

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion									
Generator Data		07/15/2024																									
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	39.37	34.22	30.73	29.17	29.61	31.61	36.20	40.34	43.01	49.24	60.32	67.91	75.10	79.01	85.38	161.34	166.57	168.24	159.51	123.95	76.21	71.37	56.26	44.87		
		3.55	3.06	2.69	2.46	2.40	2.61	2.96	3.93	4.37	4.44	5.63	6.17	6.52	7.32	7.69	15.34	15.95	14.43	12.76	8.86	4.49	5.15	5.21	4.26		
		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	-0.73	-9.04	-8.18	-23.77	-30.77	-25.62	-16.93	-6.99	0.00	0.00		
74TH STREET_GT_1	24260	39.44	34.28	30.76	29.20	29.64	31.63	36.20	40.27	42.97	49.15	60.16	67.60	74.89	78.72	85.07	160.80	166.14	167.98	159.16	123.86	76.21	71.38	56.21	44.91		
		3.62	3.12	2.72	2.48	2.42	2.64	2.96	3.86	4.33	4.35	5.47	5.86	6.31	7.03	7.39	14.79	15.53	14.17	12.41	8.77	4.49	5.15	5.16	4.30		
		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	-0.73	-9.04	-8.18	-23.77	-30.77	-25.62	-16.93	-6.99	0.00	0.00		
74TH STREET_GT_2	24261	39.44	34.28	30.76	29.20	29.64	31.63	36.20	40.27	42.97	49.15	60.16	67.60	74.89	78.72	85.07	160.80	166.14	167.98	159.16	123.86	76.21	71.38	56.21	44.91		
		3.62	3.12	2.72	2.48	2.42	2.64	2.96	3.86	4.33	4.35	5.47	5.86	6.31	7.03	7.39	14.79	15.53	14.17	12.41	8.77	4.49	5.15	5.16	4.30		
		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	-0.73	-9.04	-8.18	-23.77	-30.77	-25.62	-16.93	-6.99	0.00	0.00		
ADK HUDSON___FALLS	24011	38.29	33.19	29.81	28.40	28.88	30.88	35.31	38.85	41.39	48.30	58.68	66.80	74.34	77.51	91.27	202.14	200.05	347.43	404.15	339.71	247.45	142.80	55.85	44.02		
		2.47	2.03	1.77	1.68	1.66	1.88	2.06	2.44	2.74	3.49	3.99	5.06	5.76	5.81	6.70	12.19	12.53	11.57	11.02	8.68	5.42	5.92	4.80	3.41		
		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	-0.01	-7.62	-52.99	-45.09	-205.82	-277.15	-241.57	-187.25	-77.64	0.00	0.00		
ADK RESOURCE___RCVRY	23798	38.51	33.38	29.95	28.53	29.01	31.05	35.54	39.07	41.62	48.66	59.12	67.41	74.96	78.16	91.87	202.84	200.80	348.72	405.52	341.05	248.47	143.75	56.31	44.30		
		2.69	2.21	1.91	1.82	1.80	2.06	2.29	2.66	2.98	3.85	4.43	5.68	6.38	6.46	7.46	13.56	13.97	13.00	12.29	9.67	6.08	6.57	5.26	3.69		
		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	-0.01	-7.45	-52.31	-44.40	-205.69	-277.24	-241.91	-187.61	-77.94	0.00	0.00		
ADK S GLENS___FALLS	24028	38.29	33.19	29.81	28.40	28.88	30.88	35.31	38.85	41.39	48.30	58.68	66.80	74.34	77.51	91.27	202.14	200.05	347.43	404.15	339.71	247.45	142.80	55.85	44.02		
		2.47	2.03	1.77	1.68	1.66	1.88	2.06	2.44	2.74	3.49	3.99	5.06	5.76	5.81	6.70	12.19	12.53	11.57	11.02	8.68	5.42	5.92	4.80	3.41		
		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	-0.01	-7.62	-52.99	-45.09	-205.82	-277.15	-241.57	-187.25	-77.64	0.00	0.00		
ADK_NYS___DAM	23527	38.12	33.07	29.78	28.37	28.85	30.82	35.10	38.85	41.27	47.63	58.35	65.99	73.24	76.65	93.69	209.44	208.92	317.92	357.59	292.33	209.82	122.01	54.68	43.45		
		2.29	1.90	1.74	1.66	1.63	1.83	1.86	2.44	2.63	2.82	3.66	4.26	4.67	4.94	5.38	10.14	10.69	9.49	8.36	6.26	3.61	4.03	3.62	2.84		
		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	-0.01	-11.35	-62.34	-55.80	-178.39	-233.25	-196.60	-151.43	-58.74	0.00	0.00		
AIR_PRODUCTS___DRP	24190	36.54	31.79	28.60	27.25	27.74	29.58	33.78	37.21	39.49	45.65	55.78	63.03	69.95	73.18	65.20	76.87	81.48	128.42	138.47	134.18	105.69	93.30	52.38	41.66		
		0.72	0.62	0.56	0.53	0.52	0.58	0.53	0.80	0.85	0.85	1.09	1.30	1.37	1.51	1.77	3.70	3.85	3.38	2.67	1.88	0.93	1.18	1.33	1.06		
		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	0.02	13.52	63.80	64.80	5.00	-19.82	-42.83	-49.98	-32.88	0.00	0.00		
AKWESSNE_115KV_BK	355683	36.07	31.21	27.93	26.58	27.11	28.94	33.57	35.29	38.89	43.29	55.76	60.18	62.57	61.13	65.22	126.54	133.21	121.12	98.72	85.35	52.48	56.81	49.01	39.06		
		-1.22	-1.00	-0.87	-0.77	-0.79	-0.90	-0.93	-1.27	-1.47	-1.52	-2.19	-2.78	-3.29	-3.37	-3.62	-6.16	-6.12	-5.59	-5.10	-4.12	-2.30	-2.43	-2.04	-1.54		
		-1.47	-1.05	-0.75	-0.64	-0.69	-0.85	-1.25	-0.15	-1.72	-0.01	-3.26	-1.22	2.72	7.20	8.12	4.26	3.09	3.32	12.16	0.00	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR	323833	37.22	32.41	29.19	27.78	28.31	30.18	34.44	37.76	39.96	46.10	56.17	63.46	69.33	72.54	64.98	77.08	82.71	110.99	113.33	110.24	84.98	84.04	53.45	42.48		
		1.40	1.25	1.15	1.07	1.09	1.19	1.20	1.35	1.31	1.30	1.48	1.73	0.76	0.86	1.31	3.01	3.41	3.12	2.90	2.24	1.20	1.48	2.40	1.87		
		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	0.02	13.28	62.89	63.13	22.16	5.56	-18.54	-29.00	-23.32	0.00	0.00		
ALBANY_2_SOLAR	323834	37.22	32.41	29.16	27.78	28.31	30.18	34.44	37.76	39.92	46.10	56.11	63.46	69.26	72.47	64.92	77.07	82.69	111.11	113.34	110.23	84.98	83.98	53.45	42.44		
		1.40	1.25	1.12	1.07	1.09	1.19	1.20	1.35	1.27	1.30	1.42	1.73	0.69	0.79	1.23	2.88	3.28	3.12	2.78	2.14	1.15	1.42	2.40	1.83		
		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	0.02	13.26	62.78	63.02	22.04	5.42	-18.62	-29.05	-23.32	0.00	0.00		
ALBANY___1	23571	36.54	31.79	28.60	27.25	27.74	29.58	33.78	37.21	39.49	45.65	55.78	63.03	69.95	73.18	65.20	76.87	81.48	128.42	138.47	134.18	105.69	93.30	52.38	41.66		
		0.72	0.62	0.56	0.53	0.52	0.58	0.53	0.80	0.85	0.85	1.09	1.30	1.37	1.51	1.77	3.70	3.85	3.38	2.67	1.88	0.93	1.18	1.33	1.06		
		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	0.02	13.52	63.80	64.80	5.00	-19.82	-42.83	-49.98	-32.88	0.00	0.00		

ALBANY___2 23572	36.54 0.72 0.00	31.79 0.62 0.00	28.60 0.56 0.00	27.25 0.53 0.00	27.74 0.52 0.00	29.58 0.58 0.00	33.78 0.53 0.00	37.21 0.80 0.00	39.49 0.85 0.00	45.65 0.85 0.00	55.78 1.09 0.00	63.03 1.30 0.00	69.95 1.37 0.00	73.18 1.51 0.02	65.20 1.77 13.52	76.87 3.70 63.80	81.48 3.85 64.80	128.42 3.38 5.00	138.47 2.67 -19.82	134.18 1.88 -42.83	105.69 0.93 -49.98	93.30 1.18 -32.88	52.38 1.33 0.00	41.66 1.06 0.00
ALBANY___3 23573	36.54 0.72 0.00	31.79 0.62 0.00	28.60 0.56 0.00	27.25 0.53 0.00	27.74 0.52 0.00	29.58 0.58 0.00	33.78 0.53 0.00	37.21 0.80 0.00	39.49 0.85 0.00	45.65 0.85 0.00	55.78 1.09 0.00	63.03 1.30 0.00	69.95 1.37 0.00	73.18 1.51 0.02	65.20 1.77 13.52	76.87 3.70 63.80	81.48 3.85 64.80	128.42 3.38 5.00	138.47 2.67 -19.82	134.18 1.88 -42.83	105.69 0.93 -49.98	93.30 1.18 -32.88	52.38 1.33 0.00	41.66 1.06 0.00
ALBANY___4 23574	36.54 0.72 0.00	31.79 0.62 0.00	28.60 0.56 0.00	27.25 0.53 0.00	27.74 0.52 0.00	29.58 0.58 0.00	33.78 0.53 0.00	37.21 0.80 0.00	39.49 0.85 0.00	45.65 0.85 0.00	55.78 1.09 0.00	63.03 1.30 0.00	69.95 1.37 0.00	73.18 1.51 0.02	65.20 1.77 13.52	76.87 3.70 63.80	81.48 3.85 64.80	128.42 3.38 5.00	138.47 2.67 -19.82	134.18 1.88 -42.83	105.69 0.93 -49.98	93.30 1.18 -32.88	52.38 1.33 0.00	41.66 1.06 0.00
ALBANY___LFGE 323615	37.00 1.18 0.00	32.16 1.00 0.00	28.94 0.90 0.00	27.57 0.85 0.00	28.06 0.84 0.00	29.92 0.93 0.00	34.17 0.93 0.00	37.65 1.24 0.00	39.99 1.35 0.00	46.33 1.52 0.00	56.60 1.91 0.00	64.08 2.35 0.00	71.12 2.54 0.00	74.49 2.79 0.00	83.03 3.16 -2.92	164.03 6.17 -20.90	164.99 6.42 -16.14	254.82 5.59 -119.19	285.29 4.64 -164.66	240.39 3.40 -147.52	175.26 1.86 -118.61	112.11 2.19 -50.68	53.14 2.09 0.00	42.23 1.63 0.00
ALCOA_PA_115KV_PL-6C 55860	36.83 -1.40 -2.40	31.72 -1.15 -1.71	28.24 -1.04 -1.23	26.85 -0.91 -1.05	27.41 -0.93 -1.12	29.34 -1.04 -1.38	34.19 -1.10 -2.05	35.20 -1.46 -0.25	39.75 -1.70 -2.80	43.07 -1.75 -0.02	57.50 -2.52 -5.33	60.58 -3.15 -2.00	61.87 -3.77 2.94	57.76 -3.94 9.99	61.44 -4.23 11.28	125.87 -7.12 3.98	133.42 -6.98 2.03	120.89 -6.50 2.65	93.30 -5.80 16.89	84.73 -4.74 0.00	52.21 -2.57 0.00	56.51 -2.72 0.00	48.70 -2.35 0.00	38.82 -1.79 0.00
ALCOA_RYNLDS___DRP 24188	36.83 -1.40 -2.40	31.72 -1.15 -1.71	28.24 -1.04 -1.23	26.85 -0.91 -1.05	27.41 -0.93 -1.12	29.34 -1.04 -1.38	34.19 -1.10 -2.05	35.20 -1.46 -0.25	39.75 -1.70 -2.80	43.07 -1.75 -0.02	57.50 -2.52 -5.33	60.58 -3.15 -2.00	61.87 -3.77 2.94	57.76 -3.94 9.99	61.44 -4.23 11.28	125.87 -7.12 3.98	133.42 -6.98 2.03	120.89 -6.50 2.65	93.30 -5.80 16.89	84.73 -4.74 0.00	52.21 -2.57 0.00	56.51 -2.72 0.00	48.70 -2.35 0.00	38.82 -1.79 0.00
ALCOA___DSASP 323711	36.83 -1.40 -2.40	31.72 -1.15 -1.71	28.24 -1.04 -1.23	26.85 -0.91 -1.05	27.41 -0.93 -1.12	29.34 -1.04 -1.38	34.19 -1.10 -2.05	35.20 -1.46 -0.25	39.75 -1.70 -2.80	43.07 -1.75 -0.02	57.50 -2.51 -5.33	60.58 -3.15 -2.00	61.78 -3.91 2.89	59.76 -4.01 7.92	61.37 -4.31 11.28	125.83 -7.26 3.87	133.41 -7.12 1.90	120.87 -6.63 2.54	93.18 -5.91 16.89	84.81 -4.66 0.00	52.26 -2.52 0.00	56.51 -2.72 0.00	48.70 -2.35 0.00	38.82 -1.79 0.00
ALLEGHENY___COGEN 23514	37.86 2.04 0.00	32.75 1.59 0.00	29.55 1.51 0.00	28.00 1.28 0.00	28.58 1.36 0.00	30.53 1.54 0.00	35.17 1.93 0.00	38.16 1.75 0.00	38.72 0.08 0.00	44.94 0.13 0.00	54.14 -0.55 0.00	56.86 -4.88 0.00	63.64 -4.94 0.00	66.24 -5.45 0.00	72.03 -4.93 0.00	123.95 -13.01 0.00	130.33 -12.11 0.00	121.06 -8.97 0.00	110.65 -5.33 0.00	87.42 -2.05 0.00	54.62 -0.16 0.00	58.23 -1.01 0.00	52.27 1.22 0.00	41.66 1.05 0.00
ALTAMONT_115KV_TB 2 55880	36.97 1.15 0.00	32.16 1.00 0.00	28.94 0.90 0.00	27.54 0.83 0.00	28.06 0.84 0.00	29.92 0.93 0.00	34.21 0.96 0.00	37.65 1.24 0.00	39.96 1.31 0.00	46.19 1.39 0.00	56.44 1.75 0.00	63.77 2.04 0.00	70.77 2.19 0.00	73.98 2.29 0.01	72.24 2.54 7.25	110.27 4.93 31.63	114.60 5.27 33.11	154.94 4.68 -20.22	162.92 4.06 -42.87	144.94 3.04 -52.43	106.61 1.70 -50.13	89.30 2.01 -28.05	53.04 1.99 0.00	42.15 1.54 0.00
ALTONA_WT_PWR 323606	33.57 -1.47 0.78	29.36 -1.25 0.56	26.54 -1.09 0.40	25.36 -1.02 0.34	25.82 -1.03 0.37	27.38 -1.16 0.45	31.55 -1.03 0.67	35.13 -1.20 0.08	36.49 -1.24 0.91	44.21 -0.58 0.01	50.16 -2.79 1.74	55.84 -5.25 0.65	57.62 -5.07 5.89	59.54 -5.23 6.92	63.60 -5.54 7.81	115.81 -9.45 11.70	121.61 -8.97 11.86	111.06 -8.06 10.91	96.98 -7.30 11.70	83.74 -5.73 0.00	51.60 -3.18 0.00	55.62 -3.62 0.00	48.55 -2.50 0.00	39.19 -1.42 0.00
AMERICAN_REF_FUEL 24010	35.36 -0.47 0.00	30.79 -0.37 0.00	27.76 -0.28 0.00	26.34 -0.37 0.00	26.78 -0.44 0.00	28.59 -0.41 0.00	32.71 -0.53 0.00	35.24 -1.17 0.00	37.91 -0.74 0.00	44.49 -0.31 0.00	54.42 -0.27 0.00	61.80 0.06 0.00	69.26 0.69 0.00	71.48 -0.21 0.00	76.65 -0.31 0.00	131.34 -5.62 0.00	135.74 -6.69 0.00	123.93 -6.11 0.00	111.58 -4.41 0.00	87.86 -1.61 0.00	54.89 0.11 0.00	58.76 -0.48 0.00	49.26 -1.79 0.00	39.92 -0.69 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.86 1.04 0.00	32.07 0.90 0.00	28.91 0.87 0.00	27.44 0.72 0.00	27.92 0.71 0.00	29.84 0.84 0.00	34.31 1.06 0.00	37.50 1.09 0.00	40.30 1.66 0.00	47.45 2.64 0.00	58.08 3.39 0.00	66.05 4.32 0.00	74.07 5.49 0.00	76.79 5.09 0.00	82.26 5.31 0.00	141.07 4.11 0.00	145.85 3.41 0.00	133.15 3.12 0.00	119.46 3.48 0.00	93.94 4.47 0.00	58.56 3.78 0.00	62.25 3.02 0.00	52.02 0.97 0.00	41.74 1.14 0.00
ARTHUR KILL_GT_1 23520	39.41 3.58 -0.01	34.26 3.09 -0.01	30.80 2.75 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.61 2.61 0.00	36.04 2.79 0.00	40.05 3.64 0.00	42.54 3.90 0.01	45.04 3.63 3.39	46.85 4.65 12.49	61.54 4.94 5.14	71.88 5.07 1.77	76.10 5.88 1.48	75.99 6.23 7.20	134.98 12.59 14.58	140.25 13.10 15.28	140.83 12.10 1.30	134.04 10.90 -7.15	98.99 7.52 -2.00	60.33 3.56 -1.99	55.52 4.21 7.92	48.02 4.69 7.72	44.50 3.90 0.01
ARTHUR_KILL_2 23512	39.23 3.40 -0.01	34.10 2.93 -0.01	30.68 2.63 -0.01	29.15 2.43 -0.01	29.62 2.40 -0.01	31.49 2.49 0.00	35.90 2.66 0.00	39.90 3.50 0.00	42.38 3.75 0.01	44.87 3.45 3.39	46.58 4.38 12.49	61.29 4.69 5.14	71.54 4.73 1.77	75.74 5.52 1.48	75.60 5.85 7.20	134.30 11.91 14.58	139.54 12.39 15.28	140.04 11.31 1.30	133.45 10.32 -7.15	98.46 6.98 -2.00	60.06 3.29 -1.99	55.22 3.91 7.92	47.77 4.44 7.72	44.33 3.73 0.01
ARTHUR_KILL_3 23513	39.01 3.19 0.00	33.87 2.71 0.00	30.42 2.38 0.00	28.85 2.14 0.00	29.29 2.07 0.00	31.23 2.23 0.00	35.77 2.53 0.00	39.83 3.42 0.00	42.47 3.83 0.00	45.01 3.59 3.38	46.74 4.54 12.48	61.48 4.88 5.13	71.96 5.15 1.76	76.10 5.88 1.47	75.92 6.16 7.19	134.99 12.59 14.57	140.26 13.10 15.27	140.70 11.96 1.29	133.59 10.44 -7.16	98.73 7.24 -2.01	60.40 3.61 -2.00	55.53 4.21 7.91	47.67 4.34 7.71	44.34 3.73 0.00

ARTHUR_KILL_COGEN 323718	39.41 3.58 -0.01	34.26 3.09 -0.01	30.80 2.75 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.61 2.61 0.00	36.04 2.79 0.00	40.05 3.64 0.00	42.54 3.90 0.01	45.04 3.63 3.39	46.85 4.65 12.49	61.54 4.94 5.14	71.88 5.07 1.77	76.10 5.88 1.48	75.99 6.23 7.20	134.98 12.59 14.58	140.25 13.10 15.28	140.83 12.10 1.30	134.04 10.90 -7.15	98.99 7.52 -2.00	60.33 3.56 -1.99	55.52 4.21 7.92	48.02 4.69 7.72	44.50 3.90 0.01
ASHOKAN____ 23654	38.37 2.54 0.00	33.44 2.27 0.00	29.97 1.93 0.00	28.51 1.79 0.00	29.04 1.82 0.00	30.94 1.94 0.00	35.27 2.03 0.00	38.63 2.22 0.00	40.88 2.24 0.00	47.22 2.42 0.00	57.69 3.01 0.00	65.13 3.39 0.00	72.42 3.84 0.00	75.99 4.30 0.01	74.17 6.38 9.17	107.51 12.46 41.91	113.95 13.68 42.16	130.43 13.13 12.73	127.31 12.06 0.74	113.84 9.22 -15.16	77.95 2.30 -20.87	78.02 2.31 -16.48	55.29 4.23 0.00	43.78 3.17 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.23 3.40 -0.01	34.10 2.93 -0.01	30.66 2.61 -0.01	29.13 2.41 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.86 3.46 0.01	42.42 3.79 0.01	48.20 3.40 0.01	58.95 4.27 0.01	66.23 4.50 0.01	73.37 4.80 0.01	77.07 5.38 0.01	83.29 5.61 -0.72	157.63 11.64 -9.03	162.71 12.10 -8.18	164.84 11.05 -23.76	156.60 9.85 -30.76	121.97 6.89 -25.61	75.38 3.67 -16.93	70.42 4.21 -6.98	55.33 4.29 0.01	44.39 3.78 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.23 3.40 -0.01	34.10 2.93 -0.01	30.66 2.61 -0.01	29.13 2.41 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.86 3.46 0.01	42.42 3.79 0.01	48.20 3.40 0.01	58.95 4.27 0.01	66.23 4.50 0.01	73.37 4.80 0.01	77.07 5.38 0.01	83.29 5.61 -0.72	157.63 11.64 -9.03	162.71 12.10 -8.18	164.84 11.05 -23.76	156.60 9.85 -30.76	121.97 6.89 -25.61	75.38 3.67 -16.93	70.42 4.21 -6.98	55.33 4.29 0.01	44.39 3.78 0.00
ASTORIA_GT2_1 24094	39.23 3.40 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.87 3.46 0.00	42.43 3.79 0.00	48.30 3.49 0.00	58.95 4.27 0.01	66.23 4.51 0.01	73.44 4.87 0.01	77.14 5.45 0.01	83.38 5.69 -0.73	157.64 11.64 -9.03	162.86 12.25 -8.18	165.11 11.31 -23.76	156.60 9.86 -30.76	122.06 6.98 -25.62	75.38 3.67 -16.93	70.48 4.26 -6.98	55.38 4.34 0.01	44.43 3.82 0.00
ASTORIA_GT2_2 24095	39.23 3.40 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.87 3.46 0.00	42.43 3.79 0.00	48.30 3.49 0.00	58.95 4.27 0.01	66.23 4.51 0.01	73.44 4.87 0.01	77.14 5.45 0.01	83.38 5.69 -0.73	157.64 11.64 -9.03	162.86 12.25 -8.18	165.11 11.31 -23.76	156.60 9.86 -30.76	122.06 6.98 -25.62	75.38 3.67 -16.93	70.48 4.26 -6.98	55.38 4.34 0.01	44.43 3.82 0.00
ASTORIA_GT2_3 24096	39.23 3.40 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.87 3.46 0.00	42.43 3.79 0.00	48.30 3.49 0.00	58.95 4.27 0.01	66.23 4.51 0.01	73.44 4.87 0.01	77.14 5.45 0.01	83.38 5.69 -0.73	157.64 11.64 -9.03	162.86 12.25 -8.18	165.11 11.31 -23.76	156.60 9.86 -30.76	122.06 6.98 -25.62	75.38 3.67 -16.93	70.48 4.26 -6.98	55.38 4.34 0.01	44.43 3.82 0.00
ASTORIA_GT2_4 24097	39.23 3.40 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.87 3.46 0.00	42.43 3.79 0.00	48.30 3.49 0.00	58.95 4.27 0.01	66.23 4.51 0.01	73.44 4.87 0.01	77.14 5.45 0.01	83.38 5.69 -0.73	157.64 11.64 -9.03	162.86 12.25 -8.18	165.11 11.31 -23.76	156.60 9.86 -30.76	122.06 6.98 -25.62	75.38 3.67 -16.93	70.48 4.26 -6.98	55.38 4.34 0.01	44.43 3.82 0.00
ASTORIA_GT3_1 24098	39.23 3.40 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.87 3.46 0.00	42.43 3.79 0.00	48.30 3.49 0.00	58.95 4.27 0.01	66.23 4.51 0.01	73.44 4.87 0.01	77.14 5.45 0.01	83.38 5.69 -0.73	157.64 11.64 -9.03	162.86 12.25 -8.18	165.11 11.31 -23.76	156.60 9.86 -30.76	122.06 6.98 -25.62	75.38 3.67 -16.93	70.48 4.26 -6.98	55.38 4.34 0.01	44.43 3.82 0.00
ASTORIA_GT3_2 24099	39.23 3.40 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.87 3.46 0.00	42.43 3.79 0.00	48.30 3.49 0.00	58.95 4.27 0.01	66.23 4.51 0.01	73.44 4.87 0.01	77.14 5.45 0.01	83.38 5.69 -0.73	157.64 11.64 -9.03	162.86 12.25 -8.18	165.11 11.31 -23.76	156.60 9.86 -30.76	122.06 6.98 -25.62	75.38 3.67 -16.93	70.48 4.26 -6.98	55.38 4.34 0.01	44.43 3.82 0.00
ASTORIA_GT3_3 24100	39.23 3.40 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.87 3.46 0.00	42.43 3.79 0.00	48.30 3.49 0.00	58.95 4.27 0.01	66.23 4.51 0.01	73.44 4.87 0.01	77.14 5.45 0.01	83.38 5.69 -0.73	157.64 11.64 -9.03	162.86 12.25 -8.18	165.11 11.31 -23.76	156.60 9.86 -30.76	122.06 6.98 -25.62	75.38 3.67 -16.93	70.48 4.26 -6.98	55.38 4.34 0.01	44.43 3.82 0.00
ASTORIA_GT3_4 24101	39.23 3.40 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.87 3.46 0.00	42.43 3.79 0.00	48.30 3.49 0.00	58.95 4.27 0.01	66.23 4.51 0.01	73.44 4.87 0.01	77.14 5.45 0.01	83.38 5.69 -0.73	157.64 11.64 -9.03	162.86 12.25 -8.18	165.11 11.31 -23.76	156.60 9.86 -30.76	122.06 6.98 -25.62	75.38 3.67 -16.93	70.48 4.26 -6.98	55.38 4.34 0.01	44.43 3.82 0.00
ASTORIA_GT4_1 24102	39.23 3.40 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.87 3.46 0.00	42.43 3.79 0.00	48.30 3.49 0.00	58.95 4.27 0.01	66.23 4.51 0.01	73.44 4.87 0.01	77.14 5.45 0.01	83.38 5.69 -0.73	157.64 11.64 -9.03	162.86 12.25 -8.18	165.11 11.31 -23.76	156.60 9.86 -30.76	122.06 6.98 -25.62	75.38 3.67 -16.93	70.48 4.26 -6.98	55.38 4.34 0.01	44.43 3.82 0.00
ASTORIA_GT4_2 24103	39.23 3.40 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.87 3.46 0.00	42.43 3.79 0.00	48.30 3.49 0.00	58.95 4.27 0.01	66.23 4.51 0.01	73.44 4.87 0.01	77.14 5.45 0.01	83.38 5.69 -0.73	157.64 11.64 -9.03	162.86 12.25 -8.18	165.11 11.31 -23.76	156.60 9.86 -30.76	122.06 6.98 -25.62	75.38 3.67 -16.93	70.48 4.26 -6.98	55.38 4.34 0.01	44.43 3.82 0.00
ASTORIA_GT4_3 24104	39.23 3.40 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.87 3.46 0.00	42.43 3.79 0.00	48.30 3.49 0.00	58.95 4.27 0.01	66.23 4.51 0.01	73.44 4.87 0.01	77.14 5.45 0.01	83.38 5.69 -0.73	157.64 11.64 -9.03	162.86 12.25 -8.18	165.11 11.31 -23.76	156.60 9.86 -30.76	122.06 6.98 -25.62	75.38 3.67 -16.93	70.48 4.26 -6.98	55.38 4.34 0.01	44.43 3.82 0.00

ASTORIA_GT4_4 24105	39.23 3.40 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.87 3.46 0.00	42.43 3.79 0.00	48.30 3.49 0.00	58.95 4.27 0.01	66.23 4.51 0.01	73.44 4.87 0.01	77.14 5.45 0.01	83.38 5.69 -0.73	157.64 11.64 -9.03	162.86 12.25 -8.18	165.11 11.31 -23.76	156.60 9.86 -30.76	122.06 6.98 -25.62	75.38 3.67 -16.93	70.48 4.26 -6.98	55.38 4.34 0.01	44.43 3.82 0.00
ASTORIA_GT_1 23523	39.34 3.51 -0.01	34.19 3.02 -0.01	30.74 2.69 -0.01	29.21 2.48 -0.01	29.59 2.37 -0.01	31.52 2.52 0.00	35.97 2.73 0.00	39.97 3.57 0.01	42.54 3.90 0.01	48.38 3.59 0.01	59.11 4.43 0.01	66.41 4.69 0.01	73.65 5.07 0.01	77.29 5.60 0.01	83.60 5.93 -0.72	158.05 12.06 -9.03	163.15 12.54 -8.18	165.37 11.57 -23.76	156.95 10.21 -30.76	122.33 7.24 -25.61	75.54 3.83 -16.93	70.66 4.44 -6.98	55.54 4.49 0.01	44.51 3.90 0.00
ASTORIA_GT_10 24110	39.30 3.47 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.09 2.38 0.00	29.54 2.31 -0.01	31.49 2.49 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.62 3.98 0.00	48.48 3.67 0.00	59.16 4.48 0.01	66.48 4.75 0.01	73.65 5.07 0.01	77.43 5.74 0.01	83.69 6.00 -0.73	158.33 12.33 -9.03	163.57 12.96 -8.18	165.63 11.83 -23.76	157.07 10.32 -30.76	122.24 7.16 -25.62	71.22 3.56 -12.88	70.36 4.15 -6.98	55.43 4.39 0.01	44.51 3.90 0.00
ASTORIA_GT_11 24225	39.30 3.47 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.09 2.38 0.00	29.54 2.31 -0.01	31.49 2.49 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.62 3.98 0.00	48.48 3.67 0.00	59.16 4.48 0.01	66.48 4.75 0.01	73.65 5.07 0.01	77.43 5.74 0.01	83.69 6.00 -0.73	158.33 12.33 -9.03	163.57 12.96 -8.18	165.63 11.83 -23.76	157.07 10.32 -30.76	122.24 7.16 -25.62	71.22 3.56 -12.88	70.36 4.15 -6.98	55.43 4.39 0.01	44.51 3.90 0.00
ASTORIA_GT_12 24226	39.30 3.47 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.09 2.38 0.00	29.54 2.31 -0.01	31.49 2.49 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.62 3.98 0.00	48.48 3.67 0.00	59.16 4.48 0.01	66.48 4.75 0.01	73.65 5.07 0.01	77.43 5.74 0.01	83.69 6.00 -0.73	158.33 12.33 -9.03	163.57 12.96 -8.18	165.63 11.83 -23.76	157.07 10.32 -30.76	122.24 7.16 -25.62	71.22 3.56 -12.88	70.36 4.15 -6.98	55.43 4.39 0.01	44.51 3.90 0.00
ASTORIA_GT_13 24227	39.30 3.47 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.09 2.38 0.00	29.54 2.31 -0.01	31.49 2.49 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.62 3.98 0.00	48.48 3.67 0.00	59.16 4.48 0.01	66.48 4.75 0.01	73.65 5.07 0.01	77.43 5.74 0.01	83.69 6.00 -0.73	158.33 12.33 -9.03	163.57 12.96 -8.18	165.63 11.83 -23.76	157.07 10.32 -30.76	122.24 7.16 -25.62	71.22 3.56 -12.88	70.36 4.15 -6.98	55.43 4.39 0.01	44.51 3.90 0.00
ASTORIA_GT_5 24106	39.34 3.51 -0.01	34.20 3.02 -0.01	30.74 2.69 -0.01	29.21 2.48 -0.01	29.59 2.37 -0.01	31.52 2.52 0.00	35.97 2.73 0.00	39.94 3.53 0.00	42.55 3.90 0.00	48.43 3.63 0.00	59.11 4.43 0.01	66.42 4.69 0.01	73.65 5.07 0.01	77.36 5.66 0.01	83.61 5.93 -0.73	158.05 12.05 -9.03	163.29 12.68 -8.18	165.50 11.70 -23.76	156.95 10.21 -30.76	122.42 7.34 -25.62	75.54 3.83 -16.93	70.66 4.44 -6.98	55.53 4.49 0.01	44.51 3.90 0.00
ASTORIA_GT_7 24107	39.34 3.51 -0.01	34.20 3.02 -0.01	30.74 2.69 -0.01	29.21 2.48 -0.01	29.59 2.37 -0.01	31.52 2.52 0.00	35.97 2.73 0.00	39.94 3.53 0.00	42.55 3.90 0.00	48.43 3.63 0.00	59.11 4.43 0.01	66.42 4.69 0.01	73.65 5.07 0.01	77.36 5.66 0.01	83.61 5.93 -0.73	158.05 12.05 -9.03	163.29 12.68 -8.18	165.50 11.70 -23.76	156.95 10.21 -30.76	122.42 7.34 -25.62	75.54 3.83 -16.93	70.66 4.44 -6.98	55.53 4.49 0.01	44.51 3.90 0.00
ASTORIA_GT_8 24108	39.34 3.51 -0.01	34.20 3.02 -0.01	30.74 2.69 -0.01	29.21 2.48 -0.01	29.59 2.37 -0.01	31.52 2.52 0.00	35.97 2.73 0.00	39.94 3.53 0.00	42.55 3.90 0.00	48.43 3.63 0.00	59.11 4.43 0.01	66.42 4.69 0.01	73.65 5.07 0.01	77.36 5.66 0.01	83.61 5.93 -0.73	158.05 12.05 -9.03	163.29 12.68 -8.18	165.50 11.70 -23.76	156.95 10.21 -30.76	122.42 7.34 -25.62	75.54 3.83 -16.93	70.66 4.44 -6.98	55.53 4.49 0.01	44.51 3.90 0.00
ASTORIA___2 24149	39.23 3.40 -0.01	34.14 2.96 -0.01	30.66 2.61 -0.01	29.15 2.43 -0.01	29.54 2.31 -0.01	31.46 2.46 0.00	35.87 2.63 0.00	39.86 3.46 0.01	42.42 3.79 0.01	48.24 3.45 0.01	58.95 4.27 0.01	66.23 4.50 0.01	73.44 4.87 0.01	77.07 5.38 0.01	83.37 5.69 -0.72	157.63 11.64 -9.03	162.71 12.10 -8.18	164.98 11.18 -23.76	156.60 9.85 -30.76	122.07 6.98 -25.61	75.38 3.67 -16.93	70.48 4.27 -6.98	55.38 4.34 0.01	44.42 3.82 0.00
ASTORIA___3 23516	39.30 3.47 -0.01	34.14 2.96 -0.01	30.66 2.61 -0.01	29.09 2.38 0.00	29.54 2.31 -0.01	31.49 2.49 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.62 3.98 0.00	48.48 3.67 0.00	59.22 4.54 0.01	66.54 4.82 0.01	73.57 5.00 0.01	77.43 5.74 0.01	83.68 6.01 -0.72	158.33 12.33 -9.03	163.44 12.82 -8.18	165.51 11.71 -23.76	157.06 10.32 -30.76	122.15 7.07 -25.61	71.21 3.56 -12.88	70.36 4.15 -6.98	55.43 4.39 0.01	44.51 3.90 0.00
ASTORIA___4 23517	39.30 3.47 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.09 2.38 0.00	29.54 2.31 -0.01	31.49 2.49 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.62 3.98 0.00	48.48 3.67 0.00	59.16 4.48 0.01	66.48 4.75 0.01	73.65 5.07 0.01	77.43 5.74 0.01	83.69 6.00 -0.73	158.33 12.33 -9.03	163.57 12.96 -8.18	165.63 11.83 -23.76	157.07 10.32 -30.76	122.24 7.16 -25.62	71.22 3.56 -12.88	70.36 4.15 -6.98	55.43 4.39 0.01	44.51 3.90 0.00
ASTORIA___5 23518	39.30 3.47 -0.01	34.14 2.96 -0.01	30.66 2.61 -0.01	29.09 2.38 0.00	29.54 2.31 -0.01	31.49 2.49 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.62 3.98 0.00	48.48 3.67 0.00	59.22 4.54 0.01	66.54 4.82 0.01	73.57 5.00 0.01	77.43 5.74 0.01	83.68 6.01 -0.72	158.33 12.33 -9.03	163.44 12.82 -8.18	165.51 11.71 -23.76	157.06 10.32 -30.76	122.15 7.07 -25.61	71.21 3.56 -12.88	70.36 4.15 -6.98	55.43 4.39 0.01	44.51 3.90 0.00
AST_ENERGY_2_CC3 323677	39.08 3.26 0.00	33.94 2.77 0.00	30.48 2.44 0.00	28.93 2.22 0.00	29.37 2.15 0.00	31.34 2.35 0.00	35.87 2.63 0.00	39.94 3.53 0.00	42.54 3.90 0.00	48.61 3.81 0.00	59.50 4.81 0.00	66.92 5.19 0.00	74.07 5.49 0.00	77.93 6.23 0.00	84.15 6.47 -0.73	159.29 13.28 -9.04	164.43 13.81 -8.18	166.29 12.48 -23.77	157.78 11.02 -30.77	122.69 7.60 -25.62	75.55 3.83 -16.93	70.72 4.50 -6.99	55.65 4.60 0.00	44.51 3.90 0.00
AST_ENERGY_2_CC4 323678	39.08 3.26 0.00	33.94 2.77 0.00	30.48 2.44 0.00	28.93 2.22 0.00	29.37 2.15 0.00	31.34 2.35 0.00	35.87 2.63 0.00	39.94 3.53 0.00	42.54 3.90 0.00	48.61 3.81 0.00	59.50 4.81 0.00	66.92 5.19 0.00	74.07 5.49 0.00	77.93 6.23 0.00	84.15 6.47 -0.73	159.29 13.28 -9.04	164.43 13.81 -8.18	166.29 12.48 -23.77	157.78 11.02 -30.77	122.69 7.60 -25.62	75.55 3.83 -16.93	70.72 4.50 -6.99	55.65 4.60 0.00	44.51 3.90 0.00

