.28	122.59 12.42 -16.93	153.03 14.15 -25.29	173.98 17.22 -25.29	217.42 20.35 -34.25	257.71 21.66 -50.92	259.43 23.23 -30.60	215.41 19.42 -12.74	150.35 11.86 -16.18	105.76 8.08 -4.81	79.51 5.62 0.01	69.11 4.94 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	75.21 6.34 -0.01	71.18 6.23 -0.01	66.01 5.28 0.00	61.57 5.08 0.00	61.30 5.11 0.00	61.78 4.63 0.00	62.69 5.18 0.00	69.03 5.70 0.00	73.50 6.07 0.00	78.56 7.01 2.42	77.78 8.14 0.42	83.93 8.36 1.81	100.54 10.80 -0.28	124.24 14.07 -16.93	154.86 15.98 -25.29	176.08 19.33 -25.29	219.86 22.79 -34.25	260.67 24.62 -50.92	262.93 26.73 -30.60	218.71 22.72 -12.74	152.42 13.94 -16.18	107.34 9.66 -4.81	80.84 6.95 0.01	70.20 6.03 0.00
PATROON__115KV_TB1 80586	70.79 1.93 0.00	66.83 1.88 0.00	62.61 1.88 0.00	58.18 1.69 0.00	57.76 1.57 0.00	58.81 1.66 0.00	59.24 1.73 0.00	65.23 1.90 0.00	69.45 2.02 0.00	73.55 2.00 0.00	74.66 2.59 0.00	78.96 2.96 0.00	96.82 3.84 -1.43	117.86 4.95 -3.02	146.06 5.61 -18.49	169.13 5.92 -31.75	209.32 7.49 -39.01	257.15 8.70 -63.32	289.65 9.25 -74.80	211.97 7.70 -21.03	163.84 4.89 -36.64	108.55 3.71 -11.97	76.12 2.22 0.00	65.90 1.73 0.00
PATTRSNVILLE___SOLAR 323815	72.44 3.58 0.00	68.25 3.31 0.00	63.76 3.04 0.00	59.14 2.66 0.00	58.66 2.47 0.00	59.96 2.80 0.00	60.22 2.70 0.00	66.19 2.85 0.00	70.26 2.83 0.00	74.34 2.79 0.00	75.10 3.03 0.00	79.42 3.42 0.00	99.52 4.30 -3.67	122.93 5.27 -7.76	156.39 5.97 -28.46	181.93 6.18 -44.28	223.82 7.82 -53.18	275.07 9.44 -80.50	336.30 11.51 -119.20	232.77 11.18 -38.34	188.19 7.59 -58.31	117.33 5.76 -18.70	78.04 4.14 0.00	67.25 3.08 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	68.59 -0.28 0.00	64.36 -0.58 0.00	58.72 -2.00 0.00	54.51 -1.98 0.00	53.66 -2.53 0.00	54.87 -2.29 0.00	54.93 -2.59 0.00	60.23 -3.10 0.00	64.33 -3.10 0.00	69.04 -2.50 0.00	70.05 -2.02 0.00	74.86 -1.14 0.00	89.81 -1.74 0.00	108.14 -1.76 0.00	118.57 -5.12 -1.73	129.99 -4.86 -3.39	160.59 -6.51 -4.28	184.65 -7.96 -7.48	202.25 -7.20 -3.85	180.78 -3.30 -0.83	123.46 -0.73 -1.89	92.76 -0.74 -0.64	73.53 -0.37 0.00	62.88 -1.28 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	74.10 5.23 0.00	69.81 4.87 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.96 3.76 0.00	61.10 3.94 0.00	61.83 4.31 0.00	68.21 4.88 0.00	72.89 5.46 0.00	77.56 6.01 0.00	79.35 7.28 0.00	83.98 7.98 0.00	103.19 10.16 -1.48	125.78 12.75 -3.13	153.05 14.63 -16.46	176.04 16.96 -27.62	217.25 20.68 -33.75	261.85 22.77 -53.95	263.21 25.08 -32.53	216.63 21.26 -12.13	151.51 13.33 -15.88	107.41 9.57 -4.97	80.55 6.65 0.00	69.37 5.20 0.00
PEEKSKILL___ 23653	73.20 4.34 0.00	69.16 4.22 0.00	64.49 3.77 0.00	59.93 3.45 0.00	59.28 3.09 0.00	60.53 3.37 0.00	61.31 3.80 0.00	67.58 4.24 0.00	72.15 4.72 0.00	76.84 5.29 0.00	78.19 6.12 0.00	82.84 6.84 0.00	101.92 8.79 -1.58	124.46 11.21 -3.34	151.54 12.92 -16.66	174.14 14.98 -27.69	214.99 18.39 -33.78	258.98 20.18 -53.67	260.27 22.01 -32.66	214.25 18.50 -12.50	149.73 11.49 -15.94	105.83 7.99 -4.97	79.37 5.47 0.00	68.47 4.30 0.00
PGE MADISON___WINDPWR 24146	75.33 6.47 0.00	70.53 5.59 0.00	65.52 4.80 0.00	60.78 4.29 0.00	60.18 3.99 0.00	62.07 4.92 0.00	62.23 4.72 0.00	68.97 5.63 0.00	73.43 6.00 0.00	77.99 6.44 0.00	78.04 5.98 0.00	83.14 7.14 0.00	99.51 7.96 0.00	119.23 9.34 0.00	135.35 10.25 -3.14	149.19 11.57 -6.15	186.22 15.63 -7.76	217.39 18.69 -13.57	239.30 24.04 -9.66	208.23 22.90 -2.08	142.83 15.78 -4.74	106.53 12.07 -1.59	82.55 8.64 0.00	70.33 6.16 0.00



PIERCEFIELD___HYD 23852	67.21 -1.65 0.00	63.32 -1.62 0.00	59.39 -1.34 0.00	55.41 -1.07 0.00	55.40 -0.79 0.00	56.30 -0.86 0.00	56.59 -0.92 0.00	62.32 -1.01 0.00	66.28 -1.15 0.00	70.12 -1.43 0.00	69.69 -2.38 0.00	71.21 -4.79 0.00	84.86 -6.68 0.00	100.88 -9.01 0.00	112.20 -9.76 0.00	85.76 -11.70 34.00	148.82 -14.00 0.00	169.95 -15.18 0.00	189.35 -16.24 0.00	168.96 -14.29 0.00	112.76 -9.54 0.00	86.65 -6.22 0.00	71.17 -2.73 0.00	62.50 -1.67 0.00
PINELAWN_CC_1 323563	90.98 6.27 -15.86	86.76 6.69 -15.13	66.70 5.95 -0.02	61.92 5.42 -0.01	61.20 5.00 -0.01	62.53 5.37 -0.01	63.45 5.93 -0.01	75.23 6.59 -5.31	86.58 7.22 -11.93	88.09 7.22 -9.32	82.95 6.99 -3.90	95.56 7.76 -11.81	117.62 9.80 -16.27	152.72 12.52 -30.30	268.69 14.38 -132.35	297.74 16.70 -149.58	386.14 20.68 -202.64	451.14 22.76 -243.25	413.64 24.87 -183.17	343.24 21.25 -138.74	211.09 13.21 -75.58	117.17 9.20 -15.10	83.90 6.87 -3.12	73.92 5.84 -3.91
PJM_GEN_HTP_PROXY 323702	73.75 4.89 0.00	69.82 4.87 0.00	65.04 4.31 0.00	60.44 3.95 0.00	59.73 3.54 0.00	61.04 3.89 0.00	61.94 4.43 0.00	68.28 4.94 0.00	72.83 5.40 0.00	77.70 6.15 0.00	79.13 7.07 0.00	83.83 7.83 0.00	103.06 9.89 -1.62	126.06 12.74 -3.42	153.50 14.63 -16.91	176.62 17.08 -28.08	217.90 20.85 -34.23	261.86 22.39 -54.34	262.98 24.25 -33.14	216.32 20.34 -12.73	150.70 12.23 -16.17	108.17 8.54 -6.76	78.17 5.98 1.72	68.98 4.82 0.00
PJM_GEN_KEystone 24065	69.72 1.65 0.79	65.86 1.49 0.58	61.18 0.73 0.28	57.11 0.62 0.00	56.36 0.17 0.00	57.70 0.57 0.03	58.06 0.63 0.09	63.46 0.63 0.50	67.46 0.81 0.78	71.84 1.29 0.99	73.88 1.87 0.05	78.06 2.66 0.60	96.09 3.39 -1.15	116.74 4.28 -2.56	135.56 4.15 -9.45	154.66 4.99 -18.20	189.55 6.52 -20.21	226.32 6.65 -34.54	234.17 7.61 -20.96	198.05 7.70 -7.10	137.04 5.26 -9.49	104.48 3.44 -8.17	69.50 2.22 6.62	65.13 1.28 0.32
PJM_GEN_NEPTUNE_PROXY 323594	85.50 5.58 -11.06	85.52 5.46 -15.12	65.60 4.86 -0.02	61.01 4.52 -0.01	60.30 4.10 -0.01	61.62 4.46 -0.01	62.41 4.89 -0.01	74.09 5.45 -5.31	85.29 5.94 -11.93	87.38 6.51 -9.32	79.47 6.99 -0.42	84.64 7.67 -0.96	103.79 9.70 -2.54	136.21 12.31 -14.01	259.91 14.14 -123.81	285.49 16.30 -137.73	372.51 20.19 -189.50	437.23 22.02 -230.08	408.41 24.25 -178.57	338.42 20.52 -134.66	204.72 12.72 -69.70	107.94 8.92 -6.15	78.93 6.51 1.48	69.89 5.39 -0.34
PJM_GEN_VFT_PROXY 323633	61.96 4.41 11.32	61.17 4.48 8.25	60.69 3.94 3.98	60.15 3.67 0.01	59.45 3.26 0.00	60.32 3.54 0.38	60.26 4.08 1.34	60.69 4.56 7.21	61.17 4.92 11.18	63.02 5.65 14.18	62.90 6.63 15.79	71.07 7.22 12.15	85.57 9.24 15.22	116.88 11.98 4.99	148.02 13.78 -12.29	183.00 16.30 -35.23	216.75 19.69 -34.24	269.56 21.28 -63.15	268.07 22.82 -39.66	215.02 19.06 -12.72	144.96 11.38 -11.28	98.09 7.80 2.58	65.27 5.47 14.10	63.90 4.37 4.63
PLATSBURG_115KV_PMLD1 355749	66.59 -2.27 0.00	62.28 -2.66 0.00	58.48 -2.25 0.00	55.07 -1.41 0.00	55.12 -1.07 0.00	55.95 -1.20 0.00	55.90 -1.61 0.00	61.62 -1.71 0.00	65.61 -1.82 0.00	69.40 -2.15 0.00	69.25 -2.81 0.00	72.43 -3.57 0.00	86.79 -4.76 0.00	103.74 -6.15 0.00	115.01 -6.95 0.00	123.45 -8.02 0.00	152.89 -9.93 0.00	174.39 -10.74 0.00	193.88 -11.72 0.00	172.80 -10.45 0.00	115.21 -7.09 0.00	87.67 -5.20 0.00	70.87 -3.03 0.00	62.18 -1.99 0.00
PLEASANTVLY___LBMP 24000	72.58 3.72 0.00	68.64 3.70 0.00	64.07 3.34 0.00	59.54 3.05 0.00	59.11 2.92 0.00	60.13 2.97 0.00	60.91 3.39 0.00	67.07 3.74 0.00	71.48 4.05 0.00	76.05 4.51 0.00	77.54 5.48 0.00	81.93 5.93 0.00	100.91 7.51 -1.86	123.38 9.56 -3.93	151.40 11.10 -18.34	174.47 12.88 -30.13	214.93 15.47 -36.65	259.91 17.03 -57.74	259.95 18.50 -35.85	212.97 15.58 -14.14	149.57 9.78 -17.49	105.17 6.87 -5.42	78.56 4.66 0.00	67.89 3.72 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	73.48 4.61 0.00	69.42 4.48 0.00	64.73 4.01 0.00	60.16 3.67 0.00	59.68 3.48 0.00	60.76 3.60 0.00	61.60 4.08 0.00	67.83 4.50 0.00	72.35 4.92 0.00	77.13 5.58 0.00	78.77 6.70 0.00	83.22 7.22 0.00	102.43 9.25 -1.63	125.11 11.76 -3.46	152.55 13.54 -17.06	175.68 15.91 -28.31	216.55 19.21 -34.51	260.83 20.92 -54.78	261.62 22.62 -33.41	215.15 19.06 -12.85	150.59 11.99 -16.30	106.22 8.27 -5.08	79.52 5.62 0.00	68.72 4.56 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	73.48 4.61 0.00	69.42 4.48 0.00	64.73 4.01 0.00	60.16 3.67 0.00	59.68 3.48 0.00	60.76 3.60 0.00	61.60 4.08 0.00	67.83 4.50 0.00	72.35 4.92 0.00	77.13 5.58 0.00	78.77 6.70 0.00	83.22 7.22 0.00	102.43 9.25 -1.63	125.11 11.76 -3.46	152.55 13.54 -17.06	175.68 15.91 -28.31	216.55 19.21 -34.51	260.83 20.92 -54.78	261.62 22.62 -33.41	215.15 19.06 -12.85	150.59 11.99 -16.30	106.22 8.27 -5.08	79.52 5.62 0.00	68.72 4.56 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	73.34 4.48 0.00	69.16 4.22 0.00	64.55 3.83 0.00	59.93 3.45 0.00	59.45 3.26 0.00	60.58 3.43 0.00	61.31 3.80 0.00	67.58 4.24 0.00	72.08 4.65 0.00	76.70 5.15 0.00	78.34 6.27 0.00	82.84 6.84 0.00	101.87 8.79 -1.54	124.13 10.99 -3.25	151.33 12.56 -16.81	174.05 14.46 -28.12	214.92 17.75 -34.35	259.74 19.81 -54.80	260.89 21.59 -33.70	213.96 18.14 -12.57	150.37 11.62 -16.45	106.29 8.27 -5.15	79.59 5.69 0.00	68.60 4.43 0.00
POLETTI_____ 23519	73.75 4.89 0.00	69.75 4.81 0.00	65.04 4.31 0.00	60.44 3.95 0.00	60.01 3.82 0.00	60.98 3.83 0.00	62.00 4.49 0.00	68.21 4.88 0.00	72.69 5.26 0.00	77.63 6.08 0.00	79.35 7.28 0.00	83.68 7.68 0.00	102.96 9.80 -1.62	125.74 12.42 -3.42	153.26 14.39 -16.92	176.77 17.22 -28.08	217.57 20.52 -34.24	261.69 22.22 -54.35	262.58 23.85 -33.14	216.14 20.16 -12.73	150.58 12.11 -16.17	106.18 8.27 -5.04	79.67 5.76 0.00	68.92 4.75 0.00
POMONA___ESR 323819	73.06 4.20 0.00	69.04 4.09 0.00	64.37 3.64 0.00	59.76 3.27 0.00	59.11 2.92 0.00	60.41 3.26 0.00	61.20 3.68 0.00	67.45 4.11 0.00	72.02 4.59 0.00	76.70 5.15 0.00	78.12 6.05 0.00	82.84 6.84 0.00	101.83 8.79 -1.49	124.26 11.21 -3.15	150.82 12.80 -16.06	173.13 14.85 -26.81	213.95 18.39 -32.73	257.28 20.00 -52.15	258.91 21.78 -31.53	213.69 18.50 -11.94	149.18 11.49 -15.39	105.67 7.99 -4.81	79.30 5.39 0.00	68.40 4.23 0.00
PORT_JEFF_3 23555	88.83 7.03 -12.94	86.75 6.69 -15.12	66.70 5.95 -0.02	61.92 5.42 -0.01	61.15 4.95 -0.01	62.48 5.32 -0.01	63.45 5.93 -0.01	75.35 6.71 -5.31	86.78 7.42 -11.93	89.02 8.15 -9.32	81.36 7.56 -1.73	93.91 8.29 -9.63	218.77 10.34 -116.88	271.76 13.07 -148.79	287.62 14.75 -150.91	291.33 16.83 -143.03	379.26 20.85 -195.59	467.18 22.58 -259.48	411.84 24.87 -181.37	341.64 21.25 -137.15	270.23 13.57 -134.36	265.95 9.66 -163.42	87.07 7.02 -6.14	73.05 6.48 -2.40
PORT_JEFF_4 23616	88.83 7.03 -12.94	86.75 6.69 -15.12	66.70 5.95 -0.02	61.92 5.42 -0.01	61.15 4.95 -0.01	62.48 5.32 -0.01	63.45 5.93 -0.01	75.35 6.71 -5.31	86.78 7.42 -11.93	89.02 8.15 -9.32	81.36 7.56 -1.73	93.91 8.29 -9.63	218.77 10.34 -116.88	271.76 13.07 -148.79	287.62 14.75 -150.91	291.33 16.83 -143.03	379.26 20.85 -195.59	467.18 22.58 -259.48	411.84 24.87 -181.37	341.64 21.25 -137.15	270.23 13.57 -134.36	265.95 9.66 -163.42	87.07 7.02 -6.14	73.05 6.48 -2.40