ATHENS_STG_1 23668	37.29 1.47 0.00	32.44 1.28 0.00	29.16 1.12 0.00	27.78 1.07 0.00	28.28 1.06 0.00	30.16 1.16 0.00	34.48 1.23 0.00	38.05 1.64 0.00	40.46 1.82 0.00	46.60 1.79 0.00	57.04 2.35 0.00	64.39 2.65 0.00	71.46 2.88 0.00	74.78 3.08 0.00	80.19 3.23 0.00	144.86 6.44 -1.46	150.11 6.70 -0.98	147.76 6.11 -11.61	137.49 5.22 -16.28	108.04 3.76 -14.81	68.42 2.03 -11.61	66.79 2.37 -5.18	53.40 2.35 0.00	42.52 1.91 0.00
ATHENS_STG_2 23670	37.29 1.47 0.00	32.44 1.28 0.00	29.16 1.12 0.00	27.78 1.07 0.00	28.28 1.06 0.00	30.16 1.16 0.00	34.48 1.23 0.00	38.05 1.64 0.00	40.46 1.82 0.00	46.60 1.79 0.00	57.04 2.35 0.00	64.39 2.65 0.00	71.46 2.88 0.00	74.78 3.08 0.00	80.19 3.23 0.00	144.86 6.44 -1.46	150.11 6.70 -0.98	147.76 6.11 -11.61	137.49 5.22 -16.28	108.04 3.76 -14.81	68.42 2.03 -11.61	66.79 2.37 -5.18	53.40 2.35 0.00	42.52 1.91 0.00
ATHENS_STG_3 23677	37.29 1.47 0.00	32.44 1.28 0.00	29.16 1.12 0.00	27.78 1.07 0.00	28.28 1.06 0.00	30.16 1.16 0.00	34.48 1.23 0.00	38.05 1.64 0.00	40.46 1.82 0.00	46.60 1.79 0.00	57.04 2.35 0.00	64.39 2.65 0.00	71.46 2.88 0.00	74.78 3.08 0.00	80.19 3.23 0.00	144.86 6.44 -1.46	150.11 6.70 -0.98	147.76 6.11 -11.61	137.49 5.22 -16.28	108.04 3.76 -14.81	68.42 2.03 -11.61	66.79 2.37 -5.18	53.40 2.35 0.00	42.52 1.91 0.00
AUBURN___LFGE 323710	37.67 0.61 -1.24	32.17 0.44 -0.57	28.58 0.42 -0.12	26.93 0.29 0.08	27.57 0.35 0.00	29.68 0.43 -0.25	34.88 0.63 -1.00	38.03 0.80 -0.82	40.90 0.89 -1.37	48.10 1.21 -2.09	59.17 1.59 -2.90	67.38 2.16 -3.49	74.90 2.61 -3.71	80.33 2.58 -6.05	86.69 2.85 -6.89	150.68 3.84 -9.88	155.70 3.56 -9.71	141.41 3.51 -7.87	126.61 3.48 -7.15	98.35 3.31 -5.57	60.42 2.25 -3.39	63.90 2.01 -2.65	53.81 1.12 -1.64	42.97 0.73 -1.63
BABYLON_RES_REC 323704	48.09 3.87 -8.40	46.67 3.37 -12.14	44.60 2.97 -13.59	40.22 2.75 -10.75	38.73 2.72 -8.79	39.69 2.96 -7.73	42.34 3.36 -5.74	45.83 4.26 -5.16	47.31 4.67 -3.99	48.79 3.99 0.00	59.90 4.65 -0.56	71.45 5.24 -4.48	79.22 6.04 -4.61	89.61 6.81 -11.10	113.59 7.23 -29.41	181.34 14.66 -29.71	217.49 15.81 -59.25	276.79 14.43 -132.32	205.40 12.64 -76.77	138.93 8.77 -40.68	96.45 4.71 -36.95	82.16 5.21 -17.71	56.54 4.95 -0.53	51.41 4.22 -6.58
BABYLON__69_KV_BK2 356345	48.70 4.48 -8.40	47.20 3.90 -12.14	45.05 3.42 -13.59	40.65 3.18 -10.75	39.14 3.13 -8.79	40.12 3.39 -7.73	42.84 3.86 -5.74	46.41 4.84 -5.16	48.01 5.37 -3.99	50.09 5.29 0.00	62.67 6.23 -1.74	82.59 6.98 -13.88	90.96 8.09 -14.29	115.06 8.96 -34.40	132.39 9.54 -45.89	194.03 18.76 -38.30	229.89 19.94 -67.51	280.11 18.33 -131.74	216.26 16.12 -84.15	167.61 11.54 -66.60	132.54 6.35 -71.40	106.39 6.93 -40.22	59.14 6.43 -1.66	52.59 5.20 -6.79
BALL_HILL_WT_PWR 323825	36.50 0.68 0.00	31.76 0.59 0.00	28.63 0.59 0.00	27.14 0.43 0.00	27.60 0.38 0.00	29.49 0.49 0.00	33.84 0.60 0.00	36.85 0.44 0.00	39.57 0.93 0.00	46.50 1.70 0.00	56.88 2.19 0.00	64.70 2.96 0.00	72.56 3.98 0.00	75.14 3.44 0.00	80.50 3.54 0.00	138.33 1.37 0.00	143.15 0.72 0.00	130.69 0.65 0.00	117.26 1.28 0.00	92.15 2.68 0.00	57.52 2.74 0.00	61.31 2.07 0.00	51.36 0.31 0.00	41.38 0.77 0.00
BARON_WINDS___WT_PWR 323822	36.82 0.65 -0.36	31.90 0.56 -0.18	28.60 0.51 -0.06	27.07 0.35 0.00	27.57 0.33 -0.02	29.52 0.44 -0.09	34.20 0.66 -0.29	37.34 0.73 -0.21	39.86 0.81 -0.40	46.71 1.39 -0.52	57.27 1.75 -0.83	64.86 2.22 -0.91	72.63 3.01 -1.04	75.92 2.72 -1.50	81.81 3.16 -1.70	141.60 1.92 -2.72	146.88 1.72 -2.73	134.22 1.95 -2.23	120.19 2.44 -1.77	93.98 3.13 -1.38	58.36 2.74 -0.84	62.14 2.25 -0.65	52.37 0.92 -0.40	41.86 0.85 -0.40
BARRETT_IC_1 23704	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49
BARRETT_IC_10 23701	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49
BARRETT_IC_11 23702	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49
BARRETT_IC_12 23703	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49
BARRETT_IC_2 23705	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49
BARRETT_IC_3 23706	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49
BARRETT_IC_4 23707	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49

BARRETT_IC_5 23708	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49
BARRETT_IC_6 23709	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49
BARRETT_IC_7 23710	47.77 3.55 -8.40	46.36 3.05 -12.14	44.29 2.66 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.81 2.83 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.57 3.76 0.00	59.17 4.48 0.00	66.86 5.12 0.00	74.34 5.76 0.00	77.94 6.24 0.00	87.13 6.54 -3.63	161.73 13.42 -11.34	194.06 14.24 -37.38	265.10 13.00 -122.07	190.24 11.25 -63.01	123.24 7.78 -25.99	75.82 4.11 -16.93	71.14 4.92 -6.99	56.26 5.21 0.00	51.35 4.26 -6.48
BARRETT_IC_8 23711	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49
BARRETT_IC_9 23700	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49
BARRETT___1 23545	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49
BARRETT___2 23546	47.77 3.55 -8.40	46.36 3.06 -12.14	44.29 2.67 -13.59	39.93 2.46 -10.75	38.46 2.45 -8.79	39.34 2.61 -7.73	41.80 2.82 -5.74	45.14 3.57 -5.16	46.58 3.94 -3.99	48.48 3.67 0.00	59.17 4.49 0.00	66.85 5.12 0.00	74.27 5.69 0.00	77.93 6.23 0.00	87.12 6.54 -3.63	161.59 13.28 -11.34	194.05 14.24 -37.38	265.10 13.00 -122.07	190.37 11.37 -63.01	123.23 7.78 -25.98	78.27 4.11 -19.38	71.14 4.91 -6.99	56.27 5.21 -0.01	51.36 4.26 -6.49
BATAVIA__115KV_TB1 55881	36.61 0.79 0.00	31.79 0.62 0.00	28.66 0.62 0.00	27.17 0.45 0.00	27.74 0.52 0.00	29.60 0.61 0.00	33.94 0.70 0.00	37.03 0.62 0.00	39.53 0.89 0.00	46.28 1.48 0.00	56.71 2.02 0.00	63.65 1.91 0.00	71.05 2.47 0.00	73.63 1.94 0.00	79.03 2.08 0.00	136.14 -0.82 0.00	140.58 -1.85 0.00	128.74 -1.30 0.00	116.10 0.12 0.00	91.35 1.88 0.00	56.97 2.19 0.00	61.60 2.37 0.00	51.46 0.41 0.00	41.50 0.89 0.00
BAYONEEC___CTG1 323682	39.12 3.29 0.00	34.00 2.84 0.00	30.51 2.47 0.00	28.96 2.24 0.00	29.40 2.18 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.59 3.94 0.00	48.03 3.81 0.58	51.80 4.87 7.75	66.92 5.19 0.00	72.30 5.49 1.76	76.46 6.23 1.47	76.30 6.54 7.19	135.68 13.28 14.57	140.98 13.81 15.27	141.35 12.61 1.29	134.17 11.02 -7.16	99.18 7.70 -2.01	60.67 3.89 -2.00	55.82 4.50 7.91	54.03 4.64 1.66	44.55 3.94 0.00
BAYONEEC___CTG10 323750	39.12 3.29 0.00	34.00 2.84 0.00	30.51 2.47 0.00	28.96 2.24 0.00	29.40 2.18 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.59 3.94 0.00	48.03 3.81 0.58	51.80 4.87 7.75	66.92 5.19 0.00	72.30 5.49 1.76	76.46 6.23 1.47	76.30 6.54 7.19	135.68 13.28 14.57	140.98 13.81 15.27	141.35 12.61 1.29	134.17 11.02 -7.16	99.18 7.70 -2.01	60.67 3.89 -2.00	55.82 4.50 7.91	54.03 4.64 1.66	44.55 3.94 0.00
BAYONEEC___CTG2 323683	39.12 3.29 0.00	34.00 2.84 0.00	30.51 2.47 0.00	28.96 2.24 0.00	29.40 2.18 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.59 3.94 0.00	48.03 3.81 0.58	51.80 4.87 7.75	66.92 5.19 0.00	72.30 5.49 1.76	76.46 6.23 1.47	76.30 6.54 7.19	135.68 13.28 14.57	140.98 13.81 15.27	141.35 12.61 1.29	134.17 11.02 -7.16	99.18 7.70 -2.01	60.67 3.89 -2.00	55.82 4.50 7.91	54.03 4.64 1.66	44.55 3.94 0.00
BAYONEEC___CTG3 323684	39.12 3.29 0.00	34.00 2.84 0.00	30.51 2.47 0.00	28.96 2.24 0.00	29.40 2.18 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.59 3.94 0.00	48.03 3.81 0.58	51.80 4.87 7.75	66.92 5.19 0.00	72.30 5.49 1.76	76.46 6.23 1.47	76.30 6.54 7.19	135.68 13.28 14.57	140.98 13.81 15.27	141.35 12.61 1.29	134.17 11.02 -7.16	99.18 7.70 -2.01	60.67 3.89 -2.00	55.82 4.50 7.91	54.03 4.64 1.66	44.55 3.94 0.00
BAYONEEC___CTG4 323685	39.12 3.29 0.00	34.00 2.84 0.00	30.51 2.47 0.00	28.96 2.24 0.00	29.40 2.18 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.59 3.94 0.00	48.03 3.81 0.58	51.80 4.87 7.75	66.92 5.19 0.00	72.30 5.49 1.76	76.46 6.23 1.47	76.30 6.54 7.19	135.68 13.28 14.57	140.98 13.81 15.27	141.35 12.61 1.29	134.17 11.02 -7.16	99.18 7.70 -2.01	60.67 3.89 -2.00	55.82 4.50 7.91	54.03 4.64 1.66	44.55 3.94 0.00
BAYONEEC___CTG5 323686	39.12 3.29 0.00	34.00 2.84 0.00	30.51 2.47 0.00	28.96 2.24 0.00	29.40 2.18 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.59 3.94 0.00	48.03 3.81 0.58	51.80 4.87 7.75	66.92 5.19 0.00	72.30 5.49 1.76	76.46 6.23 1.47	76.30 6.54 7.19	135.68 13.28 14.57	140.98 13.81 15.27	141.35 12.61 1.29	134.17 11.02 -7.16	99.18 7.70 -2.01	60.67 3.89 -2.00	55.82 4.50 7.91	54.03 4.64 1.66	44.55 3.94 0.00
BAYONEEC___CTG6 323687	39.12 3.29 0.00	34.00 2.84 0.00	30.51 2.47 0.00	28.96 2.24 0.00	29.40 2.18 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.59 3.94 0.00	48.03 3.81 0.58	51.80 4.87 7.75	66.92 5.19 0.00	72.30 5.49 1.76	76.46 6.23 1.47	76.30 6.54 7.19	135.68 13.28 14.57	140.98 13.81 15.27	141.35 12.61 1.29	134.17 11.02 -7.16	99.18 7.70 -2.01	60.67 3.89 -2.00	55.82 4.50 7.91	54.03 4.64 1.66	44.55 3.94 0.00

BAYONEEC___CTG7 323688	39.12 3.29 0.00	34.00 2.84 0.00	30.51 2.47 0.00	28.96 2.24 0.00	29.40 2.18 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.59 3.94 0.00	48.03 3.81 0.58	51.80 4.87 7.75	66.92 5.19 0.00	72.30 5.49 1.76	76.46 6.23 1.47	76.30 6.54 7.19	135.68 13.28 14.57	140.98 13.81 15.27	141.35 12.61 1.29	134.17 11.02 -7.16	99.18 7.70 -2.01	60.67 3.89 -2.00	55.82 4.50 7.91	54.03 4.64 1.66	44.55 3.94 0.00
BAYONEEC___CTG8 323689	39.12 3.29 0.00	34.00 2.84 0.00	30.51 2.47 0.00	28.96 2.24 0.00	29.40 2.18 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.59 3.94 0.00	48.03 3.81 0.58	51.80 4.87 7.75	66.92 5.19 0.00	72.30 5.49 1.76	76.46 6.23 1.47	76.30 6.54 7.19	135.68 13.28 14.57	140.98 13.81 15.27	141.35 12.61 1.29	134.17 11.02 -7.16	99.18 7.70 -2.01	60.67 3.89 -2.00	55.82 4.50 7.91	54.03 4.64 1.66	44.55 3.94 0.00
BAYONEEC___CTG9 323749	39.12 3.29 0.00	34.00 2.84 0.00	30.51 2.47 0.00	28.96 2.24 0.00	29.40 2.18 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.59 3.94 0.00	48.03 3.81 0.58	51.80 4.87 7.75	66.92 5.19 0.00	72.30 5.49 1.76	76.46 6.23 1.47	76.30 6.54 7.19	135.68 13.28 14.57	140.98 13.81 15.27	141.35 12.61 1.29	134.17 11.02 -7.16	99.18 7.70 -2.01	60.67 3.89 -2.00	55.82 4.50 7.91	54.03 4.64 1.66	44.55 3.94 0.00
BEACON___LESR 323632	37.11 1.29 0.00	32.29 1.12 0.00	29.05 1.01 0.00	27.65 0.93 0.00	28.17 0.95 0.00	30.04 1.04 0.00	34.34 1.10 0.00	37.83 1.42 0.00	40.15 1.51 0.00	46.50 1.70 0.00	56.77 2.08 0.00	64.27 2.53 0.00	71.33 2.75 0.00	74.60 2.94 0.03	54.37 3.38 25.97	17.37 6.85 126.44	24.20 7.12 125.35	55.51 6.37 80.90	57.24 5.34 64.08	80.64 3.84 12.67	74.24 2.13 -17.32	89.74 2.49 -28.02	53.45 2.40 0.00	42.44 1.83 0.00
BEAVER RIVER___HYD 24048	31.08 -1.50 3.24	27.37 -1.31 2.49	24.90 -1.18 1.96	24.03 -0.91 1.77	24.50 -0.87 1.85	25.99 -0.87 2.14	29.69 -0.76 2.79	35.75 -0.73 -0.07	33.78 -1.04 3.83	44.96 -1.03 -1.18	46.17 -1.42 7.10	59.06 -1.42 1.26	0.56 -1.71 66.31	0.25 -1.65 69.80	0.20 -1.92 74.83	0.10 -3.42 133.45	0.10 -3.70 138.63	0.10 -2.99 126.95	0.20 -1.86 113.93	91.99 -0.72 -3.24	56.59 -0.16 -1.98	60.42 -0.35 -1.54	51.13 -0.87 -0.95	40.62 -0.93 -0.95
BEEBEE_GT_13 23619	36.25 0.43 0.00	31.45 0.28 0.00	28.35 0.31 0.00	26.90 0.19 0.00	27.46 0.24 0.00	29.29 0.29 0.00	33.61 0.37 0.00	36.66 0.25 0.00	39.14 0.50 0.00	45.79 0.99 0.00	56.16 1.48 0.00	63.83 2.10 0.00	71.19 2.61 0.00	73.99 2.29 0.00	79.42 2.46 0.00	138.33 1.37 0.00	143.00 0.57 0.00	130.82 0.78 0.00	117.38 1.39 0.00	91.71 2.24 0.00	56.81 2.03 0.00	60.77 1.54 0.00	51.25 0.20 0.00	41.01 0.41 0.00
BENSHRST_27_KV_BENSHRST_1 355998	39.73 3.90 -0.01	34.54 3.37 -0.01	30.99 2.94 -0.01	29.42 2.70 -0.01	29.87 2.64 -0.01	31.81 2.81 0.00	36.34 3.09 0.00	40.45 4.04 0.00	43.01 4.37 0.00	49.10 4.30 0.00	60.05 5.36 0.00	67.54 5.80 0.00	74.61 6.03 0.01	78.50 6.81 0.01	84.92 7.23 -0.73	160.24 14.24 -9.03	165.42 14.81 -8.18	167.32 13.52 -23.76	158.93 12.18 -30.77	123.58 8.50 -25.62	71.82 4.16 -12.88	71.07 4.86 -6.98	85.08 5.26 -28.77	44.99 4.39 0.00
BETHLEHEM___GRP 23843	36.54 0.72 0.00	31.79 0.62 0.00	28.60 0.56 0.00	27.25 0.53 0.00	27.74 0.52 0.00	29.58 0.58 0.00	33.78 0.53 0.00	37.21 0.80 0.00	39.49 0.85 0.00	45.65 0.85 0.00	55.78 1.09 0.00	63.03 1.30 0.00	69.95 1.37 0.00	73.18 1.51 0.02	65.20 1.77 13.52	76.87 3.70 63.80	81.48 3.85 64.80	128.42 3.38 5.00	138.47 2.67 -19.82	134.18 1.88 -42.83	105.69 0.93 -49.98	93.30 1.18 -32.88	52.38 1.33 0.00	41.66 1.06 0.00
BETHLEHEM___GS1 323560	36.54 0.72 0.00	31.79 0.62 0.00	28.60 0.56 0.00	27.25 0.53 0.00	27.73 0.52 0.00	29.58 0.58 0.00	33.77 0.53 0.00	37.21 0.80 0.00	39.49 0.85 0.00	45.65 0.85 0.00	55.78 1.09 0.00	63.03 1.30 0.00	69.95 1.37 0.00	73.19 1.51 0.02	65.12 1.69 13.52	76.87 3.70 63.80	81.48 3.85 64.80	128.41 3.38 5.00	138.47 2.67 -19.82	134.18 1.88 -42.83	105.69 0.93 -49.98	93.30 1.18 -32.88	52.38 1.33 0.00	41.66 1.05 0.00
BETHLEHEM___GS2 323561	36.54 0.72 0.00	31.79 0.62 0.00	28.60 0.56 0.00	27.25 0.53 0.00	27.73 0.52 0.00	29.58 0.58 0.00	33.77 0.53 0.00	37.21 0.80 0.00	39.49 0.85 0.00	45.65 0.85 0.00	55.78 1.09 0.00	63.03 1.30 0.00	69.95 1.37 0.00	73.19 1.51 0.02	65.12 1.69 13.52	76.87 3.70 63.80	81.48 3.85 64.80	128.41 3.38 5.00	138.47 2.67 -19.82	134.18 1.88 -42.83	105.69 0.93 -49.98	93.30 1.18 -32.88	52.38 1.33 0.00	41.66 1.05 0.00
BETHLEHEM___GS3 323562	36.54 0.72 0.00	31.79 0.62 0.00	28.60 0.56 0.00	27.25 0.53 0.00	27.73 0.52 0.00	29.58 0.58 0.00	33.77 0.53 0.00	37.21 0.80 0.00	39.49 0.85 0.00	45.65 0.85 0.00	55.78 1.09 0.00	63.03 1.30 0.00	69.95 1.37 0.00	73.19 1.51 0.02	65.12 1.69 13.52	76.87 3.70 63.80	81.48 3.85 64.80	128.41 3.38 5.00	138.47 2.67 -19.82	134.18 1.88 -42.83	105.69 0.93 -49.98	93.30 1.18 -32.88	52.38 1.33 0.00	41.66 1.05 0.00
BETHLEHEM___STEEL 23779	36.32 0.50 0.00	31.60 0.44 0.00	28.46 0.42 0.00	27.01 0.29 0.00	27.46 0.24 0.00	29.31 0.32 0.00	33.64 0.40 0.00	36.66 0.25 0.00	39.26 0.62 0.00	45.97 1.16 0.00	56.44 1.75 0.00	64.14 2.41 0.00	71.60 3.02 0.00	74.28 2.58 0.00	79.65 2.69 0.00	136.69 -0.27 0.00	141.15 -1.28 0.00	129.00 -1.04 0.00	116.22 0.23 0.00	91.53 2.06 0.00	57.03 2.25 0.00	60.83 1.60 0.00	50.95 -0.10 0.00	41.18 0.57 0.00
BETHLHEM_115KV_TB1 79974	36.61 0.79 0.00	31.85 0.69 0.00	28.66 0.62 0.00	27.30 0.59 0.00	27.79 0.57 0.00	29.63 0.64 0.00	33.84 0.60 0.00	37.28 0.87 0.00	39.57 0.93 0.00	45.79 0.99 0.00	55.89 1.20 0.00	63.21 1.48 0.00	70.09 1.51 0.00	73.33 1.65 0.02	66.07 1.85 12.73	81.05 3.97 59.89	85.69 4.13 60.87	129.88 3.51 3.66	138.99 2.90 -20.10	133.15 2.06 -41.62	103.86 1.04 -48.04	91.93 1.30 -31.39	52.48 1.43 0.00	41.75 1.14 0.00
BETHPAGE_CC_5 323564	47.77 3.55 -8.40	46.39 3.09 -12.14	44.37 2.75 -13.59	40.03 2.56 -10.75	38.54 2.53 -8.79	39.48 2.76 -7.73	42.07 3.09 -5.74	45.47 3.90 -5.16	46.93 4.29 -3.99	48.79 3.99 0.00	59.82 4.98 -0.16	68.69 5.68 -1.28	76.34 6.44 -1.32	82.10 7.24 -3.17	113.70 7.69 -29.05	183.27 15.34 -30.97	220.63 16.51 -61.68	280.59 14.95 -135.60	206.35 13.10 -77.26	131.05 9.03 -32.55	84.05 4.87 -24.40	74.73 5.45 -10.05	56.41 5.21 -0.15	51.38 4.26 -6.51
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.43 0.61 0.00	31.66 0.50 0.00	28.52 0.48 0.00	27.04 0.32 0.00	27.49 0.27 0.00	29.37 0.38 0.00	33.71 0.47 0.00	36.77 0.36 0.00	39.38 0.73 0.00	46.15 1.34 0.00	56.66 1.97 0.00	64.39 2.65 0.00	71.87 3.29 0.00	74.56 2.87 0.00	79.96 3.00 0.00	137.38 0.41 0.00	141.86 -0.57 0.00	129.52 -0.52 0.00	116.68 0.70 0.00	91.89 2.42 0.00	57.25 2.47 0.00	61.07 1.84 0.00	51.15 0.10 0.00	41.26 0.65 0.00

BINGHAMTON___COGEN 23790	37.33 0.86 -0.65	32.23 0.75 -0.32	28.82 0.67 -0.10	27.28 0.56 -0.01	27.83 0.57 -0.04	29.83 0.67 -0.16	34.60 0.83 -0.53	37.80 1.02 -0.37	40.52 1.16 -0.72	47.21 1.48 -0.93	58.11 1.91 -1.50	65.84 2.47 -1.64	73.34 2.88 -1.88	77.27 2.87 -2.70	83.18 3.16 -3.07	146.79 4.11 -5.72	152.03 4.13 -5.46	144.19 3.77 -10.38	131.68 3.60 -12.10	103.46 3.40 -10.59	65.00 2.36 -7.87	65.45 2.19 -4.02	53.21 1.43 -0.73	42.47 1.14 -0.73
BIXINCNT_115KV_LOAD 355685	36.43 0.61 0.00	31.63 0.47 0.00	28.35 0.31 0.00	26.96 0.24 0.00	27.27 0.05 0.00	29.29 0.29 0.00	33.71 0.47 0.00	36.99 0.58 0.00	39.61 0.97 0.00	46.28 1.48 0.00	57.04 2.35 0.00	64.76 3.02 0.00	72.28 3.70 0.00	75.07 3.37 0.00	80.57 3.62 0.00	138.47 1.51 0.00	143.15 0.71 0.00	130.82 0.78 0.00	117.73 1.74 0.00	92.51 3.04 0.00	57.74 2.96 0.00	61.43 2.19 0.00	51.36 0.31 0.00	41.22 0.61 0.00
BLACK RIVER___HYD 24047	33.18 -1.22 1.42	28.82 -1.03 1.32	25.82 -0.98 1.24	24.66 -0.83 1.23	25.19 -0.79 1.24	26.96 -0.75 1.28	31.42 -0.57 1.26	36.47 -0.47 -0.53	36.10 -0.81 1.73	46.04 -0.81 -2.04	50.64 -1.04 3.00	62.17 -0.80 -1.24	24.60 -0.89 43.09	26.52 -0.86 44.32	28.48 -1.23 47.24	49.38 -2.33 85.25	50.59 -3.00 88.84	45.72 -2.34 81.98	41.31 -0.81 73.87	95.41 0.45 -5.49	58.79 0.66 -3.35	62.26 0.42 -2.61	52.25 -0.41 -1.61	41.52 -0.69 -1.61
BLACKRVR_115KV_TB2 79977	33.18 -1.22 1.42	28.82 -1.03 1.32	25.82 -0.98 1.24	24.66 -0.83 1.23	25.19 -0.79 1.24	26.96 -0.75 1.28	31.42 -0.57 1.26	36.47 -0.47 -0.53	36.10 -0.81 1.73	46.04 -0.81 -2.04	50.65 -1.04 3.00	62.17 -0.80 -1.24	23.16 -2.26 43.16	27.50 -2.29 41.91	27.10 -2.62 47.24	46.89 -4.66 85.42	48.13 -5.27 89.03	43.47 -4.42 82.15	39.10 -3.02 73.87	93.62 -1.34 -5.49	58.78 0.66 -3.35	62.26 0.41 -2.61	52.25 -0.41 -1.61	41.52 -0.69 -1.61
BLISS_WT_PWR 323608	36.32 0.50 0.00	31.57 0.40 0.00	28.26 0.22 0.00	26.85 0.13 0.00	27.14 -0.08 0.00	29.20 0.20 0.00	33.61 0.37 0.00	36.81 0.40 0.00	39.53 0.89 0.00	46.33 1.52 0.00	56.98 2.30 0.00	64.64 2.90 0.00	72.42 3.84 0.00	75.07 3.37 0.00	80.57 3.62 0.00	138.47 1.51 0.00	143.44 1.00 0.00	130.95 0.92 0.00	117.61 1.62 0.00	92.25 2.78 0.00	57.68 2.90 0.00	61.31 2.07 0.00	51.31 0.26 0.00	41.10 0.49 0.00
BLUESTONE___WT_PWR 323821	38.92 2.54 -0.56	33.72 2.27 -0.28	30.09 1.96 -0.09	28.48 1.76 -0.01	29.13 1.88 -0.04	31.23 2.09 -0.14	36.39 2.69 -0.45	39.90 3.17 -0.32	42.43 3.17 -0.62	49.55 3.94 -0.80	60.74 4.76 -1.29	69.13 5.99 -1.41	77.12 6.92 -1.61	81.19 7.17 -2.32	87.29 7.69 -2.65	155.60 12.87 -5.76	160.95 13.25 -5.27	158.16 12.48 -15.64	147.52 11.71 -19.82	116.90 9.75 -17.68	74.61 6.35 -13.48	71.91 6.22 -6.45	56.22 4.54 -0.63	44.60 3.37 -0.63
BLUE_CIRC_CHEM_DRP 24182	36.93 1.11 0.00	32.13 0.97 0.00	28.94 0.90 0.00	27.57 0.85 0.00	28.06 0.84 0.00	29.92 0.93 0.00	34.18 0.93 0.00	37.50 1.09 0.00	39.72 1.08 0.00	45.92 1.12 0.00	56.00 1.31 0.00	63.28 1.54 0.00	68.92 0.34 0.00	72.04 0.36 0.02	64.91 0.62 12.66	78.82 1.64 59.78	84.17 1.85 60.11	112.83 1.56 18.77	115.44 1.39 1.94	111.23 0.98 -20.78	85.47 0.49 -30.20	83.32 0.71 -23.37	52.94 1.89 0.00	42.07 1.46 0.00
BOC_GAS_DRP 24189	36.79 0.97 0.00	32.01 0.84 0.00	28.80 0.76 0.00	27.44 0.72 0.00	27.93 0.71 0.00	29.78 0.78 0.00	34.04 0.80 0.00	37.47 1.06 0.00	39.80 1.16 0.00	45.97 1.16 0.00	56.16 1.48 0.00	63.46 1.73 0.00	70.36 1.78 0.00	73.55 1.86 0.01	70.71 2.08 8.32	102.92 4.11 38.16	107.66 4.27 39.05	137.56 3.77 -3.75	140.79 3.13 -21.67	126.59 2.24 -34.89	93.21 1.21 -37.23	83.84 1.48 -23.12	52.68 1.63 0.00	41.91 1.30 0.00
BOONVILLE_115KV_TB1 79983	34.93 0.25 1.14	30.49 0.22 0.90	27.51 0.20 0.73	26.31 0.27 0.67	26.85 0.33 0.69	28.62 0.41 0.79	32.89 0.63 0.99	37.32 0.84 -0.07	38.06 0.77 1.35	46.40 1.03 -0.57	53.41 1.20 2.49	62.89 1.42 0.26	96.05 1.23 -26.24	108.43 1.36 -35.37	118.34 1.46 -39.93	191.43 2.74 -51.72	196.22 2.71 -51.08	179.84 2.60 -47.20	177.57 2.67 -58.92	93.43 2.42 -1.55	57.69 1.97 -0.94	62.04 2.07 -0.74	52.88 1.38 -0.45	41.95 0.89 -0.45
BORALEX_4TH_BRANCH 23824	38.11 2.29 0.00	33.07 1.90 0.00	29.78 1.74 0.00	28.37 1.66 0.00	28.85 1.63 0.00	30.82 1.83 0.00	35.11 1.86 0.00	38.81 2.40 0.00	41.27 2.63 0.00	47.63 2.82 0.00	58.35 3.66 0.00	65.93 4.20 0.00	73.24 4.66 0.00	76.66 4.95 -0.01	93.69 5.39 -11.35	209.44 10.14 -62.34	208.92 10.68 -55.80	317.92 9.49 -178.40	357.47 8.24 -233.25	292.42 6.35 -196.60	209.82 3.62 -151.43	122.00 4.03 -58.74	54.67 3.62 0.00	43.45 2.84 0.00
BOWLINE___1 23526	38.47 2.65 0.00	33.50 2.34 0.00	30.09 2.05 0.00	28.58 1.87 0.00	29.04 1.82 0.00	30.99 2.00 0.00	35.40 2.16 0.00	39.32 2.91 0.00	41.85 3.21 0.00	48.03 3.23 0.00	58.84 4.15 0.00	66.37 4.63 0.00	73.58 5.00 0.00	77.29 5.60 0.00	82.80 5.85 0.00	157.07 11.78 -8.33	162.34 12.39 -7.52	163.70 11.31 -22.36	154.75 9.74 -29.02	120.60 6.89 -24.24	72.67 3.61 -14.28	69.64 4.03 -6.38	55.03 3.98 0.00	43.86 3.25 0.00
BOWLINE___2 23595	38.40 2.58 0.00	33.47 2.31 0.00	30.09 2.05 0.00	28.58 1.87 0.00	29.04 1.82 0.00	30.99 2.00 0.00	35.37 2.13 0.00	39.25 2.84 0.00	41.77 3.13 0.00	47.94 3.14 0.00	58.74 4.05 0.00	66.24 4.50 0.00	73.45 4.87 0.00	77.14 5.45 0.00	82.65 5.69 0.00	156.80 11.51 -8.33	162.21 12.25 -7.52	163.45 11.05 -22.37	154.52 9.51 -29.02	120.43 6.71 -24.25	72.57 3.51 -14.28	69.52 3.91 -6.38	54.93 3.88 0.00	43.78 3.17 0.00
BRADY___115KV_TB2 356060	20.24 -1.50 14.07	19.93 -1.22 10.02	19.72 -1.09 7.23	19.64 -0.94 6.14	19.70 -0.95 6.57	19.82 -1.07 8.11	20.18 -1.06 12.00	33.51 -1.46 1.44	20.43 -1.78 16.44	42.85 -1.84 0.11	20.72 -2.73 31.23	46.70 -3.33 11.70	19.22 -4.05 45.31	52.57 -4.16 14.97	55.60 -4.46 16.89	28.40 -7.53 101.03	20.96 -7.41 114.07	22.72 -6.89 100.43	84.89 -5.80 25.30	85.09 -4.38 0.00	52.53 -2.25 0.00	56.81 -2.43 0.00	48.80 -2.25 0.00	38.86 -1.75 0.00
BRANSCOMB___SOLAR 323811	38.04 2.22 0.00	33.00 1.84 0.00	29.67 1.63 0.00	28.26 1.55 0.00	28.74 1.52 0.00	30.71 1.71 0.00	35.07 1.83 0.00	38.63 2.22 0.00	41.00 2.36 0.00	47.63 2.82 0.00	58.08 3.39 0.00	65.93 4.20 0.00	73.31 4.73 0.00	76.58 4.88 -0.01	91.46 5.46 -9.05	205.81 10.14 -58.71	203.84 10.54 -50.86	346.84 9.88 -206.93	401.38 9.05 -276.34	335.17 7.07 -238.64	243.24 4.33 -184.14	139.12 4.74 -75.15	55.08 4.03 0.00	43.53 2.93 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	48.38 4.16 -8.40	46.98 3.68 -12.14	44.88 3.25 -13.59	40.49 3.02 -10.75	38.98 2.97 -8.79	39.97 3.25 -7.73	42.70 3.72 -5.74	46.23 4.66 -5.16	47.74 5.10 -3.99	49.73 4.93 0.00	62.04 5.58 -1.77	81.74 5.93 -14.08	90.00 6.93 -14.49	114.26 7.67 -34.89	125.41 8.16 -40.30	186.88 16.16 -33.75	221.42 17.23 -61.75	274.00 15.73 -128.23	210.70 13.80 -80.91	165.60 9.75 -66.37	132.28 5.31 -72.18	105.74 5.80 -40.70	58.50 5.77 -1.68	52.07 4.67 -6.79

BRISTLHL_115KV_TB1 79998	38.35 -0.25 -2.78	32.19 -0.28 -1.30	28.10 -0.25 -0.31	26.32 -0.27 0.12	26.98 -0.27 -0.03	29.33 -0.26 -0.59	35.27 -0.23 -2.26	38.01 -0.18 -1.78	41.49 -0.23 -3.08	49.20 -0.13 -4.53	61.08 -0.11 -6.50	69.50 0.12 -7.64	74.07 0.27 -5.22	81.44 0.22 -9.53	88.06 0.23 -10.88	152.56 -0.27 -15.87	157.22 -0.71 -15.50	141.43 -0.52 -11.91	125.18 -0.23 -9.43	101.72 0.18 -12.07	62.35 0.22 -7.35	64.98 0.00 -5.74	54.29 -0.31 -3.55	43.77 -0.37 -3.53
BROOKHAVEN___DRP 24191	48.39 4.16 -8.41	46.92 3.62 -12.14	44.79 3.17 -13.59	40.38 2.91 -10.75	38.87 2.86 -8.79	39.86 3.13 -7.73	42.54 3.56 -5.74	46.08 4.51 -5.16	47.70 5.06 -3.99	49.74 4.93 -0.01	68.85 5.80 -8.37	134.82 6.54 -66.54	144.63 7.54 -68.51	244.95 8.32 -164.93	229.63 8.70 -143.98	244.79 16.85 -90.98	279.81 17.80 -119.57	278.13 16.25 -131.84	259.02 14.27 -128.77	312.22 10.20 -212.56	338.66 5.75 -278.13	231.91 6.34 -166.34	64.86 5.87 -7.94	53.36 4.79 -7.96
BROOKLYN_NAVY_YARD 23515	39.15 3.33 0.00	34.00 2.84 0.00	30.53 2.49 0.00	28.96 2.24 0.00	29.40 2.18 0.00	31.34 2.35 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.62 3.98 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.20 5.62 0.00	78.08 6.38 0.00	84.38 6.69 -0.73	159.70 13.69 -9.04	165.00 14.38 -8.18	166.81 13.00 -23.77	158.24 11.49 -30.77	123.05 7.96 -25.62	75.71 4.00 -16.93	70.90 4.68 -6.99	55.80 4.75 0.00	44.55 3.94 0.00
BROOKLYN___ARMY_DRP 323595	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.41 12.61 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
BROOKVLE_69_KV_TB1 55790	48.24 4.01 -8.40	46.73 3.43 -12.14	44.65 3.03 -13.59	40.25 2.78 -10.75	38.76 2.75 -8.79	39.68 2.96 -7.73	42.30 3.32 -5.74	45.79 4.22 -5.16	47.35 4.71 -3.99	49.42 4.61 0.00	60.49 5.80 0.00	68.40 6.67 0.00	76.19 7.61 0.00	80.16 8.46 0.00	172.47 9.00 -86.51	231.98 17.67 -77.34	281.35 18.66 -120.26	317.69 16.90 -170.75	241.09 14.73 -110.37	136.69 10.38 -36.84	77.35 5.64 -16.93	72.50 6.28 -6.99	56.92 5.87 0.00	51.80 4.71 -6.48
BROOME_2_LFGE 323671	37.33 0.86 -0.65	32.23 0.75 -0.32	28.81 0.67 -0.10	27.28 0.56 -0.01	27.83 0.57 -0.04	29.83 0.67 -0.16	34.60 0.83 -0.53	37.80 1.02 -0.37	40.52 1.16 -0.72	47.26 1.52 -0.93	58.11 1.91 -1.50	65.84 2.47 -1.64	73.47 3.01 -1.88	77.34 2.94 -2.70	83.19 3.16 -3.07	146.93 4.25 -5.72	152.03 4.13 -5.46	144.31 3.90 -10.38	131.80 3.71 -12.10	103.46 3.40 -10.59	65.00 2.35 -7.87	65.45 2.19 -4.02	53.21 1.43 -0.73	42.47 1.14 -0.73
BROOME___LFGE 323600	37.33 0.86 -0.65	32.23 0.75 -0.32	28.81 0.67 -0.10	27.28 0.56 -0.01	27.83 0.57 -0.04	29.83 0.67 -0.16	34.60 0.83 -0.53	37.80 1.02 -0.37	40.52 1.16 -0.72	47.26 1.52 -0.93	58.11 1.91 -1.50	65.84 2.47 -1.64	73.47 3.01 -1.88	77.34 2.94 -2.70	83.19 3.16 -3.07	146.93 4.25 -5.72	152.03 4.13 -5.46	144.31 3.90 -10.38	131.80 3.71 -12.10	103.46 3.40 -10.59	65.00 2.35 -7.87	65.45 2.19 -4.02	53.21 1.43 -0.73	42.47 1.14 -0.73
BROWNFLS_115KV_TB_3_5 80003	26.80 -2.26 6.76	24.30 -1.93 4.94	22.63 -1.74 3.68	22.02 -1.50 3.20	22.33 -1.50 3.39	23.35 -1.57 4.08	25.87 -1.60 5.78	34.24 -1.75 0.42	28.63 -2.09 7.93	43.34 -2.24 -0.77	36.74 -3.01 14.94	53.70 -3.40 4.64	7.68 -4.73 56.17	21.26 -4.80 45.64	20.24 -5.23 51.48	11.87 -8.77 116.33	9.45 -8.97 124.01	9.76 -8.06 112.22	30.66 -6.96 78.36	86.59 -5.10 -2.22	53.94 -2.19 -1.35	57.86 -2.43 -1.06	49.25 -2.45 -0.65	39.15 -2.11 -0.65
BROWNSV1_27_KV_LOAD 356125	39.55 3.73 0.00	34.34 3.18 0.00	30.82 2.78 0.00	29.25 2.54 0.00	29.70 2.48 0.00	31.66 2.67 0.00	36.27 3.03 0.00	40.38 3.97 0.00	43.05 4.41 0.00	49.28 4.48 0.00	60.32 5.63 0.00	67.84 6.11 0.00	75.16 6.58 0.00	79.01 7.31 0.00	85.38 7.70 -0.73	161.48 15.48 -9.04	166.71 16.09 -8.18	168.50 14.69 -23.77	159.74 12.99 -30.77	124.31 9.22 -25.62	76.42 4.71 -16.93	71.67 5.45 -6.99	56.46 5.41 0.00	45.07 4.47 0.00
BURROWS___LYONSDAL 23803	34.13 -0.14 1.55	29.83 -0.12 1.21	26.96 -0.11 0.97	25.86 0.03 0.89	26.41 0.11 0.92	28.12 0.17 1.05	32.27 0.37 1.34	37.03 0.55 -0.07	37.23 0.43 1.84	46.12 0.63 -0.69	52.01 0.71 3.39	62.14 0.86 0.46	103.93 0.41 -34.94	119.29 0.57 -47.02	130.57 0.54 -53.08	206.99 1.23 -68.79	211.52 1.14 -67.95	194.15 1.30 -62.82	195.92 1.51 -78.43	92.87 1.52 -1.88	57.51 1.59 -1.14	61.79 1.66 -0.89	52.57 0.97 -0.55	41.73 0.57 -0.55
CAITHNESS_CC_1 323624	48.32 4.08 -8.41	46.89 3.58 -12.14	44.74 3.11 -13.59	40.36 2.89 -10.75	38.84 2.83 -8.79	39.83 3.10 -7.73	42.50 3.52 -5.74	46.08 4.51 -5.16	47.62 4.99 -3.99	49.47 4.66 -0.01	68.64 5.63 -8.32	134.25 6.36 -66.15	143.95 7.27 -68.10	243.76 8.10 -163.96	228.57 8.47 -143.15	244.04 16.57 -90.51	278.89 17.37 -119.09	277.67 15.86 -131.78	258.28 13.91 -128.38	310.77 9.84 -211.46	339.36 5.53 -279.05	230.80 6.16 -165.40	64.71 5.77 -7.89	53.27 4.71 -7.95
CALPINE BETH_PAGE_GT4 24209	47.73 3.51 -8.40	46.33 3.02 -12.14	44.37 2.75 -13.59	40.03 2.56 -10.75	38.52 2.50 -8.79	39.45 2.73 -7.73	42.04 3.06 -5.74	45.36 3.79 -5.16	46.85 4.21 -3.99	48.88 4.08 0.00	59.73 4.92 -0.12	68.33 5.62 -0.98	76.10 6.52 -1.01	81.37 7.24 -2.43	120.18 7.70 -35.53	188.72 15.48 -36.27	227.38 16.52 -68.43	284.85 15.08 -139.73	210.12 13.11 -81.03	131.24 9.13 -32.65	80.43 4.88 -20.78	74.02 5.45 -9.34	56.37 5.21 -0.12	51.33 4.22 -6.50
CALPINE_BETH_PAGE_GT_4 323586	47.74 3.51 -8.40	46.33 3.02 -12.14	44.37 2.75 -13.59	40.03 2.56 -10.75	38.52 2.50 -8.79	39.45 2.72 -7.73	42.04 3.06 -5.74	45.39 3.82 -5.16	46.85 4.21 -3.99	48.75 3.94 0.00	59.74 4.92 -0.12	68.33 5.62 -0.98	76.03 6.44 -1.01	81.37 7.24 -2.43	120.18 7.69 -35.53	188.58 15.34 -36.27	227.37 16.51 -68.43	284.72 14.95 -139.73	210.12 13.10 -81.03	131.15 9.03 -32.65	82.88 4.87 -23.23	74.02 5.45 -9.34	56.38 5.21 -0.12	51.33 4.22 -6.50
CALPINE_BP_GT1 23823	47.74 3.51 -8.40	46.33 3.02 -12.14	44.37 2.75 -13.59	40.03 2.56 -10.75	38.52 2.50 -8.79	39.45 2.72 -7.73	42.04 3.06 -5.74	45.39 3.82 -5.16	46.85 4.21 -3.99	48.75 3.94 0.00	59.74 4.92 -0.12	68.33 5.62 -0.98	76.03 6.44 -1.01	81.37 7.24 -2.43	120.18 7.69 -35.53	188.58 15.34 -36.27	227.37 16.51 -68.43	284.72 14.95 -139.73	210.12 13.10 -81.03	131.15 9.03 -32.65	82.88 4.87 -23.23	74.02 5.45 -9.34	56.38 5.21 -0.12	51.33 4.22 -6.50
CALSPAN___DRP 24200	36.32 0.50 0.00	31.60 0.44 0.00	28.46 0.42 0.00	27.01 0.29 0.00	27.46 0.24 0.00	29.31 0.32 0.00	33.64 0.40 0.00	36.66 0.25 0.00	39.26 0.62 0.00	45.97 1.16 0.00	56.44 1.75 0.00	64.14 2.41 0.00	71.60 3.02 0.00	74.28 2.58 0.00	79.65 2.69 0.00	136.69 -0.27 0.00	141.15 -1.28 0.00	129.00 -1.04 0.00	116.22 0.23 0.00	91.53 2.06 0.00	57.03 2.25 0.00	60.83 1.60 0.00	50.95 -0.10 0.00	41.18 0.57 0.00

CALVERTON___SOLAR 323806	48.53 4.30 -8.41	47.01 3.71 -12.14	44.85 3.22 -13.59	40.46 2.99 -10.75	38.93 2.91 -8.79	39.92 3.19 -7.73	42.64 3.66 -5.74	46.19 4.62 -5.16	47.82 5.18 -3.99	49.74 4.93 -0.01	69.15 6.07 -8.39	135.35 6.91 -66.71	145.14 7.88 -68.68	245.71 8.67 -165.34	230.28 9.00 -144.32	245.81 17.68 -91.17	280.71 18.51 -119.77	278.79 16.90 -131.86	259.88 14.97 -128.93	313.04 10.55 -213.02	341.98 5.97 -281.23	232.66 6.69 -166.73	65.13 6.12 -7.96	53.53 4.95 -7.97
CANDIGU_WT_PWR 323617	36.82 0.65 -0.36	31.90 0.56 -0.18	28.60 0.51 -0.06	27.07 0.35 0.00	27.57 0.33 -0.02	29.52 0.44 -0.09	34.20 0.66 -0.29	37.34 0.73 -0.21	39.86 0.81 -0.40	46.71 1.39 -0.52	57.27 1.75 -0.83	64.86 2.22 -0.91	72.63 3.01 -1.04	75.92 2.72 -1.50	81.81 3.16 -1.70	141.60 1.92 -2.72	146.88 1.72 -2.73	134.22 1.95 -2.23	120.19 2.44 -1.77	93.98 3.13 -1.38	58.36 2.74 -0.84	62.14 2.25 -0.65	52.37 0.92 -0.40	41.86 0.85 -0.40
CARR STREET_E_SYR 24060	36.47 0.00 -0.65	31.36 -0.06 -0.26	27.98 -0.06 0.00	26.49 -0.11 0.12	27.06 -0.08 0.08	29.01 -0.06 -0.07	33.77 0.00 -0.52	36.92 0.00 -0.52	39.39 0.04 -0.71	46.39 0.23 -1.36	56.62 0.39 -1.54	64.49 0.62 -2.14	71.61 0.96 -2.07	76.25 0.86 -3.69	82.44 1.00 -4.48	143.41 0.83 -5.62	148.37 0.57 -5.37	134.85 0.52 -4.29	121.22 0.58 -4.65	93.90 0.80 -3.62	57.59 0.60 -2.21	61.38 0.42 -1.72	52.11 0.00 -1.06	41.59 -0.08 -1.06
CARTHAGE___PAPER 23857	32.23 -1.47 2.13	28.12 -1.28 1.77	25.37 -1.15 1.52	24.34 -0.94 1.44	24.85 -0.90 1.47	26.52 -0.87 1.61	30.66 -0.73 1.85	36.04 -0.73 -0.35	35.06 -1.04 2.54	45.44 -1.08 -1.71	48.63 -1.47 4.59	60.53 -1.48 -0.27	14.80 -1.71 52.07	15.80 -1.72 54.18	17.04 -2.00 57.91	29.51 -3.56 103.90	30.34 -3.99 108.10	27.54 -3.12 99.38	25.00 -1.62 89.37	93.73 -0.36 -4.62	57.71 0.11 -2.82	61.31 -0.12 -2.20	51.64 -0.76 -1.36	41.07 -0.89 -1.35
CASSADAGA_WT_PWR 323784	37.18 1.36 0.00	32.32 1.15 0.00	29.13 1.09 0.00	27.65 0.93 0.00	28.14 0.93 0.00	30.10 1.10 0.00	34.64 1.40 0.00	37.94 1.53 0.00	40.69 2.05 0.00	47.94 3.14 0.00	58.68 3.99 0.00	66.80 5.06 0.00	74.88 6.31 0.00	77.72 6.02 0.00	83.18 6.23 0.00	142.58 5.62 0.00	147.42 4.98 0.00	134.58 4.55 0.00	120.74 4.76 0.00	94.75 5.28 0.00	59.11 4.33 0.00	62.85 3.61 0.00	52.48 1.43 0.00	42.11 1.50 0.00
CE_DUNWOOD___DRP 24194	38.76 2.94 0.00	33.72 2.56 0.00	30.28 2.24 0.00	28.77 2.06 0.00	29.21 1.99 0.00	31.17 2.17 0.00	35.67 2.43 0.00	39.58 3.17 0.00	42.20 3.56 0.00	48.39 3.58 0.00	59.23 4.54 0.00	66.73 5.00 0.00	74.07 5.49 0.00	77.79 6.09 0.00	84.07 6.39 -0.73	158.85 12.87 -9.01	164.12 13.53 -8.16	166.22 12.48 -23.70	157.34 10.67 -30.68	122.63 7.60 -25.55	75.61 3.94 -16.89	70.65 4.44 -6.97	55.44 4.39 0.00	44.18 3.57 0.00
CE_MILLWOOD___DRP 24193	38.65 2.83 0.00	33.63 2.46 0.00	30.20 2.16 0.00	28.69 1.98 0.00	29.15 1.93 0.00	31.11 2.12 0.00	35.57 2.33 0.00	39.50 3.09 0.00	42.08 3.44 0.00	48.30 3.49 0.00	59.12 4.43 0.00	66.61 4.88 0.00	73.93 5.35 0.00	77.65 5.95 0.00	83.91 6.23 -0.72	158.37 12.46 -8.94	163.77 13.25 -8.09	165.68 12.09 -23.55	156.80 10.32 -30.49	122.30 7.43 -25.40	75.41 3.83 -16.80	70.49 4.32 -6.94	55.34 4.29 0.00	44.10 3.49 0.00
CE_NYC2_DRP 24202	39.30 3.47 -0.01	34.13 2.96 -0.01	30.66 2.61 -0.01	29.12 2.40 0.00	29.57 2.34 -0.01	31.49 2.49 0.00	36.04 2.79 0.00	40.09 3.68 0.00	42.66 4.02 0.00	48.57 3.76 0.00	59.34 4.65 0.00	66.67 4.94 0.00	73.78 5.21 0.01	77.64 5.95 0.01	83.92 6.23 -0.73	158.74 12.74 -9.03	163.86 13.25 -8.18	165.89 12.09 -23.76	157.31 10.55 -30.77	122.42 7.34 -25.62	71.33 3.67 -12.88	70.48 4.26 -6.98	55.53 4.49 0.01	44.55 3.94 0.00
CE_NYC_DRP 24195	39.19 3.37 0.00	34.03 2.87 0.00	30.56 2.52 0.00	29.01 2.30 0.00	29.45 2.23 0.00	31.40 2.41 0.00	35.97 2.73 0.00	40.01 3.60 0.00	42.66 4.02 0.00	48.83 4.03 0.00	59.72 5.03 0.00	67.17 5.43 0.00	74.41 5.83 0.00	78.22 6.52 0.00	84.54 6.85 -0.73	159.84 13.83 -9.04	165.00 14.39 -8.18	166.94 13.13 -23.77	158.24 11.48 -30.77	123.14 8.05 -25.62	75.77 4.05 -16.93	70.96 4.74 -6.99	55.85 4.80 0.00	44.63 4.02 0.00
CHAFFEE___LFGE 323603	36.47 0.65 0.00	31.69 0.53 0.00	28.55 0.51 0.00	27.06 0.35 0.00	27.55 0.33 0.00	29.40 0.41 0.00	33.77 0.53 0.00	36.70 0.29 0.00	39.42 0.77 0.00	46.33 1.52 0.00	56.65 1.97 0.00	64.45 2.71 0.00	72.28 3.70 0.00	74.85 3.15 0.00	80.26 3.31 0.00	137.93 0.97 0.00	142.58 0.14 0.00	130.17 0.13 0.00	116.91 0.92 0.00	91.89 2.42 0.00	57.30 2.52 0.00	61.13 1.90 0.00	51.15 0.10 0.00	41.30 0.69 0.00
CHATEAUG_35_KV_LOAD 355732	32.57 -1.58 1.68	28.63 -1.34 1.19	26.00 -1.18 0.86	24.91 -1.07 0.73	25.32 -1.12 0.78	26.78 -1.25 0.97	30.62 -1.20 1.43	34.78 -1.46 0.17	35.14 -1.55 1.96	43.58 -1.21 0.01	48.12 -2.84 3.73	55.83 -4.51 1.40	52.82 -4.59 11.17	58.33 -4.80 8.56	62.21 -5.08 9.66	104.82 -8.63 23.51	109.10 -8.12 25.22	100.09 -7.28 22.67	95.02 -6.50 14.47	84.19 -5.28 0.00	51.88 -2.90 0.00	55.98 -3.26 0.00	48.60 -2.45 0.00	38.98 -1.62 0.00
CHATEAUG_WT_PWR 323614	33.21 -1.68 0.93	29.10 -1.40 0.66	26.33 -1.23 0.48	25.16 -1.15 0.41	25.59 -1.20 0.43	27.10 -1.36 0.54	31.25 -1.20 0.79	35.00 -1.31 0.10	36.20 -1.35 1.09	44.39 -0.40 0.01	49.61 -3.01 2.07	54.97 -5.99 0.77	57.94 -4.80 5.84	59.89 -4.95 6.86	63.90 -5.31 7.75	116.46 -8.90 11.61	122.13 -8.54 11.76	111.54 -7.67 10.82	97.54 -6.84 11.60	84.01 -5.46 0.00	51.77 -3.01 0.00	55.80 -3.44 0.00	48.55 -2.50 0.00	39.06 -1.54 0.00
CHAT_HIGH_FALL_HYD 323578	32.57 -1.58 1.68	28.63 -1.34 1.19	26.00 -1.18 0.86	24.91 -1.07 0.73	25.32 -1.12 0.78	26.78 -1.25 0.97	30.62 -1.20 1.43	34.78 -1.46 0.17	35.14 -1.55 1.96	43.58 -1.21 0.01	48.12 -2.84 3.73	55.83 -4.51 1.40	52.82 -4.59 11.17	58.33 -4.80 8.56	62.21 -5.08 9.66	104.82 -8.63 23.51	109.10 -8.12 25.22	100.09 -7.28 22.67	95.02 -6.50 14.47	84.19 -5.28 0.00	51.88 -2.90 0.00	55.98 -3.26 0.00	48.60 -2.45 0.00	38.98 -1.62 0.00
CHAUTAUQUA___LFGE 323629	36.90 1.07 0.00	32.10 0.93 0.00	28.94 0.90 0.00	27.44 0.72 0.00	27.92 0.71 0.00	29.81 0.81 0.00	34.28 1.03 0.00	37.43 1.02 0.00	40.19 1.55 0.00	47.27 2.46 0.00	57.86 3.17 0.00	65.81 4.07 0.00	73.79 5.21 0.00	76.50 4.80 0.00	81.95 5.00 0.00	140.66 3.70 0.00	145.43 3.00 0.00	132.77 2.74 0.00	119.12 3.13 0.00	93.68 4.21 0.00	58.39 3.61 0.00	62.20 2.96 0.00	52.02 0.97 0.00	41.83 1.22 0.00
CHERRYST_13_KV_LD 356241	39.33 3.51 0.00	34.16 2.99 0.00	30.65 2.61 0.00	29.09 2.38 0.00	29.56 2.34 0.00	31.52 2.52 0.00	36.14 2.89 0.00	40.20 3.79 0.00	42.89 4.25 0.00	49.10 4.30 0.00	60.10 5.41 0.00	67.54 5.80 0.00	74.82 6.24 0.00	78.65 6.95 0.00	85.00 7.31 -0.73	160.66 14.66 -9.04	166.00 15.38 -8.18	167.72 13.91 -23.77	158.82 12.06 -30.77	123.59 8.50 -25.62	75.99 4.27 -16.93	71.20 4.98 -6.99	56.10 5.05 0.00	44.79 4.18 0.00

CHESTROR_138KV_BK263 355645	38.11 2.29 0.00	33.19 2.03 0.00	29.81 1.77 0.00	28.34 1.63 0.00	28.82 1.61 0.00	30.74 1.74 0.00	35.14 1.89 0.00	38.89 2.48 0.00	41.42 2.78 0.00	47.67 2.87 0.00	58.30 3.61 0.00	65.81 4.07 0.00	73.04 4.46 0.00	76.64 4.95 0.00	82.11 5.16 0.00	154.56 10.27 -7.33	159.84 10.82 -6.58	160.49 10.01 -20.44	151.22 8.58 -26.65	118.12 6.26 -22.38	71.54 3.29 -13.48	68.86 3.61 -6.02	54.62 3.57 0.00	43.49 3.88 0.00
CH_MIDHUDSON___DRP 24192	38.47 2.65 0.00	33.47 2.31 0.00	30.06 2.02 0.00	28.58 1.87 0.00	29.07 1.85 0.00	31.00 2.00 0.00	35.44 2.19 0.00	39.25 2.84 0.00	41.85 3.21 0.00	48.12 3.32 0.00	58.95 4.27 0.00	66.43 4.69 0.00	73.79 5.21 0.00	77.51 5.81 0.00	83.03 6.08 0.00	156.70 12.05 -7.69	161.94 12.68 -6.83	164.78 11.70 -23.04	156.36 10.09 -30.28	122.39 7.25 -25.68	74.59 3.78 -16.03	70.60 4.21 -7.16	55.19 4.14 0.00	43.90 3.29 0.00
CH_MISC_IPPS 23765	38.76 2.94 0.00	33.72 2.56 0.00	30.25 2.21 0.00	28.74 2.03 0.00	29.23 2.01 0.00	31.20 2.20 0.00	35.67 2.43 0.00	39.54 3.13 0.00	42.24 3.59 0.00	48.61 3.81 0.00	59.61 4.92 0.00	67.23 5.49 0.00	74.68 6.10 0.00	78.44 6.74 0.00	84.03 7.08 0.00	157.83 13.83 -7.04	162.90 14.24 -6.22	165.04 13.13 -21.88	156.22 11.37 -28.86	122.28 8.23 -24.59	74.77 4.38 -15.60	71.00 4.80 -6.97	55.65 4.60 0.00	44.22 3.61 0.00
CH_RES_BVR_FALLS 23983	35.36 -0.82 -0.36	30.73 -0.69 -0.25	27.61 -0.62 -0.18	26.34 -0.53 -0.16	26.84 -0.54 -0.17	28.62 -0.58 -0.21	32.95 -0.60 -0.30	35.72 -0.73 -0.04	38.29 -0.77 -0.42	44.00 -0.81 0.00	54.38 -1.09 -0.79	60.24 -1.79 -0.30	67.27 -2.13 -0.82	69.77 -2.22 -0.30	74.57 -2.39 0.00	134.75 -4.11 -1.89	140.66 -3.99 -2.21	128.32 -3.64 -1.92	112.86 -3.13 0.00	87.06 -2.41 0.00	53.68 -1.10 0.00	58.05 -1.18 0.00	50.03 -1.02 0.00	39.80 -0.81 0.00
CH_RES_NIAGARA 23895	35.03 -0.79 0.00	30.48 -0.69 0.00	27.48 -0.56 0.00	26.07 -0.64 0.00	26.51 -0.71 0.00	28.30 -0.70 0.00	32.41 -0.83 0.00	34.99 -1.42 0.00	37.52 -1.12 0.00	43.91 -0.90 0.00	53.87 -0.82 0.00	61.24 -0.49 0.00	68.17 -0.41 0.00	70.48 -1.22 0.00	75.57 -1.39 0.00	129.43 -7.53 0.00	133.60 -8.83 0.00	121.97 -8.06 0.00	110.19 -5.80 0.00	86.96 -2.51 0.00	54.34 -0.44 0.00	58.11 -1.13 0.00	48.70 -2.35 0.00	39.55 -1.06 0.00
CH_RES_SYRACUSE 23985	37.52 0.22 -1.48	31.97 0.13 -0.68	28.33 0.14 -0.14	26.67 0.05 0.09	27.29 0.08 0.01	29.41 0.12 -0.29	34.68 0.23 -1.20	37.71 0.33 -0.98	40.63 0.35 -1.64	47.89 0.58 -2.50	58.98 0.82 -3.47	67.08 1.17 -4.18	74.61 1.58 -4.45	80.24 1.51 -7.04	86.90 1.69 -8.25	150.86 2.06 -11.84	155.91 1.85 -11.63	141.14 1.69 -9.42	126.18 1.62 -8.57	97.75 1.61 -6.67	59.94 1.10 -4.07	63.35 0.94 -3.18	53.47 0.46 -1.96	42.81 0.25 -1.95
CLINTON_WT_PWR 323605	33.21 -1.68 0.93	29.10 -1.40 0.66	26.33 -1.23 0.48	25.16 -1.15 0.41	25.59 -1.20 0.43	27.10 -1.36 0.54	31.25 -1.20 0.79	35.00 -1.31 0.10	36.20 -1.35 1.09	44.39 -0.40 0.01	49.61 -3.01 2.07	54.97 -5.99 0.77	57.94 -4.80 5.84	59.89 -4.95 6.86	63.90 -5.31 7.75	116.46 -8.90 11.61	122.13 -8.54 11.76	111.54 -7.67 10.82	97.54 -6.84 11.60	84.01 -5.46 0.00	51.77 -3.01 0.00	55.80 -3.44 0.00	48.55 -2.50 0.00	39.06 -1.54 0.00
CLINTON___LFGE 323618	33.48 -1.29 1.05	29.32 -1.09 0.75	26.55 -0.95 0.54	25.37 -0.88 0.46	25.83 -0.90 0.49	27.37 -1.02 0.61	31.55 -0.80 0.90	35.39 -0.91 0.11	36.45 -0.96 1.23	44.62 -0.18 0.01	49.73 -2.62 2.33	55.55 -5.31 0.87	56.63 -5.07 6.88	58.91 -5.23 7.55	63.16 -5.54 8.25	113.75 -9.32 13.90	119.28 -8.83 14.32	109.15 -7.80 13.09	96.55 -7.08 12.35	83.92 -5.55 0.00	51.82 -2.96 0.00	55.86 -3.37 0.00	48.75 -2.30 0.00	39.43 -1.18 0.00
COBBLENY_34_KV_TB1 80064	36.43 0.61 0.00	31.69 0.53 0.00	28.54 0.50 0.00	27.06 0.35 0.00	27.55 0.33 0.00	29.40 0.41 0.00	33.78 0.53 0.00	36.85 0.44 0.00	39.42 0.77 0.00	46.19 1.39 0.00	56.71 2.02 0.00	64.45 2.72 0.00	71.94 3.36 0.00	74.71 3.01 0.00	80.11 3.16 0.00	137.51 0.55 0.00	142.15 -0.28 0.00	129.78 -0.26 0.00	116.91 0.93 0.00	91.97 2.51 0.00	57.35 2.57 0.00	61.13 1.90 0.00	51.15 0.10 0.00	41.30 0.69 0.00
COFFEEN___115KV_TB3 355620	33.56 -0.97 1.30	29.09 -0.84 1.24	26.04 -0.81 1.19	24.83 -0.69 1.19	25.40 -0.63 1.20	27.20 -0.58 1.22	31.72 -0.37 1.16	36.76 -0.22 -0.57	36.47 -0.58 1.59	46.41 -0.49 -2.10	51.26 -0.71 2.72	62.78 -0.37 -1.41	25.23 -1.78 41.57	29.67 -1.79 40.23	29.46 -2.15 45.34	51.02 -3.84 82.11	52.40 -4.42 85.61	47.60 -3.38 79.06	42.89 -1.97 71.12	94.76 -0.36 -5.64	59.48 1.26 -3.44	62.99 1.07 -2.69	52.76 0.05 -1.66	41.89 -0.37 -1.65
COLDSPRG_115KV_BK1 355956	37.33 1.50 0.00	32.47 1.31 0.00	29.25 1.21 0.00	27.73 1.02 0.00	28.23 1.01 0.00	30.18 1.19 0.00	34.81 1.56 0.00	38.34 1.93 0.00	40.81 2.16 0.00	47.94 3.14 0.00	58.79 4.10 0.00	66.92 5.19 0.00	74.75 6.17 0.00	77.72 6.02 0.00	83.19 6.23 0.00	142.72 5.75 0.00	147.56 5.13 0.00	134.59 4.55 0.00	120.97 4.99 0.00	95.02 5.55 0.00	59.22 4.44 0.00	62.97 3.73 0.00	52.63 1.58 0.00	42.23 1.62 0.00
COLONIE_LFGE___ 323577	37.61 1.79 0.00	32.66 1.50 0.00	29.39 1.35 0.00	28.00 1.28 0.00	28.50 1.28 0.00	30.39 1.39 0.00	34.71 1.46 0.00	38.27 1.86 0.00	40.65 2.01 0.00	47.04 2.24 0.00	57.53 2.84 0.00	65.13 3.39 0.00	72.28 3.70 0.00	75.65 3.94 -0.01	93.89 4.38 -12.55	217.79 8.22 -72.60	215.97 8.55 -64.99	345.62 7.80 -207.79	394.51 6.84 -271.69	323.56 5.10 -228.99	232.27 2.96 -174.54	130.73 3.37 -68.12	54.06 3.01 0.00	42.92 2.31 0.00
COOPERNY_115KV_TB1 80082	37.51 1.68 0.00	32.66 1.50 0.00	29.36 1.32 0.00	27.89 1.18 0.00	28.39 1.17 0.00	30.27 1.28 0.00	34.64 1.40 0.00	38.27 1.86 0.00	40.69 2.05 0.00	46.95 2.15 0.00	57.42 2.73 0.00	64.82 3.09 0.00	72.01 3.43 0.00	75.42 3.73 0.00	80.88 3.92 0.00	145.93 7.67 -1.30	151.29 7.98 -0.88	147.78 7.41 -10.33	136.85 6.38 -14.49	107.31 4.65 -13.19	67.63 2.52 -10.33	66.63 2.78 -4.61	53.70 2.65 0.00	42.72 2.11 0.00
COPENHAGEN_WT_PWR 323753	33.60 -1.15 1.08	29.10 -0.97 1.10	26.02 -0.92 1.10	24.79 -0.80 1.13	25.36 -0.73 1.12	27.16 -0.72 1.11	31.71 -0.57 0.97	36.56 -0.47 -0.62	36.53 -0.77 1.34	46.24 -0.76 -2.20	51.48 -0.98 2.22	62.71 -0.74 -1.72	29.08 -0.82 38.68	31.43 -0.79 39.48	33.88 -1.08 41.99	58.54 -2.33 76.10	60.05 -3.00 79.38	54.39 -2.21 73.44	48.92 -0.81 66.26	95.75 0.36 -5.92	58.93 0.55 -3.61	62.41 0.36 -2.82	52.38 -0.41 -1.74	41.69 -0.65 -1.73
CORNELL_____ 23752	37.98 1.25 -0.90	32.64 1.03 -0.45	29.11 0.93 -0.14	27.55 0.83 -0.01	28.12 0.84 -0.06	30.21 0.99 -0.23	35.28 1.30 -0.74	38.46 1.53 -0.52	41.24 1.58 -1.01	48.03 1.93 -1.30	59.14 2.35 -2.10	66.98 2.96 -2.29	74.70 3.50 -2.62	79.06 3.58 -3.78	85.10 3.85 -4.30	150.16 5.75 -7.45	155.54 5.84 -7.27	145.95 5.72 -10.19	132.65 5.80 -10.86	103.96 5.19 -9.31	64.86 3.40 -6.69	66.19 3.26 -3.69	54.32 2.25 -1.02	43.21 1.58 -1.02