PORT_JEFF_IC 23713	89.11 7.23 -13.02	86.95 6.88 -15.12	66.88 6.13 -0.02	62.02 5.54 0.00	61.53 5.34 0.00	62.53 5.37 0.00	63.61 6.10 0.00	75.48 6.84 -5.31	86.91 7.55 -11.93	89.24 8.37 -9.32	82.07 8.22 -1.79	93.85 8.51 -9.34	236.12 10.62 -133.95	292.25 13.30 -169.06	302.07 15.00 -165.11	292.05 17.35 -143.23	379.79 21.17 -195.80	485.42 23.14 -277.15	412.33 25.29 -181.45	342.27 21.81 -137.21	280.23 13.82 -144.11	290.44 9.84 -187.72	87.87 7.02 -6.94	73.43 6.74 -2.53
PPL PILGRIM_ST_GT1 24216	89.84 7.57 -13.40	87.34 7.27 -15.12	67.24 6.50 -0.02	62.42 5.93 -0.01	61.65 5.45 -0.01	63.00 5.83 -0.01	63.96 6.44 -0.01	75.92 7.28 -5.31	87.31 7.95 -11.93	89.52 8.65 -9.32	82.10 8.00 -2.04	109.04 8.96 -24.07	133.11 10.71 -30.86	168.31 13.62 -44.79	266.29 15.49 -128.84	293.33 17.74 -144.13	381.60 21.97 -196.81	448.96 24.06 -239.77	413.94 26.53 -181.81	343.50 22.72 -137.53	220.56 14.30 -83.96	140.04 10.03 -37.13	84.08 7.69 -2.49	73.88 6.87 -2.84
PPL PILGRIM_ST_GT2 24217	89.84 7.57 -13.40	87.34 7.27 -15.12	67.24 6.50 -0.02	62.42 5.93 -0.01	61.65 5.45 -0.01	63.00 5.83 -0.01	63.96 6.44 -0.01	75.92 7.28 -5.31	87.31 7.95 -11.93	89.52 8.65 -9.32	82.10 8.00 -2.04	109.04 8.96 -24.07	133.11 10.71 -30.86	168.31 13.62 -44.79	266.29 15.49 -128.84	293.33 17.74 -144.13	381.60 21.97 -196.81	448.96 24.06 -239.77	413.94 26.53 -181.81	343.50 22.72 -137.53	220.56 14.30 -83.96	140.04 10.03 -37.13	84.08 7.69 -2.49	73.88 6.87 -2.84
PPL_SHRM_GT3 24213	88.66 6.82 -12.98	86.49 6.43 -15.12	66.39 5.65 -0.02	61.58 5.09 -0.01	60.75 4.55 -0.01	62.08 4.92 -0.01	63.10 5.58 -0.01	75.11 6.46 -5.31	86.44 7.08 -11.93	88.88 8.01 -9.32	81.61 7.79 -1.76	94.45 8.74 -9.71	222.20 11.35 -119.30	276.61 15.06 -151.65	292.47 16.84 -153.68	292.08 17.49 -143.13	380.00 21.49 -195.69	471.98 23.70 -263.15	413.12 26.11 -181.41	342.96 22.53 -137.18	274.04 16.02 -135.72	271.37 11.70 -166.80	88.52 8.35 -6.27	73.16 6.55 -2.45
PPL_SHRM_GT4 24214	88.66 6.82 -12.98	86.49 6.43 -15.12	66.39 5.65 -0.02	61.58 5.09 -0.01	60.75 4.55 -0.01	62.08 4.92 -0.01	63.10 5.58 -0.01	75.11 6.46 -5.31	86.44 7.08 -11.93	88.88 8.01 -9.32	81.61 7.79 -1.76	94.45 8.74 -9.71	222.20 11.35 -119.30	276.61 15.06 -151.65	292.47 16.84 -153.68	292.08 17.49 -143.13	380.00 21.49 -195.69	471.98 23.70 -263.15	413.12 26.11 -181.41	342.96 22.53 -137.18	274.04 16.02 -135.72	271.37 11.70 -166.80	88.52 8.35 -6.27	73.16 6.55 -2.45
PROJECT___ORANGE 1 24174	68.86 0.00 0.00	64.75 -0.19 0.00	60.30 -0.43 0.00	55.98 -0.51 0.00	55.57 -0.62 0.00	56.64 -0.51 0.00	57.05 -0.46 0.00	62.95 -0.38 0.00	67.16 -0.27 0.00	71.48 -0.07 0.00	72.35 0.29 0.00	76.68 0.68 0.00	92.28 0.73 0.00	110.78 0.88 0.00	123.48 0.61 -0.91	133.21 0.92 -0.83	166.05 0.98 -2.25	189.99 0.93 -3.93	206.42 0.82 0.00	184.72 1.47 0.00	123.52 1.22 0.00	93.80 0.93 0.00	74.42 0.52 0.00	64.17 0.00 0.00
PROJECT___ORANGE 2 24166	68.86 0.00 0.00	64.75 -0.19 0.00	60.30 -0.43 0.00	55.98 -0.51 0.00	55.57 -0.62 0.00	56.64 -0.51 0.00	57.05 -0.46 0.00	62.95 -0.38 0.00	67.16 -0.27 0.00	71.48 -0.07 0.00	72.35 0.29 0.00	76.68 0.68 0.00	92.28 0.73 0.00	110.78 0.88 0.00	123.48 0.61 -0.91	133.21 0.92 -0.83	166.05 0.98 -2.25	189.99 0.93 -3.93	206.42 0.82 0.00	184.72 1.47 0.00	123.52 1.22 0.00	93.80 0.93 0.00	74.42 0.52 0.00	64.17 0.00 0.00
PUCKETT___SOLAR 323809	71.20 2.34 0.00	66.89 1.95 0.00	62.24 1.52 0.00	57.79 1.30 0.00	57.20 1.01 0.00	58.58 1.43 0.00	58.89 1.38 0.00	64.92 1.58 0.00	69.05 1.62 0.00	73.34 1.79 0.00	74.01 1.95 0.00	78.50 2.50 0.00	94.48 2.93 0.00	113.31 3.41 0.00	128.72 3.41 -3.35	141.97 3.94 -6.57	176.64 5.54 -8.28	206.08 6.48 -14.48	223.28 8.63 -9.05	194.17 8.98 -1.94	133.22 6.48 -4.44	99.19 4.83 -1.49	77.23 3.33 0.00	66.28 2.11 0.00
PYRITES___HYD 24023	68.66 -0.21 0.00	64.68 -0.26 0.00	60.60 -0.12 0.00	56.49 0.00 0.00	56.47 0.28 0.00	57.50 0.34 0.00	57.69 0.17 0.00	63.46 0.13 0.00	67.43 0.00 0.00	71.26 -0.29 0.00	70.55 -1.51 0.00	72.35 -3.65 0.00	86.24 -5.31 0.00	102.64 -7.25 0.00	114.15 -7.81 0.00	85.77 -9.60 36.09	151.59 -11.23 0.00	173.65 -11.48 0.00	194.29 -11.31 0.00	173.90 -9.35 0.00	116.18 -6.12 0.00	89.16 -3.71 0.00	72.94 -0.96 0.00	63.91 -0.26 0.00
QUAKERRD_115KV_BK1 80622	68.24 -0.62 0.00	64.03 -0.91 0.00	59.09 -1.64 0.00	54.85 -1.64 0.00	54.17 -2.02 0.00	55.21 -1.94 0.00	55.39 -2.13 0.00	60.99 -2.34 0.00	65.07 -2.36 0.00	69.54 -2.00 0.00	70.48 -1.59 0.00	75.01 -0.99 0.00	90.08 -1.46 0.00	108.03 -1.87 0.00	120.11 -3.05 -1.20	130.66 -3.16 -2.35	161.39 -4.40 -2.96	185.50 -4.81 -5.18	199.02 -6.58 0.00	179.03 -4.21 0.00	120.34 -1.96 0.00	91.39 -1.49 0.00	73.09 -0.81 0.00	62.76 -1.41 0.00
QUENSBRY_115KV_TB8 356137	74.30 5.44 0.00	69.94 5.00 0.00	65.10 4.37 0.00	60.10 3.62 0.00	59.68 3.48 0.00	61.04 3.89 0.00	61.37 3.85 0.00	67.77 4.43 0.00	72.28 4.85 0.00	76.56 5.01 0.00	77.05 4.97 -0.01	81.78 5.78 0.00	104.77 6.87 -6.35	131.46 8.13 -13.43	170.14 8.90 -39.28	197.51 8.94 -57.10	242.26 12.05 -67.39	295.62 14.25 -96.24	357.85 17.68 -134.58	250.68 16.49 -50.94	199.37 11.37 -65.69	122.12 8.73 -20.52	79.89 5.99 0.00	68.60 4.43 0.00
RAMAPO___LBMP 323565	72.72 3.86 0.00	68.77 3.83 0.00	64.07 3.34 0.00	59.54 3.05 0.00	59.11 2.92 0.00	60.13 2.97 0.00	61.02 3.51 0.00	67.20 3.86 0.00	71.68 4.25 0.00	76.34 4.79 0.00	77.90 5.84 0.00	82.38 6.38 0.00	101.16 8.15 -1.46	123.31 10.33 -3.09	149.78 11.95 -15.87	172.19 14.20 -26.52	212.47 17.26 -32.39	255.48 18.70 -51.66	257.11 20.35 -31.16	212.23 17.23 -11.76	148.27 10.76 -15.21	105.06 7.43 -4.75	78.85 4.95 0.00	68.08 3.91 0.00
RANKINE___ 23646	69.28 0.41 0.00	65.01 0.06 0.00	59.39 -1.34 0.00	55.13 -1.36 0.00	54.22 -1.97 0.00	55.44 -1.71 0.00	55.39 -2.13 0.00	60.67 -2.66 0.00	64.73 -2.70 0.00	69.47 -2.07 0.00	70.41 -1.66 0.00	75.24 -0.76 0.00	90.17 -1.37 0.00	108.58 -1.32 0.00	119.26 -4.39 -1.69	130.57 -4.21 -3.31	160.98 -6.02 -4.18	185.22 -7.22 -7.31	201.54 -7.81 -3.75	180.57 -3.48 -0.81	123.41 -0.73 -1.84	92.84 -0.65 -0.62	73.90 0.00 0.00	63.40 -0.77 0.00
RAVENSWOOD_GT2_1 24244	73.82 4.96 0.00	69.81 4.87 0.00	65.04 4.31 0.00	60.50 4.01 0.00	60.07 3.88 0.00	60.98 3.83 0.00	62.00 4.49 0.00	68.21 4.88 0.00	72.76 5.33 0.00	77.63 6.08 0.00	79.35 7.28 0.00	83.68 7.68 0.00	102.87 9.70 -1.62	125.74 12.42 -3.42	153.14 14.27 -16.92	176.64 17.09 -28.08	217.41 20.35 -34.24	261.51 22.03 -54.35	262.38 23.64 -33.14	215.96 19.97 -12.73	150.58 12.11 -16.17	106.18 8.27 -5.04	79.74 5.84 0.00	68.98 4.81 0.00
RAVENSWOOD_GT2_2 24245	73.82 4.96 0.00	69.81 4.87 0.00	65.04 4.31 0.00	60.50 4.01 0.00	60.07 3.88 0.00	60.98 3.83 0.00	62.00 4.49 0.00	68.21 4.88 0.00	72.76 5.33 0.00	77.63 6.08 0.00	79.35 7.28 0.00	83.68 7.68 0.00	102.87 9.70 -1.62	125.74 12.42 -3.42	153.14 14.27 -16.92	176.64 17.09 -28.08	217.41 20.35 -34.24	261.51 22.03 -54.35	262.38 23.64 -33.14	215.96 19.97 -12.73	150.58 12.11 -16.17	106.18 8.27 -5.04	79.74 5.84 0.00	68.98 4.81 0.00



RAVENSWOOD_GT2_3 24246	73.82 4.96 0.00	69.88 4.94 0.00	65.10 4.37 0.00	60.55 4.07 0.00	60.07 3.88 0.00	61.04 3.89 0.00	62.06 4.54 0.00	68.27 4.94 0.00	72.82 5.39 0.00	77.70 6.15 0.00	79.42 7.35 0.00	83.75 7.75 0.00	102.96 9.80 -1.62	125.85 12.53 -3.42	153.27 14.39 -16.92	176.77 17.22 -28.08	217.58 20.52 -34.24	261.70 22.22 -54.35	262.59 23.85 -33.14	216.14 20.16 -12.73	150.70 12.23 -16.17	106.27 8.36 -5.04	79.82 5.91 0.00	69.04 4.88 0.00
RAVENSWOOD_GT2_4 24247	73.82 4.96 0.00	69.88 4.94 0.00	65.10 4.37 0.00	60.55 4.07 0.00	60.07 3.88 0.00	61.04 3.89 0.00	62.06 4.54 0.00	68.27 4.94 0.00	72.82 5.39 0.00	77.70 6.15 0.00	79.42 7.35 0.00	83.75 7.75 0.00	102.96 9.80 -1.62	125.85 12.53 -3.42	153.27 14.39 -16.92	176.77 17.22 -28.08	217.58 20.52 -34.24	261.70 22.22 -54.35	262.59 23.85 -33.14	216.14 20.16 -12.73	150.70 12.23 -16.17	106.27 8.36 -5.04	79.82 5.91 0.00	69.04 4.88 0.00
RAVENSWOOD_GT3_1 24248	73.82 4.96 0.00	69.81 4.87 0.00	65.10 4.37 0.00	60.50 4.01 0.00	60.07 3.88 0.00	61.04 3.89 0.00	62.00 4.49 0.00	68.27 4.94 0.00	72.76 5.33 0.00	77.63 6.08 0.00	79.35 7.28 0.00	83.68 7.68 0.00	102.96 9.80 -1.62	125.74 12.42 -3.42	153.14 14.27 -16.92	176.64 17.09 -28.08	217.41 20.35 -34.24	261.51 22.03 -54.35	262.38 23.64 -33.14	215.96 19.97 -12.73	150.58 12.11 -16.17	106.18 8.27 -5.04	79.74 5.84 0.00	68.98 4.81 0.00
RAVENSWOOD_GT3_2 24249	73.82 4.96 0.00	69.81 4.87 0.00	65.10 4.37 0.00	60.50 4.01 0.00	60.07 3.88 0.00	61.04 3.89 0.00	62.00 4.49 0.00	68.27 4.94 0.00	72.76 5.33 0.00	77.63 6.08 0.00	79.35 7.28 0.00	83.68 7.68 0.00	102.96 9.80 -1.62	125.74 12.42 -3.42	153.14 14.27 -16.92	176.64 17.09 -28.08	217.41 20.35 -34.24	261.51 22.03 -54.35	262.38 23.64 -33.14	215.96 19.97 -12.73	150.58 12.11 -16.17	106.18 8.27 -5.04	79.74 5.84 0.00	68.98 4.81 0.00
RAVENSWOOD_GT3_3 24250	73.96 5.10 0.00	69.94 5.00 0.00	65.22 4.49 0.00	60.61 4.12 0.00	60.18 3.99 0.00	61.16 4.00 0.00	62.12 4.60 0.00	68.40 5.07 0.00	72.89 5.46 0.00	77.84 6.30 0.00	79.56 7.49 0.00	83.90 7.90 0.00	103.14 9.98 -1.62	126.07 12.75 -3.42	153.51 14.63 -16.92	177.03 17.48 -28.08	217.90 20.84 -34.24	262.07 22.59 -54.35	263.00 24.26 -33.14	216.51 20.52 -12.73	150.95 12.47 -16.17	106.46 8.54 -5.04	79.89 5.99 0.00	69.11 4.94 0.00
RAVENSWOOD_GT3_4 24251	73.96 5.10 0.00	69.94 5.00 0.00	65.22 4.49 0.00	60.61 4.12 0.00	60.18 3.99 0.00	61.16 4.00 0.00	62.12 4.60 0.00	68.40 5.07 0.00	72.89 5.46 0.00	77.84 6.30 0.00	79.56 7.49 0.00	83.90 7.90 0.00	103.14 9.98 -1.62	126.07 12.75 -3.42	153.51 14.63 -16.92	177.03 17.48 -28.08	217.90 20.84 -34.24	262.07 22.59 -54.35	263.00 24.26 -33.14	216.51 20.52 -12.73	150.95 12.47 -16.17	106.46 8.54 -5.04	79.89 5.99 0.00	69.11 4.94 0.00
RAVENSWOOD_GT_1 23729	73.89 5.03 0.00	69.88 4.94 0.00	65.10 4.37 0.00	60.67 4.18 0.00	60.29 4.10 0.00	61.04 3.89 0.00	62.06 4.54 0.00	68.28 4.94 0.00	72.83 5.39 0.00	77.85 6.30 0.00	61.78 7.49 17.77	83.34 7.68 0.33	77.78 9.80 23.57	102.65 12.42 19.66	153.02 14.15 -16.92	155.26 17.22 -6.58	217.25 20.19 -34.24	234.88 21.85 -27.90	242.59 23.44 -13.56	215.40 19.42 -12.73	150.21 11.74 -16.17	104.01 7.99 -3.15	79.51 5.62 0.01	69.05 4.88 0.00
RAVENSWOOD_GT_10 24258	73.82 4.96 0.00	69.81 4.87 0.00	65.10 4.37 0.00	60.50 4.01 0.00	60.07 3.88 0.00	61.04 3.89 0.00	62.00 4.49 0.00	68.28 4.94 0.00	72.76 5.33 0.00	77.63 6.08 0.00	76.61 7.28 2.74	83.59 7.68 0.08	99.08 9.80 2.26	122.18 12.42 0.14	153.27 14.39 -16.92	173.37 17.09 -24.81	217.41 20.35 -34.24	257.49 22.03 -50.33	259.61 23.85 -30.16	215.96 19.97 -12.73	150.58 12.11 -16.17	105.99 8.36 -4.76	79.74 5.84 0.00	68.98 4.81 0.00
RAVENSWOOD_GT_11 24259	73.82 4.96 0.00	69.81 4.87 0.00	65.10 4.37 0.00	60.50 4.01 0.00	60.07 3.88 0.00	61.04 3.89 0.00	62.00 4.49 0.00	68.28 4.94 0.00	72.76 5.33 0.00	77.63 6.08 0.00	76.61 7.28 2.74	83.59 7.68 0.08	99.08 9.80 2.26	122.18 12.42 0.14	153.27 14.39 -16.92	173.37 17.09 -24.81	217.41 20.35 -34.24	257.49 22.03 -50.33	259.61 23.85 -30.16	215.96 19.97 -12.73	150.58 12.11 -16.17	105.99 8.36 -4.76	79.74 5.84 0.00	68.98 4.81 0.00