CORONA__69_KV_TB1 355595	48.13 3.90 -8.40	46.64 3.33 -12.14	44.54 2.92 -13.59	40.14 2.67 -10.75	38.65 2.64 -8.79	39.57 2.84 -7.73	42.14 3.16 -5.74	45.57 4.01 -5.16	47.08 4.44 -3.99	49.28 4.48 0.00	60.05 5.36 0.00	67.84 6.11 0.00	75.37 6.79 0.00	79.15 7.46 0.00	127.84 8.00 -42.88	195.18 15.61 -42.60	235.73 16.66 -76.63	290.76 15.60 -145.12	215.00 13.57 -85.44	130.17 9.57 -31.13	76.86 5.15 -16.93	72.20 5.98 -6.99	56.82 5.77 0.00	51.84 4.75 -6.48
CORTLAND__115KV_TB3 80093	37.45 0.97 -0.66	32.25 0.81 -0.28	28.82 0.76 -0.02	27.26 0.64 0.09	27.85 0.68 0.05	29.87 0.78 -0.09	34.81 1.03 -0.53	38.14 1.24 -0.49	40.64 1.28 -0.73	47.71 1.61 -1.29	58.27 2.02 -1.56	66.21 2.41 -2.07	73.52 2.88 -2.06	78.31 2.87 -3.75	84.37 3.16 -4.26	147.18 4.66 -5.55	152.49 4.70 -5.35	138.75 4.42 -4.30	124.82 4.41 -4.42	96.85 3.94 -3.44	59.51 2.63 -2.10	63.48 2.61 -1.64	53.85 1.79 -1.01	42.92 1.30 -1.01
COXSACKIE__GT 23611	38.26 2.44 0.00	33.38 2.21 0.00	29.95 1.91 0.00	28.48 1.76 0.00	29.07 1.85 0.00	31.08 2.09 0.00	35.54 2.29 0.00	38.85 2.44 0.00	41.08 2.44 0.00	47.54 2.73 0.00	57.86 3.17 0.00	65.50 3.77 0.00	72.76 4.18 0.00	76.27 4.59 0.02	68.86 5.31 13.40	84.04 10.40 63.33	90.47 11.40 63.36	114.05 11.18 27.17	113.53 10.21 12.67	109.52 8.06 -11.99	82.21 4.05 -23.38	84.35 4.21 -20.91	55.49 4.44 0.00	43.78 3.17 0.00
CPV_VALLEY__CC1 323721	37.79 1.97 0.00	32.91 1.74 0.00	29.58 1.54 0.00	28.10 1.39 0.00	28.58 1.36 0.00	30.50 1.51 0.00	34.84 1.60 0.00	38.59 2.18 0.00	41.04 2.40 0.00	47.22 2.42 0.00	57.80 3.12 0.00	65.25 3.52 0.00	72.35 3.77 0.00	75.93 4.23 0.00	81.42 4.46 0.00	152.18 8.90 -6.32	157.49 9.40 -5.65	156.72 8.58 -18.10	147.09 7.43 -23.67	114.61 5.19 -19.95	69.70 2.74 -12.18	67.75 3.08 -5.44	54.11 3.06 0.00	43.09 2.48 0.00
CPV_VALLEY__CC2 323722	37.79 1.97 0.00	32.91 1.74 0.00	29.58 1.54 0.00	28.10 1.39 0.00	28.58 1.36 0.00	30.50 1.51 0.00	34.84 1.60 0.00	38.59 2.18 0.00	41.04 2.40 0.00	47.22 2.42 0.00	57.80 3.12 0.00	65.25 3.52 0.00	72.35 3.77 0.00	75.93 4.23 0.00	81.42 4.46 0.00	152.18 8.90 -6.32	157.49 9.40 -5.65	156.72 8.58 -18.10	147.09 7.43 -23.67	114.61 5.19 -19.95	69.70 2.74 -12.18	67.75 3.08 -5.44	54.11 3.06 0.00	43.09 2.48 0.00
CRESCENT__HYD 24018	37.61 1.79 0.00	32.66 1.50 0.00	29.39 1.35 0.00	28.00 1.28 0.00	28.50 1.28 0.00	30.39 1.39 0.00	34.71 1.46 0.00	38.27 1.86 0.00	40.65 2.01 0.00	47.04 2.24 0.00	57.53 2.84 0.00	65.13 3.39 0.00	72.28 3.70 0.00	75.65 3.94 -0.01	93.89 4.38 -12.55	217.79 8.22 -72.60	215.97 8.55 -64.99	345.62 7.80 -207.79	394.51 6.84 -271.69	323.56 5.10 -228.99	232.27 2.96 -174.54	130.73 3.37 -68.12	54.06 3.01 0.00	42.92 2.31 0.00
CRICKET__VALLEY_CC1 323756	38.01 2.19 0.00	33.03 1.87 0.00	29.72 1.68 0.00	28.34 1.63 0.00	28.77 1.55 0.00	30.68 1.68 0.00	34.97 1.73 0.00	38.77 2.37 0.00	41.27 2.63 0.00	47.40 2.60 0.00	58.08 3.39 0.00	65.56 3.83 0.00	72.69 4.11 0.00	76.29 4.59 0.00	83.35 4.85 -1.55	159.15 9.73 -12.46	164.05 10.26 -11.36	170.28 9.23 -31.01	163.74 7.89 -39.86	128.02 5.64 -32.91	80.50 2.96 -22.76	71.56 3.37 -8.95	54.42 3.37 0.00	43.33 2.72 0.00
CRICKET__VALLEY_CC2 323757	38.01 2.19 0.00	33.03 1.87 0.00	29.72 1.68 0.00	28.34 1.63 0.00	28.77 1.55 0.00	30.68 1.68 0.00	34.97 1.73 0.00	38.77 2.37 0.00	41.27 2.63 0.00	47.40 2.60 0.00	58.08 3.39 0.00	65.56 3.83 0.00	72.69 4.11 0.00	76.29 4.59 0.00	83.35 4.85 -1.55	159.15 9.73 -12.46	164.05 10.26 -11.36	170.28 9.23 -31.01	163.74 7.89 -39.86	128.02 5.64 -32.91	80.50 2.96 -22.76	71.56 3.37 -8.95	54.42 3.37 0.00	43.33 2.72 0.00
CRICKET__VALLEY_CC3 323758	38.01 2.19 0.00	33.03 1.87 0.00	29.72 1.68 0.00	28.34 1.63 0.00	28.77 1.55 0.00	30.68 1.68 0.00	34.97 1.73 0.00	38.77 2.37 0.00	41.27 2.63 0.00	47.40 2.60 0.00	58.08 3.39 0.00	65.56 3.83 0.00	72.69 4.11 0.00	76.29 4.59 0.00	83.35 4.85 -1.55	159.15 9.73 -12.46	164.05 10.26 -11.36	170.28 9.23 -31.01	163.74 7.89 -39.86	128.02 5.64 -32.91	80.50 2.96 -22.76	71.56 3.37 -8.95	54.42 3.37 0.00	43.33 2.72 0.00
CRUCIBLE__METL_DRP 24180	37.51 0.21 -1.48	31.97 0.12 -0.68	28.32 0.14 -0.14	26.67 0.05 0.09	27.29 0.08 0.01	29.41 0.12 -0.29	34.68 0.23 -1.20	37.71 0.33 -0.98	40.63 0.35 -1.64	47.89 0.58 -2.50	58.97 0.82 -3.47	67.08 1.17 -4.18	74.46 1.44 -4.44	80.38 1.43 -7.25	86.82 1.62 -8.25	150.70 1.92 -11.82	155.75 1.71 -11.61	141.00 1.56 -9.40	126.18 1.62 -8.57	97.75 1.61 -6.67	59.94 1.10 -4.07	63.36 0.95 -3.18	53.47 0.46 -1.96	42.80 0.24 -1.95
DAHOWA__HYDRO 323763	38.15 2.33 0.00	33.10 1.93 0.00	29.72 1.68 0.00	28.32 1.60 0.00	28.82 1.61 0.00	30.79 1.80 0.00	35.17 1.93 0.00	38.74 2.33 0.00	41.15 2.51 0.00	47.85 3.05 0.00	58.30 3.61 0.00	66.24 4.50 0.00	73.65 5.07 0.00	76.94 5.23 -0.01	91.38 5.93 -8.50	204.45 10.96 -56.53	202.49 11.40 -48.66	347.07 10.53 -206.50	402.49 9.85 -276.65	336.92 7.70 -239.75	244.87 4.76 -185.32	140.55 5.21 -76.10	55.39 4.34 0.00	43.74 3.13 0.00
DANC__LFGE 323619	35.10 -0.86 -0.13	30.07 -0.78 0.32	26.73 -0.70 0.61	25.31 -0.64 0.76	25.91 -0.60 0.71	27.84 -0.61 0.54	32.80 -0.50 -0.05	36.91 -0.44 -0.93	38.01 -0.69 -0.06	46.90 -0.67 -2.77	54.37 -0.82 -0.51	64.56 -0.56 -3.39	44.83 -0.55 23.20	48.63 -0.58 22.49	52.59 -0.77 23.59	90.94 -2.05 43.97	93.68 -2.56 46.19	84.63 -1.95 43.46	75.50 -0.93 39.56	96.89 0.00 -7.42	59.57 0.28 -4.52	62.82 0.06 -3.53	52.77 -0.46 -2.18	42.17 -0.61 -2.17
DANSKAMMER__1 23586	38.76 2.94 0.00	33.72 2.56 0.00	30.25 2.21 0.00	28.74 2.03 0.00	29.23 2.01 0.00	31.20 2.20 0.00	35.67 2.43 0.00	39.54 3.13 0.00	42.24 3.59 0.00	48.61 3.81 0.00	59.61 4.92 0.00	67.23 5.49 0.00	74.68 6.10 0.00	78.44 6.74 0.00	84.03 7.08 0.00	157.83 13.83 -7.04	162.90 14.24 -6.22	165.04 13.13 -21.88	156.22 11.37 -28.86	122.28 8.23 -24.59	74.77 4.38 -15.60	71.00 4.80 -6.97	55.65 4.60 0.00	44.22 3.61 0.00
DANSKAMMER__2 23589	38.76 2.94 0.00	33.72 2.56 0.00	30.25 2.21 0.00	28.74 2.03 0.00	29.23 2.01 0.00	31.20 2.20 0.00	35.67 2.43 0.00	39.54 3.13 0.00	42.24 3.59 0.00	48.61 3.81 0.00	59.61 4.92 0.00	67.23 5.49 0.00	74.68 6.10 0.00	78.44 6.74 0.00	84.03 7.08 0.00	157.83 13.83 -7.04	162.90 14.24 -6.22	165.04 13.13 -21.88	156.22 11.37 -28.86	122.28 8.23 -24.59	74.77 4.38 -15.60	71.00 4.80 -6.97	55.65 4.60 0.00	44.22 3.61 0.00
DANSKAMMER__3 23590	38.76 2.94 0.00	33.72 2.56 0.00	30.25 2.21 0.00	28.74 2.03 0.00	29.23 2.01 0.00	31.20 2.20 0.00	35.67 2.43 0.00	39.54 3.13 0.00	42.24 3.59 0.00	48.61 3.81 0.00	59.61 4.92 0.00	67.23 5.49 0.00	74.68 6.10 0.00	78.44 6.74 0.00	84.03 7.08 0.00	157.83 13.83 -7.04	162.90 14.24 -6.22	165.04 13.13 -21.88	156.22 11.37 -28.86	122.28 8.23 -24.59	74.77 4.38 -15.60	71.00 4.80 -6.97	55.65 4.60 0.00	44.22 3.61 0.00

DANSKAMMER___4 23591	38.76 2.94 0.00	33.72 2.56 0.00	30.25 2.21 0.00	28.74 2.03 0.00	29.23 2.01 0.00	31.20 2.20 0.00	35.67 2.43 0.00	39.54 3.13 0.00	42.24 3.59 0.00	48.61 3.81 0.00	59.61 4.92 0.00	67.23 5.49 0.00	74.68 6.10 0.00	78.44 6.74 0.00	84.03 7.08 0.00	157.83 13.83 -7.04	162.90 14.24 -6.22	165.04 13.13 -21.88	156.22 11.37 -28.86	122.28 8.23 -24.59	74.77 4.38 -15.60	71.00 4.80 -6.97	55.65 4.60 0.00	44.22 3.61 0.00
DANSKAMMER___DIESEL 23592	38.76 2.94 0.00	33.72 2.56 0.00	30.26 2.22 0.00	28.75 2.03 0.00	29.26 2.04 0.00	31.20 2.20 0.00	35.67 2.43 0.00	39.50 3.09 0.00	42.24 3.59 0.00	48.61 3.81 0.00	59.61 4.92 0.00	67.23 5.49 0.00	74.68 6.10 0.00	78.44 6.74 0.00	84.03 7.08 0.00	157.83 13.83 -7.04	162.90 14.24 -6.22	165.18 13.26 -21.88	156.22 11.37 -28.86	122.38 8.32 -24.59	74.76 4.38 -15.60	71.00 4.80 -6.97	55.64 4.59 0.00	44.22 3.61 0.00
DARBY___SOLAR 323810	38.04 2.22 0.00	33.00 1.84 0.00	29.67 1.63 0.00	28.26 1.55 0.00	28.74 1.52 0.00	30.71 1.71 0.00	35.07 1.83 0.00	38.63 2.22 0.00	41.08 2.44 0.00	47.71 2.91 0.00	58.19 3.50 0.00	66.05 4.32 0.00	73.45 4.87 0.00	76.72 5.02 -0.01	91.67 5.69 -9.02	205.97 10.40 -58.60	204.01 10.82 -50.76	346.96 10.01 -206.91	401.50 9.16 -276.35	335.32 7.16 -238.69	243.36 4.38 -184.20	139.22 4.80 -75.19	55.08 4.03 0.00	43.57 2.96 0.00
DASHVILLE___HYD 23610	38.40 2.58 0.00	33.41 2.24 0.00	30.00 1.96 0.00	28.53 1.82 0.00	29.01 1.80 0.00	30.88 1.88 0.00	35.31 2.06 0.00	39.07 2.66 0.00	41.62 2.98 0.00	47.80 3.00 0.00	58.57 3.88 0.00	65.99 4.26 0.00	73.52 4.94 0.00	77.28 5.59 0.00	79.90 6.23 3.29	137.26 12.46 12.17	142.82 13.10 12.72	149.58 12.22 -7.33	142.49 10.67 -15.83	116.71 7.69 -19.55	75.13 2.96 -17.39	72.88 3.32 -10.33	54.98 3.93 0.00	43.78 3.17 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	49.46 5.23 -8.41	47.79 4.49 -12.14	45.55 3.93 -13.59	41.10 3.63 -10.75	39.58 3.57 -8.79	40.58 3.86 -7.73	43.37 4.39 -5.74	47.10 5.53 -5.16	48.97 6.34 -3.99	51.44 6.63 -0.01	71.36 8.26 -8.42	138.11 9.45 -66.93	148.32 10.84 -68.91	249.21 11.61 -165.90	233.30 11.54 -144.80	250.46 22.05 -91.44	285.84 23.36 -120.05	283.26 21.33 -131.89	263.81 18.67 -129.15	316.27 13.15 -213.64	341.83 7.40 -279.65	235.03 8.53 -167.27	66.44 7.40 -7.99	54.51 5.93 -7.97
DELAWARE___LFGE 323621	37.62 1.50 -0.29	32.65 1.34 -0.14	29.26 1.18 -0.05	27.79 1.07 0.00	28.35 1.12 -0.02	30.32 1.25 -0.07	34.94 1.46 -0.24	38.32 1.75 -0.17	40.86 1.89 -0.32	47.37 2.15 -0.42	58.10 2.73 -0.67	65.74 3.27 -0.73	73.05 3.63 -0.84	76.71 3.80 -1.21	82.33 4.00 -1.38	148.88 6.99 -4.93	153.60 7.12 -4.04	160.17 6.63 -23.50	153.88 6.03 -31.86	123.11 4.83 -28.81	80.06 2.90 -22.38	72.59 3.14 -10.22	53.98 2.60 -0.33	42.92 1.99 -0.33
DERFIELD_115KV_TB7 355931	35.88 0.29 0.23	31.25 0.25 0.16	28.15 0.22 0.12	26.83 0.21 0.10	27.33 0.22 0.11	29.10 0.23 0.13	33.32 0.27 0.19	36.75 0.36 0.02	38.80 0.43 0.27	45.25 0.45 0.00	54.78 0.60 0.51	62.28 0.74 0.19	73.38 0.82 -3.97	77.85 0.86 -5.30	83.78 0.85 -5.98	146.34 1.64 -7.73	151.64 1.57 -7.64	138.57 1.43 -7.11	126.21 1.28 -8.95	90.54 1.07 0.00	55.38 0.60 0.00	59.95 0.71 0.00	51.66 0.61 0.00	41.10 0.49 0.00
DOGLEVILLE___HYD 23807	36.17 0.57 0.23	31.50 0.50 0.16	28.34 0.42 0.12	26.99 0.37 0.10	27.52 0.41 0.11	29.33 0.46 0.13	33.61 0.56 0.19	37.11 0.73 0.02	39.11 0.73 0.27	45.65 0.85 0.00	55.33 1.15 0.51	62.96 1.42 0.19	74.20 1.64 -3.98	78.52 1.72 -5.10	84.77 1.84 -5.98	148.13 3.43 -7.74	153.50 3.41 -7.65	140.41 3.25 -7.12	127.84 2.90 -8.95	91.79 2.32 0.00	56.20 1.42 0.00	60.72 1.48 0.00	52.23 1.18 0.00	41.50 0.89 0.00
DUNKIRK___115KV_TB_200 55889	36.82 1.00 0.00	32.04 0.87 0.00	28.88 0.84 0.00	27.41 0.69 0.00	27.87 0.65 0.00	29.78 0.78 0.00	34.21 0.96 0.00	37.47 1.06 0.00	40.07 1.43 0.00	47.00 2.20 0.00	57.70 3.01 0.00	65.62 3.89 0.00	73.24 4.66 0.00	76.07 4.37 0.00	81.57 4.62 0.00	139.98 3.01 0.00	144.71 2.28 0.00	132.12 2.08 0.00	118.89 2.90 0.00	93.59 4.12 0.00	58.29 3.51 0.00	62.08 2.84 0.00	51.92 0.87 0.00	41.79 1.18 0.00
DUNKIRK___1 23563	36.82 1.00 0.00	32.04 0.87 0.00	28.88 0.84 0.00	27.41 0.69 0.00	27.87 0.65 0.00	29.78 0.78 0.00	34.21 0.96 0.00	37.47 1.06 0.00	40.07 1.43 0.00	47.00 2.20 0.00	57.70 3.01 0.00	65.62 3.89 0.00	73.24 4.66 0.00	76.07 4.37 0.00	81.57 4.62 0.00	139.98 3.01 0.00	144.71 2.28 0.00	132.12 2.08 0.00	118.89 2.90 0.00	93.59 4.12 0.00	58.29 3.51 0.00	62.08 2.84 0.00	51.92 0.87 0.00	41.79 1.18 0.00
DUNKIRK___2 23564	36.82 1.00 0.00	32.04 0.87 0.00	28.88 0.84 0.00	27.41 0.69 0.00	27.87 0.65 0.00	29.78 0.78 0.00	34.21 0.96 0.00	37.47 1.06 0.00	40.07 1.43 0.00	47.00 2.20 0.00	57.70 3.01 0.00	65.62 3.89 0.00	73.24 4.66 0.00	76.07 4.37 0.00	81.57 4.62 0.00	139.98 3.01 0.00	144.71 2.28 0.00	132.12 2.08 0.00	118.89 2.90 0.00	93.59 4.12 0.00	58.29 3.51 0.00	62.08 2.84 0.00	51.92 0.87 0.00	41.79 1.18 0.00
DUNKIRK___3 23565	36.61 0.79 0.00	31.85 0.69 0.00	28.71 0.67 0.00	27.22 0.51 0.00	27.68 0.46 0.00	29.58 0.58 0.00	33.98 0.73 0.00	37.14 0.73 0.00	39.72 1.08 0.00	46.59 1.79 0.00	57.15 2.46 0.00	65.01 3.27 0.00	72.56 3.98 0.00	75.35 3.66 0.00	80.73 3.77 0.00	138.75 1.78 0.00	143.43 1.00 0.00	130.95 0.91 0.00	117.84 1.86 0.00	92.69 3.22 0.00	57.79 3.01 0.00	61.54 2.31 0.00	51.56 0.51 0.00	41.50 0.89 0.00
DUNKIRK___4 23566	36.61 0.79 0.00	31.85 0.69 0.00	28.71 0.67 0.00	27.22 0.51 0.00	27.68 0.46 0.00	29.58 0.58 0.00	33.98 0.73 0.00	37.14 0.73 0.00	39.72 1.08 0.00	46.59 1.79 0.00	57.15 2.46 0.00	65.01 3.27 0.00	72.56 3.98 0.00	75.35 3.66 0.00	80.73 3.77 0.00	138.75 1.78 0.00	143.43 1.00 0.00	130.95 0.91 0.00	117.84 1.86 0.00	92.69 3.22 0.00	57.79 3.01 0.00	61.54 2.31 0.00	51.56 0.51 0.00	41.50 0.89 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.87 3.04 0.00	33.78 2.62 0.00	30.34 2.30 0.00	28.83 2.11 0.00	29.29 2.07 0.00	31.26 2.26 0.00	35.77 2.53 0.00	39.72 3.31 0.00	42.31 3.67 0.00	48.52 3.72 0.00	59.39 4.70 0.00	66.92 5.19 0.00	74.20 5.62 0.00	78.01 6.31 0.00	84.30 6.62 -0.73	159.29 13.29 -9.04	164.58 13.96 -8.18	166.55 12.74 -23.77	157.77 11.02 -30.77	122.88 7.78 -25.62	75.77 4.05 -16.93	70.79 4.56 -6.99	55.59 4.54 0.00	44.30 3.70 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.40 2.58 0.00	33.44 2.28 0.00	30.03 1.99 0.00	28.53 1.82 0.00	29.01 1.80 0.00	30.97 1.97 0.00	35.37 2.13 0.00	39.18 2.77 0.00	41.77 3.13 0.00	48.07 3.27 0.00	58.84 4.16 0.00	66.36 4.63 0.00	73.72 5.14 0.00	77.43 5.74 0.00	82.96 6.00 0.00	155.14 11.92 -6.26	160.46 12.53 -5.50	162.01 11.57 -20.40	153.01 9.97 -27.05	119.88 7.25 -23.16	73.55 3.78 -14.99	70.08 4.15 -6.69	55.08 4.03 0.00	43.82 3.21 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.34 3.51 -0.01	34.20 3.02 -0.01	30.71 2.66 -0.01	29.21 2.48 -0.01	29.62 2.40 -0.01	31.52 2.52 0.00	35.94 2.69 0.00	39.90 3.50 0.00	42.47 3.83 0.00	48.34 3.54 0.00	59.06 4.38 0.01	66.36 4.63 0.01	73.51 4.94 0.01	77.21 5.52 0.01	83.46 5.77 -0.73	157.91 11.92 -9.03	163.00 12.39 -8.18	165.24 11.44 -23.76	156.72 9.97 -30.76	122.15 7.07 -25.62	75.38 3.67 -16.93	70.54 4.32 -6.98	55.48 4.44 0.01	44.55 3.94 0.00
E179THST_13_KV_LOAD 356214	39.59 3.76 -0.01	34.41 3.24 -0.01	30.91 2.86 -0.01	29.34 2.62 -0.01	29.76 2.53 -0.01	31.69 2.70 0.00	36.14 2.89 0.00	40.16 3.75 0.00	42.74 4.10 0.00	48.66 3.85 0.00	59.44 4.76 0.01	66.79 5.06 0.01	74.06 5.49 0.01	77.79 6.09 0.01	84.07 6.39 -0.73	159.01 13.01 -9.03	164.28 13.67 -8.18	166.28 12.48 -23.76	157.76 11.02 -30.76	122.96 7.87 -25.62	75.81 4.11 -16.93	71.01 4.80 -6.98	55.89 4.85 0.01	44.83 4.22 0.00
EAST HAMPTON___GT 23717	49.93 5.70 -8.41	48.16 4.86 -12.14	45.89 4.26 -13.59	41.45 3.98 -10.75	39.88 3.86 -8.79	40.93 4.20 -7.73	43.77 4.79 -5.74	47.62 6.05 -5.16	49.55 6.92 -3.99	52.03 7.21 -0.01	72.35 9.24 -8.42	139.23 10.55 -66.95	149.50 12.00 -68.92	250.32 12.69 -165.93	233.63 11.85 -144.83	251.30 22.87 -91.46	286.42 23.92 -120.07	283.77 21.84 -131.90	264.41 19.26 -129.17	316.39 13.24 -213.68	344.33 7.39 -282.16	235.60 9.06 -167.30	66.75 7.71 -7.99	54.75 6.17 -7.97
EAST RIVER___6 23660	39.12 3.29 0.00	33.91 2.74 0.00	30.45 2.41 0.00	28.91 2.19 0.00	29.34 2.12 0.00	31.32 2.32 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.62 3.98 0.00	48.79 3.99 0.00	59.72 5.03 0.00	67.10 5.37 0.00	74.13 5.55 0.00	78.01 6.31 0.00	84.31 6.62 -0.73	159.44 13.43 -9.04	164.58 13.97 -8.18	166.41 12.61 -23.77	157.78 11.02 -30.77	122.69 7.60 -25.62	75.44 3.73 -16.93	70.79 4.56 -6.99	55.74 4.69 0.00	44.55 3.94 0.00
EAST RIVER___7 23524	39.12 3.29 0.00	33.91 2.74 0.00	30.45 2.41 0.00	28.91 2.19 0.00	29.34 2.12 0.00	31.32 2.32 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.62 3.98 0.00	48.79 3.99 0.00	59.72 5.03 0.00	67.10 5.37 0.00	74.13 5.55 0.00	78.01 6.31 0.00	84.31 6.62 -0.73	159.44 13.43 -9.04	164.58 13.97 -8.18	166.41 12.61 -23.77	157.78 11.02 -30.77	122.69 7.60 -25.62	75.44 3.73 -16.93	70.79 4.56 -6.99	55.74 4.69 0.00	44.55 3.94 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.76 2.94 0.00	33.72 2.56 0.00	30.28 2.24 0.00	28.77 2.06 0.00	29.21 1.99 0.00	31.17 2.17 0.00	35.67 2.43 0.00	39.58 3.17 0.00	42.20 3.56 0.00	48.39 3.58 0.00	59.23 4.54 0.00	66.73 5.00 0.00	74.07 5.49 0.00	77.79 6.09 0.00	84.07 6.39 -0.73	158.85 12.87 -9.01	164.12 13.53 -8.16	166.22 12.48 -23.70	157.34 10.67 -30.68	122.63 7.60 -25.55	75.61 3.94 -16.89	70.65 4.44 -6.97	55.44 4.39 0.00	44.18 3.57 0.00
EAST_HAMPTON___DIESEL 23722	49.89 5.66 -8.41	48.16 4.86 -12.14	45.89 4.26 -13.59	41.42 3.95 -10.75	39.85 3.84 -8.79	40.93 4.20 -7.73	43.77 4.79 -5.74	47.62 6.05 -5.16	49.51 6.88 -3.99	51.98 7.17 -0.01	72.35 9.24 -8.42	139.23 10.55 -66.95	149.43 11.93 -68.92	250.25 12.62 -165.93	233.56 11.77 -144.83	251.17 22.74 -91.46	286.29 23.79 -120.07	283.65 21.72 -131.90	264.28 19.13 -129.17	316.22 13.06 -213.68	344.28 7.34 -282.16	235.48 8.95 -167.30	66.69 7.66 -7.99	54.71 6.13 -7.97
EAST_POINT___SOLAR 323840	39.51 3.69 0.00	34.35 3.18 0.00	30.82 2.78 0.00	29.31 2.59 0.00	29.89 2.67 0.00	31.92 2.93 0.00	36.20 2.96 0.00	38.67 2.26 0.00	40.54 1.89 0.00	47.18 2.37 0.00	57.58 2.90 0.00	66.55 4.82 0.00	74.13 5.55 0.00	77.51 5.80 0.00	87.65 6.69 -4.00	184.52 12.06 -35.50	183.09 12.10 -28.56	318.45 12.48 -175.93	372.36 15.31 -241.07	316.56 12.97 -214.12	230.36 8.16 -167.42	139.44 8.59 -71.62	57.94 6.89 0.00	45.56 4.95 0.00
EAST_PULASKI___ESR 323781	37.08 -0.54 -1.79	31.35 -0.50 -0.68	27.53 -0.45 0.06	25.87 -0.45 0.39	26.51 -0.44 0.27	28.71 -0.43 -0.15	34.28 -0.40 -1.43	37.54 -0.36 -1.50	40.02 -0.58 -1.95	48.25 -0.54 -3.98	58.31 -0.65 -4.28	67.55 -0.37 -6.18	61.89 -0.27 6.42	67.69 -0.36 3.65	73.33 -0.53 3.09	126.89 -1.64 8.44	130.85 -1.99 9.59	117.79 -1.55 10.69	104.28 -1.05 10.66	99.82 -0.27 -10.62	61.25 0.00 -6.47	64.11 -0.18 -5.05	53.66 -0.51 -3.12	43.15 -0.57 -3.11
EAST_RIVER___1 323558	39.19 3.37 0.00	34.03 2.87 0.00	30.56 2.52 0.00	29.01 2.30 0.00	29.45 2.23 0.00	31.40 2.41 0.00	35.97 2.73 0.00	40.05 3.64 0.00	42.66 4.02 0.00	48.79 3.99 0.00	59.78 5.09 0.00	67.17 5.43 0.00	74.34 5.76 0.00	78.22 6.52 0.00	84.53 6.85 -0.73	159.83 13.83 -9.04	165.00 14.38 -8.18	166.93 13.13 -23.77	158.24 11.49 -30.77	123.05 7.96 -25.62	75.77 4.05 -16.93	70.96 4.74 -6.99	55.85 4.80 0.00	44.63 4.02 0.00
EAST_RIVER___2 323559	39.12 3.29 0.00	33.91 2.74 0.00	30.45 2.41 0.00	28.91 2.19 0.00	29.34 2.12 0.00	31.32 2.32 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.62 3.98 0.00	48.79 3.99 0.00	59.72 5.03 0.00	67.10 5.37 0.00	74.13 5.55 0.00	78.01 6.31 0.00	84.31 6.62 -0.73	159.44 13.43 -9.04	164.58 13.97 -8.18	166.41 12.61 -23.77	157.78 11.02 -30.77	122.69 7.60 -25.62	75.44 3.73 -16.93	70.79 4.56 -6.99	55.74 4.69 0.00	44.55 3.94 0.00
EAST___DELAWARE_HYD 23607	37.51 1.68 0.00	32.66 1.50 0.00	29.30 1.26 0.00	27.81 1.10 0.00	28.31 1.09 0.00	30.21 1.22 0.00	34.58 1.33 0.00	38.27 1.86 0.00	40.77 2.12 0.00	46.91 2.11 0.00	57.42 2.73 0.00	64.82 3.09 0.00	72.07 3.50 0.00	75.64 3.94 0.00	81.11 4.15 0.00	147.65 8.63 -2.05	153.21 9.40 -1.38	155.29 8.97 -16.29	146.82 8.00 -22.84	115.90 5.64 -20.79	73.86 2.79 -16.29	69.53 3.02 -7.27	54.01 2.96 0.00	42.88 2.27 0.00
EIGHT_POINT___WT_PWR 323820	37.15 0.97 -0.36	32.09 0.75 -0.18	28.77 0.67 -0.06	27.07 0.35 0.00	27.54 0.30 -0.02	29.52 0.44 -0.09	34.47 0.93 -0.29	37.75 1.13 -0.21	41.56 2.51 -0.40	48.91 3.59 -0.52	60.06 4.54 -0.84	68.39 5.74 -0.91	76.69 7.07 -1.05	80.52 7.32 -1.51	82.74 4.08 -1.71	142.86 3.15 -2.74	148.03 2.85 -2.75	135.79 3.51 -2.24	121.82 4.06 -1.78	95.42 4.56 -1.39	59.24 3.61 -0.84	62.97 3.08 -0.66	52.88 1.43 -0.41	42.27 1.26 -0.41
ELBRIDGE_115KV_TB2 80188	37.50 0.07 -1.61	31.95 0.03 -0.75	28.24 0.03 -0.17	26.61 -0.03 0.08	27.20 -0.03 -0.01	29.36 0.03 -0.34	34.65 0.10 -1.31	37.63 0.18 -1.04	40.66 0.23 -1.78	47.86 0.40 -2.65	59.05 0.60 -3.76	67.12 0.93 -4.46	74.55 1.17 -4.80	80.53 1.15 -7.68	86.93 1.23 -8.74	150.94 1.23 -12.74	155.99 1.00 -12.56	141.13 0.91 -10.19	126.22 1.16 -9.07	97.79 1.25 -7.07	60.02 0.93 -4.31	63.31 0.71 -3.36	53.38 0.26 -2.08	42.80 0.12 -2.07
ELEC_TRO_TEK 24086	47.77 3.55 -8.40	46.36 3.05 -12.14	44.32 2.69 -13.59	39.95 2.48 -10.75	38.44 2.42 -8.79	39.36 2.64 -7.73	41.94 2.96 -5.74	45.36 3.79 -5.16	46.81 4.17 -3.99	48.92 4.12 0.00	59.72 5.03 0.00	67.41 5.68 0.00	75.03 6.45 0.00	78.87 7.17 0.00	132.15 7.54 -47.65	198.43 15.07 -46.40	239.79 15.95 -81.40	292.52 14.56 -147.92	216.79 12.64 -88.17	130.08 8.86 -31.75	76.47 4.77 -16.93	71.61 5.39 -6.99	56.31 5.26 0.00	51.35 4.26 -6.48

ELLENBURG_WT_PWR 323604	33.21 -1.68 0.93	29.10 -1.40 0.66	26.33 -1.23 0.48	25.16 -1.15 0.41	25.59 -1.20 0.43	27.10 -1.36 0.54	31.25 -1.20 0.79	35.00 -1.31 0.10	36.20 -1.35 1.09	44.39 -0.40 0.01	49.61 -3.01 2.07	54.97 -5.99 0.77	57.94 -4.80 5.84	59.89 -4.95 6.86	63.90 -5.31 7.75	116.46 -8.90 11.61	122.13 -8.54 11.76	111.54 -7.67 10.82	97.54 -6.84 11.60	84.01 -5.46 0.00	51.77 -3.01 0.00	55.80 -3.44 0.00	48.55 -2.50 0.00	39.06 -1.54 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.14 0.32 0.00	31.45 0.28 0.00	28.32 0.28 0.00	26.88 0.16 0.00	27.33 0.11 0.00	29.17 0.17 0.00	33.48 0.23 0.00	36.41 0.00 0.00	38.99 0.35 0.00	45.65 0.85 0.00	56.06 1.37 0.00	63.71 1.98 0.00	71.05 2.47 0.00	73.63 1.94 0.00	78.96 2.00 0.00	135.60 -1.37 0.00	140.01 -2.42 0.00	127.82 -2.21 0.00	115.29 -0.70 0.00	90.72 1.25 0.00	56.59 1.81 0.00	60.42 1.18 0.00	50.59 -0.46 0.00	40.89 0.28 0.00
EMPIRE_CC_1 323656	37.04 1.22 0.00	32.19 1.03 0.00	29.08 1.04 0.00	27.73 1.01 0.00	28.20 0.98 0.00	30.01 1.01 0.00	34.17 0.93 0.00	37.72 1.31 0.00	39.99 1.35 0.00	46.19 1.39 0.00	56.49 1.80 0.00	63.83 2.10 0.00	70.84 2.26 0.00	74.22 2.51 -0.01	92.86 2.69 -13.21	191.46 5.34 -49.16	193.99 5.70 -45.86	232.97 4.94 -97.99	241.95 4.17 -121.79	188.88 3.04 -96.37	137.11 1.64 -80.69	86.89 1.95 -25.70	53.04 1.99 0.00	42.23 1.63 0.00
EMPIRE_CC_2 323658	37.04 1.22 0.00	32.19 1.03 0.00	29.08 1.04 0.00	27.73 1.01 0.00	28.20 0.98 0.00	30.01 1.01 0.00	34.17 0.93 0.00	37.72 1.31 0.00	39.99 1.35 0.00	46.19 1.39 0.00	56.49 1.80 0.00	63.83 2.10 0.00	70.84 2.26 0.00	74.22 2.51 -0.01	92.86 2.69 -13.21	191.46 5.34 -49.16	193.99 5.70 -45.86	232.97 4.94 -97.99	241.95 4.17 -121.79	188.88 3.04 -96.37	137.11 1.64 -80.69	86.89 1.95 -25.70	53.04 1.99 0.00	42.23 1.63 0.00
ENORWICH_115KV_TB1 80156	39.54 3.04 -0.67	34.21 2.71 -0.33	30.47 2.33 -0.11	28.83 2.11 -0.01	29.55 2.29 -0.04	31.72 2.55 -0.17	37.12 3.32 -0.55	40.62 3.82 -0.39	43.07 3.67 -0.75	50.30 4.53 -0.97	61.67 5.41 -1.57	70.23 6.79 -1.70	78.28 7.75 -1.95	82.54 8.03 -2.81	88.78 8.62 -3.20	157.84 14.52 -6.36	163.64 15.24 -5.96	158.75 14.69 -14.02	147.25 14.15 -17.11	116.78 12.17 -15.14	74.08 7.89 -11.41	72.56 7.70 -5.62	57.38 5.56 -0.76	45.47 4.10 -0.76
ERIE_ST__34_KV_TB1-2 80199	36.47 0.64 0.00	31.69 0.53 0.00	28.54 0.50 0.00	27.09 0.37 0.00	27.55 0.33 0.00	29.40 0.41 0.00	33.81 0.57 0.00	36.92 0.51 0.00	39.53 0.89 0.00	46.37 1.57 0.00	56.93 2.24 0.00	64.76 3.02 0.00	72.28 3.70 0.00	75.14 3.44 0.00	80.57 3.62 0.00	138.47 1.51 0.00	143.00 0.57 0.00	130.56 0.52 0.00	117.49 1.51 0.00	92.42 2.95 0.00	57.52 2.74 0.00	61.31 2.07 0.00	51.31 0.26 0.00	41.38 0.77 0.00
ERIE_WT_PWR 323693	36.39 0.57 0.00	31.63 0.47 0.00	28.49 0.45 0.00	27.04 0.32 0.00	27.49 0.27 0.00	29.34 0.35 0.00	33.71 0.47 0.00	36.56 0.15 0.00	39.30 0.66 0.00	46.15 1.34 0.00	56.44 1.75 0.00	64.21 2.47 0.00	71.94 3.36 0.00	74.49 2.79 0.00	79.88 2.92 0.00	137.10 0.14 0.00	141.87 -0.57 0.00	129.52 -0.52 0.00	116.34 0.35 0.00	91.44 1.97 0.00	57.03 2.25 0.00	60.89 1.66 0.00	51.05 0.00 0.00	41.22 0.61 0.00
ESPRGFLD_115KV_TB1 80157	38.37 2.54 0.00	33.41 2.24 0.00	29.97 1.93 0.00	28.50 1.79 0.00	29.10 1.88 0.00	31.11 2.12 0.00	35.74 2.49 0.00	39.07 2.66 0.00	41.35 2.70 0.00	48.07 3.27 0.00	58.74 4.05 0.00	66.92 5.19 0.00	74.48 5.90 0.00	77.79 6.09 0.00	86.48 6.70 -2.83	174.30 11.78 -25.55	174.81 11.82 -20.56	268.03 11.44 -126.55	300.86 11.48 -173.39	252.87 9.39 -154.00	180.92 5.86 -120.28	116.76 6.04 -51.49	55.85 4.80 0.00	44.10 3.49 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.94 1.18 -0.93	32.63 1.00 -0.46	29.09 0.90 -0.15	27.50 0.77 -0.01	28.10 0.82 -0.06	30.16 0.93 -0.24	35.24 1.23 -0.76	38.41 1.46 -0.54	41.16 1.47 -1.04	47.99 1.84 -1.35	59.11 2.24 -2.18	66.88 2.78 -2.37	74.65 3.36 -2.71	78.98 3.37 -3.91	85.02 3.62 -4.45	150.13 5.48 -7.69	155.50 5.55 -7.52	145.91 5.46 -10.41	132.49 5.45 -11.05	103.84 4.92 -9.45	64.79 3.23 -6.78	66.08 3.08 -3.76	54.20 2.09 -1.06	43.20 1.54 -1.05
ETNA____115KV_TB2 80207	37.94 1.18 -0.93	32.63 1.00 -0.46	29.09 0.90 -0.15	27.50 0.77 -0.01	28.10 0.82 -0.06	30.16 0.93 -0.24	35.24 1.23 -0.76	38.41 1.46 -0.54	41.16 1.47 -1.04	47.99 1.84 -1.35	59.11 2.24 -2.18	66.88 2.78 -2.37	74.65 3.36 -2.71	78.98 3.37 -3.91	85.02 3.62 -4.45	150.13 5.48 -7.69	155.50 5.55 -7.52	145.91 5.46 -10.41	132.49 5.45 -11.05	103.84 4.92 -9.45	64.79 3.23 -6.78	66.08 3.08 -3.76	54.20 2.09 -1.06	43.20 1.54 -1.05
EUCLID____115KV_TB2 356179	36.10 -0.21 -0.49	31.10 -0.25 -0.18	27.82 -0.20 0.03	26.35 -0.24 0.12	26.89 -0.24 0.09	28.79 -0.23 -0.03	33.47 -0.17 -0.39	36.69 -0.15 -0.43	39.06 -0.12 -0.54	45.95 0.00 -1.14	55.98 0.11 -1.18	63.80 0.31 -1.76	70.67 0.48 -1.61	75.44 0.43 -3.31	81.19 0.46 -3.77	141.39 0.00 -4.43	146.32 -0.28 -4.17	133.08 -0.26 -3.31	119.90 0.00 -3.91	92.88 0.36 -3.05	56.97 0.33 -1.86	60.80 0.12 -1.45	51.74 -0.20 -0.90	41.30 -0.20 -0.89
E_CANADA_CAP_HY 24051	39.01 3.19 0.00	33.94 2.77 0.00	30.45 2.41 0.00	28.96 2.24 0.00	29.56 2.34 0.00	31.61 2.61 0.00	36.14 2.89 0.00	39.25 2.84 0.00	41.46 2.82 0.00	48.21 3.40 0.00	58.84 4.15 0.00	67.29 5.56 0.00	74.96 6.38 0.00	78.37 6.67 0.00	88.14 7.46 -3.72	183.49 13.43 -33.10	182.31 13.25 -26.63	307.15 13.13 -163.99	354.47 13.80 -224.69	300.32 11.27 -199.57	217.87 7.07 -156.02	133.39 7.40 -66.75	57.07 6.02 0.00	44.96 4.35 0.00
E_CANADA_MHWK_HY 24050	36.17 0.57 0.23	31.50 0.50 0.16	28.34 0.42 0.12	26.99 0.37 0.10	27.52 0.41 0.11	29.33 0.46 0.13	33.61 0.56 0.19	37.11 0.73 0.02	39.11 0.73 0.27	45.65 0.85 0.00	55.33 1.15 0.51	62.96 1.42 0.19	74.20 1.64 -3.98	78.52 1.72 -5.10	84.77 1.84 -5.98	148.13 3.43 -7.74	153.50 3.41 -7.65	140.41 3.25 -7.12	127.84 2.90 -8.95	91.79 2.32 0.00	56.20 1.42 0.00	60.72 1.48 0.00	52.23 1.18 0.00	41.50 0.89 0.00
E_FISHKILL____LBMP 23776	38.29 2.47 0.00	33.28 2.12 0.00	29.92 1.88 0.00	28.45 1.74 0.00	28.93 1.71 0.00	30.85 1.86 0.00	35.24 1.99 0.00	39.07 2.66 0.00	41.62 2.98 0.00	47.80 3.00 0.00	58.52 3.83 0.00	65.93 4.20 0.00	73.17 4.59 0.00	76.79 5.09 0.00	83.10 5.39 -0.76	157.12 10.82 -9.34	162.28 11.39 -8.46	164.87 10.40 -24.43	156.52 8.93 -31.60	122.12 6.35 -26.30	75.42 3.29 -17.36	70.12 3.73 -7.16	54.78 3.73 0.00	43.65 3.05 0.00
FALCON____SEABRD_CC1 323796	33.60 -1.29 0.93	29.41 -1.09 0.66	26.61 -0.95 0.48	25.45 -0.86 0.41	25.88 -0.90 0.44	27.44 -1.02 0.54	31.62 -0.83 0.80	35.37 -0.95 0.10	36.59 -0.96 1.09	44.66 -0.13 0.01	49.66 -2.95 2.07	54.78 -6.17 0.78	56.81 -5.76 6.01	58.67 -5.95 7.07	62.67 -6.31 7.98	114.18 -10.82 11.96	119.93 -10.39 12.11	109.52 -9.36 11.15	95.68 -8.35 11.95	82.85 -6.62 0.00	51.11 -3.67 0.00	55.09 -4.15 0.00	48.45 -2.60 0.00	39.47 -1.14 0.00

FALCON___SEABRD_CC2 323797	33.60 -1.29 0.93	29.41 -1.09 0.66	26.61 -0.95 0.48	25.45 -0.86 0.41	25.88 -0.90 0.44	27.44 -1.02 0.54	31.62 -0.83 0.80	35.37 -0.95 0.10	36.59 -0.96 1.09	44.66 -0.13 0.01	49.66 -2.95 2.07	54.78 -6.17 0.78	56.81 -5.76 6.01	58.67 -5.95 7.07	62.67 -6.31 7.98	114.18 -10.82 11.96	119.93 -10.39 12.11	109.52 -9.36 11.15	95.68 -8.35 11.95	82.85 -6.62 0.00	51.11 -3.67 0.00	55.09 -4.15 0.00	48.45 -2.60 0.00	39.47 -1.14 0.00
FAR ROCKAWAY___4 23548	48.52 4.30 -8.40	46.95 3.65 -12.14	44.82 3.20 -13.59	40.41 2.94 -10.75	38.90 2.89 -8.79	39.83 3.10 -7.73	42.44 3.46 -5.74	45.90 4.33 -5.16	47.47 4.83 -3.99	49.78 4.97 0.00	60.49 5.80 0.00	68.40 6.67 0.00	75.44 6.86 0.00	79.30 7.60 0.00	120.64 8.08 -35.61	189.80 16.02 -36.81	228.88 17.09 -69.36	286.62 15.73 -140.85	211.07 13.80 -81.28	129.31 9.66 -30.18	76.91 5.20 -16.93	72.68 6.46 -6.99	57.18 6.13 0.00	52.37 5.28 -6.48
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.19 3.37 0.00	34.06 2.90 0.00	30.56 2.52 0.00	29.04 2.32 0.00	29.48 2.26 0.00	31.43 2.44 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.70 4.06 0.00	48.83 4.03 0.00	59.77 5.09 0.00	67.17 5.43 0.00	74.41 5.83 0.00	78.29 6.60 0.00	84.54 6.85 -0.73	159.84 13.83 -9.04	165.15 14.53 -8.18	167.07 13.26 -23.77	158.24 11.48 -30.77	123.14 8.05 -25.62	75.82 4.11 -16.93	70.96 4.74 -6.99	55.85 4.80 0.00	44.63 4.02 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.22 3.40 0.00	34.06 2.90 0.00	30.59 2.55 0.00	29.04 2.32 0.00	29.48 2.26 0.00	31.43 2.44 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.70 4.06 0.00	48.83 4.03 0.00	59.77 5.09 0.00	67.17 5.43 0.00	74.41 5.83 0.00	78.29 6.60 0.00	84.54 6.85 -0.73	159.84 13.83 -9.04	165.15 14.53 -8.18	167.07 13.26 -23.77	158.35 11.60 -30.77	123.23 8.14 -25.62	75.82 4.11 -16.93	70.96 4.74 -6.99	55.90 4.85 0.00	44.67 4.06 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.19 3.37 0.00	34.03 2.87 0.00	30.56 2.52 0.00	29.01 2.30 0.00	29.45 2.23 0.00	31.40 2.41 0.00	35.97 2.73 0.00	40.01 3.60 0.00	42.66 4.02 0.00	48.79 3.99 0.00	59.72 5.03 0.00	67.10 5.37 0.00	74.34 5.76 0.00	78.22 6.52 0.00	84.46 6.77 -0.73	159.70 13.70 -9.04	165.00 14.39 -8.18	166.94 13.13 -23.77	158.12 11.37 -30.77	123.05 7.96 -25.62	75.77 4.05 -16.93	70.90 4.68 -6.99	55.80 4.75 0.00	44.59 3.98 0.00
FARRAGUT___LBMP 323566	39.15 3.33 0.00	34.00 2.84 0.00	30.54 2.50 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.37 2.38 0.00	35.94 2.69 0.00	39.98 3.57 0.00	42.62 3.98 0.00	48.75 3.94 0.00	59.61 4.92 0.00	67.04 5.31 0.00	74.27 5.69 0.00	78.08 6.38 0.00	84.38 6.70 -0.73	159.57 13.56 -9.04	164.72 14.10 -8.18	166.68 12.87 -23.77	158.00 11.25 -30.77	122.97 7.87 -25.62	75.71 4.00 -16.93	70.84 4.62 -6.99	55.75 4.70 0.00	44.55 3.94 0.00
FENNER___WINDPWR 24204	37.00 0.90 -0.29	32.00 0.78 -0.05	28.61 0.67 0.10	27.15 0.61 0.18	27.72 0.65 0.15	29.69 0.75 0.06	34.46 1.00 -0.22	37.98 1.20 -0.37	40.18 1.24 -0.30	47.39 1.57 -1.02	57.36 1.97 -0.71	65.21 2.03 -1.44	77.42 2.47 -6.37	83.09 2.58 -8.81	90.10 2.77 -10.38	155.12 4.51 -13.65	160.40 4.56 -13.41	146.25 4.28 -11.93	134.15 4.17 -13.99	95.77 3.58 -2.72	58.79 2.35 -1.66	63.20 2.67 -1.29	53.68 1.84 -0.80	42.74 1.34 -0.80
FIBERTEK___ENERGY 23856	37.51 0.21 -1.48	31.97 0.12 -0.68	28.32 0.14 -0.14	26.67 0.05 0.09	27.29 0.08 0.01	29.41 0.12 -0.29	34.68 0.23 -1.20	37.71 0.33 -0.98	40.63 0.35 -1.64	47.89 0.58 -2.50	58.97 0.82 -3.47	67.08 1.17 -4.18	74.46 1.44 -4.44	80.38 1.43 -7.25	86.82 1.62 -8.25	150.70 1.92 -11.82	155.75 1.71 -11.61	141.00 1.56 -9.40	126.18 1.62 -8.57	97.75 1.61 -6.67	59.94 1.10 -4.07	63.36 0.95 -3.18	53.47 0.46 -1.96	42.80 0.24 -1.95
FITZPATRICK____ 23598	25.34 -0.86 9.62	25.60 -0.78 4.79	25.81 -0.70 1.53	25.92 -0.69 0.10	25.89 -0.71 0.62	25.82 -0.72 2.46	24.57 -0.80 7.88	30.00 -0.84 5.57	27.00 -0.89 10.76	30.00 -0.90 13.91	31.19 -1.09 22.40	36.32 -1.05 24.36	39.60 -1.03 27.95	30.28 -1.15 40.26	29.92 -1.23 45.80	60.80 -2.88 73.28	65.91 -3.13 73.39	67.21 -2.86 59.97	66.00 -2.44 47.54	50.83 -1.61 37.03	31.33 -0.88 22.57	40.55 -1.06 17.62	39.00 -1.17 10.88	28.80 -0.97 10.83
FLOWRFLD_69_KV_BK1 356044	48.43 4.19 -8.42	46.95 3.65 -12.14	44.82 3.20 -13.59	40.41 2.94 -10.75	38.90 2.89 -8.79	39.89 3.16 -7.73	42.57 3.59 -5.74	46.16 4.59 -5.16	47.74 5.10 -3.99	49.84 5.02 -0.02	71.63 5.69 -11.26	157.62 6.36 -89.52	168.08 7.34 -92.16	301.68 8.10 -221.89	276.16 8.54 -190.66	270.87 16.85 -117.06	306.41 17.80 -146.17	280.46 16.25 -134.17	280.59 14.15 -150.46	376.32 10.11 -276.74	428.63 5.53 -368.32	286.64 6.04 -221.36	67.56 5.82 -10.69	53.96 4.87 -8.48
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.83 3.01 0.00	33.78 2.62 0.00	30.31 2.27 0.00	28.80 2.08 0.00	29.31 2.10 0.00	31.29 2.29 0.00	35.77 2.53 0.00	39.61 3.20 0.00	42.47 3.83 0.00	48.92 4.12 0.00	59.99 5.30 0.00	67.66 5.93 0.00	75.23 6.65 0.00	79.01 7.31 0.00	84.57 7.62 0.00	159.02 14.93 -7.12	163.41 13.65 -6.31	165.68 11.83 -21.99	156.81 8.59 -28.99	122.73 6.55 -24.68	74.93 4.55 -15.61	71.18 4.98 -6.97	55.80 4.75 0.00	44.34 3.74 0.00
FORT ORANGE____ 23900	36.72 0.90 0.00	32.13 0.97 0.00	28.91 0.87 0.00	27.54 0.83 0.00	28.03 0.82 0.00	29.90 0.90 0.00	34.14 0.90 0.00	37.57 1.16 0.00	39.61 0.97 0.00	45.75 0.94 0.00	55.78 1.09 0.00	63.03 1.30 0.00	69.88 1.30 0.00	73.17 1.51 0.03	54.34 1.77 24.39	22.56 4.11 118.51	29.28 4.42 117.57	59.90 3.77 73.91	61.95 3.24 57.28	82.54 2.32 9.25	74.24 1.10 -18.36	87.84 1.36 -27.25	52.63 1.58 0.00	41.83 1.22 0.00
FORT_DRUM_COGEN 23780	33.01 -1.25 1.55	28.67 -1.09 1.40	25.74 -1.01 1.29	24.59 -0.85 1.27	25.12 -0.82 1.28	26.87 -0.78 1.34	31.24 -0.63 1.37	36.40 -0.51 -0.50	35.91 -0.85 1.88	45.93 -0.85 -1.98	50.30 -1.09 3.30	61.99 -0.80 -1.06	21.41 -2.33 44.84	25.73 -2.29 43.68	25.03 -2.69 49.23	43.40 -4.66 88.91	44.38 -5.41 92.64	40.08 -4.55 85.41	35.97 -3.25 76.77	93.19 -1.61 -5.33	58.52 0.49 -3.25	62.07 0.30 -2.53	52.10 -0.51 -1.56	41.44 -0.73 -1.56
FOX_HILLS___ESR 323835	39.41 3.58 -0.01	34.26 3.09 -0.01	30.80 2.75 -0.01	29.23 2.51 -0.01	29.70 2.48 -0.01	31.61 2.61 0.00	36.07 2.83 0.00	40.09 3.68 0.00	42.62 3.98 0.00	48.57 3.76 0.00	59.39 4.70 0.00	66.80 5.06 0.00	73.85 5.28 0.01	77.71 6.02 0.01	84.07 6.39 -0.73	158.74 12.74 -9.03	163.86 13.25 -8.18	166.02 12.22 -23.76	157.66 10.90 -30.77	122.60 7.52 -25.62	71.27 3.62 -12.88	70.42 4.21 -6.98	84.57 4.75 -28.77	44.55 3.94 0.00
FPL FAR_ROCK_GT1 24212	48.52 4.30 -8.40	46.95 3.64 -12.14	44.82 3.20 -13.59	40.41 2.94 -10.75	38.90 2.88 -8.79	39.83 3.10 -7.73	42.44 3.46 -5.74	45.94 4.37 -5.16	47.47 4.83 -3.99	49.69 4.88 0.00	60.48 5.79 0.00	68.40 6.67 0.00	75.44 6.86 0.00	79.22 7.53 0.00	120.64 8.08 -35.61	189.65 15.88 -36.81	228.87 17.08 -69.36	286.61 15.73 -140.85	211.07 13.80 -81.28	129.23 9.58 -30.18	79.31 5.15 -19.38	72.68 6.46 -6.99	57.18 6.12 -0.01	52.37 5.28 -6.48

FPL FAR_ROCK_GT2 23815	48.52 4.30 -8.40	46.95 3.64 -12.14	44.82 3.20 -13.59	40.41 2.94 -10.75	38.90 2.88 -8.79	39.83 3.10 -7.73	42.44 3.46 -5.74	45.94 4.37 -5.16	47.47 4.83 -3.99	49.69 4.88 0.00	60.48 5.79 0.00	68.40 6.67 0.00	75.44 6.86 0.00	79.22 7.53 0.00	120.64 8.08 -35.61	189.65 15.88 -36.81	228.87 17.08 -69.36	286.61 15.73 -140.85	211.07 13.80 -81.28	129.23 9.58 -30.18	79.31 5.15 -19.38	72.68 6.46 -6.99	57.18 6.12 -0.01	52.37 5.28 -6.48
FRANKLIN_FALL_HYD 24054	30.15 -1.68 3.99	26.86 -1.46 2.84	24.70 -1.29 2.05	23.83 -1.15 1.74	24.19 -1.17 1.86	25.40 -1.30 2.30	28.65 -1.20 3.40	34.58 -1.42 0.41	32.44 -1.55 4.66	43.56 -1.21 0.03	43.16 -2.68 8.85	54.35 -4.07 3.31	44.00 -4.59 19.99	54.31 -4.73 12.65	57.59 -5.08 14.28	85.63 -8.49 42.84	87.60 -8.12 46.72	80.92 -7.41 41.71	87.99 -6.61 21.39	84.19 -5.28 0.00	51.99 -2.79 0.00	56.15 -3.08 0.00	48.50 -2.55 0.00	38.82 -1.79 0.00
FREEPORT_EQUS_GT1 23764	48.09 3.87 -8.40	46.64 3.34 -12.14	44.57 2.94 -13.59	40.17 2.70 -10.75	38.68 2.67 -8.79	39.60 2.87 -7.73	42.20 3.22 -5.74	45.65 4.08 -5.16	47.16 4.52 -3.99	49.20 4.39 0.00	59.83 5.14 0.00	67.60 5.87 0.00	75.30 6.72 0.00	79.15 7.46 0.00	126.10 7.93 -41.22	194.12 15.88 -41.27	234.48 17.08 -74.97	289.78 15.60 -144.14	214.15 13.68 -84.49	129.86 9.48 -30.91	79.25 5.10 -19.38	72.20 5.98 -6.99	56.92 5.87 0.00	51.80 4.71 -6.48
FREEPORT___CT2 23818	48.09 3.87 -8.40	46.64 3.34 -12.14	44.57 2.94 -13.59	40.17 2.70 -10.75	38.68 2.67 -8.79	39.60 2.87 -7.73	42.20 3.22 -5.74	45.65 4.08 -5.16	47.16 4.52 -3.99	49.20 4.39 0.00	59.83 5.14 0.00	67.60 5.87 0.00	75.30 6.72 0.00	79.15 7.46 0.00	126.10 7.93 -41.22	194.12 15.88 -41.27	234.48 17.08 -74.97	289.78 15.60 -144.14	214.15 13.68 -84.49	129.86 9.48 -30.91	79.25 5.10 -19.38	72.20 5.98 -6.99	56.92 5.87 0.00	51.80 4.71 -6.48
FRESHKLS_33_KV_LOAD 356253	39.41 3.58 -0.01	34.26 3.09 -0.01	30.80 2.75 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.61 2.61 0.00	36.04 2.79 0.00	40.01 3.60 0.00	42.54 3.90 0.01	45.09 3.67 3.39	46.85 4.65 12.49	61.53 4.94 5.14	71.95 5.14 1.77	76.17 5.95 1.48	76.07 6.31 7.20	134.99 12.60 14.58	140.40 13.25 15.28	140.83 12.09 1.30	134.04 10.90 -7.15	99.08 7.60 -2.00	60.33 3.56 -1.99	55.52 4.21 7.92	48.02 4.70 7.72	44.50 3.90 0.01
FULTON COGEN____ 23766	38.35 -0.25 -2.78	32.19 -0.28 -1.30	28.10 -0.25 -0.31	26.32 -0.27 0.12	26.98 -0.27 -0.03	29.33 -0.26 -0.59	35.27 -0.23 -2.26	38.01 -0.18 -1.78	41.49 -0.23 -3.08	49.20 -0.13 -4.53	61.08 -0.11 -6.50	69.50 0.12 -7.64	74.07 0.27 -5.22	81.44 0.22 -9.53	88.06 0.23 -10.88	152.56 -0.27 -15.87	157.22 -0.71 -15.50	141.43 -0.52 -11.91	125.18 -0.23 -9.43	101.72 0.18 -12.07	62.35 0.22 -7.35	64.98 0.00 -5.74	54.29 -0.31 -3.55	43.77 -0.37 -3.53
FULTON___LFGE 323630	40.84 5.01 0.00	35.47 4.30 0.00	31.77 3.73 0.00	30.21 3.50 0.00	30.84 3.62 0.00	33.09 4.09 0.00	37.93 4.69 0.00	41.36 4.95 0.00	43.90 5.25 0.00	51.48 6.68 0.00	62.67 7.98 0.00	71.86 10.12 0.00	80.24 11.66 0.00	83.61 11.90 0.00	94.62 13.62 -4.05	197.78 24.93 -35.89	197.51 26.21 -28.87	332.97 25.10 -177.84	382.98 23.32 -243.68	324.06 18.16 -216.44	235.13 11.12 -169.24	143.36 11.73 -72.40	60.39 9.34 0.00	47.27 6.66 0.00
G.F.CEMENT___DRP 24184	38.29 2.47 0.00	33.19 2.03 0.00	29.81 1.77 0.00	28.40 1.68 0.00	28.88 1.66 0.00	30.88 1.88 0.00	35.31 2.06 0.00	38.85 2.44 0.00	41.39 2.74 0.00	48.30 3.49 0.00	58.68 3.99 0.00	66.80 5.06 0.00	74.34 5.76 0.00	77.51 5.81 -0.01	91.27 6.70 -7.62	202.14 12.19 -52.99	200.05 12.53 -45.09	347.43 11.57 -205.82	404.15 11.02 -277.15	339.71 8.68 -241.57	247.45 5.42 -187.25	142.80 5.92 -77.64	55.85 4.80 0.00	44.02 3.41 0.00
GARDENVILLE___LBMP 24039	36.25 0.43 0.00	31.54 0.37 0.00	28.40 0.36 0.00	26.93 0.21 0.00	27.41 0.19 0.00	29.26 0.26 0.00	33.58 0.33 0.00	36.55 0.15 0.00	39.14 0.50 0.00	45.83 1.03 0.00	56.27 1.59 0.00	63.96 2.22 0.00	71.32 2.74 0.00	73.99 2.29 0.00	79.34 2.39 0.00	136.28 -0.68 0.00	140.72 -1.71 0.00	128.61 -1.43 0.00	115.87 -0.12 0.00	91.26 1.79 0.00	56.86 2.08 0.00	60.66 1.42 0.00	50.85 -0.20 0.00	41.05 0.45 0.00
GARDNVLA_35_KV_LD 355827	36.43 0.61 0.00	31.66 0.50 0.00	28.52 0.48 0.00	27.06 0.35 0.00	27.52 0.30 0.00	29.37 0.38 0.00	33.71 0.47 0.00	36.74 0.33 0.00	39.34 0.70 0.00	46.10 1.30 0.00	56.60 1.91 0.00	64.33 2.59 0.00	71.73 3.15 0.00	74.49 2.80 0.00	79.88 2.92 0.00	137.10 0.14 0.00	141.58 -0.85 0.00	129.26 -0.78 0.00	116.57 0.58 0.00	91.71 2.24 0.00	57.19 2.41 0.00	61.01 1.78 0.00	51.10 0.05 0.00	41.26 0.65 0.00
GELCKHM___115KV_LOAD 80723	36.60 -0.07 -0.85	31.40 -0.12 -0.36	27.99 -0.08 -0.04	26.47 -0.13 0.11	27.02 -0.14 0.06	29.01 -0.12 -0.13	33.89 -0.03 -0.68	37.03 0.00 -0.62	39.61 0.04 -0.93	46.61 0.18 -1.63	57.02 0.33 -2.00	64.97 0.62 -2.62	72.03 0.82 -2.62	77.20 0.79 -4.71	83.16 0.85 -5.36	144.72 0.68 -7.07	149.69 0.43 -6.83	135.92 0.39 -5.49	122.13 0.58 -5.57	94.61 0.81 -4.33	58.02 0.60 -2.64	61.71 0.41 -2.06	52.32 0.00 -1.27	41.79 -0.08 -1.27
GENERAL___MILLS 23808	36.32 0.50 0.00	31.60 0.44 0.00	28.46 0.42 0.00	27.01 0.29 0.00	27.46 0.24 0.00	29.31 0.32 0.00	33.64 0.40 0.00	36.66 0.25 0.00	39.26 0.62 0.00	45.97 1.16 0.00	56.44 1.75 0.00	64.14 2.41 0.00	71.60 3.02 0.00	74.28 2.58 0.00	79.65 2.69 0.00	136.69 -0.27 0.00	141.15 -1.28 0.00	129.00 -1.04 0.00	116.22 0.23 0.00	91.53 2.06 0.00	57.03 2.25 0.00	60.83 1.60 0.00	50.95 -0.10 0.00	41.18 0.57 0.00
GE_PLASTICS___DRP 24183	36.57 0.75 0.00	31.82 0.65 0.00	28.66 0.62 0.00	27.28 0.56 0.00	27.79 0.57 0.00	29.60 0.61 0.00	33.84 0.60 0.00	37.25 0.84 0.00	39.53 0.89 0.00	45.70 0.90 0.00	55.78 1.09 0.00	63.03 1.30 0.00	69.81 1.23 0.00	73.04 1.36 0.02	63.67 1.54 14.83	69.56 3.29 70.69	75.16 3.56 70.83	105.14 2.86 27.75	107.92 2.32 10.39	107.92 1.52 -16.93	85.06 0.77 -29.51	85.06 1.07 -24.76	52.43 1.38 0.00	41.66 1.06 0.00
GILBOA___1 23756	37.07 1.25 0.00	32.26 1.09 0.00	29.02 0.98 0.00	27.62 0.91 0.00	28.23 1.01 0.00	30.07 1.07 0.00	34.41 1.16 0.00	37.83 1.42 0.00	40.19 1.55 0.00	46.41 1.61 0.00	56.77 2.08 0.00	64.14 2.41 0.00	71.18 2.61 0.00	74.20 2.51 0.00	79.57 2.62 0.00	142.65 4.51 -1.17	147.92 4.69 -0.79	143.66 4.28 -9.34	132.79 3.71 -13.10	104.17 2.78 -11.92	65.76 1.64 -9.34	65.53 2.13 -4.17	53.09 2.04 0.00	42.23 1.63 0.00
GILBOA___2 23757	37.07 1.25 0.00	32.26 1.09 0.00	29.02 0.98 0.00	27.62 0.91 0.00	28.23 1.01 0.00	30.07 1.07 0.00	34.41 1.16 0.00	37.83 1.42 0.00	40.19 1.55 0.00	46.41 1.61 0.00	56.77 2.08 0.00	64.14 2.41 0.00	71.18 2.61 0.00	74.20 2.51 0.00	79.57 2.62 0.00	142.65 4.51 -1.17	147.92 4.69 -0.79	143.66 4.28 -9.34	132.79 3.71 -13.10	104.17 2.78 -11.92	65.76 1.64 -9.34	65.53 2.13 -4.17	53.09 2.04 0.00	42.23 1.63 0.00

GILBOA___3 23758	37.07 1.25 0.00	32.26 1.09 0.00	29.02 0.98 0.00	27.62 0.91 0.00	28.23 1.01 0.00	30.07 1.07 0.00	34.41 1.16 0.00	37.83 1.42 0.00	40.19 1.55 0.00	46.41 1.61 0.00	56.77 2.08 0.00	64.14 2.41 0.00	71.18 2.61 0.00	74.20 2.51 0.00	79.57 2.62 0.00	142.65 4.51 -1.17	147.92 4.69 -0.79	143.66 4.28 -9.34	132.79 3.71 -13.10	104.17 2.78 -11.92	65.76 1.64 -9.34	65.53 2.13 -4.17	53.09 2.04 0.00	42.23 1.63 0.00
GILBOA___4 23759	37.07 1.25 0.00	32.26 1.09 0.00	29.02 0.98 0.00	27.62 0.91 0.00	28.23 1.01 0.00	30.07 1.07 0.00	34.41 1.16 0.00	37.83 1.42 0.00	40.19 1.55 0.00	46.41 1.61 0.00	56.77 2.08 0.00	64.14 2.41 0.00	71.18 2.61 0.00	74.20 2.51 0.00	79.57 2.62 0.00	142.65 4.51 -1.17	147.92 4.69 -0.79	143.66 4.28 -9.34	132.79 3.71 -13.10	104.17 2.78 -11.92	65.76 1.64 -9.34	65.53 2.13 -4.17	53.09 2.04 0.00	42.23 1.63 0.00
GILBOA___ 23599	37.08 1.25 0.00	32.26 1.09 0.00	29.02 0.98 0.00	27.62 0.91 0.00	28.23 1.01 0.00	30.07 1.07 0.00	34.41 1.16 0.00	37.79 1.38 0.00	40.19 1.55 0.00	46.42 1.61 0.00	56.77 2.08 0.00	64.08 2.35 0.00	71.19 2.61 0.00	74.21 2.51 0.00	79.57 2.62 0.00	142.66 4.52 -1.17	147.93 4.70 -0.79	143.67 4.29 -9.34	132.80 3.71 -13.10	104.16 2.77 -11.92	65.82 1.70 -9.34	65.54 2.13 -4.17	53.09 2.04 0.00	42.23 1.62 0.00
GINNA___ 23603	34.67 -1.15 0.00	30.04 -1.12 0.00	27.09 -0.95 0.00	25.70 -1.02 0.00	26.26 -0.95 0.00	28.01 -0.99 0.00	32.15 -1.10 0.00	35.17 -1.24 0.00	37.48 -1.16 0.00	43.95 -0.85 0.00	53.76 -0.93 0.00	61.24 -0.50 0.00	68.51 -0.07 0.00	71.20 -0.50 0.00	76.42 -0.53 0.00	133.55 -3.42 0.00	138.16 -4.27 0.00	126.40 -3.64 0.00	113.09 -2.90 0.00	87.95 -1.52 0.00	54.45 -0.33 0.00	58.23 -1.01 0.00	49.16 -1.89 0.00	39.23 -1.38 0.00
GLEN PARK___ 23778	33.38 -1.11 1.33	28.94 -0.97 1.26	25.92 -0.92 1.20	24.74 -0.78 1.20	25.28 -0.73 1.21	27.10 -0.67 1.23	31.60 -0.47 1.18	36.60 -0.36 -0.56	36.28 -0.74 1.63	46.21 -0.67 -2.08	50.96 -0.93 2.80	62.49 -0.62 -1.37	25.91 -0.75 41.91	27.95 -0.72 43.03	30.04 -1.08 45.84	51.95 -2.20 82.82	53.40 -2.71 86.32	48.51 -1.82 79.71	43.80 -0.35 71.84	95.97 0.89 -5.60	59.18 0.99 -3.41	62.67 0.77 -2.67	52.49 -0.20 -1.65	41.72 -0.53 -1.64
GLENDALE_27_KV_LOAD 356172	39.52 3.69 -0.01	34.32 3.15 -0.01	30.82 2.78 -0.01	29.25 2.54 0.00	29.70 2.48 -0.01	31.66 2.67 0.00	36.24 2.99 0.00	40.31 3.90 0.00	42.93 4.29 0.00	48.92 4.12 0.00	59.77 5.09 0.00	67.17 5.43 0.00	74.33 5.76 0.01	78.22 6.52 0.01	84.54 6.85 -0.73	159.83 13.83 -9.03	165.14 14.53 -8.18	167.06 13.26 -23.76	158.35 11.60 -30.77	123.23 8.14 -25.62	71.77 4.11 -12.88	70.96 4.74 -6.98	55.94 4.90 0.01	44.83 4.22 0.00
GLENWOOD_IC_1_G5 23712	48.06 3.83 -8.40	46.61 3.30 -12.14	44.51 2.89 -13.59	40.14 2.67 -10.75	38.63 2.61 -8.79	39.57 2.84 -7.73	42.17 3.19 -5.74	45.65 4.08 -5.16	47.20 4.56 -3.99	49.01 4.21 0.00	59.94 5.25 0.00	67.78 6.05 0.00	75.51 6.93 0.00	79.37 7.67 0.00	187.25 8.16 -102.14	242.78 16.02 -89.79	295.42 17.09 -135.89	325.44 15.47 -179.93	248.74 13.45 -119.30	137.84 9.48 -38.89	76.80 5.09 -16.93	71.91 5.69 -6.99	56.41 5.36 0.00	51.43 4.35 -6.48
GLENWOOD_IC_2_G1 23688	47.95 3.73 -8.40	46.48 3.18 -12.14	44.43 2.80 -13.59	40.06 2.59 -10.75	38.54 2.53 -8.79	39.48 2.76 -7.73	42.07 3.09 -5.74	45.54 3.97 -5.16	47.04 4.40 -3.99	49.01 4.21 0.00	59.99 5.30 0.00	67.79 6.05 0.00	75.44 6.86 0.00	79.29 7.60 0.00	277.51 8.08 -192.48	314.43 15.74 -161.72	385.46 16.80 -226.23	378.23 15.21 -232.98	300.24 13.33 -170.92	149.57 9.39 -50.71	79.25 5.10 -19.38	71.91 5.69 -6.99	56.52 5.47 0.00	51.51 4.43 -6.48
GLENWOOD_IC_3_G1 23689	47.95 3.73 -8.40	46.48 3.18 -12.14	44.43 2.80 -13.59	40.06 2.59 -10.75	38.54 2.53 -8.79	39.48 2.76 -7.73	42.07 3.09 -5.74	45.54 3.97 -5.16	47.04 4.40 -3.99	49.01 4.21 0.00	59.99 5.30 0.00	67.79 6.05 0.00	75.44 6.86 0.00	79.29 7.60 0.00	277.51 8.08 -192.48	314.43 15.74 -161.72	385.46 16.80 -226.23	378.23 15.21 -232.98	300.24 13.33 -170.92	149.57 9.39 -50.71	79.25 5.10 -19.38	71.91 5.69 -6.99	56.52 5.47 0.00	51.51 4.43 -6.48
GLENWOOD___4 23550	48.06 3.83 -8.40	46.61 3.30 -12.14	44.51 2.89 -13.59	40.14 2.67 -10.75	38.63 2.61 -8.79	39.57 2.84 -7.73	42.17 3.19 -5.74	45.65 4.08 -5.16	47.20 4.56 -3.99	49.15 4.35 0.00	60.10 5.41 0.00	67.91 6.17 0.00	75.64 7.06 0.00	79.58 7.89 0.00	187.41 8.31 -102.14	243.19 16.44 -89.79	295.70 17.38 -135.89	325.83 15.86 -179.93	249.09 13.80 -119.30	138.11 9.75 -38.89	76.91 5.20 -16.93	72.03 5.80 -6.99	56.56 5.51 0.00	51.55 4.47 -6.48
GLENWOOD___5 23614	48.06 3.83 -8.40	46.61 3.30 -12.14	44.51 2.89 -13.59	40.14 2.67 -10.75	38.63 2.61 -8.79	39.57 2.84 -7.73	42.17 3.19 -5.74	45.65 4.08 -5.16	47.20 4.56 -3.99	49.15 4.35 0.00	60.10 5.41 0.00	67.91 6.17 0.00	75.64 7.06 0.00	79.58 7.89 0.00	187.41 8.31 -102.14	243.19 16.44 -89.79	295.70 17.38 -135.89	325.83 15.86 -179.93	249.09 13.80 -119.30	138.11 9.75 -38.89	76.91 5.20 -16.93	72.03 5.80 -6.99	56.56 5.51 0.00	51.55 4.47 -6.48
GLOBAL GREEN_PORT_GT1 23814	49.89 5.66 -8.41	48.16 4.86 -12.14	45.86 4.23 -13.59	41.42 3.95 -10.75	39.85 3.84 -8.79	40.90 4.18 -7.73	43.73 4.75 -5.74	47.58 6.01 -5.16	49.48 6.84 -3.99	51.94 7.12 -0.01	72.24 9.13 -8.42	139.19 10.49 -66.97	149.52 12.00 -68.94	250.44 12.76 -165.98	232.98 11.15 -144.87	250.23 21.78 -91.48	285.31 22.78 -120.09	282.74 20.80 -131.90	263.49 18.32 -129.19	315.83 12.62 -213.74	344.03 7.01 -282.24	235.88 9.30 -167.35	67.00 7.96 -7.99	54.91 6.33 -7.97
GLOBE___DSASP 323697	34.93 -0.90 0.00	30.42 -0.75 0.00	27.42 -0.62 0.00	25.99 -0.72 0.00	26.46 -0.76 0.00	28.21 -0.78 0.00	32.31 -0.93 0.00	34.88 -1.53 0.00	37.41 -1.24 0.00	43.77 -1.03 0.00	53.76 -0.93 0.00	61.05 -0.68 0.00	67.96 -0.62 0.00	70.33 -1.36 0.00	75.34 -1.62 0.00	129.16 -7.81 0.00	133.18 -9.26 0.00	121.58 -8.45 0.00	109.95 -6.03 0.00	86.79 -2.68 0.00	54.18 -0.60 0.00	57.93 -1.30 0.00	48.55 -2.50 0.00	39.43 -1.18 0.00
GOETHSLN___LBMP 323567	39.01 3.19 0.00	33.88 2.71 0.00	30.42 2.38 0.00	28.85 2.14 0.00	29.29 2.07 0.00	31.23 2.23 0.00	35.77 2.53 0.00	39.80 3.39 0.00	42.43 3.79 0.00	45.05 3.63 3.38	46.75 4.54 12.48	66.61 4.88 0.00	72.03 5.21 1.76	76.17 5.95 1.47	75.92 6.16 7.19	135.00 12.60 14.57	140.41 13.25 15.27	140.84 12.09 1.29	133.58 10.44 -7.16	98.73 7.25 -2.01	60.40 3.62 -2.00	55.53 4.21 7.91	47.68 4.34 7.71	44.34 3.74 0.00
GOLAH___69_KV_TB 1_2 80279	36.18 0.36 0.00	31.38 0.22 0.00	28.29 0.25 0.00	26.85 0.13 0.00	27.41 0.19 0.00	29.23 0.23 0.00	33.61 0.37 0.00	36.63 0.22 0.00	39.07 0.43 0.00	45.70 0.90 0.00	56.00 1.31 0.00	63.46 1.73 0.00	70.77 2.19 0.00	73.49 1.79 0.00	78.80 1.85 0.00	136.83 -0.14 0.00	141.72 -0.71 0.00	129.39 -0.65 0.00	116.33 0.35 0.00	91.17 1.70 0.00	56.42 1.64 0.00	60.60 1.36 0.00	51.10 0.05 0.00	41.05 0.45 0.00