RAVENSWOOD_GT_4 24252	73.82 4.96 0.00	69.81 4.87 0.00	65.10 4.37 0.00	60.50 4.01 0.00	60.01 3.82 0.00	61.04 3.89 0.00	62.06 4.54 0.00	68.27 4.94 0.00	72.76 5.33 0.00	77.63 6.08 0.00	81.84 7.28 -2.49	83.55 7.75 0.20	106.49 9.80 -5.15	128.97 12.42 -6.65	153.26 14.39 -16.92	179.51 17.09 -30.95	217.57 20.52 -34.24	265.23 22.22 -57.88	265.20 23.85 -35.76	216.13 20.16 -12.73	150.70 12.23 -16.17	106.49 8.45 -5.16	79.81 5.91 0.00	68.98 4.81 0.00
RAVENSWOOD_GT_5 24254	73.82 4.96 0.00	69.81 4.87 0.00	65.10 4.37 0.00	60.50 4.01 0.00	60.01 3.82 0.00	61.04 3.89 0.00	62.06 4.54 0.00	68.27 4.94 0.00	72.76 5.33 0.00	77.63 6.08 0.00	81.84 7.28 -2.49	83.55 7.75 0.20	106.49 9.80 -5.15	128.97 12.42 -6.65	153.26 14.39 -16.92	179.51 17.09 -30.95	217.57 20.52 -34.24	265.23 22.22 -57.88	265.20 23.85 -35.76	216.13 20.16 -12.73	150.70 12.23 -16.17	106.49 8.45 -5.16	79.81 5.91 0.00	68.98 4.81 0.00
RAVENSWOOD_GT_6 24253	73.82 4.96 0.00	69.81 4.87 0.00	65.10 4.37 0.00	60.50 4.01 0.00	60.01 3.82 0.00	61.04 3.89 0.00	62.06 4.54 0.00	68.27 4.94 0.00	72.76 5.33 0.00	77.63 6.08 0.00	81.84 7.28 -2.49	83.55 7.75 0.20	106.49 9.80 -5.15	128.97 12.42 -6.65	153.26 14.39 -16.92	179.51 17.09 -30.95	217.57 20.52 -34.24	265.23 22.22 -57.88	265.20 23.85 -35.76	216.13 20.16 -12.73	150.70 12.23 -16.17	106.49 8.45 -5.16	79.81 5.91 0.00	68.98 4.81 0.00
RAVENSWOOD_GT_7 24255	73.82 4.96 0.00	69.81 4.87 0.00	65.10 4.37 0.00	60.50 4.01 0.00	60.01 3.82 0.00	61.04 3.89 0.00	62.06 4.54 0.00	68.27 4.94 0.00	72.76 5.33 0.00	77.63 6.08 0.00	81.84 7.28 -2.49	83.55 7.75 0.20	106.49 9.80 -5.15	128.97 12.42 -6.65	153.26 14.39 -16.92	179.51 17.09 -30.95	217.57 20.52 -34.24	265.23 22.22 -57.88	265.20 23.85 -35.76	216.13 20.16 -12.73	150.70 12.23 -16.17	106.49 8.45 -5.16	79.81 5.91 0.00	68.98 4.81 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	73.82 4.96 0.00	69.81 4.87 0.00	65.10 4.37 0.00	60.50 4.01 0.00	60.07 3.88 0.00	61.04 3.89 0.00	62.00 4.49 0.00	68.28 4.94 0.00	72.76 5.33 0.00	77.63 6.08 0.00	76.61 7.28 2.74	83.59 7.68 0.08	99.08 9.80 2.26	122.18 12.42 0.14	153.27 14.39 -16.92	173.37 17.09 -24.81	217.41 20.35 -34.24	257.49 22.03 -50.33	259.61 23.85 -30.16	215.96 19.97 -12.73	150.58 12.11 -16.17	105.99 8.36 -4.76	79.74 5.84 0.00	68.98 4.81 0.00
RAVENSWOOD_GT_9 24257	73.82 4.96 0.00	69.81 4.87 0.00	65.10 4.37 0.00	60.50 4.01 0.00	60.07 3.88 0.00	61.04 3.89 0.00	62.00 4.49 0.00	68.28 4.94 0.00	72.76 5.33 0.00	77.63 6.08 0.00	76.61 7.28 2.74	83.59 7.68 0.08	99.08 9.80 2.26	122.18 12.42 0.14	153.27 14.39 -16.92	173.37 17.09 -24.81	217.41 20.35 -34.24	257.49 22.03 -50.33	259.61 23.85 -30.16	215.96 19.97 -12.73	150.58 12.11 -16.17	105.99 8.36 -4.76	79.74 5.84 0.00	68.98 4.81 0.00



RAVENSWOOD___1 23533	73.89 5.02 0.00	69.88 4.93 0.00	65.04 4.31 0.00	60.61 4.12 0.00	59.90 3.71 0.00	60.98 3.83 0.00	61.89 4.37 0.00	68.09 4.75 0.00	72.63 5.19 0.00	77.56 6.01 0.00	67.87 7.21 11.40	83.47 7.53 0.05	86.54 9.52 14.53	111.04 12.52 11.38	152.90 14.02 -16.92	162.83 16.97 -14.40	217.25 20.19 -34.24	244.48 21.83 -37.52	249.70 23.43 -20.68	215.39 19.42 -12.73	150.09 11.62 -16.17	104.79 8.17 -3.75	79.51 5.61 0.01	68.99 4.82 0.00
RAVENSWOOD___2 23534	73.82 4.96 0.00	69.82 4.87 0.00	64.98 4.25 0.00	60.61 4.12 0.00	59.90 3.71 0.00	60.93 3.77 0.00	61.89 4.37 0.00	68.09 4.75 0.00	72.63 5.19 0.00	77.56 6.01 0.00	67.98 7.14 11.22	83.33 7.37 0.03	86.15 8.88 14.27	110.39 11.64 11.15	151.80 12.92 -16.92	161.84 15.77 -14.61	215.78 18.72 -34.24	243.09 20.18 -37.78	248.05 21.58 -20.87	213.74 17.77 -12.73	149.10 10.63 -16.17	103.97 7.34 -3.76	78.99 5.10 0.01	68.85 4.68 0.00
RAVENSWOOD___3 23535	73.82 4.96 0.00	69.82 4.87 0.00	65.04 4.31 0.00	60.50 4.01 0.00	59.79 3.60 0.00	61.04 3.89 0.00	61.94 4.43 0.00	68.28 4.94 0.00	72.76 5.33 0.00	77.63 6.08 0.00	79.13 7.07 0.00	83.67 7.67 0.00	102.87 9.70 -1.62	125.84 12.52 -3.42	153.14 14.26 -16.92	176.38 16.83 -28.08	217.58 20.52 -34.24	261.69 22.21 -54.35	262.57 23.84 -33.14	215.96 19.98 -12.73	150.58 12.11 -16.17	106.27 8.36 -5.04	79.82 5.91 0.00	68.98 4.82 0.00
RAVENSWOOD___4 23820	73.82 4.96 0.00	69.81 4.87 0.00	64.98 4.25 0.00	60.56 4.07 0.00	59.84 3.65 0.00	60.93 3.77 0.00	61.89 4.37 0.00	68.02 4.69 0.00	72.62 5.19 0.00	77.56 6.01 0.00	74.28 7.14 4.92	83.77 7.53 -0.24	95.62 9.43 5.36	119.45 12.52 2.97	152.77 13.90 -16.92	170.62 16.83 -22.32	217.08 20.02 -34.24	254.05 21.65 -47.27	256.72 23.23 -27.90	215.21 19.24 -12.72	150.09 11.62 -16.16	105.30 8.08 -4.35	79.44 5.55 0.01	68.98 4.82 0.00
RCPL_TRUST___DRP 24196	73.96 5.10 0.00	69.94 5.00 0.00	65.22 4.49 0.00	60.61 4.12 0.00	60.18 3.99 0.00	61.16 4.00 0.00	62.17 4.66 0.00	68.46 5.13 0.00	73.03 5.60 0.00	77.92 6.37 0.00	79.63 7.57 0.00	84.13 8.13 0.00	103.42 10.25 -1.62	126.28 12.97 -3.42	153.99 15.12 -16.91	177.29 17.75 -28.08	218.38 21.33 -34.23	262.43 22.96 -54.34	263.40 24.67 -33.14	216.87 20.89 -12.73	151.07 12.60 -16.17	106.55 8.64 -5.04	79.96 6.06 0.00	69.17 5.01 0.00
RED___ROCHESTER 323720	70.51 1.65 0.00	65.98 1.04 0.00	60.67 -0.06 0.00	56.32 -0.17 0.00	55.57 -0.62 0.00	56.70 -0.46 0.00	56.71 -0.81 0.00	62.39 -0.95 0.00	66.62 -0.81 0.00	71.33 -0.21 0.00	72.35 0.29 0.00	77.21 1.21 0.00	92.65 1.10 0.00	110.56 0.66 0.00	122.95 -0.24 -1.24	133.50 -0.39 -2.43	165.23 -0.65 -3.06	189.92 -0.55 -5.35	203.54 -2.06 0.00	183.62 0.37 0.00	123.52 1.22 0.00	93.71 0.83 0.00	75.23 1.33 0.00	64.56 0.39 0.00
REGAN___SOLAR 323812	75.47 6.61 0.00	70.98 6.04 0.00	66.07 5.35 0.00	61.06 4.57 0.00	60.58 4.39 0.00	62.19 5.03 0.00	62.35 4.83 0.00	68.53 5.19 0.00	72.76 5.33 0.00	76.77 5.22 0.00	77.40 5.33 0.00	82.08 6.08 0.00	102.31 7.33 -3.43	125.83 8.68 -7.26	159.51 9.52 -28.03	185.51 9.86 -44.18	228.58 12.54 -53.23	281.87 15.36 -81.39	336.40 18.90 -111.90	237.89 18.70 -35.94	189.99 12.96 -54.74	120.27 9.84 -17.56	81.22 7.32 0.00	69.62 5.45 0.00
RENSSELAER___COGEN 23796	69.96 1.10 0.00	66.11 1.17 0.00	62.00 1.28 0.00	57.62 1.13 0.00	57.09 0.90 0.00	58.30 1.14 0.00	58.66 1.15 0.00	64.60 1.27 0.00	68.71 1.28 0.00	72.62 1.07 0.00	73.61 1.58 0.04	77.97 1.97 0.00	65.26 2.66 28.95	52.22 3.52 61.19	18.01 4.15 108.10	14.46 4.33 121.33	36.43 5.54 131.93	59.40 6.65 132.38	59.00 6.99 153.58	55.39 5.49 133.35	52.22 3.55 73.63	77.84 2.60 17.63	75.38 1.48 0.00	65.26 1.09 0.00
REPUBLIC_115KV_BARTNBRK 55605	78.92 10.05 0.00	74.10 9.16 0.00	68.68 7.96 0.00	63.09 6.61 0.00	62.60 6.41 0.00	64.30 7.14 0.00	64.47 6.96 0.00	71.19 7.85 0.00	75.99 8.56 0.00	80.42 8.87 0.00	81.15 9.08 -0.01	86.56 10.56 0.00	110.41 12.36 -6.51	138.38 14.73 -13.76	177.73 15.85 -39.92	205.11 15.78 -57.87	252.23 21.17 -68.24	307.13 24.81 -97.20	370.74 29.81 -135.33	263.29 28.40 -51.64	207.68 19.32 -66.05	128.43 14.95 -20.60	84.47 10.57 0.00	72.25 8.09 0.00
REVERE_CPPR_DRP 24186	71.89 3.03 0.00	67.47 2.53 0.00	62.91 2.19 0.00	58.41 1.92 0.00	58.05 1.85 0.00	59.56 2.40 0.00	59.87 2.36 0.00	66.12 2.79 0.00	70.46 3.03 0.00	74.91 3.36 0.00	75.24 3.17 0.00	79.65 3.65 0.00	95.12 3.57 0.00	113.74 3.85 0.00	126.84 4.39 -0.49	134.42 4.86 1.91	170.88 6.84 -1.22	195.04 7.78 -2.13	215.46 9.87 0.00	192.60 9.35 0.00	128.54 6.24 0.00	98.07 5.20 0.00	78.12 4.21 0.00	67.06 2.89 0.00
REYNLDPA_13_KV_LD 356490	67.97 -0.90 0.00	64.16 -0.78 0.00	60.12 -0.61 0.00	56.09 -0.40 0.00	56.02 -0.17 0.00	56.76 -0.40 0.00	57.00 -0.52 0.00	62.76 -0.57 0.00	66.82 -0.61 0.00	70.76 -0.79 0.00	70.55 -1.51 0.00	73.72 -2.28 0.00	88.25 -3.30 0.00	105.50 -4.40 0.00	117.20 -4.76 0.00	130.32 -5.78 -4.64	155.98 -6.84 0.00	177.91 -7.22 0.00	197.58 -8.02 0.00	176.10 -7.15 0.00	117.53 -4.77 0.00	89.53 -3.34 0.00	72.35 -1.55 0.00	63.46 -0.71 0.00
REYNOLDS_115KV_TB3 80639	70.86 2.00 0.00	66.89 1.95 0.00	62.67 1.94 0.00	58.24 1.75 0.00	57.82 1.63 0.00	58.87 1.71 0.00	59.36 1.84 0.00	65.36 2.03 0.00	69.52 2.09 0.00	73.62 2.07 0.00	74.83 2.74 -0.03	78.96 2.96 0.00	114.16 3.84 -18.76	154.50 4.95 -39.66	218.24 5.73 -90.55	256.42 6.18 -118.77	306.60 7.65 -136.13	368.28 8.89 -174.27	410.13 9.46 -195.07	298.09 7.88 -106.96	222.07 5.14 -94.63	123.87 3.81 -27.19	76.27 2.36 0.00	65.96 1.80 0.00
RIVERBAY____ 323610	75.21 6.34 -0.01	71.18 6.23 -0.01	66.01 5.28 0.00	61.57 5.08 0.00	61.30 5.11 0.00	61.78 4.63 0.00	62.69 5.18 0.00	69.03 5.70 0.00	73.50 6.07 0.00	78.56 7.01 0.00	77.78 8.14 2.42	83.93 8.36 0.42	100.54 10.80 1.81	124.24 14.07 -0.28	154.86 15.98 -16.93	176.08 19.33 -25.29	219.86 22.79 -34.25	260.67 24.62 -50.92	262.93 26.73 -30.60	218.71 22.72 -12.74	152.42 13.94 -16.18	107.34 9.66 -4.81	80.84 6.95 0.01	70.20 6.03 0.00
RIVERSDE_115KV_TB3 55908	70.65 1.79 0.00	66.70 1.75 0.00	62.49 1.76 0.00	58.07 1.58 0.00	57.65 1.46 0.00	58.76 1.60 0.00	59.18 1.67 0.00	65.17 1.84 0.00	69.32 1.89 0.00	73.41 1.86 0.00	74.53 2.45 -0.01	78.74 2.74 0.00	102.93 3.66 -7.72	130.83 4.62 -16.31	171.92 5.37 -44.60	200.50 5.78 -63.25	244.14 7.16 -74.15	297.06 8.52 -103.42	330.37 8.84 -115.93	242.24 7.33 -51.67	183.52 4.77 -56.45	113.48 3.53 -17.08	76.05 2.14 0.00	65.84 1.67 0.00
ROARING___BROOK_WT_PWR 323790	68.11 -0.76 0.00	64.29 -0.65 0.00	60.30 -0.42 0.00	56.20 -0.28 0.00	56.02 -0.17 0.00	56.93 -0.23 0.00	57.34 -0.17 0.00	63.08 -0.25 0.00	67.16 -0.27 0.00	71.26 -0.29 0.00	71.63 -0.43 0.00	75.39 -0.61 0.00	90.54 -1.01 0.00	108.46 -1.43 0.00	120.50 -1.46 0.00	130.61 -1.71 -0.86	160.54 -2.28 0.00	182.54 -2.59 0.00	202.72 -2.88 0.00	180.51 -2.74 0.00	120.34 -1.96 0.00	91.38 -1.49 0.00	72.87 -1.03 0.00	63.53 -0.64 0.00



ROCHESRG_115KV_T4 355643	69.48 0.62 0.00	65.14 0.19 0.00	59.94 -0.79 0.00	55.64 -0.85 0.00	54.96 -1.24 0.00	56.01 -1.14 0.00	56.13 -1.38 0.00	61.69 -1.65 0.00	65.81 -1.62 0.00	70.40 -1.14 0.00	71.34 -0.72 0.00	76.08 0.08 0.00	91.18 -0.37 0.00	109.35 -0.55 0.00	121.23 -1.95 -1.23	132.03 -1.84 -2.41	162.93 -2.93 -3.04	187.11 -3.33 -5.31	200.87 -4.73 0.00	181.05 -2.20 0.00	121.93 -0.37 0.00	92.50 -0.37 0.00	74.20 0.30 0.00	63.72 -0.45 0.00
ROCHESTER_9_IC 23652	69.96 1.10 0.00	65.59 0.65 0.00	60.36 -0.36 0.00	56.03 -0.45 0.00	55.29 -0.90 0.00	56.35 -0.80 0.00	56.42 -1.09 0.00	62.07 -1.27 0.00	66.22 -1.21 0.00	70.90 -0.64 0.00	71.92 -0.14 0.00	76.68 0.68 0.00	91.91 0.37 0.00	110.23 0.33 0.00	122.22 -0.98 -1.24	133.10 -0.79 -2.43	164.25 -1.63 -3.06	188.63 -1.85 -5.35	202.31 -3.29 0.00	182.52 -0.73 0.00	122.79 0.49 0.00	93.24 0.37 0.00	74.72 0.81 0.00	64.17 0.00 0.00
ROCKVIEW_13_KV_LD 356306	74.03 5.16 0.00	69.88 4.94 0.00	65.16 4.43 0.00	60.55 4.07 0.00	60.07 3.88 0.00	61.10 3.94 0.00	62.00 4.49 0.00	68.34 5.00 0.00	72.89 5.46 0.00	77.77 6.22 0.00	79.42 7.35 0.00	83.90 7.90 0.00	103.24 10.07 -1.62	126.18 12.86 -3.42	153.75 14.88 -16.92	176.90 17.35 -28.08	218.06 21.00 -34.24	262.43 22.96 -54.35	263.41 24.67 -33.14	217.05 21.07 -12.73	151.56 13.09 -16.17	107.01 9.10 -5.04	80.11 6.21 0.00	69.17 5.01 0.00
ROME____115KV_TB2 80656	71.89 3.03 0.00	67.47 2.53 0.00	62.91 2.19 0.00	58.41 1.92 0.00	58.05 1.85 0.00	59.56 2.40 0.00	59.87 2.36 0.00	66.12 2.79 0.00	70.46 3.03 0.00	74.91 3.36 0.00	75.24 3.17 0.00	79.65 3.65 0.00	95.12 3.57 0.00	113.74 3.85 0.00	126.84 4.39 -0.49	134.42 4.86 1.91	170.88 6.84 -1.22	195.04 7.78 -2.13	215.46 9.87 0.00	192.60 9.35 0.00	128.54 6.24 0.00	98.07 5.20 0.00	78.12 4.21 0.00	67.06 2.89 0.00
ROSETON___1 23587	72.44 3.58 0.00	68.45 3.50 0.00	63.94 3.22 0.00	59.37 2.88 0.00	58.78 2.59 0.00	60.01 2.86 0.00	60.68 3.16 0.00	66.88 3.54 0.00	71.34 3.91 0.00	75.84 4.29 0.00	77.18 5.12 0.00	81.70 5.70 0.00	100.22 7.23 -1.44	122.28 9.34 -3.05	148.74 10.60 -16.17	170.87 12.23 -27.18	211.02 14.97 -33.23	254.79 16.47 -53.19	255.13 17.88 -31.66	210.08 15.03 -11.80	147.17 9.42 -15.46	104.40 6.69 -4.84	78.49 4.58 0.00	67.82 3.66 0.00
ROSETON___2 23588	72.44 3.58 0.00	68.45 3.50 0.00	63.94 3.22 0.00	59.37 2.88 0.00	58.78 2.59 0.00	60.01 2.86 0.00	60.68 3.16 0.00	66.88 3.54 0.00	71.34 3.91 0.00	75.84 4.29 0.00	77.18 5.12 0.00	81.70 5.70 0.00	100.22 7.23 -1.44	122.28 9.34 -3.05	148.74 10.60 -16.17	170.87 12.23 -27.18	211.02 14.97 -33.23	254.79 16.47 -53.19	255.13 17.88 -31.66	210.08 15.03 -11.80	147.17 9.42 -15.46	104.40 6.69 -4.84	78.49 4.58 0.00	67.82 3.66 0.00
ROTTDAM_115KV_TB3 80664	71.62 2.75 0.00	67.54 2.60 0.00	63.15 2.43 0.00	58.63 2.15 0.00	58.21 2.02 0.00	59.33 2.17 0.00	59.70 2.19 0.00	65.68 2.34 0.00	69.92 2.49 0.00	74.12 2.58 0.00	75.02 2.95 -0.01	79.27 3.27 0.00	99.43 4.12 -3.76	123.01 5.17 -7.95	156.31 5.73 -28.63	181.84 6.05 -44.32	223.64 7.65 -53.16	274.18 8.89 -80.16	337.87 10.28 -122.00	231.67 9.16 -39.25	188.09 6.11 -59.68	116.65 4.64 -19.14	77.08 3.18 0.00	66.54 2.37 0.00
RUSSELL___1 23602	70.45 1.58 0.00	65.98 1.04 0.00	60.67 -0.06 0.00	56.32 -0.17 0.00	55.57 -0.62 0.00	56.58 -0.57 0.00	56.71 -0.81 0.00	62.45 -0.89 0.00	66.62 -0.81 0.00	71.33 -0.21 0.00	72.42 0.36 0.00	77.22 1.22 0.00	92.55 1.01 0.00	111.00 1.10 0.00	122.95 -0.24 -1.24	134.02 0.13 -2.43	165.23 -0.65 -3.06	189.92 -0.56 -5.35	203.74 -1.85 0.00	183.62 0.37 0.00	123.52 1.22 0.00	93.80 0.93 0.00	75.23 1.33 0.00	64.55 0.39 0.00
RUSSELL___2 23532	70.45 1.58 0.00	65.98 1.04 0.00	60.67 -0.06 0.00	56.32 -0.17 0.00	55.57 -0.62 0.00	56.58 -0.57 0.00	56.71 -0.81 0.00	62.45 -0.89 0.00	66.62 -0.81 0.00	71.33 -0.21 0.00	72.42 0.36 0.00	77.22 1.22 0.00	92.55 1.01 0.00	111.00 1.10 0.00	122.95 -0.24 -1.24	134.02 0.13 -2.43	165.23 -0.65 -3.06	189.92 -0.56 -5.35	203.74 -1.85 0.00	183.62 0.37 0.00	123.52 1.22 0.00	93.80 0.93 0.00	75.23 1.33 0.00	64.55 0.39 0.00
RUSSELL___3 23549	70.45 1.58 0.00	65.98 1.04 0.00	60.67 -0.06 0.00	56.32 -0.17 0.00	55.57 -0.62 0.00	56.58 -0.57 0.00	56.71 -0.81 0.00	62.45 -0.89 0.00	66.62 -0.81 0.00	71.33 -0.21 0.00	72.42 0.36 0.00	77.22 1.22 0.00	92.55 1.01 0.00	111.00 1.10 0.00	122.95 -0.24 -1.24	134.02 0.13 -2.43	165.23 -0.65 -3.06	189.92 -0.56 -5.35	203.74 -1.85 0.00	183.62 0.37 0.00	123.52 1.22 0.00	93.80 0.93 0.00	75.23 1.33 0.00	64.55 0.39 0.00
RUSSELL___4 23556	70.45 1.58 0.00	65.98 1.04 0.00	60.67 -0.06 0.00	56.32 -0.17 0.00	55.57 -0.62 0.00	56.58 -0.57 0.00	56.71 -0.81 0.00	62.45 -0.89 0.00	66.62 -0.81 0.00	71.33 -0.21 0.00	72.42 0.36 0.00	77.22 1.22 0.00	92.55 1.01 0.00	111.00 1.10 0.00	122.95 -0.24 -1.24	134.02 0.13 -2.43	165.23 -0.65 -3.06	189.92 -0.56 -5.35	203.74 -1.85 0.00	183.62 0.37 0.00	123.52 1.22 0.00	93.80 0.93 0.00	75.23 1.33 0.00	64.55 0.39 0.00
RUSSELL___STATION 23914	70.45 1.58 0.00	65.98 1.04 0.00	60.67 -0.06 0.00	56.32 -0.17 0.00	55.57 -0.62 0.00	56.58 -0.57 0.00	56.71 -0.81 0.00	62.45 -0.89 0.00	66.62 -0.81 0.00	71.33 -0.21 0.00	72.42 0.36 0.00	77.22 1.22 0.00	92.55 1.01 0.00	111.00 1.10 0.00	122.95 -0.24 -1.24	134.02 0.13 -2.43	165.23 -0.65 -3.06	189.92 -0.56 -5.35	203.74 -1.85 0.00	183.62 0.37 0.00	123.52 1.22 0.00	93.80 0.93 0.00	75.23 1.33 0.00	64.55 0.39 0.00
S SALMON___HYD 24043	68.17 -0.69 0.00	64.03 -0.91 0.00	59.69 -1.03 0.00	55.47 -1.02 0.00	55.07 -1.12 0.00	56.41 -0.74 0.00	56.71 -0.81 0.00	62.58 -0.76 0.00	66.69 -0.74 0.00	70.76 -0.79 0.00	71.20 -0.86 0.00	75.39 -0.61 0.00	90.54 -1.01 0.00	107.92 -1.97 0.00	120.37 -2.32 -0.73	127.20 -2.36 1.90	162.02 -2.61 -1.81	185.70 -2.59 -3.16	203.34 -2.26 0.00	182.34 -0.91 0.00	121.81 -0.49 0.00	93.34 0.47 0.00	74.27 0.37 0.00	64.04 -0.13 0.00
S.PERRY__115KV_TB1 80734	70.17 1.31 0.00	65.66 0.71 0.00	60.30 -0.43 0.00	55.98 -0.51 0.00	55.24 -0.96 0.00	56.41 -0.74 0.00	56.54 -0.98 0.00	61.94 -1.39 0.00	65.54 -1.89 0.00	69.76 -1.79 0.00	70.48 -1.59 0.00	75.09 -0.91 0.00	89.99 -1.56 0.00	104.84 -5.06 0.00	116.39 -7.32 -1.75	127.67 -7.23 -3.44	158.04 -9.12 -4.33	184.00 -8.70 -7.58	200.88 -8.63 -3.92	179.33 -4.76 -0.84	123.12 -1.10 -1.92	92.78 -0.74 -0.65	75.82 1.92 0.00	64.68 0.51 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	68.93 0.07 0.00	64.62 -0.32 0.00	59.03 -1.70 0.00	54.85 -1.64 0.00	53.94 -2.25 0.00	55.04 -2.11 0.00	54.98 -2.53 0.00	60.10 -3.23 0.00	64.06 -3.37 0.00	68.76 -2.79 0.00	69.76 -2.31 0.00	74.63 -1.37 0.00	89.35 -2.20 0.00	107.37 -2.53 0.00	118.09 -5.49 -1.62	129.11 -5.52 -3.17	159.00 -7.82 -4.00	182.86 -9.26 -6.99	198.48 -10.69 -3.58	178.15 -5.86 -0.77	121.85 -2.20 -1.76	91.70 -1.76 -0.59	73.24 -0.67 0.00	62.88 -1.28 0.00



SAWYER___23_KV_LOAD 55526	68.93 0.07 0.00	64.62 -0.32 0.00	59.03 -1.70 0.00	54.85 -1.64 0.00	53.94 -2.25 0.00	55.04 -2.11 0.00	54.98 -2.53 0.00	60.10 -3.23 0.00	64.06 -3.37 0.00	68.76 -2.79 0.00	69.76 -2.31 0.00	74.63 -1.37 0.00	89.35 -2.20 0.00	107.37 -2.53 0.00	118.09 -5.49 -1.62	129.11 -5.52 -3.17	159.00 -7.82 -4.00	182.86 -9.26 -6.99	198.48 -10.69 -3.58	178.15 -5.86 -0.77	121.85 -2.20 -1.76	91.70 -1.76 -0.59	73.24 -0.67 0.00	62.88 -1.28 0.00
SELKIRK___I 23801	69.41 0.55 0.00	65.66 0.72 0.00	61.58 0.85 0.00	57.17 0.68 0.00	56.64 0.45 0.00	57.78 0.63 0.00	58.03 0.52 0.00	63.65 0.32 0.00	67.63 0.20 0.00	71.46 -0.07 0.02	72.33 0.29 0.02	75.50 0.54 1.04	77.05 0.82 15.32	79.69 1.32 31.53	75.74 1.71 47.92	84.01 1.58 49.04	105.72 2.11 59.21	130.74 2.78 57.17	132.23 3.28 76.64	123.22 2.75 62.78	96.07 1.84 28.06	88.48 1.48 5.88	74.22 0.66 0.34	64.56 0.39 0.00
SELKIRK___II 23799	69.69 0.83 0.00	65.92 0.98 0.00	61.82 1.09 0.00	57.50 1.02 0.00	56.98 0.79 0.00	58.13 0.97 0.00	58.49 0.98 0.00	64.29 0.95 0.00	68.30 0.87 0.00	72.27 0.79 0.06	73.27 1.22 0.02	73.77 1.52 3.75	73.77 2.11 19.88	73.77 2.85 38.98	68.09 3.54 57.41	73.77 3.55 61.25	73.77 4.55 93.60	73.77 5.18 116.54	73.77 5.55 137.38	113.76 4.39 73.88	90.10 2.82 35.01	87.27 2.04 7.65	73.77 1.11 1.24	65.00 0.83 0.00
SENECA OSWGO___HYD 24041	67.76 -1.10 0.00	63.71 -1.24 0.00	59.39 -1.34 0.00	55.19 -1.30 0.00	54.73 -1.46 0.00	55.84 -1.31 0.00	56.13 -1.38 0.00	62.00 -1.33 0.00	66.08 -1.35 0.00	70.19 -1.36 0.00	70.99 -1.08 0.00	75.24 -0.76 0.00	90.54 -1.01 0.00	108.58 -1.31 0.00	121.18 -1.59 -0.81	130.22 -1.71 -0.47	162.87 -1.95 -2.00	186.41 -2.21 -3.49	202.92 -2.68 0.00	181.42 -1.83 0.00	121.32 -0.98 0.00	92.13 -0.75 0.00	73.16 -0.74 0.00	63.14 -1.03 0.00
SENECA___115KV_TB3 355854	69.41 0.55 0.00	65.14 0.19 0.00	59.45 -1.28 0.00	55.24 -1.24 0.00	54.34 -1.85 0.00	55.50 -1.66 0.00	55.50 -2.01 0.00	60.80 -2.53 0.00	64.87 -2.56 0.00	69.62 -1.93 0.00	70.55 -1.51 0.00	75.47 -0.53 0.00	90.36 -1.19 0.00	108.80 -1.10 0.00	119.50 -4.15 -1.69	130.83 -3.94 -3.31	161.30 -5.70 -4.18	185.59 -6.85 -7.31	201.95 -7.40 -3.75	180.76 -3.30 -0.81	123.65 -0.49 -1.84	93.03 -0.46 -0.62	74.05 0.15 0.00	63.53 -0.64 0.00
SENECA___ENERGY 23797	69.62 0.76 0.00	65.27 0.33 0.00	60.48 -0.24 0.00	56.15 -0.34 0.00	55.57 -0.62 0.00	56.87 -0.28 0.00	57.23 -0.29 0.00	63.21 -0.13 0.00	67.36 -0.07 0.00	71.76 0.22 0.00	72.57 0.51 0.00	77.06 1.06 0.00	92.56 1.01 0.00	110.77 0.88 0.00	123.63 0.37 -1.31	133.78 0.40 -1.92	166.71 0.65 -3.23	191.90 1.12 -5.65	209.68 1.24 -2.85	186.43 2.56 -0.61	125.90 2.20 -1.40	95.20 1.86 -0.47	75.30 1.40 0.00	64.62 0.45 0.00
SHOEMAKER___GT 23640	72.30 3.44 0.00	68.25 3.31 0.00	63.70 2.97 0.00	59.14 2.66 0.00	58.55 2.36 0.00	59.84 2.69 0.00	60.39 2.87 0.00	66.63 3.29 0.00	70.93 3.50 0.00	75.48 3.93 0.00	76.68 4.62 0.00	81.32 5.32 0.00	99.51 6.68 -1.29	121.19 8.58 -2.72	146.38 9.76 -14.66	167.34 11.17 -24.70	207.05 14.00 -30.22	249.14 15.55 -48.46	251.54 17.05 -28.89	208.39 14.47 -10.67	145.58 9.18 -14.11	103.89 6.59 -4.43	78.41 4.51 0.00	67.63 3.46 0.00
SHOEMAKR_138KV_BK 111 55601	72.24 3.37 0.00	68.19 3.25 0.00	63.64 2.91 0.00	59.14 2.65 0.00	58.66 2.47 0.00	59.78 2.63 0.00	60.45 2.93 0.00	66.56 3.23 0.00	70.94 3.51 0.00	75.48 3.94 0.00	76.89 4.83 0.00	81.32 5.32 0.00	99.59 6.77 -1.27	121.04 8.46 -2.68	146.24 9.76 -14.53	167.39 11.44 -24.49	206.79 14.00 -29.97	248.75 15.55 -48.07	251.29 17.06 -28.63	208.28 14.48 -10.55	145.45 9.17 -13.98	103.76 6.50 -4.39	78.26 4.36 0.00	67.57 3.40 0.00
SHOREHAM_IC_1 23715	88.66 6.82 -12.98	86.49 6.43 -15.12	66.39 5.65 -0.02	61.58 5.09 -0.01	60.75 4.55 -0.01	62.08 4.92 -0.01	63.10 5.58 -0.01	75.11 6.46 -5.31	86.44 7.08 -11.93	88.88 8.01 -9.32	81.61 7.79 -1.76	94.45 8.74 -9.71	222.20 11.35 -119.30	276.61 15.06 -151.65	292.47 16.84 -153.68	292.08 17.49 -143.13	380.00 21.49 -195.69	471.98 23.70 -263.15	413.12 26.11 -181.41	342.96 22.53 -137.18	274.04 16.02 -135.72	271.37 11.70 -166.80	88.52 8.35 -6.27	73.16 6.55 -2.45
SHOREHAM_IC_2 23716	88.66 6.82 -12.98	86.49 6.43 -15.12	66.39 5.65 -0.02	61.57 5.08 0.00	61.02 4.83 0.00	62.07 4.92 0.00	63.21 5.69 0.00	75.04 6.40 -5.31	86.44 7.08 -11.93	88.88 8.01 -9.32	81.96 8.14 -1.76	94.45 8.74 -9.71	222.20 11.35 -119.30	276.50 14.95 -151.65	292.47 16.83 -153.68	292.34 17.75 -143.13	379.84 21.33 -195.69	471.79 23.51 -263.15	412.91 25.90 -181.41	342.96 22.54 -137.18	273.92 15.90 -135.72	271.37 11.70 -166.80	88.38 8.20 -6.27	73.16 6.55 -2.45
SISSONVILLE___ 23735	67.21 -1.65 0.00	63.32 -1.62 0.00	59.39 -1.34 0.00	55.41 -1.07 0.00	55.40 -0.79 0.00	56.30 -0.86 0.00	56.59 -0.92 0.00	62.32 -1.01 0.00	66.28 -1.15 0.00	70.12 -1.43 0.00	69.69 -2.38 0.00	71.21 -4.79 0.00	84.86 -6.68 0.00	100.88 -9.01 0.00	112.20 -9.76 0.00	85.76 -11.70 34.00	148.82 -14.00 0.00	169.95 -15.18 0.00	189.35 -16.24 0.00	168.96 -14.29 0.00	112.76 -9.54 0.00	86.65 -6.22 0.00	71.17 -2.73 0.00	62.50 -1.67 0.00