GOODYEAR_LAKE_HYD 323669	37.76 1.93 0.00	32.88 1.71 0.00	29.50 1.46 0.00	28.05 1.34 0.00	28.63 1.42 0.00	30.59 1.59 0.00	35.14 1.89 0.00	38.63 2.22 0.00	40.96 2.32 0.00	47.54 2.73 0.00	58.13 3.45 0.00	65.99 4.26 0.00	73.38 4.80 0.00	76.64 4.95 0.00	83.41 5.31 -1.14	157.40 9.31 -11.13	160.79 9.40 -8.96	193.83 8.84 -54.95	199.61 8.35 -75.27	163.03 6.71 -66.85	110.83 4.11 -51.94	85.86 4.32 -22.30	54.47 3.42 0.00	43.21 2.60 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.36 0.90 -0.64	32.26 0.78 -0.32	28.84 0.70 -0.10	27.31 0.59 -0.01	27.86 0.60 -0.04	29.86 0.70 -0.16	34.63 0.86 -0.52	37.84 1.06 -0.37	40.52 1.16 -0.72	47.25 1.52 -0.93	58.15 1.97 -1.49	65.89 2.53 -1.62	73.39 2.95 -1.86	77.32 2.94 -2.68	83.16 3.16 -3.05	146.74 4.11 -5.67	151.98 4.13 -5.42	144.10 3.77 -10.29	131.70 3.71 -12.00	103.46 3.49 -10.50	65.05 2.47 -7.80	65.47 2.25 -3.99	53.20 1.43 -0.72	42.51 1.18 -0.72
GOUDEY___7 23579	37.39 0.93 -0.64	32.29 0.81 -0.32	28.87 0.73 -0.10	27.34 0.61 -0.01	27.89 0.63 -0.04	29.88 0.72 -0.16	34.67 0.90 -0.52	37.87 1.09 -0.37	40.60 1.24 -0.72	47.30 1.57 -0.93	58.26 2.08 -1.49	65.95 2.59 -1.62	73.53 3.09 -1.86	77.46 3.08 -2.68	83.31 3.31 -3.05	147.02 4.38 -5.67	152.13 4.27 -5.42	144.36 4.03 -10.29	131.81 3.83 -12.00	103.64 3.67 -10.50	65.10 2.52 -7.80	65.59 2.37 -3.99	53.31 1.53 -0.72	42.55 1.22 -0.72
GOUDEY___8 23580	37.36 0.90 -0.64	32.26 0.78 -0.32	28.84 0.70 -0.10	27.31 0.59 -0.01	27.86 0.60 -0.04	29.86 0.70 -0.16	34.63 0.86 -0.52	37.84 1.06 -0.37	40.52 1.16 -0.72	47.25 1.52 -0.93	58.15 1.97 -1.49	65.89 2.53 -1.62	73.39 2.95 -1.86	77.32 2.94 -2.68	83.16 3.16 -3.05	146.74 4.11 -5.67	151.98 4.13 -5.42	144.10 3.77 -10.29	131.70 3.71 -12.00	103.46 3.49 -10.50	65.05 2.47 -7.80	65.47 2.25 -3.99	53.20 1.43 -0.72	42.51 1.18 -0.72
GOWANUS_GT1_1 24077	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.41 12.61 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT1_2 24078	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.41 12.61 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT1_3 24079	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.41 12.61 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT1_4 24080	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.41 12.61 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT1_5 24084	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.41 12.61 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT1_6 24111	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.41 12.61 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT1_7 24112	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.41 12.61 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT1_8 24113	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.41 12.61 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT2_1 24114	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT2_2 24115	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT2_3 24116	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00

GOWANUS_GT2_4 24117	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT2_5 24118	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT2_6 24119	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT2_7 24120	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT2_8 24121	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT3_1 24122	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT3_2 24123	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT3_3 24124	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT3_4 24125	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT3_5 24126	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT3_6 24127	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT3_7 24128	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT3_8 24129	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT4_1 24130	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.28 12.48 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT4_2 24131	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.28 12.48 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00

GOWANUS_GT4_3 24132	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.28 12.48 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT4_4 24133	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.28 12.48 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT4_5 24134	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.28 12.48 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT4_6 24135	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.28 12.48 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT4_7 24136	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.28 12.48 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GOWANUS_GT4_8 24137	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.28 12.48 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GREENBSH_115KV_TB3 55895	36.68 0.86 0.00	31.91 0.75 0.00	28.74 0.70 0.00	27.38 0.67 0.00	27.87 0.65 0.00	29.72 0.72 0.00	33.91 0.66 0.00	37.36 0.95 0.00	39.65 1.00 0.00	45.83 1.03 0.00	55.95 1.26 0.00	63.21 1.48 0.00	70.16 1.58 0.00	73.38 1.72 0.03	52.99 2.00 25.97	14.63 4.11 126.44	21.50 4.42 125.35	52.91 3.77 80.90	54.92 3.02 64.08	78.95 2.15 12.67	73.20 1.10 -17.32	88.61 1.36 -28.02	52.58 1.53 0.00	41.83 1.22 0.00
GREENIDGE_115KV_TB5 80291	37.14 0.79 -0.53	32.14 0.72 -0.26	28.80 0.67 -0.08	27.25 0.53 -0.01	27.80 0.54 -0.03	29.83 0.70 -0.13	34.54 0.86 -0.43	37.70 0.98 -0.31	40.35 1.12 -0.59	47.18 1.61 -0.76	57.99 2.08 -1.23	65.85 2.78 -1.33	73.61 3.50 -1.53	77.27 3.37 -2.21	82.70 3.23 -2.51	142.07 1.10 -4.01	147.17 0.71 -4.02	135.53 2.21 -3.28	122.30 3.71 -2.60	95.43 3.94 -2.03	59.19 3.18 -1.24	62.87 2.67 -0.97	52.92 1.28 -0.60	42.14 0.93 -0.59
GREENIDGE___3 23582	37.14 0.79 -0.53	32.14 0.72 -0.26	28.80 0.67 -0.08	27.25 0.53 -0.01	27.80 0.54 -0.03	29.83 0.70 -0.13	34.54 0.86 -0.43	37.70 0.98 -0.31	40.35 1.12 -0.59	47.18 1.61 -0.76	57.99 2.08 -1.23	65.85 2.78 -1.33	73.61 3.50 -1.53	77.27 3.37 -2.21	82.70 3.23 -2.51	142.07 1.10 -4.01	147.17 0.71 -4.02	135.53 2.21 -3.28	122.30 3.71 -2.60	95.43 3.94 -2.03	59.19 3.18 -1.24	62.87 2.67 -0.97	52.92 1.28 -0.60	42.14 0.93 -0.59
GREENIDGE___4 23583	37.14 0.79 -0.53	32.14 0.72 -0.26	28.80 0.67 -0.08	27.25 0.53 -0.01	27.80 0.54 -0.03	29.82 0.69 -0.13	34.54 0.86 -0.43	37.66 0.95 -0.31	40.35 1.12 -0.59	47.22 1.66 -0.76	57.99 2.08 -1.23	65.85 2.78 -1.33	73.74 3.63 -1.53	77.41 3.51 -2.21	82.77 3.31 -2.51	142.21 1.23 -4.01	147.46 1.00 -4.02	135.66 2.34 -3.28	122.30 3.71 -2.60	95.34 3.84 -2.03	59.14 3.12 -1.24	62.87 2.67 -0.97	52.92 1.28 -0.60	42.14 0.93 -0.59
GREENLWN_69_KV_BK 3 55738	47.37 3.15 -8.40	46.05 2.74 -12.14	44.12 2.50 -13.59	39.74 2.27 -10.75	38.25 2.23 -8.79	39.16 2.44 -7.73	41.71 2.73 -5.74	45.14 3.57 -5.16	46.50 3.86 -3.99	48.47 3.67 0.00	57.32 4.48 1.85	52.23 5.19 14.69	59.42 5.97 15.12	42.03 6.74 36.41	67.53 7.08 16.50	153.75 14.38 -2.40	187.90 15.38 -30.08	270.36 14.04 -126.28	182.86 12.18 -54.69	84.11 8.41 13.77	18.49 4.44 40.73	35.96 4.92 28.19	53.99 4.70 1.76	50.74 3.98 -6.15
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.41 12.61 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
GRISSOM___SOLAR 323813	40.84 5.01 0.00	35.47 4.30 0.00	31.77 3.73 0.00	30.21 3.50 0.00	30.84 3.62 0.00	33.09 4.09 0.00	37.93 4.69 0.00	41.36 4.95 0.00	43.90 5.25 0.00	51.48 6.68 0.00	62.67 7.98 0.00	71.86 10.12 0.00	80.24 11.66 0.00	83.61 11.90 0.00	94.62 13.62 -4.05	197.78 24.93 -35.89	197.51 26.21 -28.87	332.97 25.10 -177.84	382.98 23.32 -243.68	324.06 18.16 -216.44	235.13 11.12 -169.24	143.36 11.73 -72.40	60.39 9.34 0.00	47.27 6.66 0.00
GROVEVILLE___HYD 323602	38.83 3.01 0.00	33.78 2.62 0.00	30.31 2.27 0.00	28.80 2.08 0.00	29.31 2.10 0.00	31.29 2.29 0.00	35.77 2.53 0.00	39.61 3.20 0.00	42.47 3.83 0.00	48.92 4.12 0.00	59.99 5.30 0.00	67.66 5.93 0.00	75.23 6.65 0.00	79.01 7.31 0.00	84.57 7.62 0.00	159.02 14.93 -7.12	163.41 14.67 -6.31	165.68 13.65 -21.99	156.81 11.83 -28.99	122.73 8.59 -24.68	74.93 4.55 -15.61	71.18 4.98 -6.97	55.80 4.75 0.00	44.34 3.74 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.51 0.21 -1.48	31.97 0.12 -0.68	28.32 0.14 -0.14	26.67 0.05 0.09	27.29 0.08 0.01	29.41 0.12 -0.29	34.68 0.23 -1.20	37.71 0.33 -0.98	40.63 0.35 -1.64	47.89 0.58 -2.50	58.97 0.82 -3.47	67.08 1.17 -4.18	74.46 1.44 -4.44	80.38 1.43 -7.25	86.82 1.62 -8.25	150.70 1.92 -11.82	155.75 1.71 -11.61	141.00 1.56 -9.40	126.18 1.62 -8.57	97.75 1.61 -6.67	59.94 1.10 -4.07	63.36 0.95 -3.18	53.47 0.46 -1.96	42.80 0.24 -1.95

HAMLTNNY_34_KV_TB 80303	37.73 0.36 -1.55	32.14 0.25 -0.72	28.43 0.22 -0.17	26.79 0.16 0.08	27.42 0.19 -0.01	29.55 0.23 -0.32	34.87 0.37 -1.26	37.89 0.47 -1.01	40.90 0.54 -1.72	48.17 0.81 -2.57	59.41 1.09 -3.63	67.59 1.54 -4.31	75.13 1.92 -4.63	80.99 1.86 -7.43	87.49 2.08 -8.46	151.87 2.60 -12.30	156.83 2.28 -12.12	142.07 2.21 -9.83	126.97 2.20 -8.78	98.45 2.15 -6.84	60.43 1.48 -4.17	63.79 1.30 -3.25	53.72 0.66 -2.01	43.01 0.41 -2.00
HAMPSHIRE___PAPER_HYD 323593	26.80 -2.26 6.76	24.30 -1.93 4.94	22.63 -1.74 3.68	22.02 -1.50 3.20	22.33 -1.50 3.39	23.35 -1.57 4.08	25.87 -1.60 5.78	34.24 -1.75 0.42	28.63 -2.09 7.93	43.34 -2.24 -0.77	36.74 -3.01 14.94	53.64 -3.46 4.64	8.55 -4.05 55.99	15.76 -4.08 51.85	21.01 -4.47 51.48	13.39 -7.67 115.91	10.93 -7.97 123.53	11.22 -7.02 111.79	31.83 -5.80 78.36	87.66 -4.02 -2.22	53.99 -2.14 -1.35	57.86 -2.43 -1.06	49.25 -2.45 -0.65	39.14 -2.11 -0.65
HARDSCRABBLE_WT_PWR 323673	36.17 0.57 0.23	31.50 0.50 0.16	28.34 0.42 0.12	26.99 0.37 0.10	27.52 0.41 0.11	29.33 0.46 0.13	33.61 0.56 0.19	37.11 0.73 0.02	39.11 0.73 0.27	45.70 0.90 0.00	55.44 1.26 0.51	63.02 1.48 0.19	74.27 1.72 -3.98	78.66 1.86 -5.10	84.86 1.92 -5.98	148.26 3.56 -7.74	153.65 3.56 -7.65	140.53 3.38 -7.12	127.95 3.01 -8.95	91.79 2.32 0.00	56.20 1.42 0.00	60.72 1.48 0.00	52.27 1.22 0.00	41.54 0.93 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.58 2.76 0.00	33.60 2.43 0.00	30.14 2.10 0.00	28.64 1.92 0.00	29.12 1.91 0.00	31.08 2.09 0.00	35.54 2.29 0.00	39.36 2.95 0.00	41.97 3.32 0.00	48.34 3.54 0.00	59.17 4.48 0.00	66.80 5.06 0.00	74.20 5.62 0.00	77.94 6.24 0.00	83.50 6.54 0.00	157.41 12.87 -7.57	162.92 13.67 -6.81	163.57 12.61 -20.92	154.01 10.79 -27.24	120.10 7.78 -22.85	72.57 4.11 -13.68	69.79 4.44 -6.11	55.34 4.29 0.00	44.02 3.41 0.00
HARSNRAD_115KV_TB1 81005	35.54 -0.29 0.00	30.95 -0.22 0.00	27.87 -0.17 0.00	26.45 -0.27 0.00	26.92 -0.30 0.00	28.73 -0.26 0.00	32.91 -0.33 0.00	35.68 -0.73 0.00	38.22 -0.43 0.00	44.71 -0.09 0.00	54.85 0.16 0.00	62.23 0.49 0.00	69.33 0.75 0.00	71.77 0.07 0.00	76.95 0.00 0.00	131.90 -5.07 0.00	136.17 -6.27 0.00	124.31 -5.72 0.00	112.27 -3.71 0.00	88.57 -0.89 0.00	55.33 0.55 0.00	59.18 -0.06 0.00	49.57 -1.48 0.00	40.20 -0.41 0.00
HARZA MOOSE___RIVER 24016	34.13 -0.14 1.55	29.83 -0.12 1.21	26.96 -0.11 0.97	25.86 0.03 0.89	26.41 0.11 0.92	28.12 0.17 1.05	32.27 0.37 1.34	37.03 0.55 -0.07	37.23 0.43 1.84	46.12 0.63 -0.69	52.01 0.71 3.39	62.14 0.86 0.46	103.93 0.41 -34.94	119.29 0.57 -47.02	130.57 0.54 -53.08	206.99 1.23 -68.79	211.52 1.14 -67.95	194.15 1.30 -62.82	195.92 1.51 -78.43	92.87 1.52 -1.88	57.51 1.59 -1.14	61.79 1.66 -0.89	52.57 0.97 -0.55	41.73 0.57 -0.55
HDSNBRDG_115KV_BRDG_TB1 355580	36.44 -0.04 -0.65	31.34 -0.09 -0.26	27.99 -0.06 0.00	26.49 -0.11 0.12	27.04 -0.11 0.07	28.98 -0.09 -0.08	33.77 0.00 -0.53	36.96 0.04 -0.52	39.44 0.08 -0.72	46.38 0.22 -1.36	56.68 0.44 -1.55	64.55 0.68 -2.14	71.61 0.96 -2.07	76.49 0.86 -3.93	82.43 1.00 -4.48	143.54 0.96 -5.62	148.38 0.57 -5.37	134.85 0.52 -4.30	121.33 0.70 -4.65	93.98 0.89 -3.62	57.64 0.66 -2.20	61.43 0.47 -1.72	52.16 0.05 -1.06	41.63 -0.04 -1.06
HELLGATE_13_KV_LD 55870	39.30 3.47 -0.01	34.16 2.99 -0.01	30.66 2.61 -0.01	29.12 2.40 0.00	29.57 2.34 -0.01	31.49 2.49 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.62 3.98 0.00	48.52 3.72 0.00	59.22 4.54 0.01	66.54 4.82 0.01	73.72 5.14 0.01	77.50 5.81 0.01	83.77 6.08 -0.73	158.46 12.46 -9.03	163.57 12.96 -8.18	165.63 11.83 -23.76	157.18 10.44 -30.76	122.33 7.25 -25.62	72.82 3.62 -14.42	70.42 4.21 -6.98	55.48 4.44 0.01	44.51 3.90 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.30 3.47 -0.01	34.16 2.99 -0.01	30.66 2.61 -0.01	29.12 2.40 0.00	29.57 2.34 -0.01	31.49 2.49 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.62 3.98 0.00	48.52 3.72 0.00	59.22 4.54 0.01	66.54 4.82 0.01	73.72 5.14 0.01	77.50 5.81 0.01	83.77 6.08 -0.73	158.46 12.46 -9.03	163.57 12.96 -8.18	165.63 11.83 -23.76	157.18 10.44 -30.76	122.33 7.25 -25.62	72.82 3.62 -14.42	70.42 4.21 -6.98	55.48 4.44 0.01	44.51 3.90 0.00
HEMPSTEAD____ 23647	47.81 3.58 -8.40	46.39 3.09 -12.14	44.34 2.72 -13.59	39.98 2.51 -10.75	38.49 2.48 -8.79	39.39 2.67 -7.73	41.97 2.99 -5.74	45.43 3.86 -5.16	46.93 4.29 -3.99	48.84 4.03 0.00	59.72 5.03 0.00	67.53 5.80 0.00	75.16 6.58 0.00	79.01 7.32 0.00	146.32 7.77 -61.60	209.81 15.34 -57.51	254.30 16.51 -95.35	301.10 14.95 -156.12	225.23 13.10 -96.14	132.08 9.03 -33.58	79.03 4.87 -19.38	71.73 5.51 -6.99	56.36 5.31 0.00	51.39 4.30 -6.48
HEWLETT_69_KV_BK3 55828	48.27 4.05 -8.40	46.76 3.46 -12.14	44.65 3.03 -13.59	40.25 2.78 -10.75	38.76 2.75 -8.79	39.68 2.96 -7.73	42.24 3.26 -5.74	45.68 4.11 -5.16	47.23 4.60 -3.99	49.46 4.66 0.00	60.27 5.58 0.00	68.09 6.36 0.00	75.44 6.86 0.00	79.23 7.53 0.00	120.56 8.00 -35.61	189.66 15.89 -36.81	228.74 16.95 -69.36	286.49 15.60 -140.85	210.84 13.57 -81.28	129.13 9.48 -30.18	76.86 5.15 -16.93	72.38 6.16 -6.99	56.92 5.87 0.00	52.04 4.95 -6.48
HICKLING___1 23621	37.50 1.15 -0.53	32.42 1.00 -0.26	29.05 0.93 -0.08	27.50 0.77 -0.01	28.01 0.76 -0.03	30.00 0.87 -0.13	34.84 1.16 -0.43	38.06 1.35 -0.31	40.78 1.55 -0.59	47.76 2.20 -0.76	58.76 2.84 -1.23	66.65 3.58 -1.33	74.50 4.39 -1.53	78.20 4.30 -2.21	84.08 4.62 -2.51	146.76 5.20 -4.59	151.83 4.99 -4.41	142.73 4.81 -7.88	129.90 4.87 -9.05	102.37 5.01 -7.89	64.28 3.67 -5.83	65.45 3.20 -3.02	53.43 1.79 -0.60	42.66 1.46 -0.59
HICKLING___2 23622	37.50 1.15 -0.53	32.42 1.00 -0.26	29.05 0.93 -0.08	27.50 0.77 -0.01	28.01 0.76 -0.03	30.00 0.87 -0.13	34.84 1.16 -0.43	38.06 1.35 -0.31	40.78 1.55 -0.59	47.76 2.20 -0.76	58.76 2.84 -1.23	66.65 3.58 -1.33	74.50 4.39 -1.53	78.20 4.30 -2.21	84.08 4.62 -2.51	146.76 5.20 -4.59	151.83 4.99 -4.41	142.73 4.81 -7.88	129.90 4.87 -9.05	102.37 5.01 -7.89	64.28 3.67 -5.83	65.45 3.20 -3.02	53.43 1.79 -0.60	42.66 1.46 -0.59
HIGH FALLS___HY 23754	38.69 2.87 0.00	33.69 2.52 0.00	30.20 2.16 0.00	28.67 1.95 0.00	29.18 1.96 0.00	31.14 2.15 0.00	35.60 2.36 0.00	39.43 3.02 0.00	42.08 3.44 0.00	48.34 3.54 0.00	59.23 4.54 0.00	66.73 5.00 0.00	74.41 5.83 0.00	78.15 6.45 0.00	81.34 6.70 2.31	142.97 13.29 7.28	148.81 14.24 7.87	153.95 13.52 -10.39	146.03 11.83 -18.22	118.10 8.68 -19.95	75.85 4.49 -16.58	73.23 4.80 -9.20	55.59 4.54 0.00	44.18 3.57 0.00
HIGH_RIVER___SOLAR 323847	37.86 2.04 0.00	32.94 1.78 0.00	29.61 1.57 0.00	28.18 1.47 0.00	28.71 1.50 0.00	30.68 1.68 0.00	35.07 1.83 0.00	38.45 2.04 0.00	40.81 2.16 0.00	47.31 2.51 0.00	57.75 3.06 0.00	65.56 3.83 0.00	72.90 4.32 0.00	76.22 4.52 0.00	86.43 5.00 -4.47	185.82 9.32 -39.54	183.78 9.54 -31.80	335.09 9.10 -195.95	393.07 8.58 -268.50	334.75 6.80 -238.49	245.42 4.11 -186.53	143.52 4.50 -79.78	54.83 3.78 0.00	43.37 2.76 0.00

HILLBURN___GT 23639	38.58 2.76 0.00	33.63 2.46 0.00	30.20 2.16 0.00	28.69 1.98 0.00	29.15 1.93 0.00	31.08 2.09 0.00	35.54 2.29 0.00	39.47 3.06 0.00	42.04 3.40 0.00	48.30 3.50 0.00	59.17 4.49 0.00	66.73 5.00 0.00	74.07 5.49 0.00	77.79 6.09 0.00	83.34 6.38 0.00	157.59 12.74 -7.89	162.93 13.38 -7.11	163.78 12.22 -21.52	154.41 10.44 -27.98	120.32 7.42 -23.43	72.66 3.95 -13.93	69.84 4.38 -6.22	55.29 4.23 0.00	44.06 3.45 0.00
HILLSIDE_115KV_TB1 80332	36.98 0.61 -0.55	32.00 0.56 -0.27	28.66 0.53 -0.09	27.12 0.40 -0.01	27.63 0.38 -0.04	29.57 0.43 -0.14	34.29 0.60 -0.45	37.49 0.76 -0.32	40.22 0.97 -0.61	47.02 1.43 -0.79	57.93 1.97 -1.27	65.71 2.59 -1.38	73.32 3.15 -1.58	76.99 3.01 -2.28	82.78 3.23 -2.60	144.59 2.88 -4.75	149.70 2.71 -4.56	140.79 2.60 -8.16	128.14 2.78 -9.37	100.95 3.31 -8.17	63.39 2.57 -6.04	64.49 2.13 -3.13	52.64 0.97 -0.62	42.07 0.85 -0.61
HISHELDN_WT_PWR 323625	36.14 0.32 0.00	31.41 0.25 0.00	28.32 0.28 0.00	26.88 0.16 0.00	27.33 0.11 0.00	29.17 0.18 0.00	33.51 0.26 0.00	36.45 0.04 0.00	39.03 0.39 0.00	45.75 0.94 0.00	55.95 1.26 0.00	63.52 1.79 0.00	71.18 2.61 0.00	73.78 2.08 0.00	79.19 2.23 0.00	136.42 -0.55 0.00	141.15 -1.28 0.00	129.13 -0.90 0.00	115.99 0.00 0.00	91.08 1.61 0.00	56.75 1.97 0.00	60.65 1.42 0.00	50.90 -0.15 0.00	40.97 0.36 0.00
HOLTSVILLE_IC_1 23690	48.21 3.98 -8.41	46.79 3.49 -12.14	44.71 3.08 -13.59	40.30 2.83 -10.75	38.82 2.80 -8.79	39.77 3.04 -7.73	42.47 3.49 -5.74	46.01 4.44 -5.16	47.54 4.91 -3.99	49.34 4.52 -0.01	68.35 5.42 -8.25	133.44 6.11 -65.59	143.03 6.92 -67.53	241.95 7.68 -162.58	226.99 8.08 -141.96	242.67 15.88 -89.83	277.47 16.66 -118.38	276.93 15.21 -131.69	257.14 13.33 -127.82	308.84 9.48 -209.89	336.89 5.26 -276.85	229.10 5.81 -164.06	64.44 5.57 -7.83	53.14 4.59 -7.94
HOLTSVILLE_IC_10 23699	48.50 4.26 -8.41	47.01 3.71 -12.14	44.88 3.25 -13.59	40.46 2.99 -10.75	38.95 2.94 -8.79	39.94 3.22 -7.73	42.67 3.69 -5.74	46.23 4.66 -5.16	47.82 5.18 -3.99	49.74 4.93 -0.01	69.49 5.91 -8.90	139.20 6.73 -70.74	149.02 7.61 -72.83	255.48 8.46 -175.33	238.88 8.92 -153.00	250.36 17.26 -96.14	285.31 17.95 -124.93	278.85 16.25 -132.56	263.26 14.26 -133.02	324.10 10.28 -224.34	357.69 5.86 -297.05	242.02 6.40 -176.38	65.51 6.02 -8.44	53.62 4.95 -8.06
HOLTSVILLE_IC_2 23691	48.21 3.98 -8.41	46.79 3.49 -12.14	44.71 3.08 -13.59	40.30 2.83 -10.75	38.82 2.80 -8.79	39.77 3.04 -7.73	42.47 3.49 -5.74	46.01 4.44 -5.16	47.54 4.91 -3.99	49.34 4.52 -0.01	68.35 5.42 -8.25	133.44 6.11 -65.59	143.03 6.92 -67.53	241.95 7.68 -162.58	226.99 8.08 -141.96	242.67 15.88 -89.83	277.47 16.66 -118.38	276.93 15.21 -131.69	257.14 13.33 -127.82	308.84 9.48 -209.89	336.89 5.26 -276.85	229.10 5.81 -164.06	64.44 5.57 -7.83	53.14 4.59 -7.94
HOLTSVILLE_IC_3 23692	48.21 3.98 -8.41	46.79 3.49 -12.14	44.71 3.08 -13.59	40.30 2.83 -10.75	38.82 2.80 -8.79	39.77 3.04 -7.73	42.47 3.49 -5.74	46.01 4.44 -5.16	47.54 4.91 -3.99	49.34 4.52 -0.01	68.35 5.42 -8.25	133.44 6.11 -65.59	143.03 6.92 -67.53	241.95 7.68 -162.58	226.99 8.08 -141.96	242.67 15.88 -89.83	277.47 16.66 -118.38	276.93 15.21 -131.69	257.14 13.33 -127.82	308.84 9.48 -209.89	336.89 5.26 -276.85	229.10 5.81 -164.06	64.44 5.57 -7.83	53.14 4.59 -7.94
HOLTSVILLE_IC_4 23693	48.21 3.98 -8.41	46.79 3.49 -12.14	44.71 3.08 -13.59	40.30 2.83 -10.75	38.82 2.80 -8.79	39.77 3.04 -7.73	42.47 3.49 -5.74	46.01 4.44 -5.16	47.54 4.91 -3.99	49.34 4.52 -0.01	68.35 5.42 -8.25	133.44 6.11 -65.59	143.03 6.92 -67.53	241.95 7.68 -162.58	226.99 8.08 -141.96	242.67 15.88 -89.83	277.47 16.66 -118.38	276.93 15.21 -131.69	257.14 13.33 -127.82	308.84 9.48 -209.89	336.89 5.26 -276.85	229.10 5.81 -164.06	64.44 5.57 -7.83	53.14 4.59 -7.94
HOLTSVILLE_IC_5 23694	48.21 3.98 -8.41	46.79 3.49 -12.14	44.71 3.08 -13.59	40.30 2.83 -10.75	38.82 2.80 -8.79	39.77 3.04 -7.73	42.47 3.49 -5.74	46.01 4.44 -5.16	47.54 4.91 -3.99	49.34 4.52 -0.01	68.35 5.42 -8.25	133.44 6.11 -65.59	143.03 6.92 -67.53	241.95 7.68 -162.58	226.99 8.08 -141.96	242.67 15.88 -89.83	277.47 16.66 -118.38	276.93 15.21 -131.69	257.14 13.33 -127.82	308.84 9.48 -209.89	336.89 5.26 -276.85	229.10 5.81 -164.06	64.44 5.57 -7.83	53.14 4.59 -7.94
HOLTSVILLE_IC_6 23695	48.50 4.26 -8.41	47.01 3.71 -12.14	44.88 3.25 -13.59	40.46 2.99 -10.75	38.95 2.94 -8.79	39.94 3.22 -7.73	42.67 3.69 -5.74	46.23 4.66 -5.16	47.82 5.18 -3.99	49.74 4.93 -0.01	69.49 5.91 -8.90	139.20 6.73 -70.74	149.02 7.61 -72.83	255.48 8.46 -175.33	238.88 8.92 -153.00	250.36 17.26 -96.14	285.31 17.95 -124.93	278.85 16.25 -132.56	263.26 14.26 -133.02	324.10 10.28 -224.34	357.69 5.86 -297.05	242.02 6.40 -176.38	65.51 6.02 -8.44	53.62 4.95 -8.06
HOLTSVILLE_IC_7 23696	48.50 4.26 -8.41	47.01 3.71 -12.14	44.88 3.25 -13.59	40.46 2.99 -10.75	38.95 2.94 -8.79	39.94 3.22 -7.73	42.67 3.69 -5.74	46.23 4.66 -5.16	47.82 5.18 -3.99	49.74 4.93 -0.01	69.49 5.91 -8.90	139.20 6.73 -70.74	149.02 7.61 -72.83	255.48 8.46 -175.33	238.88 8.92 -153.00	250.36 17.26 -96.14	285.31 17.95 -124.93	278.85 16.25 -132.56	263.26 14.26 -133.02	324.10 10.28 -224.34	357.69 5.86 -297.05	242.02 6.40 -176.38	65.51 6.02 -8.44	53.62 4.95 -8.06
HOLTSVILLE_IC_8 23697	48.50 4.26 -8.41	47.01 3.71 -12.14	44.88 3.25 -13.59	40.46 2.99 -10.75	38.95 2.94 -8.79	39.94 3.22 -7.73	42.67 3.69 -5.74	46.23 4.66 -5.16	47.82 5.18 -3.99	49.74 4.93 -0.01	69.49 5.91 -8.90	139.20 6.73 -70.74	149.02 7.61 -72.83	255.48 8.46 -175.33	238.88 8.92 -153.00	250.36 17.26 -96.14	285.31 17.95 -124.93	278.85 16.25 -132.56	263.26 14.26 -133.02	324.10 10.28 -224.34	357.69 5.86 -297.05	242.02 6.40 -176.38	65.51 6.02 -8.44	53.62 4.95 -8.06
HOLTSVILLE_IC_9 23698	48.50 4.26 -8.41	47.01 3.71 -12.14	44.88 3.25 -13.59	40.46 2.99 -10.75	38.95 2.94 -8.79	39.94 3.22 -7.73	42.67 3.69 -5.74	46.23 4.66 -5.16	47.82 5.18 -3.99	49.74 4.93 -0.01	69.49 5.91 -8.90	139.20 6.73 -70.74	149.02 7.61 -72.83	255.48 8.46 -175.33	238.88 8.92 -153.00	250.36 17.26 -96.14	285.31 17.95 -124.93	278.85 16.25 -132.56	263.26 14.26 -133.02	324.10 10.28 -224.34	357.69 5.86 -297.05	242.02 6.40 -176.38	65.51 6.02 -8.44	53.62 4.95 -8.06
HOMER_HL_115KV_TB2 355744	36.47 0.64 0.00	31.79 0.62 0.00	28.63 0.59 0.00	27.14 0.43 0.00	27.57 0.35 0.00	29.46 0.46 0.00	33.88 0.63 0.00	37.21 0.80 0.00	39.45 0.81 0.00	46.28 1.48 0.00	56.77 2.08 0.00	64.57 2.84 0.00	72.08 3.50 0.00	74.92 3.23 0.00	80.11 3.16 0.00	138.06 1.10 0.00	142.86 0.43 0.00	130.56 0.52 0.00	117.03 1.04 0.00	92.06 2.59 0.00	57.35 2.57 0.00	60.95 1.72 0.00	51.15 0.10 0.00	41.10 0.49 0.00
HOWARD_WT_PWR 323690	37.21 1.00 -0.39	32.14 0.78 -0.19	28.77 0.67 -0.06	27.07 0.35 0.00	27.57 0.33 -0.03	29.56 0.46 -0.10	34.53 0.96 -0.32	37.80 1.16 -0.22	41.55 2.48 -0.43	48.90 3.54 -0.56	60.07 4.49 -0.90	68.45 5.74 -0.98	76.77 7.07 -1.12	80.55 7.24 -1.62	82.95 4.15 -1.84	143.19 3.28 -2.94	148.51 3.13 -2.94	136.08 3.64 -2.41	122.19 4.29 -1.91	95.69 4.74 -1.49	59.36 3.67 -0.91	63.08 3.14 -0.71	52.91 1.43 -0.44	42.34 1.30 -0.43