SITHE_IND_GS1 24169	67.21 -1.65 0.00	63.25 -1.69 0.00	58.96 -1.76 0.00	54.79 -1.69 0.00	54.34 -1.85 0.00	55.44 -1.71 0.00	55.73 -1.78 0.00	61.44 -1.90 0.00	65.47 -1.96 0.00	69.54 -2.00 0.00	70.27 -1.80 0.00	74.40 -1.60 0.00	89.53 -2.01 0.00	107.37 -2.52 0.00	119.55 -3.04 -0.63	129.42 -3.28 -1.24	160.47 -3.91 -1.56	183.41 -4.44 -2.73	200.46 -5.13 0.00	179.22 -4.03 0.00	119.73 -2.57 0.00	90.92 -1.95 0.00	72.35 -1.56 0.00	62.50 -1.67 0.00
SITHE_IND_GS2 24170	67.21 -1.65 0.00	63.25 -1.69 0.00	58.96 -1.76 0.00	54.79 -1.69 0.00	54.34 -1.85 0.00	55.44 -1.71 0.00	55.73 -1.78 0.00	61.44 -1.90 0.00	65.47 -1.96 0.00	69.54 -2.00 0.00	70.27 -1.80 0.00	74.40 -1.60 0.00	89.53 -2.01 0.00	107.37 -2.52 0.00	119.55 -3.04 -0.63	129.42 -3.28 -1.24	160.47 -3.91 -1.56	183.41 -4.44 -2.73	200.46 -5.13 0.00	179.22 -4.03 0.00	119.73 -2.57 0.00	90.92 -1.95 0.00	72.35 -1.56 0.00	62.50 -1.67 0.00
SITHE_IND_GS3 24171	67.21 -1.65 0.00	63.25 -1.69 0.00	58.96 -1.76 0.00	54.79 -1.69 0.00	54.34 -1.85 0.00	55.44 -1.71 0.00	55.73 -1.78 0.00	61.44 -1.90 0.00	65.47 -1.96 0.00	69.54 -2.00 0.00	70.27 -1.80 0.00	74.40 -1.60 0.00	89.53 -2.01 0.00	107.37 -2.52 0.00	119.55 -3.04 -0.63	129.42 -3.28 -1.24	160.47 -3.91 -1.56	183.41 -4.44 -2.73	200.46 -5.13 0.00	179.22 -4.03 0.00	119.73 -2.57 0.00	90.92 -1.95 0.00	72.35 -1.56 0.00	62.50 -1.67 0.00
SITHE_IND_GS4 24172	67.21 -1.65 0.00	63.25 -1.69 0.00	58.96 -1.76 0.00	54.79 -1.69 0.00	54.34 -1.85 0.00	55.44 -1.71 0.00	55.73 -1.78 0.00	61.44 -1.90 0.00	65.47 -1.96 0.00	69.54 -2.00 0.00	70.27 -1.80 0.00	74.40 -1.60 0.00	89.53 -2.01 0.00	107.37 -2.52 0.00	119.55 -3.04 -0.63	129.42 -3.28 -1.24	160.47 -3.91 -1.56	183.41 -4.44 -2.73	200.46 -5.13 0.00	179.22 -4.03 0.00	119.73 -2.57 0.00	90.92 -1.95 0.00	72.35 -1.56 0.00	62.50 -1.67 0.00



SITHE___BATAVIA 24024	71.07 2.20 0.00	66.37 1.43 0.00	60.42 -0.30 0.00	56.37 -0.11 0.00	55.18 -1.01 0.00	56.41 -0.74 0.00	56.25 -1.27 0.00	61.63 -1.71 0.00	65.68 -1.75 0.00	70.33 -1.22 0.00	71.34 -0.72 0.00	76.30 0.31 0.00	90.08 -1.47 0.00	107.48 -2.42 0.00	118.88 -4.51 -1.43	129.14 -5.13 -2.81	159.68 -6.68 -3.54	184.29 -7.03 -6.19	199.68 -9.04 -3.12	179.35 -4.57 -0.67	122.37 -1.46 -1.53	92.00 -1.39 -0.52	75.01 1.11 0.00	64.36 0.19 0.00
SITHE___INDEPEND 23800	67.21 -1.65 0.00	63.25 -1.69 0.00	58.96 -1.76 0.00	54.79 -1.69 0.00	54.39 -1.80 0.00	55.38 -1.77 0.00	55.73 -1.78 0.00	61.43 -1.90 0.00	65.47 -1.96 0.00	69.54 -2.00 0.00	70.26 -1.80 0.00	74.40 -1.60 0.00	89.53 -2.01 0.00	107.48 -2.42 0.00	119.54 -3.05 -0.63	129.55 -3.16 -1.24	160.47 -3.91 -1.56	183.42 -4.44 -2.73	200.45 -5.14 0.00	179.22 -4.03 0.00	119.73 -2.57 0.00	90.92 -1.95 0.00	72.28 -1.63 0.00	62.50 -1.67 0.00
SITHE___MASSENA 23902	67.83 -1.03 0.00	64.03 -0.91 0.00	60.00 -0.73 0.00	55.98 -0.51 0.00	56.08 -0.11 0.00	56.58 -0.57 0.00	57.00 -0.52 0.00	62.70 -0.63 0.00	66.69 -0.74 0.00	70.62 -0.93 0.00	70.48 -1.59 0.00	72.73 -3.27 0.00	87.06 -4.48 0.00	104.07 -5.83 0.00	115.49 -6.47 0.00	74.44 -7.23 49.79	153.71 -9.11 0.00	175.31 -9.82 0.00	194.90 -10.70 0.00	173.91 -9.34 0.00	115.94 -6.36 0.00	88.51 -4.36 0.00	72.13 -1.77 0.00	63.33 -0.84 0.00
SITHE___OGDNSBRG 24021	68.72 -0.14 0.00	64.75 -0.19 0.00	60.67 -0.06 0.00	56.54 0.06 0.00	56.53 0.34 0.00	57.44 0.29 0.00	57.63 0.12 0.00	63.40 0.06 0.00	67.30 -0.13 0.00	71.12 -0.43 0.00	70.41 -1.66 0.00	72.43 -3.57 0.00	86.42 -5.13 0.00	102.97 -6.92 0.00	114.52 -7.44 0.00	82.39 -8.94 40.14	152.40 -10.42 0.00	174.58 -10.55 0.00	195.11 -10.49 0.00	174.64 -8.61 0.00	116.67 -5.63 0.00	89.34 -3.53 0.00	73.02 -0.89 0.00	63.98 -0.19 0.00
SITHE___STERLING 23777	71.34 2.48 0.00	67.02 2.08 0.00	62.49 1.76 0.00	58.01 1.53 0.00	57.60 1.41 0.00	58.98 1.83 0.00	59.30 1.78 0.00	65.49 2.15 0.00	69.79 2.36 0.00	74.20 2.65 0.00	74.66 2.59 0.00	79.12 3.12 0.00	94.29 2.74 0.00	112.97 3.07 0.00	125.95 3.41 0.00	134.49 3.81 0.78	169.46 5.21 -1.43	193.74 6.10 -2.51	213.21 7.61 0.00	190.59 7.34 0.00	127.32 5.02 0.00	96.86 3.99 0.00	77.38 3.47 0.00	66.54 2.38 0.00
SLEIGHT__34_KV_TB1 80719	69.48 0.62 0.00	65.14 0.19 0.00	60.18 -0.55 0.00	55.86 -0.62 0.00	55.24 -0.96 0.00	56.35 -0.80 0.00	56.59 -0.92 0.00	62.51 0.00 0.00	66.69 -0.74 0.00	71.19 -0.36 0.00	72.21 0.14 0.00	76.76 0.76 0.00	92.19 0.64 0.00	110.67 0.77 0.00	123.04 -0.12 -1.21	133.96 0.13 -2.37	165.48 -0.33 -2.98	190.16 -0.19 -5.22	204.57 -1.03 0.00	183.80 0.55 0.00	123.40 1.10 0.00	93.71 0.84 0.00	74.72 0.81 0.00	64.17 0.00 0.00
SMITHTWN_69_KV_BK 1 55830	89.37 7.44 -13.07	87.14 7.08 -15.12	67.00 6.25 -0.02	62.19 5.71 0.00	61.64 5.45 0.00	62.70 5.54 0.00	63.78 6.27 0.00	75.67 7.03 -5.31	87.11 7.75 -11.93	89.45 8.59 -9.32	82.54 8.65 -1.83	92.85 9.20 -7.66	285.00 11.63 -181.83	350.50 14.62 -225.99	337.23 16.59 -198.69	291.95 19.19 -141.29	379.41 23.45 -193.14	523.70 25.73 -312.84	412.41 28.17 -178.65	342.35 24.19 -134.91	308.49 15.17 -171.02	359.95 10.77 -256.31	90.55 7.69 -8.96	73.89 6.99 -2.72
SOUTH CAIRO___GT 23612	72.72 3.86 0.00	68.45 3.51 0.00	63.94 3.22 0.00	59.25 2.77 0.00	58.83 2.64 0.00	60.01 2.86 0.00	60.22 2.70 0.00	66.18 2.85 0.00	70.06 2.63 0.00	73.60 2.07 0.02	75.21 3.17 0.02	78.86 4.18 1.32	80.35 5.40 16.60	82.70 6.81 34.01	76.99 7.68 52.65	84.49 8.15 55.13	105.62 11.07 68.27	129.16 14.25 70.23	131.08 16.45 90.96	129.65 14.84 68.44	99.91 10.27 32.66	93.23 7.52 7.17	78.57 5.10 0.44	67.57 3.40 0.00
SOUTH HAMPTN___IC 23720	90.07 8.26 -12.95	87.72 7.66 -15.12	67.48 6.74 -0.02	62.65 6.16 -0.01	61.76 5.56 -0.01	63.16 6.00 -0.01	64.19 6.67 -0.01	76.43 7.79 -5.31	88.12 8.76 -11.93	90.96 10.09 -9.32	83.88 10.09 -1.73	97.23 11.48 -9.75	220.50 14.46 -114.49	273.97 18.13 -145.95	291.52 20.12 -149.45	296.35 21.83 -143.05	384.65 26.22 -195.61	471.33 29.07 -257.13	419.26 32.28 -181.38	348.98 28.58 -137.15	273.86 18.58 -132.98	266.40 13.56 -159.97	90.21 10.27 -6.04	74.79 8.22 -2.40
SOUTHDOW_115KV_TB1 355954	70.79 1.93 0.00	66.44 1.49 0.00	60.67 -0.06 0.00	56.37 -0.11 0.00	55.52 -0.67 0.00	56.81 -0.34 0.00	57.17 -0.35 0.00	62.89 -0.44 0.00	67.23 -0.20 0.00	72.19 0.64 0.00	73.29 1.23 0.00	78.13 2.13 0.00	93.74 2.20 0.00	112.97 3.08 0.00	124.15 0.37 -1.83	136.23 1.18 -3.58	168.15 0.81 -4.52	193.21 0.19 -7.90	211.33 1.64 -4.09	188.89 4.76 -0.88	129.20 4.89 -2.01	96.98 3.44 -0.68	76.64 2.73 0.00	65.32 1.16 0.00
SOUTHOLD_69_KV_BK 2 55809	91.52 9.71 -12.95	88.96 8.90 -15.12	68.58 7.83 -0.02	63.55 7.06 0.00	62.99 6.80 0.00	64.13 6.97 0.00	65.39 7.88 0.00	77.83 9.18 -5.31	89.81 10.45 -11.93	93.10 12.23 -9.32	86.84 13.04 -1.73	100.12 14.36 -9.75	224.05 17.94 -114.55	275.26 19.34 -146.02	292.71 21.22 -149.53	297.66 23.14 -143.06	385.30 26.87 -195.62	472.21 29.81 -257.28	420.49 33.51 -181.38	350.45 30.05 -137.15	274.76 19.45 -133.02	266.95 14.02 -160.06	92.44 12.49 -6.05	76.78 10.20 -2.40
SOUTHOLD___IC 23719	91.52 9.71 -12.95	88.96 8.90 -15.12	68.52 7.77 -0.02	63.55 7.06 -0.01	62.71 6.52 -0.01	64.13 6.97 -0.01	65.34 7.82 -0.01	77.89 9.25 -5.31	89.81 10.45 -11.93	93.10 12.23 -9.32	86.41 12.61 -1.73	100.12 14.37 -9.75	224.05 17.95 -114.55	275.37 19.45 -146.02	292.71 21.22 -149.53	297.52 23.00 -143.06	385.29 26.86 -195.62	472.22 29.81 -257.28	420.70 33.72 -181.38	350.63 30.23 -137.15	274.76 19.45 -133.02	266.95 14.02 -160.06	92.51 12.56 -6.05	76.78 10.20 -2.40
SOUTH_FORK_WT_PWR 323839	91.31 9.51 -12.95	88.70 8.64 -15.12	68.33 7.59 -0.02	63.38 6.89 -0.01	62.55 6.35 -0.01	64.02 6.86 -0.01	65.23 7.71 -0.01	77.82 9.18 -5.31	89.87 10.51 -11.93	93.32 12.45 -9.32	86.69 12.90 -1.73	100.50 14.75 -9.75	224.38 18.31 -114.52	276.65 20.78 -145.98	293.88 22.44 -149.49	298.45 23.93 -143.05	386.11 27.68 -195.61	473.07 30.74 -257.20	421.93 34.95 -181.38	352.28 31.88 -137.15	275.84 20.54 -133.00	267.84 14.96 -160.01	92.81 12.86 -6.04	76.97 10.39 -2.40
SPIERFLS_115KV_TB 1 80737	73.68 4.82 0.00	69.36 4.42 0.00	64.61 3.89 0.00	59.65 3.16 0.00	59.23 3.03 0.00	60.58 3.43 0.00	60.91 3.39 0.00	67.26 3.93 0.00	71.68 4.25 0.00	75.98 4.44 0.00	76.40 4.32 -0.01	81.02 5.02 0.00	103.72 5.95 -6.22	130.20 7.14 -13.16	168.52 7.81 -38.76	195.82 7.89 -56.47	240.09 10.58 -66.69	292.97 12.40 -95.44	355.38 15.83 -133.96	248.27 14.66 -50.36	197.97 10.27 -65.39	121.12 7.80 -20.45	79.22 5.32 0.00	68.08 3.91 0.00
ST LAWRENCE____ 23600	67.28 -1.58 0.00	63.51 -1.43 0.00	59.51 -1.21 0.00	55.47 -1.02 0.00	55.57 -0.62 0.00	56.13 -1.03 0.00	56.54 -0.98 0.00	62.13 -1.21 0.00	66.15 -1.28 0.00	70.04 -1.51 0.00	69.97 -2.09 0.00	73.03 -2.97 0.00	87.71 -3.84 0.00	105.06 -4.83 0.00	116.72 -5.24 0.00	129.35 -5.91 -3.80	155.50 -7.32 0.00	176.99 -8.14 0.00	196.76 -8.83 0.00	175.19 -8.06 0.00	116.92 -5.38 0.00	88.97 -3.90 0.00	71.54 -2.37 0.00	62.76 -1.41 0.00



STATE_CA_115KV_115_LB 55624	70.79 1.93 0.00	66.83 1.88 0.00	62.61 1.88 0.00	58.18 1.69 0.00	57.76 1.57 0.00	58.81 1.66 0.00	59.30 1.78 0.00	65.23 1.90 0.00	69.45 2.02 0.00	73.55 2.00 0.00	74.73 2.67 0.00	78.96 2.96 0.00	97.52 3.84 -2.13	119.35 4.95 -4.51	148.99 5.61 -21.42	172.69 5.92 -35.30	213.29 7.49 -42.98	261.71 8.70 -67.88	295.40 9.25 -80.56	215.65 7.70 -24.70	166.74 5.01 -39.43	109.32 3.71 -12.73	76.19 2.29 0.00	65.96 1.80 0.00
STATE_ST_34_KV_LOAD 55959	69.76 0.90 0.00	65.53 0.58 0.00	60.85 0.12 0.00	56.54 0.06 0.00	56.02 -0.17 0.00	57.16 0.00 0.00	57.52 0.00 0.00	63.59 0.25 0.00	67.83 0.40 0.00	72.12 0.57 0.00	73.07 1.01 0.00	77.37 1.37 0.00	93.10 1.56 0.00	111.65 1.76 0.00	124.71 1.46 -1.29	135.30 1.97 -1.86	168.29 2.28 -3.19	193.67 2.96 -5.58	211.91 3.50 -2.82	188.07 4.21 -0.61	126.86 3.18 -1.38	95.75 2.41 -0.47	75.60 1.70 0.00	65.00 0.83 0.00
STATION_5_MISC_HYD 23604	70.03 1.17 0.00	65.59 0.65 0.00	60.36 -0.36 0.00	55.98 -0.51 0.00	55.29 -0.90 0.00	56.47 -0.68 0.00	56.42 -1.09 0.00	62.07 -1.27 0.00	66.22 -1.21 0.00	70.90 -0.65 0.00	71.85 -0.22 0.00	76.68 0.68 0.00	92.01 0.46 0.00	109.90 0.00 0.00	122.22 -0.98 -1.24	132.70 -1.19 -2.43	164.09 -1.79 -3.06	188.63 -1.85 -5.35	202.10 -3.50 0.00	182.52 -0.73 0.00	122.91 0.61 0.00	93.15 0.28 0.00	74.72 0.81 0.00	64.17 0.00 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	69.69 0.83 0.00	65.33 0.39 0.00	60.36 -0.36 0.00	56.03 -0.45 0.00	55.40 -0.79 0.00	56.47 -0.69 0.00	56.77 -0.75 0.00	62.64 -0.70 0.00	66.76 -0.67 0.00	71.33 -0.21 0.00	72.28 0.22 0.00	76.84 0.84 0.00	92.28 0.73 0.00	110.56 0.66 0.00	122.97 -0.24 -1.25	133.92 0.00 -2.45	165.43 -0.49 -3.10	190.36 -0.19 -5.41	207.46 -0.82 -2.69	184.74 0.92 -0.58	124.96 1.35 -1.32	94.43 1.11 -0.44	74.94 1.03 0.00	64.36 0.19 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	69.55 0.69 0.00	65.14 0.19 0.00	60.00 -0.73 0.00	55.70 -0.79 0.00	55.01 -1.18 0.00	56.07 -1.09 0.00	56.19 -1.32 0.00	61.88 -1.46 0.00	66.01 -1.42 0.00	70.69 -0.86 0.00	71.63 -0.43 0.00	76.38 0.38 0.00	91.64 0.09 0.00	109.90 0.00 0.00	121.97 -1.22 -1.23	132.82 -1.05 -2.40	163.90 -1.95 -3.03	188.40 -2.04 -5.30	202.10 -3.50 0.00	181.97 -1.28 0.00	122.42 0.12 0.00	92.87 0.00 0.00	74.35 0.44 0.00	63.85 -0.32 0.00