HQ_GEN_CEDARS 23644	19.05 -1.72 15.05	19.05 -1.40 10.71	19.05 -1.26 7.73	19.05 -1.10 6.57	19.05 -1.14 7.03	19.05 -1.28 8.67	19.05 -1.36 12.83	33.08 -1.78 1.54	19.05 -2.01 17.58	42.58 -2.11 0.12	18.27 -3.01 33.41	45.52 -3.70 12.51	19.04 -4.46 45.08	55.08 -4.59 12.03	58.45 -4.93 13.58	27.28 -8.35 101.33	18.98 -8.26 115.19	21.23 -7.67 101.14	88.81 -6.84 20.34	84.01 -5.46 0.00	51.77 -3.01 0.00	56.04 -3.20 0.00	48.24 -2.81 0.00	38.46 -2.15 0.00
HQ_GEN_CEDARS_PROXY 323590	19.05 -1.72 15.05	19.05 -1.40 10.71	19.05 -1.26 7.73	19.05 -1.10 6.57	19.05 -1.14 7.03	19.05 -1.28 8.67	19.05 -1.36 12.83	33.12 -1.75 1.54	19.05 -2.01 17.58	41.80 -2.10 0.89	19.05 -3.01 32.63	45.52 -3.70 12.51	19.05 -4.53 45.00	42.15 -4.66 24.89	66.78 -5.00 5.17	19.05 -8.36 109.56	19.05 -8.40 114.98	21.28 -7.80 100.96	88.69 -6.96 20.34	84.10 -5.37 0.00	51.82 -2.96 0.00	57.41 -3.20 -1.37	46.87 -2.81 1.37	38.45 -2.15 0.00
HQ_GEN_IMPORT 323601	35.47 -0.86 -0.51	30.81 -0.72 -0.36	27.68 -0.62 -0.26	26.37 -0.56 -0.22	26.88 -0.57 -0.24	28.65 -0.64 -0.29	32.98 -0.70 -0.43	35.48 -0.98 -0.05	38.11 -1.12 -0.59	42.82 -1.21 0.77	54.90 -1.70 -1.90	60.06 -2.10 -0.42	64.66 -2.40 1.52	66.46 -2.51 2.73	79.10 -2.70 -4.84	121.41 -4.52 11.04	135.62 -4.56 2.25	123.64 -4.17 2.23	106.93 -3.72 5.34	86.52 -2.95 0.00	53.08 -1.70 0.00	58.77 -1.84 -1.37	48.15 -1.53 1.37	39.43 -1.18 0.00
HQ_GEN_WHEEL 23651	35.47 -0.86 -0.51	30.81 -0.72 -0.36	27.68 -0.62 -0.26	26.37 -0.56 -0.22	26.88 -0.57 -0.24	28.65 -0.64 -0.29	32.98 -0.70 -0.43	35.48 -0.98 -0.05	38.11 -1.12 -0.59	42.82 -1.21 0.77	54.90 -1.70 -1.90	60.06 -2.10 -0.42	64.66 -2.40 1.52	66.46 -2.51 2.73	79.10 -2.70 -4.84	121.41 -4.52 11.04	135.62 -4.56 2.25	123.64 -4.17 2.23	106.93 -3.72 5.34	86.52 -2.95 0.00	53.08 -1.70 0.00	58.77 -1.84 -1.37	48.15 -1.53 1.37	39.43 -1.18 0.00
HUDSON AVE_GT_3 23810	39.22 3.40 0.00	34.06 2.90 0.00	30.59 2.55 0.00	29.04 2.32 0.00	29.48 2.26 0.00	31.43 2.44 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.74 4.10 0.00	48.88 4.08 0.00	59.83 5.14 0.00	67.23 5.49 0.00	74.48 5.90 0.00	78.37 6.67 0.00	84.61 6.93 -0.73	160.11 14.11 -9.04	165.29 14.67 -8.18	167.20 13.39 -23.77	158.47 11.71 -30.77	123.32 8.23 -25.62	75.88 4.16 -16.93	71.02 4.80 -6.99	55.95 4.90 0.00	44.67 4.06 0.00
HUDSON AVE_GT_4 23540	39.22 3.40 0.00	34.06 2.90 0.00	30.59 2.55 0.00	29.04 2.32 0.00	29.48 2.26 0.00	31.43 2.44 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.74 4.10 0.00	48.88 4.08 0.00	59.83 5.14 0.00	67.23 5.49 0.00	74.48 5.90 0.00	78.37 6.67 0.00	84.61 6.93 -0.73	160.11 14.11 -9.04	165.29 14.67 -8.18	167.20 13.39 -23.77	158.47 11.71 -30.77	123.32 8.23 -25.62	75.88 4.16 -16.93	71.02 4.80 -6.99	55.95 4.90 0.00	44.67 4.06 0.00
HUDSON AVE_GT_5 23657	39.22 3.40 0.00	34.06 2.90 0.00	30.59 2.55 0.00	29.04 2.32 0.00	29.48 2.26 0.00	31.43 2.44 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.74 4.10 0.00	48.88 4.08 0.00	59.83 5.14 0.00	67.23 5.49 0.00	74.48 5.90 0.00	78.37 6.67 0.00	84.61 6.93 -0.73	160.11 14.11 -9.04	165.29 14.67 -8.18	167.20 13.39 -23.77	158.47 11.71 -30.77	123.32 8.23 -25.62	75.88 4.16 -16.93	71.02 4.80 -6.99	55.95 4.90 0.00	44.67 4.06 0.00
HUDSON_AVE_10 24168	39.15 3.33 0.00	34.00 2.84 0.00	30.54 2.50 0.00	28.96 2.24 0.00	29.40 2.18 0.00	31.34 2.35 0.00	35.90 2.66 0.00	39.98 3.57 0.00	42.62 3.98 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.27 5.69 0.00	78.15 6.45 0.00	84.46 6.77 -0.73	159.70 13.70 -9.04	165.00 14.39 -8.18	166.94 13.13 -23.77	158.24 11.48 -30.77	123.14 8.05 -25.62	75.77 4.05 -16.93	70.90 4.68 -6.99	55.80 4.75 0.00	44.55 3.94 0.00
HUDSON___115KV_TB 4 355613	37.36 1.54 0.00	32.63 1.46 0.00	29.33 1.29 0.00	27.92 1.20 0.00	28.44 1.22 0.00	30.36 1.36 0.00	34.67 1.43 0.00	38.08 1.67 0.00	40.23 1.58 0.00	46.51 1.70 0.00	56.60 1.91 0.00	64.02 2.28 0.00	70.98 2.40 0.00	74.40 2.72 0.02	62.36 3.23 17.83	58.07 6.71 85.60	64.26 7.12 85.29	91.85 6.76 44.94	92.94 6.03 29.08	99.05 4.65 -4.92	79.75 2.30 -22.67	85.83 2.55 -24.05	53.81 2.76 0.00	42.64 2.03 0.00
HUNTER MOUNT___DRP 323613	37.51 1.68 0.00	32.72 1.56 0.00	29.39 1.35 0.00	28.00 1.28 0.00	28.52 1.31 0.00	30.45 1.45 0.00	34.81 1.56 0.00	38.08 1.67 0.00	40.27 1.62 0.00	46.59 1.79 0.00	56.77 2.08 0.00	64.26 2.53 0.00	71.25 2.67 0.00	74.62 2.94 0.02	67.24 3.69 13.40	80.89 7.26 63.33	87.05 7.98 63.36	110.40 7.54 27.17	110.16 6.84 12.67	106.83 5.37 -11.99	80.62 2.47 -23.38	82.81 2.67 -20.91	54.16 3.11 0.00	42.84 2.23 0.00
HUNTINGTON_RES_REC 323705	47.92 3.66 -8.44	46.48 3.18 -12.14	44.46 2.83 -13.59	40.06 2.59 -10.75	38.54 2.53 -8.79	39.51 2.78 -7.73	42.14 3.16 -5.74	45.65 4.08 -5.16	47.08 4.44 -3.99	49.01 4.17 -0.04	80.73 5.14 -20.90	233.75 5.87 -166.15	246.35 6.72 -171.05	491.01 7.53 -411.79	430.03 8.00 -345.07	356.01 16.02 -203.03	393.14 17.08 -233.62	286.70 15.47 -141.20	351.62 13.56 -222.07	589.56 9.48 -490.61	731.44 5.15 -671.51	469.70 5.63 -404.84	76.20 5.31 -19.84	55.23 4.43 -10.20
HUNTLEY___63 23557	36.00 0.18 0.00	31.32 0.16 0.00	28.21 0.17 0.00	26.77 0.05 0.00	27.22 0.00 0.00	29.05 0.06 0.00	33.31 0.07 0.00	36.19 -0.22 0.00	38.80 0.15 0.00	45.30 0.49 0.00	55.56 0.88 0.00	63.09 1.36 0.00	70.36 1.78 0.00	72.92 1.22 0.00	78.11 1.15 0.00	133.95 -3.01 0.00	138.16 -4.27 0.00	126.26 -3.77 0.00	113.90 -2.09 0.00	89.74 0.27 0.00	55.99 1.21 0.00	59.89 0.65 0.00	50.13 -0.92 0.00	40.73 0.12 0.00
HUNTLEY___64 23558	36.00 0.18 0.00	31.32 0.16 0.00	28.21 0.17 0.00	26.77 0.05 0.00	27.22 0.00 0.00	29.05 0.06 0.00	33.31 0.07 0.00	36.19 -0.22 0.00	38.80 0.15 0.00	45.30 0.49 0.00	55.56 0.88 0.00	63.09 1.36 0.00	70.36 1.78 0.00	72.92 1.22 0.00	78.11 1.15 0.00	133.95 -3.01 0.00	138.16 -4.27 0.00	126.26 -3.77 0.00	113.90 -2.09 0.00	89.74 0.27 0.00	55.99 1.21 0.00	59.89 0.65 0.00	50.13 -0.92 0.00	40.73 0.12 0.00
HUNTLEY___65 23559	36.00 0.18 0.00	31.32 0.16 0.00	28.21 0.17 0.00	26.77 0.05 0.00	27.22 0.00 0.00	29.05 0.06 0.00	33.31 0.07 0.00	36.19 -0.22 0.00	38.80 0.15 0.00	45.30 0.49 0.00	55.56 0.88 0.00	63.09 1.36 0.00	70.36 1.78 0.00	72.92 1.22 0.00	78.11 1.15 0.00	133.95 -3.01 0.00	138.16 -4.27 0.00	126.26 -3.77 0.00	113.90 -2.09 0.00	89.74 0.27 0.00	55.99 1.21 0.00	59.89 0.65 0.00	50.13 -0.92 0.00	40.73 0.12 0.00
HUNTLEY___66 23560	36.00 0.18 0.00	31.32 0.16 0.00	28.21 0.17 0.00	26.77 0.05 0.00	27.22 0.00 0.00	29.05 0.06 0.00	33.31 0.07 0.00	36.19 -0.22 0.00	38.80 0.15 0.00	45.30 0.49 0.00	55.56 0.88 0.00	63.09 1.36 0.00	70.36 1.78 0.00	72.92 1.22 0.00	78.11 1.15 0.00	133.95 -3.01 0.00	138.16 -4.27 0.00	126.26 -3.77 0.00	113.90 -2.09 0.00	89.74 0.27 0.00	55.99 1.21 0.00	59.89 0.65 0.00	50.13 -0.92 0.00	40.73 0.12 0.00

HUNTLEY___67 23561	35.86 0.04 0.00	31.23 0.06 0.00	28.12 0.08 0.00	26.69 -0.03 0.00	27.14 -0.08 0.00	28.97 -0.03 0.00	33.21 -0.03 0.00	36.05 -0.36 0.00	38.60 -0.04 0.00	45.21 0.40 0.00	55.51 0.82 0.00	63.03 1.30 0.00	70.29 1.71 0.00	72.84 1.15 0.00	78.03 1.08 0.00	133.95 -3.01 0.00	138.30 -4.13 0.00	126.26 -3.77 0.00	114.01 -1.97 0.00	89.83 0.36 0.00	56.04 1.26 0.00	59.83 0.59 0.00	50.13 -0.92 0.00	40.57 -0.04 0.00
HUNTLEY___68 23562	35.86 0.04 0.00	31.23 0.06 0.00	28.12 0.08 0.00	26.69 -0.03 0.00	27.14 -0.08 0.00	28.97 -0.03 0.00	33.21 -0.03 0.00	36.05 -0.36 0.00	38.60 -0.04 0.00	45.21 0.40 0.00	55.51 0.82 0.00	63.03 1.30 0.00	70.29 1.71 0.00	72.84 1.15 0.00	78.03 1.08 0.00	133.95 -3.01 0.00	138.30 -4.13 0.00	126.26 -3.77 0.00	114.01 -1.97 0.00	89.83 0.36 0.00	56.04 1.26 0.00	59.83 0.59 0.00	50.13 -0.92 0.00	40.57 -0.04 0.00
HYLAND___LFGE 323620	38.01 2.19 0.00	32.88 1.71 0.00	29.67 1.63 0.00	28.08 1.36 0.00	28.69 1.47 0.00	30.68 1.68 0.00	35.34 2.10 0.00	38.27 1.86 0.00	38.68 0.04 0.00	44.80 0.00 0.00	53.76 -0.93 0.00	56.36 -5.37 0.00	63.09 -5.49 0.00	65.67 -6.02 0.00	71.65 -5.31 0.00	123.40 -13.56 0.00	130.04 -12.39 0.00	121.06 -8.97 0.00	111.00 -4.98 0.00	87.95 -1.52 0.00	55.06 0.28 0.00	58.70 -0.53 0.00	52.53 1.48 0.00	41.83 1.22 0.00
INDECK___CORINTH 23802	37.72 1.90 0.00	32.69 1.53 0.00	29.36 1.32 0.00	27.97 1.26 0.00	28.44 1.23 0.00	30.42 1.42 0.00	34.81 1.56 0.00	38.27 1.86 0.00	40.77 2.12 0.00	47.63 2.82 0.00	57.75 3.06 0.00	65.74 4.01 0.00	73.17 4.60 0.00	76.22 4.52 -0.01	89.42 5.31 -7.16	197.84 9.73 -51.15	195.63 9.97 -43.23	344.86 9.37 -205.46	402.56 9.16 -277.41	339.14 7.16 -242.51	247.57 4.54 -188.24	142.66 4.98 -78.45	55.03 3.98 0.00	43.37 2.76 0.00
INDECK___ILION 23567	36.06 0.47 0.23	31.41 0.41 0.16	28.29 0.36 0.12	26.94 0.32 0.10	27.47 0.35 0.11	29.24 0.38 0.13	33.52 0.47 0.19	36.97 0.58 0.02	38.99 0.62 0.27	45.52 0.72 0.00	55.17 0.98 0.51	62.72 1.17 0.19	73.86 1.30 -3.97	78.35 1.36 -5.30	84.39 1.46 -5.98	147.43 2.74 -7.73	152.92 2.85 -7.64	139.74 2.60 -7.11	127.26 2.32 -8.95	91.35 1.88 0.00	55.93 1.15 0.00	60.42 1.18 0.00	52.02 0.97 0.00	41.34 0.73 0.00
INDECK___OLEAN 23982	36.47 0.65 0.00	31.79 0.62 0.00	28.63 0.59 0.00	27.14 0.43 0.00	27.57 0.35 0.00	29.46 0.46 0.00	33.87 0.63 0.00	37.14 0.73 0.00	39.46 0.81 0.00	46.37 1.57 0.00	56.71 2.02 0.00	64.57 2.84 0.00	72.35 3.77 0.00	75.07 3.37 0.00	80.26 3.31 0.00	138.19 1.23 0.00	143.29 0.86 0.00	130.82 0.78 0.00	117.03 1.04 0.00	91.89 2.42 0.00	57.36 2.58 0.00	60.95 1.72 0.00	51.15 0.10 0.00	41.10 0.49 0.00
INDECK___OSWEGO 23783	38.88 -0.61 -3.67	32.33 -0.56 -1.72	27.95 -0.50 -0.42	26.04 -0.51 0.17	26.75 -0.52 -0.05	29.26 -0.52 -0.78	35.70 -0.53 -2.99	38.25 -0.51 -2.35	41.87 -0.85 -4.08	49.85 -0.94 -5.99	62.19 -1.09 -8.59	70.85 -0.99 -10.10	73.53 -0.96 -5.92	81.65 -1.07 -11.02	88.86 -1.15 -13.06	153.25 -2.74 -19.02	157.81 -3.13 -18.51	141.22 -2.74 -13.92	124.26 -2.21 -10.48	104.00 -1.43 -15.96	63.74 -0.77 -9.73	65.82 -1.01 -7.60	54.62 -1.12 -4.69	44.30 -0.97 -4.67
INDECK___YERKES 23781	36.04 0.22 0.00	31.35 0.19 0.00	28.24 0.20 0.00	26.80 0.08 0.00	27.25 0.03 0.00	29.08 0.09 0.00	33.34 0.10 0.00	36.08 -0.33 0.00	38.84 0.19 0.00	45.65 0.85 0.00	55.56 0.87 0.00	63.09 1.36 0.00	70.77 2.19 0.00	73.06 1.36 0.00	78.34 1.39 0.00	134.23 -2.74 0.00	138.73 -3.70 0.00	126.65 -3.38 0.00	113.90 -2.08 0.00	89.65 0.18 0.00	55.93 1.15 0.00	59.89 0.65 0.00	50.13 -0.92 0.00	40.77 0.16 0.00
INDIAN POINT_GT_1 24139	38.65 2.83 0.00	33.63 2.46 0.00	30.20 2.16 0.00	28.69 1.98 0.00	29.15 1.93 0.00	31.11 2.12 0.00	35.57 2.33 0.00	39.47 3.06 0.00	42.08 3.44 0.00	48.30 3.49 0.00	59.12 4.43 0.00	66.61 4.88 0.00	73.93 5.35 0.00	77.65 5.95 0.00	83.97 6.31 -0.71	158.39 12.60 -8.83	163.66 13.25 -7.98	165.59 12.22 -23.33	156.65 10.44 -30.22	122.08 7.43 -25.19	75.34 3.89 -16.67	70.51 4.38 -6.89	55.34 4.29 0.00	44.10 3.49 0.00
INDIAN POINT_GT_2 23659	38.65 2.83 0.00	33.63 2.46 0.00	30.20 2.16 0.00	28.69 1.98 0.00	29.15 1.93 0.00	31.11 2.12 0.00	35.57 2.33 0.00	39.47 3.06 0.00	42.08 3.44 0.00	48.30 3.49 0.00	59.12 4.43 0.00	66.61 4.88 0.00	73.93 5.35 0.00	77.65 5.95 0.00	83.97 6.31 -0.71	158.39 12.60 -8.83	163.66 13.25 -7.98	165.59 12.22 -23.33	156.65 10.44 -30.22	122.08 7.43 -25.19	75.34 3.89 -16.67	70.51 4.38 -6.89	55.34 4.29 0.00	44.10 3.49 0.00
INDIAN POINT_GT_3 24019	38.65 2.83 0.00	33.63 2.46 0.00	30.20 2.16 0.00	28.69 1.98 0.00	29.15 1.93 0.00	31.11 2.12 0.00	35.57 2.33 0.00	39.47 3.06 0.00	42.08 3.44 0.00	48.30 3.49 0.00	59.12 4.43 0.00	66.61 4.88 0.00	73.93 5.35 0.00	77.65 5.95 0.00	83.97 6.31 -0.71	158.39 12.60 -8.83	163.66 13.25 -7.98	165.59 12.22 -23.33	156.65 10.44 -30.22	122.08 7.43 -25.19	75.34 3.89 -16.67	70.51 4.38 -6.89	55.34 4.29 0.00	44.10 3.49 0.00
INDIAN POINT___2 23530	38.58 2.76 0.00	33.56 2.40 0.00	30.14 2.10 0.00	28.64 1.92 0.00	29.10 1.88 0.00	31.05 2.06 0.00	35.51 2.26 0.00	39.43 3.02 0.00	41.97 3.32 0.00	48.16 3.36 0.00	59.01 4.32 0.00	66.49 4.75 0.00	73.73 5.15 0.00	77.50 5.80 0.00	83.03 6.08 0.00	157.63 12.19 -8.48	162.92 12.82 -7.66	164.40 11.71 -22.65	155.46 10.09 -29.38	121.07 7.07 -24.53	72.92 3.73 -14.41	69.88 4.21 -6.43	55.18 4.13 0.00	43.98 3.37 0.00
INDIAN POINT___3 23531	38.54 2.72 0.00	33.56 2.40 0.00	30.14 2.10 0.00	28.64 1.92 0.00	29.10 1.88 0.00	31.05 2.06 0.00	35.47 2.23 0.00	39.36 2.95 0.00	41.93 3.28 0.00	48.16 3.36 0.00	58.95 4.27 0.00	66.43 4.69 0.00	73.72 5.14 0.00	77.43 5.74 0.00	83.67 6.00 -0.71	157.86 12.05 -8.85	163.11 12.68 -8.00	164.98 11.57 -23.37	156.23 9.97 -30.27	121.76 7.07 -25.22	75.14 3.67 -16.69	70.28 4.15 -6.90	55.13 4.08 0.00	43.94 3.33 0.00
INGHAM_C_115KV_TB7 356103	36.17 0.57 0.23	31.50 0.50 0.16	28.34 0.42 0.12	26.99 0.37 0.10	27.52 0.41 0.11	29.33 0.46 0.13	33.62 0.57 0.19	37.11 0.73 0.02	39.11 0.73 0.27	45.65 0.85 0.00	55.33 1.15 0.51	62.96 1.42 0.19	74.20 1.65 -3.97	78.71 1.72 -5.30	84.70 1.77 -5.98	147.98 3.29 -7.73	153.49 3.42 -7.64	140.26 3.12 -7.11	127.84 2.90 -8.95	91.80 2.33 0.00	56.20 1.42 0.00	60.72 1.48 0.00	52.22 1.17 0.00	41.50 0.89 0.00
IP CORINTH___1 23988	37.94 2.11 0.00	32.88 1.71 0.00	29.53 1.49 0.00	28.13 1.42 0.00	28.61 1.39 0.00	30.59 1.59 0.00	35.01 1.76 0.00	38.48 2.08 0.00	41.00 2.36 0.00	47.89 3.09 0.00	58.08 3.39 0.00	66.12 4.38 0.00	73.59 5.01 0.00	76.65 4.95 -0.01	89.89 5.77 -7.16	198.66 10.55 -51.15	196.49 10.82 -43.23	345.51 10.01 -205.46	403.14 9.74 -277.41	339.67 7.69 -242.51	247.90 4.88 -188.25	143.01 5.33 -78.45	55.34 4.29 0.00	43.61 3.00 0.00

IP___TICONDEROGA 23804	40.26 4.44 0.00	34.84 3.68 0.00	31.24 3.20 0.00	29.73 3.02 0.00	30.24 3.02 0.00	32.45 3.45 0.00	37.17 3.92 0.00	40.78 4.37 0.00	43.55 4.91 0.00	51.25 6.45 0.00	62.24 7.55 0.00	71.18 9.45 0.00	79.21 10.63 0.00	82.46 10.75 -0.01	96.80 12.39 -7.45	211.33 22.05 -52.31	209.48 22.65 -44.40	356.92 21.20 -205.69	412.83 19.60 -277.24	347.04 15.66 -241.91	252.25 9.86 -187.61	147.78 10.60 -77.94	59.47 8.42 0.00	46.58 5.97 0.00
ISLIP_RES_REC 323679	48.75 4.51 -8.41	47.20 3.90 -12.14	45.04 3.42 -13.59	40.62 3.15 -10.75	39.11 3.10 -8.79	40.12 3.39 -7.73	42.87 3.89 -5.74	46.48 4.91 -5.16	48.12 5.49 -3.99	50.14 5.33 -0.01	69.29 6.50 -8.10	133.56 7.40 -64.42	143.33 8.43 -66.32	240.68 9.32 -159.67	227.58 9.85 -140.77	245.32 18.91 -89.45	280.31 19.66 -118.22	280.26 17.95 -132.27	259.15 15.77 -127.40	307.60 11.36 -206.77	333.43 6.41 -272.25	227.47 6.99 -161.25	65.17 6.43 -7.69	53.80 5.28 -7.92
JAMAICA__27_KV_LOAD 355505	39.48 3.65 0.00	34.28 3.12 0.00	30.76 2.72 0.00	29.15 2.43 0.00	29.61 2.40 0.00	31.52 2.52 0.00	36.17 2.93 0.00	40.27 3.86 0.00	43.01 4.37 0.00	49.24 4.44 0.00	60.27 5.58 0.00	67.72 5.99 0.00	74.96 6.38 0.00	78.87 7.17 0.00	85.23 7.54 -0.73	161.48 15.48 -9.04	166.86 16.24 -8.18	168.63 14.82 -23.77	159.98 13.22 -30.77	124.49 9.39 -25.62	76.42 4.71 -16.93	71.61 5.39 -6.99	56.41 5.36 0.00	44.91 4.30 0.00
JANIS___SOLAR 323808	38.76 2.15 -0.79	33.40 1.84 -0.39	29.79 1.63 -0.13	28.16 1.44 -0.01	28.82 1.55 -0.05	30.97 1.77 -0.20	36.18 2.29 -0.65	39.45 2.59 -0.46	41.96 2.44 -0.88	48.86 2.91 -1.14	59.92 3.39 -1.84	67.99 4.26 -2.00	75.88 5.00 -2.30	80.17 5.17 -3.31	86.26 5.54 -3.76	152.96 9.04 -6.96	158.79 9.69 -6.66	152.19 9.76 -12.39	140.11 9.74 -14.38	110.63 8.59 -12.57	69.74 5.64 -9.32	69.53 5.51 -4.78	55.77 3.83 -0.89	44.30 2.80 -0.89
JARVIS____ 23743	35.88 0.29 0.23	31.25 0.25 0.16	28.15 0.22 0.12	26.83 0.21 0.10	27.33 0.22 0.11	29.10 0.23 0.13	33.31 0.26 0.19	36.75 0.36 0.02	38.80 0.43 0.27	45.25 0.45 0.00	54.78 0.60 0.51	62.29 0.74 0.19	73.39 0.83 -3.98	77.66 0.86 -5.10	83.86 0.93 -5.98	146.35 1.65 -7.74	151.80 1.72 -7.65	138.72 1.57 -7.12	126.33 1.40 -8.95	90.55 1.08 0.00	55.38 0.60 0.00	59.95 0.71 0.00	51.67 0.61 0.00	41.10 0.49 0.00
JENNISON___1 23625	38.74 2.36 -0.56	33.53 2.09 -0.28	29.95 1.82 -0.09	28.35 1.63 -0.01	29.00 1.74 -0.04	31.08 1.94 -0.14	36.19 2.49 -0.45	39.64 2.91 -0.32	42.20 2.94 -0.62	49.19 3.58 -0.80	60.36 4.38 -1.29	68.63 5.49 -1.41	76.43 6.24 -1.61	80.55 6.52 -2.32	86.60 7.00 -2.65	154.37 11.64 -5.76	159.67 11.96 -5.27	156.99 11.31 -15.64	146.60 10.79 -19.82	116.28 9.13 -17.68	74.12 5.86 -13.48	71.43 5.75 -6.45	55.86 4.19 -0.63	44.36 3.13 -0.63
JENNISON___2 23626	38.74 2.36 -0.56	33.53 2.09 -0.28	29.95 1.82 -0.09	28.35 1.63 -0.01	29.00 1.74 -0.04	31.08 1.94 -0.14	36.19 2.49 -0.45	39.64 2.91 -0.32	42.20 2.94 -0.62	49.19 3.58 -0.80	60.36 4.38 -1.29	68.63 5.49 -1.41	76.43 6.24 -1.61	80.55 6.52 -2.32	86.60 7.00 -2.65	154.37 11.64 -5.76	159.67 11.96 -5.27	156.99 11.31 -15.64	146.60 10.79 -19.82	116.28 9.13 -17.68	74.12 5.86 -13.48	71.43 5.75 -6.45	55.86 4.19 -0.63	44.36 3.13 -0.63
JERICHO_RISE_WT_PWR 323719	32.48 -1.65 1.70	28.56 -1.40 1.21	25.91 -1.26 0.87	24.85 -1.12 0.74	25.26 -1.17 0.79	26.71 -1.30 0.98	30.54 -1.26 1.45	34.71 -1.53 0.17	35.04 -1.62 1.98	43.54 -1.25 0.01	48.08 -2.85 3.76	55.76 -4.57 1.41	54.10 -4.73 9.75	57.32 -4.88 9.50	62.02 -5.24 9.70	107.85 -8.90 20.21	112.53 -8.54 21.36	103.05 -7.67 19.32	94.61 -6.84 14.53	84.01 -5.46 0.00	51.77 -3.01 0.00	55.80 -3.44 0.00	48.45 -2.60 0.00	38.86 -1.74 0.00
KATONAH___115KV_46KV_TB4 355592	38.87 3.04 0.00	33.78 2.62 0.00	30.31 2.27 0.00	28.80 2.08 0.00	29.26 2.04 0.00	31.26 2.26 0.00	35.77 2.53 0.00	39.76 3.35 0.00	42.39 3.75 0.00	48.70 3.90 0.00	59.72 5.03 0.00	67.41 5.68 0.00	74.75 6.17 0.00	78.58 6.88 0.00	85.07 7.39 -0.73	160.74 14.66 -9.12	166.06 15.38 -8.24	168.37 14.17 -24.16	159.47 12.18 -31.31	124.34 8.77 -26.10	76.71 4.66 -17.28	71.59 5.21 -7.15	55.95 4.90 0.00	44.47 3.86 0.00
KCE_NY_1 323755	38.15 2.33 0.00	33.13 1.96 0.00	29.75 1.71 0.00	28.34 1.63 0.00	28.85 1.63 0.00	30.82 1.83 0.00	35.21 1.96 0.00	38.74 2.33 0.00	41.19 2.55 0.00	47.89 3.09 0.00	58.46 3.77 0.00	66.37 4.63 0.00	73.79 5.21 0.00	77.08 5.38 -0.01	90.89 6.08 -7.86	202.14 11.23 -53.94	200.02 11.53 -46.05	346.70 10.67 -206.00	402.62 9.62 -277.01	337.97 7.42 -241.08	246.00 4.49 -186.73	141.44 4.98 -77.23	55.24 4.19 0.00	43.69 3.08 0.00
KCE_NY_6_ESR 323823	36.39 0.57 0.00	31.63 0.47 0.00	28.49 0.45 0.00	27.04 0.32 0.00	27.49 0.27 0.00	29.34 0.35 0.00	33.71 0.47 0.00	36.56 0.15 0.00	39.30 0.66 0.00	46.15 1.34 0.00	56.44 1.75 0.00	64.21 2.47 0.00	71.94 3.36 0.00	74.49 2.79 0.00	79.88 2.92 0.00	137.10 0.14 0.00	141.87 -0.57 0.00	129.52 -0.52 0.00	116.34 0.35 0.00	91.44 1.97 0.00	57.03 2.25 0.00	60.89 1.66 0.00	51.05 0.00 0.00	41.22 0.61 0.00
KEDC_PORT_JEFF_GT2 24210	48.36 4.12 -8.42	46.89 3.58 -12.14	44.76 3.14 -13.59	40.36 2.89 -10.75	38.84 2.83 -8.79	39.83 3.10 -7.73	42.50 3.52 -5.74	46.08 4.51 -5.16	47.62 4.99 -3.99	49.48 4.66 -0.01	69.97 5.36 -9.92	146.48 5.87 -78.88	156.37 6.58 -81.20	274.52 7.32 -195.50	253.77 7.69 -169.12	257.21 15.20 -105.04	292.45 16.09 -133.93	277.73 14.56 -133.14	269.32 12.87 -140.46	345.52 9.03 -247.02	388.70 4.93 -328.99	260.55 5.45 -195.87	65.93 5.47 -9.41	53.52 4.67 -8.24
KEDC_PORT_JEFF_GT3 24211	48.36 4.12 -8.42	46.89 3.58 -12.14	44.76 3.14 -13.59	40.36 2.89 -10.75	38.84 2.83 -8.79	39.83 3.10 -7.73	42.50 3.52 -5.74	46.08 4.51 -5.16	47.62 4.99 -3.99	49.48 4.66 -0.01	69.97 5.36 -9.92	146.48 5.87 -78.88	156.37 6.58 -81.20	274.52 7.32 -195.50	253.77 7.69 -169.12	257.21 15.20 -105.04	292.45 16.09 -133.93	277.73 14.56 -133.14	269.32 12.87 -140.46	345.52 9.03 -247.02	388.70 4.93 -328.99	260.55 5.45 -195.87	65.93 5.47 -9.41	53.52 4.67 -8.24
KEDC_GLWD_GT4 24219	48.06 3.83 -8.40	46.61 3.30 -12.14	44.51 2.89 -13.59	40.14 2.67 -10.75	38.63 2.61 -8.79	39.57 2.84 -7.73	42.17 3.19 -5.74	45.65 4.08 -5.16	47.19 4.56 -3.99	48.92 4.12 0.00	59.94 5.25 0.00	67.79 6.05 0.00	75.44 6.86 0.00	79.37 7.68 0.00	187.25 8.15 -102.14	242.77 16.02 -89.79	295.41 17.08 -135.89	325.43 15.47 -179.93	248.74 13.45 -119.30	137.75 9.39 -38.89	79.20 5.04 -19.38	71.91 5.69 -6.99	56.41 5.36 0.00	51.44 4.35 -6.48
KEDC_GLWD_GT5 24220	48.06 3.83 -8.40	46.61 3.30 -12.14	44.51 2.89 -13.59	40.14 2.67 -10.75	38.63 2.61 -8.79	39.57 2.84 -7.73	42.17 3.19 -5.74	45.65 4.08 -5.16	47.19 4.56 -3.99	48.92 4.12 0.00	59.94 5.25 0.00	67.79 6.05 0.00	75.44 6.86 0.00	79.37 7.68 0.00	187.25 8.15 -102.14	242.77 16.02 -89.79	295.41 17.08 -135.89	325.43 15.47 -179.93	248.74 13.45 -119.30	137.75 9.39 -38.89	79.20 5.04 -19.38	71.91 5.69 -6.99	56.41 5.36 0.00	51.44 4.35 -6.48