STA_56___34_KV_BUS2 355983	69.55 0.69 0.00	65.14 0.19 0.00	60.00 -0.73 0.00	55.70 -0.79 0.00	55.01 -1.18 0.00	56.07 -1.09 0.00	56.19 -1.32 0.00	61.88 -1.46 0.00	66.01 -1.42 0.00	70.69 -0.86 0.00	71.63 -0.43 0.00	76.38 0.38 0.00	91.64 0.09 0.00	109.90 0.00 0.00	121.97 -1.22 -1.23	132.82 -1.05 -2.40	163.90 -1.95 -3.03	188.40 -2.04 -5.30	202.10 -3.50 0.00	181.97 -1.28 0.00	122.42 0.12 0.00	92.87 0.00 0.00	74.35 0.44 0.00	63.85 -0.32 0.00
STA_67___115KV_BK2 355882	69.76 0.90 0.00	65.40 0.45 0.00	60.18 -0.55 0.00	55.86 -0.62 0.00	55.12 -1.07 0.00	56.18 -0.97 0.00	56.31 -1.21 0.00	61.94 -1.39 0.00	66.08 -1.35 0.00	70.69 -0.86 0.00	71.70 -0.36 0.00	76.46 0.46 0.00	91.64 0.09 0.00	109.90 0.00 0.00	121.85 -1.34 -1.24	132.70 -1.18 -2.42	163.60 -2.28 -3.06	188.07 -2.41 -5.34	201.69 -3.91 0.00	181.97 -1.28 0.00	122.54 0.24 0.00	92.96 0.09 0.00	74.49 0.59 0.00	63.98 -0.19 0.00
STA_7___115KV_9TRANS 80674	70.45 1.58 0.00	65.98 1.04 0.00	60.67 -0.06 0.00	56.32 -0.17 0.00	55.57 -0.62 0.00	56.58 -0.57 0.00	56.71 -0.81 0.00	62.45 -0.89 0.00	66.62 -0.81 0.00	71.33 -0.21 0.00	72.42 0.36 0.00	77.22 1.22 0.00	92.55 1.01 0.00	111.00 1.10 0.00	122.95 -0.24 -1.24	134.02 0.13 -2.43	165.23 -0.65 -3.06	189.92 -0.56 -5.35	203.74 -1.85 0.00	183.62 0.37 0.00	123.52 1.22 0.00	93.80 0.93 0.00	75.23 1.33 0.00	64.55 0.39 0.00
STA_82___115KV_TB1 80780	69.76 0.90 0.00	65.40 0.45 0.00	60.18 -0.55 0.00	55.86 -0.62 0.00	55.12 -1.07 0.00	56.18 -0.97 0.00	56.31 -1.21 0.00	61.94 -1.39 0.00	66.08 -1.35 0.00	70.69 -0.86 0.00	71.70 -0.36 0.00	76.46 0.46 0.00	91.64 0.09 0.00	109.90 0.00 0.00	121.86 -1.34 -1.24	132.72 -1.18 -2.44	163.78 -2.12 -3.07	188.10 -2.41 -5.37	201.89 -3.70 0.00	181.97 -1.28 0.00	122.54 0.24 0.00	92.96 0.09 0.00	74.49 0.59 0.00	63.98 -0.19 0.00
STEEL___WIND 323596	69.55 0.69 0.00	65.07 0.13 0.00	59.45 -1.28 0.00	55.24 -1.24 0.00	54.22 -1.97 0.00	55.56 -1.60 0.00	55.45 -2.07 0.00	60.68 -2.66 0.00	64.73 -2.70 0.00	69.40 -2.14 0.00	70.41 -1.65 0.00	75.31 -0.69 0.00	90.45 -1.09 0.00	108.13 -1.76 0.00	119.38 -4.27 -1.69	129.92 -4.86 -3.31	160.98 -6.02 -4.18	185.21 -7.22 -7.31	201.33 -8.02 -3.75	180.57 -3.49 -0.81	123.54 -0.61 -1.84	92.56 -0.93 -0.62	73.98 0.07 0.00	63.40 -0.77 0.00
STEPHTWN_115KV_BK_2 55603	71.13 2.27 0.00	67.09 2.14 0.00	62.79 2.06 0.00	58.29 1.81 0.00	57.88 1.69 0.00	58.98 1.83 0.00	59.47 1.96 0.00	65.49 2.15 0.00	69.72 2.29 0.00	73.77 2.22 0.00	74.91 2.88 0.04	79.27 3.27 0.00	66.72 4.12 28.95	53.87 5.17 61.19	19.84 5.98 108.10	16.44 6.31 121.33	39.04 8.14 131.93	62.38 9.63 132.38	62.29 10.28 153.58	58.51 8.61 133.35	54.30 5.63 73.63	79.42 4.18 17.63	76.49 2.59 0.00	66.16 1.99 0.00
STEBEN_REC_LFGE 323667	70.45 1.58 0.00	66.05 1.10 0.00	60.67 -0.06 0.00	56.43 -0.06 0.00	55.74 -0.45 0.00	57.10 -0.06 0.00	57.52 0.00 0.00	63.40 0.06 0.00	67.50 0.07 0.00	71.91 0.36 0.00	72.79 0.72 0.00	77.29 1.29 0.00	92.74 1.19 0.00	111.00 1.10 0.00	123.32 -0.85 -2.21	135.67 -0.13 -4.33	167.96 -0.33 -5.47	194.87 0.19 -9.56	212.53 1.85 -5.08	189.29 4.95 -1.09	129.56 4.77 -2.49	97.43 3.71 -0.84	76.86 2.96 0.00	65.58 1.41 0.00
STILLWATER___SOLAR 323814	73.41 4.54 0.00	69.16 4.22 0.00	64.55 3.83 0.00	59.76 3.27 0.00	59.22 3.03 0.00	60.58 3.43 0.00	60.91 3.39 0.00	67.13 3.80 0.00	71.41 3.98 0.00	75.62 4.08 0.00	76.40 4.32 -0.01	80.94 4.94 0.00	105.05 6.04 -7.46	133.03 7.36 -15.77	173.96 8.17 -43.83	202.57 8.54 -62.56	247.52 11.23 -73.47	301.38 13.15 -103.10	360.76 15.21 -139.95	253.10 13.92 -55.93	200.11 9.55 -68.26	121.23 7.25 -21.11	79.00 5.10 0.00	68.02 3.85 0.00
STONY___BROOK 24151	89.34 7.44 -13.04	87.14 7.08 -15.12	67.00 6.26 -0.02	62.20 5.70 -0.01	61.37 5.17 -0.01	62.71 5.54 -0.01	63.68 6.16 -0.01	75.67 7.03 -5.31	87.11 7.75 -11.93	89.45 8.58 -9.32	82.01 8.14 -1.80	93.96 8.96 -8.99	248.11 11.16 -145.40	306.75 14.18 -182.67	311.66 15.97 -173.73	293.01 18.27 -143.28	381.15 22.48 -195.86	496.62 24.63 -286.87	413.99 26.93 -181.47	343.57 23.09 -137.23	287.64 14.67 -150.68	307.47 10.49 -204.10	88.90 7.54 -7.46	73.68 6.93 -2.58
STURGEON_POOL_HYD 23609	73.13 4.27 0.00	68.97 4.03 0.00	64.43 3.70 0.00	59.82 3.33 0.00	59.39 3.20 0.00	60.41 3.26 0.00	61.08 3.57 0.00	67.32 3.99 0.00	71.75 4.32 0.00	76.41 4.87 0.00	78.26 6.20 0.00	82.78 7.07 0.29	97.95 8.97 2.57	115.91 11.21 5.19	135.41 12.68 -0.77	155.00 14.86 -8.68	191.48 18.24 -10.42	230.36 19.99 -25.24	230.99 21.59 -3.81	195.39 18.32 6.18	138.38 11.62 -4.46	103.21 8.27 -2.07	79.57 5.76 0.10	68.47 4.30 0.00



ST_LAW_115_BK7_LBMP 345037	67.21 -1.65 0.00	63.45 -1.49 0.00	59.45 -1.28 0.00	55.47 -1.02 0.00	55.52 -0.67 0.00	56.07 -1.09 0.00	56.48 -1.03 0.00	62.13 -1.21 0.00	66.08 -1.35 0.00	69.97 -1.57 0.00	69.83 -2.23 0.00	72.81 -3.19 0.00	87.34 -4.21 0.00	104.51 -5.38 0.00	116.11 -5.85 0.00	129.67 -6.44 -4.64	154.68 -8.14 0.00	176.25 -8.88 0.00	195.94 -9.66 0.00	174.46 -8.79 0.00	116.43 -5.87 0.00	88.69 -4.18 0.00	71.47 -2.44 0.00	62.69 -1.47 0.00
ST_LAW_115_BK8_LBMP 345038	67.21 -1.65 0.00	63.45 -1.49 0.00	59.45 -1.28 0.00	55.47 -1.02 0.00	55.52 -0.67 0.00	56.07 -1.09 0.00	56.48 -1.03 0.00	62.13 -1.21 0.00	66.08 -1.35 0.00	69.97 -1.57 0.00	69.83 -2.23 0.00	72.81 -3.19 0.00	87.34 -4.21 0.00	104.51 -5.38 0.00	116.11 -5.85 0.00	129.67 -6.44 -4.64	154.68 -8.14 0.00	176.25 -8.88 0.00	195.94 -9.66 0.00	174.46 -8.79 0.00	116.43 -5.87 0.00	88.69 -4.18 0.00	71.47 -2.44 0.00	62.69 -1.47 0.00
ST_LAW_230_BK5_LBMP 345035	67.28 -1.58 0.00	63.51 -1.43 0.00	59.51 -1.21 0.00	55.47 -1.02 0.00	55.57 -0.62 0.00	56.13 -1.03 0.00	56.54 -0.98 0.00	62.13 -1.21 0.00	66.15 -1.28 0.00	70.04 -1.51 0.00	69.97 -2.09 0.00	73.03 -2.97 0.00	87.71 -3.84 0.00	105.06 -4.83 0.00	116.72 -5.24 0.00	128.24 -5.91 -2.69	155.50 -7.32 0.00	176.99 -8.14 0.00	196.76 -8.83 0.00	175.19 -8.06 0.00	116.92 -5.38 0.00	88.97 -3.90 0.00	71.54 -2.37 0.00	62.76 -1.41 0.00
ST_LAW_230_BK6_LBMP 345036	67.28 -1.58 0.00	63.51 -1.43 0.00	59.51 -1.21 0.00	55.47 -1.02 0.00	55.57 -0.62 0.00	56.13 -1.03 0.00	56.54 -0.98 0.00	62.13 -1.21 0.00	66.15 -1.28 0.00	70.04 -1.51 0.00	69.97 -2.09 0.00	73.03 -2.97 0.00	87.71 -3.84 0.00	105.06 -4.83 0.00	116.72 -5.24 0.00	128.24 -5.91 -2.69	155.50 -7.32 0.00	176.99 -8.14 0.00	196.76 -8.83 0.00	175.19 -8.06 0.00	116.92 -5.38 0.00	88.97 -3.90 0.00	71.54 -2.37 0.00	62.76 -1.41 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	72.58 3.72 0.00	68.51 3.57 0.00	63.94 3.22 0.00	59.37 2.88 0.00	58.94 2.75 0.00	60.01 2.86 0.00	60.79 3.28 0.00	66.94 3.61 0.00	71.41 3.98 0.00	76.05 4.51 0.00	77.62 5.55 0.00	82.08 6.08 0.00	100.67 7.78 -1.34	122.52 9.78 -2.84	148.29 11.22 -15.12	170.15 13.28 -25.41	210.01 16.12 -31.07	252.64 17.77 -49.74	254.68 19.33 -29.76	210.61 16.31 -11.06	147.10 10.27 -14.53	104.58 7.15 -4.55	78.71 4.80 0.00	67.89 3.72 0.00
SWANROAD_115KV_TB1 355699	68.24 -0.62 0.00	63.97 -0.97 0.00	57.81 -2.91 0.00	53.72 -2.77 0.00	52.76 -3.43 0.00	54.53 -2.63 0.00	53.89 -3.62 0.00	58.65 -4.69 0.00	62.51 -4.92 0.00	67.04 -4.51 0.00	67.96 -4.11 0.00	72.73 -3.27 0.00	86.97 -4.58 0.00	104.40 -5.49 0.00	114.60 -8.90 -1.55	125.03 -9.47 -3.03	153.95 -12.70 -3.83	177.19 -14.63 -6.69	191.93 -17.06 -3.40	172.80 -11.18 -0.73	118.10 -5.87 -1.67	89.07 -4.36 -0.56	71.46 -2.44 0.00	61.60 -2.57 0.00
SYNERGY___BIOGAS 323694	70.93 2.07 0.00	66.37 1.43 0.00	60.42 -0.30 0.00	56.09 -0.40 0.00	55.18 -1.01 0.00	56.53 -0.63 0.00	56.25 -1.27 0.00	61.62 -1.71 0.00	65.68 -1.75 0.00	70.40 -1.14 0.00	71.34 -0.72 0.00	76.30 0.30 0.00	89.90 -1.65 0.00	107.92 -1.98 0.00	118.88 -4.51 -1.43	129.80 -4.47 -2.81	159.85 -6.51 -3.54	184.29 -7.03 -6.19	200.08 -8.63 -3.12	179.52 -4.40 -0.67	122.37 -1.47 -1.53	92.27 -1.11 -0.52	75.01 1.11 0.00	64.36 0.19 0.00
SYRACUSE___ENERGY_ST1 323597	68.86 0.00 0.00	64.68 -0.26 0.00	60.24 -0.49 0.00	55.92 -0.56 0.00	55.52 -0.67 0.00	56.53 -0.63 0.00	56.94 -0.58 0.00	62.89 -0.44 0.00	67.03 -0.40 0.00	71.33 -0.21 0.00	72.14 0.07 0.00	76.38 0.38 0.00	91.91 0.37 0.00	110.34 0.44 0.00	123.11 0.12 -1.04	133.07 0.39 -1.21	165.70 0.33 -2.56	189.97 0.37 -4.47	206.01 0.41 0.00	184.17 0.92 0.00	123.16 0.86 0.00	93.62 0.74 0.00	74.27 0.37 0.00	64.04 -0.13 0.00
SYRACUSE___ENERGY_ST2 323598	68.86 0.00 0.00	64.68 -0.26 0.00	60.24 -0.49 0.00	55.92 -0.56 0.00	55.52 -0.67 0.00	56.53 -0.63 0.00	56.94 -0.58 0.00	62.89 -0.44 0.00	67.03 -0.40 0.00	71.33 -0.21 0.00	72.14 0.07 0.00	76.38 0.38 0.00	91.91 0.37 0.00	110.34 0.44 0.00	123.11 0.12 -1.04	133.07 0.39 -1.21	165.70 0.33 -2.56	189.97 0.37 -4.47	206.01 0.41 0.00	184.17 0.92 0.00	123.16 0.86 0.00	93.62 0.74 0.00	74.27 0.37 0.00	64.04 -0.13 0.00
SYRACUSE___POWER 24017	69.00 0.14 0.00	64.88 -0.06 0.00	60.42 -0.30 0.00	56.09 -0.40 0.00	55.69 -0.51 0.00	56.76 -0.40 0.00	57.17 -0.35 0.00	63.14 -0.19 0.00	67.30 -0.13 0.00	71.62 0.07 0.00	72.50 0.43 0.00	76.76 0.76 0.00	92.37 0.82 0.00	110.89 0.99 0.00	123.89 0.85 -1.08	133.77 1.05 -1.25	166.79 1.30 -2.66	191.26 1.48 -4.65	207.03 1.44 0.00	185.27 2.02 0.00	123.89 1.59 0.00	94.08 1.21 0.00	74.64 0.74 0.00	64.30 0.13 0.00
TALLMAN_138KV_BK151 55660	72.99 4.13 0.00	68.97 4.03 0.00	64.25 3.52 0.00	59.71 3.22 0.00	59.28 3.09 0.00	60.30 3.14 0.00	61.20 3.68 0.00	67.39 4.05 0.00	71.95 4.52 0.00	76.70 5.15 0.00	78.34 6.27 0.00	82.76 6.76 0.00	101.70 8.70 -1.46	123.97 10.99 -3.08	150.50 12.68 -15.86	172.96 14.99 -26.50	213.42 18.24 -32.37	256.57 19.81 -51.63	258.32 21.59 -31.14	213.14 18.14 -11.74	148.87 11.37 -15.20	105.42 7.80 -4.75	79.15 5.25 0.00	68.27 4.11 0.00
TEALLAVE_115KV_TB7 355573	68.79 -0.07 0.00	64.68 -0.26 0.00	60.24 -0.49 0.00	55.98 -0.51 0.00	55.52 -0.67 0.00	56.58 -0.57 0.00	57.00 -0.52 0.00	62.95 -0.38 0.00	67.16 -0.27 0.00	71.40 -0.14 0.00	72.28 0.22 0.00	76.61 0.61 0.00	92.19 0.64 0.00	110.67 0.77 0.00	123.34 0.49 -0.90	133.03 0.79 -0.78	165.69 0.65 -2.22	189.75 0.74 -3.88	206.21 0.62 0.00	184.53 1.28 0.00	123.40 1.10 0.00	93.71 0.84 0.00	74.35 0.44 0.00	64.10 -0.06 0.00
TELGRAPH_34_KV_EAST 80808	69.55 0.69 0.00	65.20 0.26 0.00	59.21 -1.52 0.00	55.02 -1.47 0.00	54.06 -2.14 0.00	55.50 -1.66 0.00	55.16 -2.36 0.00	60.29 -3.04 0.00	64.26 -3.17 0.00	68.90 -2.65 0.00	69.83 -2.23 0.00	74.71 -1.29 0.00	89.08 -2.47 0.00	106.93 -2.97 0.00	117.58 -5.85 -1.48	128.45 -5.92 -2.90	158.01 -8.47 -3.66	181.89 -9.63 -6.39	197.32 -11.51 -3.24	177.35 -6.60 -0.70	121.08 -2.81 -1.59	91.27 -2.14 -0.53	73.31 -0.59 0.00	63.01 -1.16 0.00
TEMPLE___115KV_TB 2 55572	68.86 0.00 0.00	64.75 -0.19 0.00	60.30 -0.43 0.00	55.98 -0.51 0.00	55.57 -0.62 0.00	56.64 -0.51 0.00	57.05 -0.46 0.00	62.95 -0.38 0.00	67.16 -0.27 0.00	71.48 -0.07 0.00	72.35 0.29 0.00	76.68 0.68 0.00	92.28 0.73 0.00	110.78 0.88 0.00	123.48 0.61 -0.91	133.21 0.92 -0.83	166.05 0.98 -2.25	189.99 0.93 -3.93	206.42 0.82 0.00	184.72 1.47 0.00	123.52 1.22 0.00	93.80 0.93 0.00	74.42 0.52 0.00	64.17 0.00 0.00
TIANA___69_KV_BK 1 55817	89.80 7.99 -12.95	87.47 7.40 -15.12	67.30 6.56 -0.02	62.42 5.93 0.00	61.87 5.68 0.00	62.93 5.77 0.00	64.07 6.56 0.00	76.12 7.47 -5.31	87.72 8.36 -11.93	90.46 9.59 -9.32	83.67 9.87 -1.73	96.54 10.79 -9.75	219.82 13.73 -114.54	273.16 17.25 -146.01	290.74 19.27 -149.52	295.82 21.30 -143.06	384.00 25.56 -195.61	470.71 28.32 -257.25	418.23 31.25 -181.38	348.07 27.67 -137.15	273.29 17.98 -133.01	266.01 13.09 -160.04	89.56 9.61 -6.05	74.40 7.83 -2.40



TILDEN___115KV_TB1 80814	69.00 0.14 0.00	64.88 -0.06 0.00	60.42 -0.30 0.00	56.09 -0.40 0.00	55.69 -0.51 0.00	56.76 -0.40 0.00	57.17 -0.35 0.00	63.14 -0.19 0.00	67.30 -0.13 0.00	71.62 0.07 0.00	72.50 0.43 0.00	76.76 0.76 0.00	92.37 0.82 0.00	110.89 0.99 0.00	123.89 0.85 -1.08	133.77 1.05 -1.25	166.79 1.30 -2.66	191.26 1.48 -4.65	207.03 1.44 0.00	185.27 2.02 0.00	123.89 1.59 0.00	94.08 1.21 0.00	74.64 0.74 0.00	64.30 0.13 0.00
TRIGEN___CC 323695	103.17 5.78 -28.52	85.74 5.65 -15.15	65.78 5.04 -0.02	61.17 4.69 0.00	60.69 4.50 0.00	61.73 4.57 0.00	62.63 5.12 0.00	74.22 5.57 -5.31	85.43 6.07 -11.93	87.67 6.80 -9.32	93.31 7.71 -13.54	115.77 8.21 -31.56	128.11 10.34 -26.22	165.96 12.86 -43.20	291.24 14.88 -154.41	328.86 17.35 -180.04	419.82 21.17 -235.83	484.78 23.14 -276.51	423.66 25.08 -192.98	352.12 21.44 -147.44	211.08 13.33 -75.45	108.69 9.38 -6.44	90.29 6.80 -9.59	82.61 5.58 -12.86
TRINITY___115KV___4 BK 55933	70.38 1.51 0.00	66.44 1.49 0.00	62.30 1.58 0.00	57.90 1.41 0.00	57.48 1.29 0.00	58.53 1.37 0.00	59.01 1.50 0.00	64.92 1.58 0.00	69.12 1.69 0.00	73.12 1.57 0.00	74.22 2.16 0.01	78.43 2.43 0.00	88.44 3.20 6.32	100.72 4.18 13.35	112.99 4.88 13.85	129.19 5.13 7.40	164.60 6.51 4.73	205.88 7.59 -13.16	224.91 8.02 -11.30	170.38 6.60 19.47	132.52 4.28 -5.94	99.58 3.16 -3.55	75.75 1.85 0.00	65.58 1.41 0.00
UNION___PROCESSING_DRP 323587	69.83 0.96 0.00	65.40 0.45 0.00	60.18 -0.55 0.00	55.86 -0.62 0.00	55.18 -1.01 0.00	56.24 -0.91 0.00	56.36 -1.15 0.00	61.94 -1.39 0.00	66.08 -1.35 0.00	70.76 -0.79 0.00	71.70 -0.36 0.00	76.46 0.46 0.00	91.73 0.18 0.00	109.90 0.00 0.00	121.86 -1.34 -1.25	132.72 -1.18 -2.44	163.78 -2.12 -3.08	188.29 -2.22 -5.38	201.89 -3.70 0.00	181.97 -1.28 0.00	122.54 0.24 0.00	92.96 0.09 0.00	74.57 0.67 0.00	63.98 -0.19 0.00
UPPER HUDSON___HYD 24058	73.68 4.82 0.00	69.36 4.42 0.00	64.62 3.89 0.00	59.65 3.16 0.00	59.17 2.98 0.00	60.58 3.43 0.00	60.91 3.39 0.00	67.26 3.93 0.00	71.68 4.25 0.00	75.91 4.36 0.00	76.32 4.25 -0.01	81.01 5.01 0.00	103.72 5.95 -6.22	130.19 7.14 -13.16	168.52 7.81 -38.76	195.69 7.75 -56.47	240.09 10.58 -66.69	292.98 12.41 -95.44	355.38 15.83 -133.96	248.28 14.67 -50.36	197.97 10.27 -65.39	121.13 7.80 -20.45	79.30 5.39 0.00	68.08 3.91 0.00
UPPER RAQUET___HYD 24056	67.21 -1.65 0.00	63.32 -1.62 0.00	59.39 -1.34 0.00	55.41 -1.07 0.00	55.57 -0.62 0.00	56.24 -0.92 0.00	56.65 -0.86 0.00	62.32 -1.02 0.00	66.28 -1.15 0.00	70.12 -1.43 0.00	69.83 -2.23 0.00	71.21 -4.79 0.00	84.77 -6.77 0.00	100.89 -9.01 0.00	112.20 -9.76 0.00	86.15 -11.31 34.00	148.82 -14.00 0.00	169.95 -15.18 0.00	189.56 -16.04 0.00	168.96 -14.29 0.00	112.76 -9.54 0.00	86.74 -6.13 0.00	71.09 -2.81 0.00	62.50 -1.67 0.00
VALLEY44_115KV_TB2 355964	67.83 -1.03 0.00	63.77 -1.17 0.00	58.24 -2.49 0.00	54.11 -2.37 0.00	53.33 -2.87 0.00	54.53 -2.63 0.00	54.87 -2.65 0.00	60.23 -3.10 0.00	64.26 -3.17 0.00	68.90 -2.65 0.00	69.90 -2.16 0.00	74.48 -1.52 0.00	89.44 -2.11 0.00	107.59 -2.31 0.00	118.48 -5.37 -1.89	130.16 -5.00 -3.69	161.13 -6.35 -4.66	185.31 -7.96 -8.14	203.66 -6.17 -4.23	181.96 -2.20 -0.91	124.25 -0.12 -2.08	93.11 -0.46 -0.70	73.24 -0.67 0.00	62.50 -1.67 0.00
VALLEY___115KV_TB 1-4 80826	70.45 1.58 0.00	66.37 1.43 0.00	62.06 1.34 0.00	57.67 1.19 0.00	57.37 1.18 0.00	58.53 1.37 0.00	58.95 1.44 0.00	65.04 1.71 0.00	69.32 1.89 0.00	73.62 2.07 0.00	74.30 2.23 0.00	78.51 2.51 0.00	94.48 2.93 0.00	113.41 3.52 0.00	125.98 4.02 0.00	134.97 4.21 0.70	167.87 5.05 0.00	190.68 5.55 0.00	212.17 6.58 0.00	188.93 5.68 0.00	126.09 3.79 0.00	95.84 2.97 0.00	76.19 2.29 0.00	65.84 1.67 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	72.51 3.65 0.00	68.32 3.38 0.00	63.94 3.22 0.00	59.37 2.88 0.00	58.89 2.70 0.00	60.18 3.03 0.00	60.45 2.93 0.00	66.69 3.36 0.00	71.07 3.64 0.00	75.63 4.08 0.00	76.46 4.40 0.00	81.02 5.02 0.00	97.50 5.95 0.00	117.15 7.25 0.00	134.40 8.05 -4.40	148.88 8.81 -8.61	184.59 10.91 -10.86	216.34 12.22 -18.99	238.32 14.60 -18.13	200.15 13.01 -3.89	139.88 8.68 -8.90	102.46 6.59 -2.99	78.56 4.66 0.00	67.50 3.34 0.00
VISCHER___FERRY HYD 24020	72.03 3.17 0.00	68.00 3.05 0.00	63.58 2.85 0.00	59.03 2.54 0.00	58.50 2.30 0.00	59.73 2.57 0.00	60.16 2.65 0.00	66.31 2.98 0.00	70.60 3.17 0.00	74.69 3.14 0.00	75.68 3.60 -0.02	80.10 4.10 0.00	108.18 5.12 -11.51	140.71 6.48 -24.33	189.78 7.32 -60.51	221.80 7.75 -82.58	268.51 9.93 -95.76	324.93 11.48 -128.32	377.47 12.75 -159.12	268.52 11.18 -74.10	207.18 7.46 -77.42	121.64 5.57 -23.19	77.67 3.77 0.00	66.99 2.82 0.00
V_A_10_SYNC_DSASP 323832	68.72 -0.14 0.00	64.49 -0.45 0.00	59.09 -1.64 0.00	54.85 -1.64 0.00	54.06 -2.14 0.00	55.15 -2.00 0.00	55.10 -2.42 0.00	60.36 -2.98 0.00	64.26 -3.17 0.00	68.90 -2.65 0.00	69.83 -2.23 0.00	74.63 -1.37 0.00	89.26 -2.29 0.00	107.15 -2.75 0.00	118.47 -4.88 -1.39	129.06 -5.13 -2.73	158.93 -7.33 -3.44	182.81 -8.33 -6.01	198.13 -10.49 -3.02	177.85 -6.05 -0.65	121.21 -2.57 -1.48	91.33 -2.04 -0.50	72.94 -0.96 0.00	62.69 -1.48 0.00
V_CMM_10_SYNC_DSASP 323787	67.62 -1.24 0.00	63.78 -1.17 0.00	59.82 -0.91 0.00	55.75 -0.74 0.00	55.86 -0.34 0.00	56.35 -0.80 0.00	56.77 -0.75 0.00	62.45 -0.89 0.00	66.49 -0.94 0.00	70.33 -1.22 0.00	70.27 -1.80 0.00	73.27 -2.73 0.00	87.79 -3.76 0.00	105.06 -4.83 0.00	116.72 -5.24 0.00	130.20 -5.91 -4.64	155.33 -7.49 0.00	177.17 -7.96 0.00	196.76 -8.83 0.00	175.37 -7.87 0.00	116.92 -5.38 0.00	89.06 -3.81 0.00	71.83 -2.07 0.00	63.08 -1.09 0.00
V_CMP_10_SYNC_DSASP 323788	66.59 -2.27 0.00	62.28 -2.67 0.00	58.48 -2.25 0.00	55.08 -1.41 0.00	55.29 -0.90 0.00	55.44 -1.71 0.00	56.37 -1.15 0.00	61.63 -1.71 0.00	65.61 -1.82 0.00	69.47 -2.08 0.00	69.40 -2.66 0.00	72.43 -3.57 0.00	86.78 -4.76 0.00	103.74 -6.15 0.00	115.01 -6.95 0.00	123.71 -7.76 0.00	152.88 -9.94 0.00	174.39 -10.74 0.00	193.88 -11.71 0.00	172.81 -10.44 0.00	115.20 -7.10 0.00	87.67 -5.20 0.00	70.87 -3.03 0.00	62.18 -1.99 0.00
V_D_10_SYNC_DSASP 323841	67.83 -1.03 0.00	64.03 -0.91 0.00	60.00 -0.73 0.00	55.98 -0.51 0.00	56.08 -0.11 0.00	56.58 -0.57 0.00	57.00 -0.52 0.00	62.70 -0.63 0.00	66.69 -0.74 0.00	70.62 -0.93 0.00	70.48 -1.59 0.00	72.81 -3.19 0.00	87.15 -4.39 0.00	104.07 -5.83 0.00	115.61 -6.35 0.00	132.04 -7.10 -7.68	153.87 -8.95 0.00	175.50 -9.63 0.00	195.12 -10.48 0.00	173.91 -9.34 0.00	116.07 -6.23 0.00	88.51 -4.36 0.00	72.13 -1.77 0.00	63.33 -0.84 0.00
V_E_10_SYNC_DSASP 323830	75.33 6.47 0.00	70.53 5.59 0.00	65.52 4.80 0.00	60.78 4.29 0.00	60.18 3.99 0.00	62.07 4.92 0.00	62.23 4.72 0.00	68.97 5.63 0.00	73.43 6.00 0.00	77.99 6.44 0.00	78.04 5.98 0.00	83.14 7.14 0.00	99.51 7.96 0.00	119.23 9.34 0.00	135.35 10.25 -3.14	149.19 11.57 -6.15	186.22 15.63 -7.76	217.39 18.69 -13.57	239.30 24.04 -9.66	208.23 22.90 -2.08	142.83 15.78 -4.74	106.53 12.07 -1.59	82.55 8.64 0.00	70.33 6.16 0.00



V_F_30_NSYNC___DSASP 323816	73.55 4.68 0.00	69.29 4.35 0.00	64.62 3.89 0.00	59.82 3.33 0.00	59.28 3.09 0.00	60.64 3.49 0.00	60.97 3.45 0.00	67.20 3.86 0.00	71.54 4.11 0.00	75.77 4.22 0.00	76.62 4.54 -0.01	81.17 5.17 0.00	104.77 6.31 -6.91	132.19 7.69 -14.60	172.05 8.53 -41.56	200.11 8.81 -59.83	244.82 11.56 -70.43	298.14 13.34 -99.67	358.48 15.62 -137.27	250.99 14.30 -53.44	198.94 9.66 -66.98	121.02 7.34 -20.82	79.07 5.17 0.00	68.08 3.91 0.00
V_F_30_SYNC_DSASP 323786	70.79 1.93 0.00	66.83 1.88 0.00	62.61 1.88 0.00	58.18 1.69 0.00	57.76 1.57 0.00	58.81 1.66 0.00	59.24 1.73 0.00	65.23 1.90 0.00	69.45 2.02 0.00	73.55 2.00 0.00	74.66 2.59 0.00	78.96 2.96 0.00	96.82 3.84 -1.43	117.86 4.95 -3.02	146.06 5.61 -18.49	169.13 5.92 -31.75	209.32 7.49 -39.01	257.15 8.70 -63.32	289.65 9.25 -74.80	211.97 7.70 -21.03	163.84 4.89 -36.64	108.55 3.71 -11.97	76.12 2.22 0.00	65.90 1.73 0.00
V_XM_10_SYNC_DSASP 323789	66.59 -2.27 0.00	62.28 -2.67 0.00	58.48 -2.25 0.00	55.08 -1.41 0.00	55.29 -0.90 0.00	55.44 -1.71 0.00	56.37 -1.15 0.00	61.63 -1.71 0.00	65.61 -1.82 0.00	69.47 -2.08 0.00	69.40 -2.66 0.00	72.43 -3.57 0.00	86.78 -4.76 0.00	103.74 -6.15 0.00	115.01 -6.95 0.00	123.71 -7.76 0.00	152.88 -9.94 0.00	174.39 -10.74 0.00	193.88 -11.71 0.00	172.81 -10.44 0.00	115.20 -7.10 0.00	87.67 -5.20 0.00	70.87 -3.03 0.00	62.18 -1.99 0.00
W.BABYLN_69_KV_BK1 56697	92.57 7.85 -15.86	87.67 7.60 -15.13	67.54 6.80 -0.02	62.64 6.16 0.00	62.15 5.96 0.00	63.16 6.00 0.00	64.24 6.73 0.00	76.12 7.47 -5.31	87.52 8.16 -11.93	89.74 8.87 -9.32	85.11 9.15 -3.90	99.47 9.80 -13.66	126.35 12.18 -22.63	162.72 15.28 -37.55	272.00 17.44 -132.60	301.44 20.25 -149.73	390.41 24.75 -202.84	458.50 27.40 -245.97	418.97 30.02 -183.36	348.17 26.02 -138.90	217.82 16.39 -79.13	128.19 11.52 -23.81	85.79 8.50 -3.39	75.49 7.32 -4.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	73.20 4.34 0.00	69.16 4.22 0.00	64.43 3.70 0.00	59.88 3.39 0.00	59.39 3.20 0.00	60.47 3.31 0.00	61.37 3.85 0.00	67.58 4.24 0.00	72.15 4.72 0.00	76.91 5.37 0.00	78.55 6.49 0.00	83.14 7.14 0.00	102.10 9.06 -1.49	124.48 11.43 -3.15	151.20 13.17 -16.07	173.80 15.51 -26.82	214.46 18.89 -32.75	257.85 20.55 -52.17	259.55 22.41 -31.55	214.07 18.87 -11.95	149.44 11.74 -15.40	105.85 8.17 -4.81	79.37 5.47 0.00	68.53 4.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	73.96 5.10 0.00	69.94 5.00 0.00	65.22 4.49 0.00	60.61 4.12 0.00	60.18 3.99 0.00	61.16 4.00 0.00	62.17 4.66 0.00	68.46 5.13 0.00	73.03 5.60 0.00	77.99 6.44 0.00	79.63 7.57 0.00	84.13 8.13 0.00	103.42 10.25 -1.62	126.28 12.97 -3.42	153.99 15.12 -16.91	177.29 17.75 -28.08	218.38 21.33 -34.23	262.43 22.96 -54.34	263.40 24.67 -33.14	216.87 20.89 -12.73	151.07 12.60 -16.17	106.55 8.64 -5.04	79.96 6.06 0.00	69.17 5.01 0.00
W50THST__13_KV_LOAD 356117	74.51 5.65 0.00	70.46 5.52 0.00	65.64 4.92 0.00	61.00 4.52 0.00	60.57 4.38 0.00	61.61 4.46 0.00	62.69 5.18 0.00	69.03 5.70 0.00	73.63 6.20 0.00	78.70 7.15 0.00	78.68 8.22 1.60	84.69 8.97 0.28	102.07 11.17 0.65	125.30 14.07 -1.34	155.34 16.46 -16.91	176.76 19.06 -26.23	220.34 23.28 -34.23	262.01 24.81 -52.07	263.57 26.52 -31.46	218.52 22.54 -12.73	152.17 13.70 -16.17	107.05 9.29 -4.89	80.55 6.65 0.00	69.69 5.52 0.00
WADING RIVER_IC_1 23522	88.55 6.75 -12.94	86.36 6.30 -15.12	66.33 5.58 -0.02	61.52 5.03 -0.01	60.70 4.50 -0.01	62.02 4.86 -0.01	63.05 5.52 -0.01	75.04 6.39 -5.31	86.44 7.08 -11.93	88.81 7.94 -9.32	81.58 7.79 -1.73	94.46 8.74 -9.72	217.00 11.26 -114.19	270.43 14.94 -145.59	287.80 16.84 -149.01	292.76 18.27 -143.03	380.72 22.31 -195.59	466.35 24.63 -256.59	414.10 27.14 -181.37	344.04 23.65 -137.15	270.90 15.78 -132.82	264.04 11.61 -159.56	88.28 8.35 -6.03	73.04 6.48 -2.39
WADING RIVER_IC_2 23547	88.55 6.75 -12.94	86.36 6.30 -15.12	66.33 5.58 -0.02	61.52 5.03 -0.01	60.70 4.50 -0.01	62.02 4.86 -0.01	63.05 5.52 -0.01	75.04 6.39 -5.31	86.44 7.08 -11.93	88.81 7.94 -9.32	81.58 7.79 -1.73	94.46 8.74 -9.72	217.00 11.26 -114.19	270.43 14.94 -145.59	287.80 16.84 -149.01	292.76 18.27 -143.03	380.72 22.31 -195.59	466.35 24.63 -256.59	414.10 27.14 -181.37	344.04 23.65 -137.15	270.90 15.78 -132.82	264.04 11.61 -159.56	88.28 8.35 -6.03	73.04 6.48 -2.39
WADING RIVER_IC_3 23601	88.55 6.75 -12.94	86.36 6.30 -15.12	66.33 5.58 -0.02	61.52 5.03 -0.01	60.70 4.50 -0.01	62.02 4.86 -0.01	63.05 5.52 -0.01	75.04 6.39 -5.31	86.44 7.08 -11.93	88.81 7.94 -9.32	81.58 7.79 -1.73	94.46 8.74 -9.72	217.00 11.26 -114.19	270.43 14.94 -145.59	287.80 16.84 -149.01	292.76 18.27 -143.03	380.72 22.31 -195.59	466.35 24.63 -256.59	414.10 27.14 -181.37	344.04 23.65 -137.15	270.90 15.78 -132.82	264.04 11.61 -159.56	88.28 8.35 -6.03	73.04 6.48 -2.39
WALDENNY_12_KV_BK2 80841	69.55 0.69 0.00	65.20 0.26 0.00	59.45 -1.28 0.00	55.24 -1.24 0.00	54.28 -1.91 0.00	55.55 -1.60 0.00	55.44 -2.07 0.00	60.74 -2.60 0.00	64.80 -2.63 0.00	69.62 -1.93 0.00	70.62 -1.44 0.00	75.47 -0.53 0.00	90.45 -1.10 0.00	108.91 -0.99 0.00	119.61 -4.02 -1.68	130.81 -3.94 -3.28	161.26 -5.70 -4.14	185.34 -7.03 -7.24	201.71 -7.61 -3.72	180.75 -3.30 -0.80	123.51 -0.61 -1.83	92.93 -0.56 -0.61	74.05 0.15 0.00	63.53 -0.64 0.00
WALDEN__HYDRO 24148	72.99 4.13 0.00	68.90 3.96 0.00	64.25 3.52 0.00	59.65 3.16 0.00	59.17 2.98 0.00	60.30 3.14 0.00	61.08 3.57 0.00	67.32 3.99 0.00	71.81 4.38 0.00	76.41 4.87 0.00	77.98 5.91 0.00	82.54 6.54 0.00	100.97 8.33 -1.09	122.64 10.44 -2.31	148.32 11.95 -14.41	170.22 13.94 -24.82	210.60 17.26 -30.52	253.61 18.88 -49.60	255.27 20.77 -28.91	210.84 17.59 -10.00	147.56 11.13 -14.13	105.25 7.89 -4.48	79.30 5.39 0.00	68.40 4.24 0.00
WARRENSBURG____ 23737	73.68 4.82 0.00	69.36 4.42 0.00	64.61 3.89 0.00	59.65 3.16 0.00	59.23 3.03 0.00	60.58 3.43 0.00	60.91 3.39 0.00	67.26 3.93 0.00	71.68 4.25 0.00	75.98 4.44 0.00	76.40 4.32 -0.01	81.02 5.02 0.00	103.72 5.95 -6.22	130.20 7.14 -13.16	168.52 7.81 -38.76	195.82 7.89 -56.47	240.09 10.58 -66.69	292.97 12.40 -95.44	355.38 15.83 -133.96	248.27 14.66 -50.36	197.97 10.27 -65.39	121.12 7.80 -20.45	79.22 5.32 0.00	68.08 3.91 0.00
WATERSIDE____6 8 9 23538	73.82 4.96 0.00	69.81 4.87 0.00	64.98 4.25 0.00	60.55 4.07 0.00	60.18 3.99 0.00	60.98 3.83 0.00	62.00 4.49 0.00	68.21 4.88 0.00	72.76 5.33 0.00	77.70 6.15 0.00	74.57 7.42 4.92	83.77 7.52 -0.24	95.89 9.70 5.36	119.23 12.31 2.97	152.78 13.90 -16.92	170.88 17.09 -22.32	216.93 19.86 -34.24	254.06 21.66 -47.27	256.52 23.03 -27.90	215.21 19.24 -12.72	150.08 11.62 -16.16	105.03 7.80 -4.35	79.36 5.47 0.01	68.92 4.75 0.00
WATKINRD_115KV_LN8_ILLION 55919	70.10 1.24 0.00	66.11 1.17 0.00	61.76 1.03 0.00	57.45 0.96 0.00	57.09 0.90 0.00	58.24 1.09 0.00	58.67 1.15 0.00	64.60 1.27 0.00	68.85 1.42 0.00	73.12 1.57 0.00	73.72 1.66 0.00	77.90 1.90 0.00	93.84 2.29 0.00	112.64 2.75 0.00	125.01 3.05 0.00	134.05 3.29 0.70	166.89 4.07 0.00	189.57 4.44 0.00	210.94 5.35 0.00	187.83 4.58 0.00	125.36 3.06 0.00	95.19 2.32 0.00	75.60 1.70 0.00	65.45 1.28 0.00



WDELAWARE___HYD 323627	72.79 3.92 0.00	68.58 3.63 0.00	63.94 3.22 0.00	59.31 2.82 0.00	58.66 2.47 0.00	60.07 2.91 0.00	60.68 3.16 0.00	67.58 4.24 0.00	72.15 4.72 0.00	76.70 5.15 0.00	77.98 5.91 0.00	82.81 6.92 0.10	100.07 8.60 0.09	120.68 10.88 0.10	143.80 12.45 -9.40	164.31 14.46 -18.38	203.73 18.55 -22.36	241.75 18.33 -38.29	244.80 20.36 -18.84	205.11 17.42 -4.45	143.59 11.13 -10.16	104.18 7.89 -3.42	79.26 5.39 0.03	68.15 3.98 0.00
WEST BABYLON___IC 23714	92.57 7.85 -15.86	87.67 7.60 -15.13	67.54 6.80 -0.02	62.64 6.16 0.00	62.15 5.96 0.00	63.16 6.00 0.00	64.24 6.73 0.00	76.12 7.47 -5.31	87.52 8.16 -11.93	89.74 8.87 -9.32	85.11 9.15 -3.90	99.47 9.80 -13.66	126.35 12.18 -22.63	162.72 15.28 -37.55	272.00 17.44 -132.60	301.44 20.25 -149.73	390.41 24.75 -202.84	458.50 27.40 -245.97	418.97 30.02 -183.36	348.17 26.02 -138.90	217.82 16.39 -79.13	128.19 11.52 -23.81	85.79 8.50 -3.39	75.49 7.32 -4.01
WEST CANADA___HYD 24049	69.41 0.55 0.00	65.46 0.52 0.00	61.27 0.55 0.00	56.94 0.45 0.00	56.59 0.40 0.00	57.67 0.51 0.00	58.03 0.52 0.00	63.90 0.57 0.00	68.04 0.61 0.00	72.19 0.64 0.00	72.86 0.79 0.00	76.99 0.99 0.00	92.73 1.19 0.00	111.32 1.42 0.00	123.66 1.71 0.00	132.61 1.84 0.70	165.10 2.28 0.00	187.53 2.40 0.00	208.47 2.88 0.00	185.81 2.56 0.00	123.89 1.59 0.00	94.08 1.20 0.00	74.72 0.81 0.00	64.68 0.51 0.00
WESTERN_NY_WIND 24143	70.79 1.93 0.00	66.31 1.36 0.00	60.30 -0.43 0.00	55.98 -0.51 0.00	55.07 -1.12 0.00	56.47 -0.69 0.00	56.19 -1.32 0.00	61.50 -1.84 0.00	65.54 -1.89 0.00	70.26 -1.29 0.00	71.20 -0.86 0.00	76.15 0.15 0.00	89.90 -1.65 0.00	107.92 -1.98 0.00	118.90 -4.51 -1.45	129.84 -4.47 -2.84	159.89 -6.51 -3.59	184.18 -7.22 -6.27	199.92 -8.84 -3.17	179.53 -4.40 -0.68	122.39 -1.47 -1.55	92.28 -1.11 -0.52	74.86 0.96 0.00	64.23 0.06 0.00
WESTOVER___LESR 323668	70.03 1.17 0.00	65.92 0.97 0.00	61.27 0.55 0.00	56.94 0.45 0.00	56.42 0.22 0.00	57.56 0.40 0.00	57.92 0.40 0.00	63.84 0.51 0.00	67.97 0.54 0.00	72.41 0.86 0.00	73.36 1.30 0.00	77.67 1.67 0.00	93.56 2.01 0.00	112.42 2.53 0.00	127.28 2.07 -3.25	140.45 2.63 -6.36	174.10 3.26 -8.02	202.67 3.52 -14.02	217.98 4.52 -7.86	190.25 5.31 -1.69	130.19 4.04 -3.86	97.05 2.88 -1.30	75.75 1.85 0.00	65.19 1.03 0.00
WETHRSFD_WT_PWR 323626	69.35 0.49 0.00	64.94 0.00 0.00	59.51 -1.21 0.00	55.36 -1.13 0.00	54.45 -1.74 0.00	55.84 -1.31 0.00	55.79 -1.72 0.00	61.12 -2.22 0.00	65.14 -2.29 0.00	69.62 -1.93 0.00	70.41 -1.65 0.00	75.01 -0.99 0.00	90.08 -1.47 0.00	107.48 -2.42 0.00	119.21 -4.63 -1.89	130.04 -5.13 -3.70	161.47 -6.02 -4.67	186.64 -6.66 -8.16	203.06 -6.78 -4.25	181.77 -2.39 -0.91	124.51 0.12 -2.08	93.48 -0.09 -0.70	74.27 0.37 0.00	63.65 -0.52 0.00
WHAVSTOR_138KV_BK127 55557	72.92 4.06 0.00	68.90 3.96 0.00	64.25 3.52 0.00	59.65 3.16 0.00	59.23 3.03 0.00	60.24 3.09 0.00	61.14 3.62 0.00	67.32 3.99 0.00	71.81 4.38 0.00	76.56 5.01 0.00	78.12 6.05 0.00	82.61 6.61 0.00	101.47 8.42 -1.50	123.72 10.66 -3.17	150.39 12.32 -16.12	172.95 14.59 -26.89	213.40 17.75 -32.83	256.68 19.25 -52.29	258.20 20.97 -31.64	213.02 17.78 -11.99	148.75 11.01 -15.44	105.31 7.62 -4.82	79.00 5.10 0.00	68.21 4.04 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	72.92 4.06 0.00	68.90 3.96 0.00	64.25 3.52 0.00	59.65 3.16 0.00	59.23 3.03 0.00	60.24 3.09 0.00	61.14 3.62 0.00	67.32 3.99 0.00	71.81 4.38 0.00	76.56 5.01 0.00	78.12 6.05 0.00	82.61 6.61 0.00	101.47 8.42 -1.50	123.72 10.66 -3.17	150.39 12.32 -16.12	172.95 14.59 -26.89	213.40 17.75 -32.83	256.68 19.25 -52.29	258.20 20.97 -31.64	213.02 17.78 -11.99	148.75 11.01 -15.44	105.31 7.62 -4.82	79.00 5.10 0.00	68.21 4.04 0.00
WHITEHAL_115KV_TB1 80871	75.47 6.61 0.00	70.98 6.04 0.00	65.95 5.22 0.00	60.78 4.29 0.00	60.35 4.16 0.00	61.84 4.69 0.00	62.12 4.60 0.00	68.59 5.26 0.00	73.16 5.73 0.00	77.41 5.87 0.00	77.91 5.84 -0.01	82.84 6.84 0.00	106.11 8.06 -6.51	133.21 9.56 -13.76	172.24 10.37 -39.92	199.85 10.52 -57.87	245.39 14.33 -68.24	299.17 16.85 -97.20	361.90 20.97 -135.33	254.68 19.79 -51.64	201.93 13.58 -66.05	123.88 10.40 -20.60	81.07 7.17 0.00	69.49 5.33 0.00
WHITEPLN_13_KV_LOAD 356215	74.58 5.72 0.00	70.40 5.46 0.00	65.52 4.80 0.00	60.89 4.41 0.00	60.41 4.21 0.00	61.44 4.29 0.00	62.40 4.89 0.00	68.78 5.45 0.00	73.50 6.07 0.00	78.42 6.87 0.00	80.14 8.07 0.00	84.74 8.74 0.00	104.42 11.26 -1.61	127.81 14.51 -3.41	155.54 16.71 -16.88	179.07 19.59 -28.01	220.59 23.61 -34.16	265.27 25.92 -54.22	266.41 27.76 -33.06	219.40 23.46 -12.70	153.23 14.80 -16.14	108.12 10.22 -5.03	80.85 6.95 0.00	69.75 5.58 0.00
WM_FLOYD_69_KV_BK2 356380	89.22 7.37 -12.99	87.01 6.95 -15.12	66.88 6.13 -0.02	62.08 5.59 0.00	61.53 5.34 0.00	62.53 5.37 0.00	63.67 6.15 0.00	75.61 6.97 -5.31	86.98 7.62 -11.93	89.45 8.59 -9.32	82.48 8.65 -1.76	95.15 9.27 -9.88	219.81 11.81 -116.45	273.21 15.06 -148.26	290.93 16.95 -152.02	293.69 19.06 -143.16	381.83 23.28 -195.73	472.51 25.73 -261.64	415.38 28.37 -181.42	345.17 24.74 -137.18	272.52 16.14 -134.08	267.25 11.70 -162.68	88.41 8.35 -6.15	73.61 6.99 -2.45
WOODARD___115KV_TB2 355635	68.66 -0.21 0.00	64.55 -0.39 0.00	60.18 -0.55 0.00	55.86 -0.62 0.00	55.46 -0.73 0.00	56.53 -0.63 0.00	56.88 -0.63 0.00	62.83 -0.51 0.00	66.96 -0.47 0.00	71.26 -0.29 0.00	72.06 0.00 0.00	76.30 0.30 0.00	91.82 0.27 0.00	110.34 0.44 0.00	123.00 0.12 -0.92	132.72 0.39 -0.86	165.41 0.33 -2.27	189.28 0.19 -3.96	205.80 0.21 0.00	183.98 0.73 0.00	123.03 0.73 0.00	93.43 0.56 0.00	74.12 0.22 0.00	63.98 -0.19 0.00
WOODMERE_69_KV_BK1 55827	126.94 7.16 -50.92	87.01 6.88 -15.18	66.88 6.13 -0.02	62.19 5.71 0.00	61.64 5.45 0.00	62.70 5.54 0.00	63.61 6.10 0.00	75.23 6.59 -5.31	86.57 7.22 -11.93	88.95 8.08 -9.32	112.90 9.30 -31.54	159.50 9.96 -73.54	162.70 12.45 -58.71	207.10 15.17 -82.03	335.79 17.44 -196.39	385.15 19.85 -233.83	480.75 24.26 -293.67	546.42 26.84 -334.45	442.31 29.19 -207.52	368.68 25.11 -160.33	219.57 16.02 -81.25	113.34 11.52 -8.95	103.99 8.50 -21.58	100.01 6.93 -28.92
YORK___WARBASSE 23770	74.31 5.44 -0.01	70.28 5.33 -0.01	65.34 4.62 0.00	60.89 4.41 0.00	60.58 4.38 -0.01	61.10 3.94 0.00	62.12 4.60 0.00	68.40 5.07 0.00	73.02 5.60 0.00	78.20 6.65 0.00	94.96 7.78 -15.11	89.09 8.06 -5.03	124.82 10.25 -23.02	145.46 12.53 -23.04	153.14 14.27 -16.92	197.08 17.48 -48.13	217.74 20.68 -34.24	286.54 22.40 -79.01	280.64 23.64 -51.40	215.95 19.97 -12.73	150.82 12.35 -16.17	107.34 8.08 -6.39	79.73 5.84 0.01	69.30 5.13 0.00