KENSICO____ 23655	38.76 2.94 0.00	33.72 2.56 0.00	30.28 2.24 0.00	28.77 2.06 0.00	29.21 1.99 0.00	31.17 2.17 0.00	35.67 2.43 0.00	39.58 3.17 0.00	42.20 3.56 0.00	48.39 3.58 0.00	59.23 4.54 0.00	66.73 5.00 0.00	74.07 5.49 0.00	77.79 6.09 0.00	84.07 6.39 -0.73	158.85 12.87 -9.01	164.12 13.53 -8.16	166.22 12.48 -23.70	157.34 10.67 -30.68	122.63 7.60 -25.55	75.61 3.94 -16.89	70.65 4.44 -6.97	55.44 4.39 0.00	44.18 3.57 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.62 2.79 0.00	33.60 2.43 0.00	30.11 2.07 0.00	28.61 1.90 0.00	29.12 1.91 0.00	31.05 2.06 0.00	35.54 2.29 0.00	39.32 2.91 0.00	41.93 3.28 0.00	48.21 3.41 0.00	59.06 4.38 0.00	66.55 4.82 0.00	74.13 5.55 0.00	77.86 6.17 0.00	82.13 6.46 1.29	147.62 12.87 2.22	153.41 13.82 2.84	156.47 13.00 -13.43	147.96 11.48 -20.49	118.06 8.41 -20.18	74.76 4.38 -15.60	71.88 4.68 -7.96	55.49 4.44 0.00	44.06 3.45 0.00
KIAC_JFK_GT1 23816	39.08 3.26 0.00	33.94 2.77 0.00	30.56 2.52 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.23 2.23 0.00	35.84 2.59 0.00	39.90 3.50 0.00	42.58 3.94 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.20 5.62 0.00	78.08 6.38 0.00	84.38 6.70 -0.73	159.84 13.83 -9.04	165.15 14.53 -8.18	167.07 13.26 -23.77	158.58 11.83 -30.77	123.41 8.32 -25.62	75.77 4.05 -16.93	70.90 4.68 -6.99	55.80 4.75 0.00	44.47 3.86 0.00
KIAC_JFK_GT2 23817	39.08 3.26 0.00	33.94 2.77 0.00	30.56 2.52 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.23 2.23 0.00	35.84 2.59 0.00	39.90 3.50 0.00	42.58 3.94 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.20 5.62 0.00	78.08 6.38 0.00	84.38 6.70 -0.73	159.84 13.83 -9.04	165.15 14.53 -8.18	167.07 13.26 -23.77	158.58 11.83 -30.77	123.41 8.32 -25.62	75.77 4.05 -16.93	70.90 4.68 -6.99	55.80 4.75 0.00	44.47 3.86 0.00
KIAC_JFK____ 323774	39.08 3.26 0.00	33.94 2.77 0.00	30.56 2.52 0.00	28.98 2.27 0.00	29.42 2.20 0.00	31.23 2.23 0.00	35.84 2.59 0.00	39.94 3.53 0.00	42.59 3.94 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.00	78.08 6.38 0.00	84.38 6.69 -0.73	159.83 13.83 -9.04	165.15 14.54 -8.18	167.08 13.27 -23.77	158.59 11.84 -30.77	123.32 8.23 -25.62	75.71 4.00 -16.93	70.90 4.68 -6.99	55.80 4.75 0.00	44.47 3.86 0.00
KINTIGH____ 23543	35.68 -0.14 0.00	31.04 -0.12 0.00	27.98 -0.06 0.00	26.55 -0.16 0.00	27.03 -0.19 0.00	28.85 -0.14 0.00	33.04 -0.20 0.00	35.86 -0.55 0.00	38.37 -0.27 0.00	44.85 0.04 0.00	55.07 0.38 0.00	62.54 0.80 0.00	69.68 1.10 0.00	72.27 0.57 0.00	77.49 0.54 0.00	133.68 -3.29 0.00	138.16 -4.27 0.00	126.13 -3.90 0.00	113.67 -2.32 0.00	89.38 -0.09 0.00	55.60 0.82 0.00	59.47 0.24 0.00	50.03 -1.02 0.00	40.32 -0.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.48 -1.29 1.05	29.33 -1.09 0.75	26.55 -0.95 0.54	25.37 -0.88 0.46	25.83 -0.90 0.49	27.37 -1.01 0.61	31.55 -0.80 0.90	35.39 -0.91 0.11	36.45 -0.97 1.23	44.62 -0.18 0.01	49.73 -2.63 2.33	55.61 -5.25 0.87	54.99 -4.94 8.65	59.23 -5.16 7.31	63.24 -5.46 8.25	109.77 -9.18 18.02	114.76 -8.55 19.13	105.10 -7.67 17.27	96.67 -6.96 12.35	83.83 -5.64 0.00	51.77 -3.01 0.00	55.86 -3.38 0.00	48.75 -2.30 0.00	39.43 -1.18 0.00
LACHUTE__HYDRO 323717	40.26 4.44 0.00	34.84 3.68 0.00	31.24 3.20 0.00	29.73 3.02 0.00	30.24 3.02 0.00	32.44 3.45 0.00	37.17 3.92 0.00	40.78 4.37 0.00	43.55 4.91 0.00	51.26 6.45 0.00	62.24 7.55 0.00	71.24 9.50 0.00	79.21 10.63 0.00	82.53 10.83 -0.01	96.80 12.39 -7.45	211.46 22.19 -52.31	209.62 22.78 -44.40	357.05 21.33 -205.69	412.95 19.72 -277.24	346.95 15.57 -241.91	252.20 9.80 -187.61	147.78 10.60 -77.94	59.47 8.42 0.00	46.58 5.97 0.00
LAWRNCALV_115KV_TB1 80681	21.55 -2.44 11.84	20.68 -2.06 8.42	20.11 -1.85 6.08	19.92 -1.63 5.17	20.03 -1.66 5.53	20.35 -1.83 6.82	21.23 -1.93 10.09	32.87 -2.33 1.21	22.15 -2.67 13.83	41.89 -2.82 0.09	24.48 -3.94 26.27	47.14 -4.75 9.84	16.98 -5.76 45.84	44.06 -5.95 21.68	46.17 -6.31 24.47	25.80 -10.82 100.35	20.09 -10.82 111.52	21.22 -10.01 98.80	70.52 -8.81 36.65	82.49 -6.98 0.00	51.00 -3.78 0.00	55.21 -4.03 0.00	47.48 -3.57 0.00	37.81 -2.80 0.00
LEDERLE____ 23769	38.76 2.94 0.00	33.75 2.59 0.00	30.31 2.27 0.00	28.80 2.08 0.00	29.26 2.04 0.00	31.23 2.23 0.00	35.67 2.43 0.00	39.61 3.20 0.00	42.20 3.56 0.00	48.52 3.72 0.00	59.45 4.76 0.00	67.04 5.31 0.00	74.48 5.90 0.00	78.22 6.52 0.00	83.80 6.85 0.00	158.67 13.56 -8.14	164.02 14.24 -7.35	165.05 13.00 -22.01	155.70 11.13 -28.58	121.33 7.96 -23.90	73.13 4.22 -14.13	70.16 4.62 -6.31	55.54 4.49 0.00	44.22 3.61 0.00
LIGHTHSE_115KV_TB6 355974	36.33 -0.57 -1.08	30.89 -0.56 -0.29	27.30 -0.50 0.24	25.75 -0.48 0.48	26.36 -0.46 0.39	28.41 -0.49 0.09	33.66 -0.43 -0.85	37.22 -0.36 -1.17	39.25 -0.54 -1.15	47.48 -0.54 -3.22	56.73 -0.60 -2.64	66.12 -0.31 -4.69	56.83 -0.62 11.13	62.74 -0.72 8.24	66.82 -0.92 9.21	115.71 -2.33 18.92	119.40 -2.71 20.33	107.73 -2.21 20.09	95.80 -1.51 18.68	97.43 -0.63 -8.59	60.12 0.11 -5.23	63.32 0.00 -4.09	53.16 -0.41 -2.52	42.63 -0.49 -2.51
LINDEN COGEN____ 23786	38.97 3.15 0.00	33.85 2.68 0.00	30.40 2.36 0.00	28.85 2.14 0.00	29.26 2.04 0.00	31.23 2.23 0.00	35.77 2.53 0.00	39.80 3.39 0.00	42.43 3.79 0.00	44.96 3.54 3.38	46.74 4.54 12.48	61.48 4.88 5.13	71.96 5.15 1.76	76.10 5.88 1.47	75.84 6.08 7.19	134.99 12.59 14.57	140.26 13.10 15.27	140.70 11.96 1.29	133.59 10.44 -7.16	98.64 7.16 -2.01	60.34 3.56 -2.00	55.53 4.21 7.91	47.67 4.34 7.71	44.34 3.73 0.00
LINDHRST_69_KV_BK1 356055	48.45 4.23 -8.40	46.95 3.65 -12.14	44.82 3.20 -13.59	40.43 2.97 -10.75	38.93 2.91 -8.79	39.92 3.19 -7.73	42.60 3.62 -5.74	46.12 4.55 -5.16	47.66 5.02 -3.99	49.73 4.93 0.00	61.29 5.85 -0.75	74.27 6.61 -5.94	82.37 7.68 -6.11	94.94 8.53 -14.71	119.71 9.00 -33.76	187.37 17.94 -32.47	223.84 19.09 -62.32	280.74 17.42 -133.28	210.23 15.31 -78.94	145.32 10.92 -44.94	100.98 5.97 -40.23	87.01 6.58 -21.20	57.88 6.13 -0.71	52.17 4.95 -6.61
LIPA_MISC_IPP 23656	48.39 4.16 -8.41	46.92 3.62 -12.14	44.79 3.17 -13.59	40.38 2.91 -10.75	38.87 2.86 -8.79	39.86 3.13 -7.73	42.54 3.56 -5.74	46.08 4.51 -5.16	47.70 5.06 -3.99	49.74 4.93 -0.01	68.85 5.80 -8.37	134.82 6.54 -66.54	144.63 7.54 -68.51	244.95 8.32 -164.93	229.63 8.70 -143.98	244.79 16.85 -90.98	279.81 17.80 -119.57	278.13 16.25 -131.84	259.02 14.27 -128.77	312.22 10.20 -212.56	338.66 5.75 -278.13	231.91 6.34 -166.34	64.86 5.87 -7.94	53.36 4.79 -7.96
LISF__SOLAR 323691	48.50 4.26 -8.41	47.01 3.71 -12.14	44.85 3.22 -13.59	40.46 2.99 -10.75	38.93 2.91 -8.79	39.92 3.19 -7.73	42.64 3.66 -5.74	46.19 4.62 -5.16	47.78 5.14 -3.99	49.70 4.88 -0.01	69.14 5.96 -8.49	136.03 6.79 -67.50	145.82 7.75 -69.49	247.61 8.60 -167.31	231.91 8.92 -146.04	246.65 17.54 -92.15	281.60 18.38 -120.79	278.81 16.78 -132.00	260.57 14.85 -129.73	315.27 10.55 -215.25	345.10 5.97 -284.35	234.50 6.63 -168.64	65.23 6.12 -8.06	53.55 4.95 -7.98

LITTLE FALLS___HYD 24013	36.17 0.57 0.23	31.50 0.50 0.16	28.34 0.42 0.12	26.99 0.37 0.10	27.52 0.41 0.11	29.33 0.46 0.13	33.62 0.57 0.19	37.11 0.73 0.02	39.11 0.73 0.27	45.65 0.85 0.00	55.33 1.15 0.51	62.96 1.42 0.19	74.20 1.65 -3.97	78.71 1.72 -5.30	84.70 1.77 -5.98	147.98 3.29 -7.73	153.49 3.42 -7.64	140.26 3.12 -7.11	127.84 2.90 -8.95	91.80 2.33 0.00	56.20 1.42 0.00	60.72 1.48 0.00	52.22 1.17 0.00	41.50 0.89 0.00
LITTLRIV_115KV_TB1 356100	22.67 -2.11 11.04	21.51 -1.75 7.91	20.71 -1.57 5.76	20.39 -1.39 4.93	20.57 -1.39 5.26	21.01 -1.54 6.44	22.30 -1.53 9.42	33.52 -1.89 1.00	23.46 -2.28 12.90	42.78 -2.33 -0.31	26.84 -3.39 24.46	49.01 -4.01 8.71	18.47 -4.94 45.17	44.56 -5.02 22.12	46.62 -5.39 24.95	29.82 -9.04 98.10	24.21 -9.40 108.83	24.74 -8.58 96.71	70.71 -7.31 37.97	84.89 -5.64 -1.05	52.52 -2.90 -0.64	56.60 -3.14 -0.50	48.40 -2.96 -0.31	38.56 -2.36 -0.31
LI_NEWBRDGE___DRP 323616	47.59 3.37 -8.40	46.23 2.93 -12.14	44.20 2.58 -13.59	39.85 2.38 -10.75	38.35 2.34 -8.79	39.25 2.52 -7.73	41.84 2.86 -5.74	45.25 3.68 -5.16	46.69 4.06 -3.99	48.70 3.90 0.00	59.39 4.70 0.00	67.04 5.31 0.00	74.61 6.03 0.00	78.44 6.74 0.00	84.69 7.00 -0.73	160.11 14.11 -9.04	192.01 15.10 -34.48	264.19 13.78 -120.37	189.29 11.95 -61.36	123.40 8.32 -25.61	76.14 4.44 -16.93	71.26 5.03 -6.99	55.95 4.90 0.00	51.11 4.02 -6.48
LOCKPORT_115KV_TB60_63_64 80432	35.68 -0.14 0.00	31.04 -0.12 0.00	27.98 -0.06 0.00	26.55 -0.16 0.00	27.03 -0.19 0.00	28.85 -0.14 0.00	33.01 -0.23 0.00	35.83 -0.58 0.00	38.37 -0.27 0.00	44.89 0.09 0.00	55.07 0.38 0.00	62.47 0.74 0.00	69.61 1.03 0.00	72.05 0.36 0.00	77.26 0.31 0.00	132.58 -4.38 0.00	136.74 -5.70 0.00	124.96 -5.07 0.00	112.85 -3.13 0.00	89.02 -0.45 0.00	55.60 0.82 0.00	59.47 0.24 0.00	49.77 -1.28 0.00	40.36 -0.24 0.00
LOCKPORT___CC1 323769	35.53 -0.29 0.00	30.95 -0.22 0.00	27.87 -0.17 0.00	26.45 -0.27 0.00	26.92 -0.30 0.00	28.73 -0.26 0.00	32.91 -0.33 0.00	35.54 -0.87 0.00	38.22 -0.42 0.00	44.85 0.04 0.00	54.80 0.11 0.00	62.22 0.49 0.00	69.67 1.09 0.00	71.98 0.29 0.00	77.11 0.15 0.00	132.31 -4.66 0.00	136.59 -5.85 0.00	124.83 -5.21 0.00	112.39 -3.60 0.00	88.49 -0.98 0.00	55.33 0.55 0.00	59.18 -0.06 0.00	49.62 -1.43 0.00	40.20 -0.41 0.00
LOCKPORT___CC2 323770	35.53 -0.29 0.00	30.95 -0.22 0.00	27.87 -0.17 0.00	26.45 -0.27 0.00	26.92 -0.30 0.00	28.73 -0.26 0.00	32.91 -0.33 0.00	35.54 -0.87 0.00	38.22 -0.42 0.00	44.85 0.04 0.00	54.80 0.11 0.00	62.22 0.49 0.00	69.67 1.09 0.00	71.98 0.29 0.00	77.11 0.15 0.00	132.31 -4.66 0.00	136.59 -5.85 0.00	124.83 -5.21 0.00	112.39 -3.60 0.00	88.49 -0.98 0.00	55.33 0.55 0.00	59.18 -0.06 0.00	49.62 -1.43 0.00	40.20 -0.41 0.00
LOCKPORT___CC3 323771	35.53 -0.29 0.00	30.95 -0.22 0.00	27.87 -0.17 0.00	26.45 -0.27 0.00	26.92 -0.30 0.00	28.73 -0.26 0.00	32.91 -0.33 0.00	35.54 -0.87 0.00	38.22 -0.42 0.00	44.85 0.04 0.00	54.80 0.11 0.00	62.22 0.49 0.00	69.67 1.09 0.00	71.98 0.29 0.00	77.11 0.15 0.00	132.31 -4.66 0.00	136.59 -5.85 0.00	124.83 -5.21 0.00	112.39 -3.60 0.00	88.49 -0.98 0.00	55.33 0.55 0.00	59.18 -0.06 0.00	49.62 -1.43 0.00	40.20 -0.41 0.00
LONG_LAKE_PHOENIX 24014	38.35 -0.25 -2.78	32.19 -0.28 -1.30	28.10 -0.25 -0.31	26.32 -0.27 0.12	26.98 -0.27 -0.03	29.33 -0.26 -0.59	35.27 -0.23 -2.26	38.01 -0.18 -1.78	41.49 -0.23 -3.08	49.20 -0.13 -4.53	61.08 -0.11 -6.50	69.50 0.12 -7.64	74.07 0.27 -5.22	81.44 0.22 -9.53	88.06 0.23 -10.88	152.56 -0.27 -15.87	157.22 -0.71 -15.50	141.43 -0.52 -11.91	125.18 -0.23 -9.43	101.72 0.18 -12.07	62.35 0.22 -7.35	64.98 0.00 -5.74	54.29 -0.31 -3.55	43.77 -0.37 -3.53
LOVETT___3 23632	38.47 2.65 0.00	33.53 2.37 0.00	30.11 2.07 0.00	28.61 1.90 0.00	29.07 1.85 0.00	31.03 2.03 0.00	35.44 2.19 0.00	39.32 2.91 0.00	41.85 3.21 0.00	48.07 3.27 0.00	58.90 4.21 0.00	66.36 4.63 0.00	73.65 5.07 0.00	77.36 5.66 0.00	82.88 5.93 0.00	157.12 11.92 -8.24	162.54 12.68 -7.43	163.79 11.57 -22.18	154.65 9.86 -28.80	120.52 6.98 -24.07	72.66 3.67 -14.21	69.66 4.09 -6.34	55.08 4.03 0.00	43.90 3.29 0.00
LOVETT___4 23642	38.47 2.65 0.00	33.53 2.37 0.00	30.11 2.07 0.00	28.61 1.90 0.00	29.07 1.85 0.00	31.03 2.03 0.00	35.44 2.19 0.00	39.32 2.91 0.00	41.85 3.21 0.00	48.07 3.27 0.00	58.90 4.21 0.00	66.36 4.63 0.00	73.65 5.07 0.00	77.36 5.66 0.00	82.88 5.93 0.00	157.12 11.92 -8.24	162.54 12.68 -7.43	163.79 11.57 -22.18	154.65 9.86 -28.80	120.52 6.98 -24.07	72.66 3.67 -14.21	69.66 4.09 -6.34	55.08 4.03 0.00	43.90 3.29 0.00
LOVETT___5 23593	38.47 2.65 0.00	33.53 2.37 0.00	30.11 2.07 0.00	28.61 1.90 0.00	29.07 1.85 0.00	31.03 2.03 0.00	35.44 2.19 0.00	39.32 2.91 0.00	41.85 3.21 0.00	48.07 3.27 0.00	58.90 4.21 0.00	66.36 4.63 0.00	73.65 5.07 0.00	77.36 5.66 0.00	82.88 5.93 0.00	157.12 11.92 -8.24	162.54 12.68 -7.43	163.79 11.57 -22.18	154.65 9.86 -28.80	120.52 6.98 -24.07	72.66 3.67 -14.21	69.66 4.09 -6.34	55.08 4.03 0.00	43.90 3.29 0.00
LOWER RAQUET___HYD 24057	22.61 -2.69 10.52	21.34 -2.27 7.55	20.51 -2.02 5.51	20.18 -1.82 4.72	20.37 -1.82 5.03	20.84 -2.00 6.15	22.14 -2.13 8.98	32.96 -2.51 0.94	23.44 -2.90 12.30	42.09 -3.05 -0.34	27.10 -4.27 23.32	48.36 -5.12 8.25	17.51 -6.10 44.97	32.77 -6.24 32.69	43.72 -6.70 26.54	28.41 -11.37 97.19	23.50 -11.53 107.40	23.90 -10.53 95.61	66.31 -9.28 40.40	83.52 -7.07 -1.12	51.52 -3.94 -0.69	55.45 -4.32 -0.54	47.55 -3.83 -0.33	37.89 -3.05 -0.33
LOWER___HUDSON 24059	37.61 1.79 0.00	32.66 1.50 0.00	29.39 1.35 0.00	28.00 1.28 0.00	28.50 1.28 0.00	30.39 1.39 0.00	34.71 1.46 0.00	38.27 1.86 0.00	40.65 2.01 0.00	47.04 2.24 0.00	57.53 2.84 0.00	65.13 3.39 0.00	72.28 3.70 0.00	75.65 3.94 -0.01	93.89 4.38 -12.55	217.79 8.22 -72.60	215.97 8.55 -64.99	345.62 7.80 -207.79	394.51 6.84 -271.69	323.56 5.10 -228.99	232.27 2.96 -174.54	130.73 3.37 -68.12	54.06 3.01 0.00	42.92 2.31 0.00
LOWVILLE_115KV_TB2 356335	32.51 -0.90 2.41	28.56 -0.75 1.86	25.89 -0.67 1.48	25.00 -0.37 1.34	25.50 -0.33 1.39	27.10 -0.29 1.60	31.07 -0.10 2.08	36.48 0.00 -0.07	35.56 -0.23 2.85	45.61 -0.13 -0.94	49.13 -0.27 5.28	60.68 -0.19 0.87	120.59 -1.10 -53.10	141.98 -1.08 -71.36	156.35 -1.15 -80.55	239.63 -1.78 -104.44	243.77 -1.85 -103.19	224.05 -1.43 -95.45	234.48 -0.70 -119.19	91.95 -0.09 -2.57	57.28 0.93 -1.57	61.35 0.89 -1.22	52.01 0.20 -0.76	41.28 -0.08 -0.75
LUTHERFT_115KV_GLOB_FND_222 355753	38.15 2.33 0.00	33.10 1.93 0.00	29.75 1.71 0.00	28.32 1.60 0.00	28.82 1.61 0.00	30.79 1.80 0.00	35.17 1.93 0.00	38.70 2.29 0.00	41.15 2.51 0.00	47.85 3.05 0.00	58.41 3.72 0.00	66.30 4.57 0.00	73.72 5.14 0.00	77.01 5.31 -0.01	90.82 6.00 -7.86	201.87 10.96 -53.94	199.74 11.25 -46.05	346.44 10.40 -206.00	402.39 9.39 -277.01	337.88 7.34 -241.08	245.94 4.44 -186.73	141.32 4.86 -77.23	55.19 4.14 0.00	43.65 3.05 0.00

LUTHERNY_35_KV_BK2 355980	38.15 2.33 0.00	33.13 1.96 0.00	29.75 1.71 0.00	28.34 1.63 0.00	28.85 1.63 0.00	30.82 1.83 0.00	35.21 1.96 0.00	38.70 2.29 0.00	41.19 2.55 0.00	47.89 3.09 0.00	58.46 3.77 0.00	66.36 4.63 0.00	73.79 5.21 0.00	77.08 5.38 -0.01	90.89 6.08 -7.86	202.00 11.09 -53.94	200.02 11.54 -46.05	346.57 10.53 -206.00	402.63 9.63 -277.01	337.97 7.43 -241.08	246.00 4.49 -186.73	141.44 4.98 -77.23	55.24 4.19 0.00	43.69 3.09 0.00
LWR___OSWEGATCHIE_HYD 23850	26.80 -2.26 6.76	24.30 -1.93 4.94	22.63 -1.74 3.68	22.02 -1.50 3.20	22.33 -1.50 3.39	23.35 -1.57 4.08	25.87 -1.60 5.78	34.24 -1.75 0.42	28.63 -2.09 7.93	43.34 -2.24 -0.77	36.74 -3.01 14.94	53.70 -3.40 4.64	7.68 -4.73 56.17	21.26 -4.80 45.64	20.24 -5.23 51.48	11.87 -8.77 116.33	9.45 -8.97 124.01	9.76 -8.06 112.22	30.66 -6.96 78.36	86.59 -5.10 -2.22	53.94 -2.19 -1.35	57.86 -2.43 -1.06	49.25 -2.45 -0.65	39.15 -2.11 -0.65
LYONS_FALL_HYD 23570	34.13 -0.14 1.55	29.83 -0.12 1.21	26.96 -0.11 0.97	25.86 0.03 0.89	26.41 0.11 0.92	28.12 0.18 1.05	32.27 0.37 1.34	37.03 0.55 -0.07	37.23 0.43 1.84	46.12 0.63 -0.69	52.01 0.71 3.39	62.14 0.86 0.46	104.60 1.03 -34.99	118.13 1.14 -45.29	131.19 1.16 -53.08	207.93 2.06 -68.91	212.51 1.99 -68.08	195.05 2.07 -62.94	196.86 2.44 -78.43	93.67 2.32 -1.88	57.51 1.59 -1.14	61.78 1.66 -0.89	52.57 0.97 -0.55	41.73 0.57 -0.55
MADISON___COUNTY_LFGE 323628	36.83 1.11 0.10	31.95 0.97 0.18	28.65 0.84 0.23	27.20 0.75 0.26	27.78 0.82 0.25	29.70 0.93 0.22	34.37 1.23 0.10	38.14 1.49 -0.23	40.01 1.51 0.14	47.42 1.88 -0.74	56.87 2.35 0.17	64.87 2.35 -0.79	80.39 2.61 -9.21	87.38 2.80 -12.89	94.52 3.00 -14.57	160.81 5.07 -18.78	166.03 5.13 -18.47	151.64 4.81 -16.79	141.44 4.76 -20.69	95.47 4.03 -1.97	58.67 2.68 -1.20	63.37 3.20 -0.94	53.93 2.30 -0.58	42.85 1.66 -0.58
MALONE___115KV_TB1 356076	30.15 -1.68 3.99	26.86 -1.46 2.84	24.70 -1.29 2.05	23.83 -1.15 1.74	24.19 -1.17 1.86	25.40 -1.30 2.30	28.65 -1.20 3.40	34.58 -1.42 0.41	32.44 -1.55 4.66	43.56 -1.21 0.03	43.16 -2.68 8.85	54.35 -4.07 3.31	44.00 -4.59 19.99	54.31 -4.73 12.65	57.59 -5.08 14.28	85.63 -8.49 42.84	87.60 -8.12 46.72	80.92 -7.41 41.71	87.99 -6.61 21.39	84.19 -5.28 0.00	51.99 -2.79 0.00	56.15 -3.08 0.00	48.50 -2.55 0.00	38.82 -1.79 0.00
MAPLEWOD_115KV_TB3 80458	37.33 1.50 0.00	32.44 1.28 0.00	29.19 1.15 0.00	27.81 1.10 0.00	28.31 1.09 0.00	30.18 1.19 0.00	34.44 1.20 0.00	37.94 1.53 0.00	40.34 1.70 0.00	46.68 1.88 0.00	57.09 2.41 0.00	64.63 2.90 0.00	71.73 3.15 0.00	75.15 3.44 -0.02	94.43 3.85 -13.63	218.04 7.40 -73.68	217.20 7.69 -67.08	321.87 6.89 -184.95	359.88 5.92 -237.97	290.62 4.38 -196.76	206.13 2.47 -148.89	117.91 2.84 -55.83	53.65 2.60 0.00	42.60 1.99 0.00
MAPLE_RIDGE_WT_1 323574	35.24 -0.86 -0.28	30.65 -0.72 -0.20	27.57 -0.62 -0.14	26.27 -0.56 -0.12	26.80 -0.54 -0.13	28.58 -0.58 -0.16	32.88 -0.60 -0.24	35.78 -0.65 -0.03	38.31 -0.66 -0.33	44.13 -0.67 0.00	54.43 -0.88 -0.62	60.67 -1.30 -0.23	67.64 -1.57 -0.64	70.29 -1.65 -0.24	75.19 -1.77 0.00	135.44 -3.01 -1.48	141.32 -2.85 -1.73	129.07 -2.47 -1.51	113.78 -2.21 0.00	87.77 -1.70 0.00	53.90 -0.88 0.00	58.23 -1.01 0.00	50.13 -0.92 0.00	39.88 -0.73 0.00
MAPLE_RIDGE_WT_2 323611	35.24 -0.86 -0.28	30.65 -0.72 -0.20	27.57 -0.62 -0.14	26.27 -0.56 -0.12	26.80 -0.54 -0.13	28.58 -0.58 -0.16	32.88 -0.60 -0.24	35.78 -0.65 -0.03	38.31 -0.66 -0.33	44.13 -0.67 0.00	54.43 -0.88 -0.62	60.67 -1.30 -0.23	67.64 -1.57 -0.64	70.29 -1.65 -0.24	75.19 -1.77 0.00	135.44 -3.01 -1.48	141.32 -2.85 -1.73	129.07 -2.47 -1.51	113.78 -2.21 0.00	87.77 -1.70 0.00	53.90 -0.88 0.00	58.23 -1.01 0.00	50.13 -0.92 0.00	39.88 -0.73 0.00
MARBLE_RIVER_WT_PWR 323696	33.56 -1.54 0.72	29.31 -1.34 0.51	26.49 -1.18 0.37	25.33 -1.07 0.31	25.77 -1.12 0.34	27.34 -1.25 0.41	31.47 -1.16 0.61	34.95 -1.38 0.07	36.37 -1.43 0.84	43.81 -0.99 0.01	50.31 -2.79 1.60	56.38 -4.75 0.60	57.94 -4.80 5.83	59.89 -4.95 6.86	63.98 -5.24 7.74	116.46 -8.90 11.60	122.14 -8.54 11.75	111.55 -7.67 10.82	97.55 -6.84 11.59	84.01 -5.46 0.00	51.77 -3.01 0.00	55.80 -3.44 0.00	48.55 -2.50 0.00	39.02 -1.58 0.00
MARSHVLE_115KV_TB1 80742	39.15 3.33 0.00	34.03 2.87 0.00	30.56 2.52 0.00	29.07 2.35 0.00	29.64 2.42 0.00	31.72 2.73 0.00	36.24 2.99 0.00	39.29 2.88 0.00	41.46 2.82 0.00	48.21 3.41 0.00	58.84 4.16 0.00	67.35 5.62 0.00	75.09 6.52 0.00	78.44 6.74 0.00	88.37 7.62 -3.80	184.29 13.56 -33.77	183.27 13.67 -27.17	310.88 13.52 -167.32	359.63 14.38 -229.26	305.00 11.90 -203.63	221.37 7.40 -159.20	135.10 7.76 -68.11	57.33 6.28 0.00	45.12 4.51 0.00
MARSH_HILL_WT_PWR 323713	37.15 0.97 -0.36	32.09 0.75 -0.18	28.77 0.67 -0.06	27.07 0.35 0.00	27.54 0.30 -0.02	29.52 0.44 -0.09	34.47 0.93 -0.29	37.75 1.13 -0.21	41.56 2.51 -0.40	48.91 3.59 -0.52	60.06 4.54 -0.84	68.39 5.74 -0.91	76.69 7.07 -1.05	80.52 7.32 -1.51	82.74 4.08 -1.71	142.86 3.15 -2.74	148.03 2.85 -2.75	135.79 3.51 -2.24	121.82 4.06 -1.78	95.42 4.56 -1.39	59.24 3.61 -0.84	62.97 3.08 -0.66	52.88 1.43 -0.41	42.27 1.26 -0.41
MCINTYRE_115KV_TB2 80467	22.07 -1.65 12.11	21.21 -1.34 8.62	20.62 -1.21 6.22	20.39 -1.04 5.28	20.53 -1.03 5.65	20.86 -1.16 6.97	21.80 -1.13 10.32	33.68 -1.49 1.24	22.61 -1.89 14.14	42.78 -1.93 0.10	24.87 -2.95 26.87	48.15 -3.52 10.06	18.48 -4.32 45.78	46.45 -4.37 20.87	48.70 -4.69 23.56	28.59 -7.94 100.43	22.63 -7.98 111.82	23.76 -7.28 99.00	74.67 -6.03 35.28	85.00 -4.47 0.00	52.59 -2.19 0.00	56.81 -2.43 0.00	48.70 -2.35 0.00	38.74 -1.87 0.00
MECO_____69_KV_BK1 80468	40.84 5.02 0.00	35.47 4.30 0.00	31.77 3.73 0.00	30.21 3.50 0.00	30.84 3.62 0.00	33.08 4.09 0.00	37.93 4.69 0.00	41.40 4.99 0.00	43.90 5.26 0.00	51.48 6.68 0.00	62.67 7.98 0.00	71.86 10.12 0.00	80.17 11.59 0.00	83.53 11.83 0.00	94.62 13.62 -4.05	197.64 24.79 -35.89	197.37 26.07 -28.87	332.84 24.97 -177.84	382.97 23.31 -243.68	324.16 18.25 -216.44	235.14 11.12 -169.24	143.36 11.73 -72.40	60.39 9.34 0.00	47.27 6.66 0.00
MENANDS___115KV_TB5 355628	37.04 1.22 0.00	32.22 1.06 0.00	29.02 0.98 0.00	27.65 0.94 0.00	28.12 0.90 0.00	29.98 0.99 0.00	34.21 0.96 0.00	37.72 1.31 0.00	40.07 1.43 0.00	46.37 1.57 0.00	56.66 1.97 0.00	64.08 2.35 0.00	71.19 2.61 0.00	74.51 2.80 -0.01	91.99 3.16 -11.88	207.47 6.16 -64.35	207.07 6.41 -58.23	305.20 5.59 -169.57	340.30 4.76 -219.56	275.78 3.40 -182.91	196.16 1.86 -139.52	114.44 2.19 -53.01	53.19 2.14 0.00	42.27 1.66 0.00
MG INDUSTRY___DRP 24185	36.93 1.11 0.00	32.13 0.97 0.00	28.94 0.90 0.00	27.57 0.85 0.00	28.06 0.84 0.00	29.92 0.93 0.00	34.18 0.93 0.00	37.50 1.09 0.00	39.72 1.08 0.00	45.92 1.12 0.00	56.00 1.31 0.00	63.28 1.54 0.00	68.92 0.34 0.00	72.04 0.36 0.02	64.91 0.62 12.66	78.82 1.64 59.78	84.17 1.85 60.11	112.83 1.56 18.77	115.44 1.39 1.94	111.23 0.98 -20.78	85.47 0.49 -30.20	83.32 0.71 -23.37	52.94 1.89 0.00	42.07 1.46 0.00

MID___OSWEGATCHIE_HYD 23849	26.80 -2.26 6.76	24.30 -1.93 4.94	22.63 -1.74 3.68	22.02 -1.50 3.20	22.33 -1.50 3.39	23.35 -1.57 4.08	25.87 -1.60 5.78	34.24 -1.75 0.42	28.63 -2.09 7.93	43.34 -2.24 -0.77	36.74 -3.01 14.94	53.70 -3.40 4.64	7.68 -4.73 56.17	21.26 -4.80 45.64	20.24 -5.23 51.48	11.87 -8.77 116.33	9.45 -8.97 124.01	9.76 -8.06 112.22	30.66 -6.96 78.36	86.59 -5.10 -2.22	53.94 -2.19 -1.35	57.86 -2.43 -1.06	49.25 -2.45 -0.65	39.15 -2.11 -0.65
MID___RAQUETTE_HYD 23851	22.61 -2.69 10.52	21.34 -2.28 7.55	20.52 -2.02 5.51	20.18 -1.82 4.72	20.37 -1.82 5.03	20.84 -2.00 6.15	22.14 -2.13 8.98	32.96 -2.51 0.94	23.44 -2.90 12.30	42.09 -3.05 -0.34	27.10 -4.27 23.32	48.36 -5.12 8.25	17.17 -6.17 45.23	41.78 -6.38 23.53	43.56 -6.85 26.54	27.65 -11.51 97.81	22.63 -11.68 108.12	23.14 -10.66 96.24	66.08 -9.51 40.40	83.17 -7.43 -1.12	51.47 -4.00 -0.69	55.45 -4.32 -0.54	47.55 -3.83 -0.33	37.89 -3.05 -0.33
MILLIKEN___1 23584	38.11 1.22 -1.07	32.69 1.00 -0.53	29.11 0.90 -0.17	27.50 0.77 -0.01	28.10 0.82 -0.07	30.20 0.93 -0.27	35.35 1.23 -0.87	38.48 1.46 -0.62	41.34 1.51 -1.19	48.18 1.84 -1.54	59.47 2.30 -2.48	67.27 2.84 -2.70	75.03 3.36 -3.09	79.60 3.44 -4.46	85.72 3.69 -5.07	151.06 5.48 -8.62	156.46 5.55 -8.47	146.18 5.46 -10.68	132.37 5.45 -10.94	103.65 4.92 -9.26	64.56 3.23 -6.54	66.07 3.08 -3.76	54.35 2.09 -1.20	43.31 1.50 -1.20
MILLIKEN___2 23585	38.11 1.22 -1.07	32.69 1.00 -0.53	29.11 0.90 -0.17	27.50 0.77 -0.01	28.10 0.82 -0.07	30.20 0.93 -0.27	35.35 1.23 -0.87	38.48 1.46 -0.62	41.34 1.51 -1.19	48.18 1.84 -1.54	59.47 2.30 -2.48	67.27 2.84 -2.70	75.03 3.36 -3.09	79.60 3.44 -4.46	85.72 3.69 -5.07	151.06 5.48 -8.62	156.46 5.55 -8.47	146.18 5.46 -10.68	132.37 5.45 -10.94	103.65 4.92 -9.26	64.56 3.23 -6.54	66.07 3.08 -3.76	54.35 2.09 -1.20	43.31 1.50 -1.20
MILLIKEN___DIESEL 23629	38.11 1.22 -1.07	32.69 1.00 -0.53	29.11 0.90 -0.17	27.50 0.77 -0.01	28.10 0.82 -0.07	30.20 0.93 -0.27	35.35 1.23 -0.87	38.48 1.46 -0.62	41.34 1.51 -1.19	48.18 1.84 -1.54	59.47 2.30 -2.48	67.27 2.84 -2.70	75.03 3.36 -3.09	79.60 3.44 -4.46	85.72 3.69 -5.07	151.06 5.48 -8.62	156.46 5.55 -8.47	146.18 5.46 -10.68	132.37 5.45 -10.94	103.65 4.92 -9.26	64.56 3.23 -6.54	66.07 3.08 -3.76	54.35 2.09 -1.20	43.31 1.50 -1.20
MILLSEAT___LFGE 323607	36.32 0.50 0.00	31.54 0.38 0.00	28.43 0.39 0.00	26.95 0.24 0.00	27.49 0.27 0.00	29.34 0.35 0.00	33.64 0.40 0.00	36.48 0.07 0.00	39.14 0.50 0.00	46.01 1.21 0.00	56.11 1.42 0.00	63.28 1.54 0.00	70.98 2.40 0.00	73.35 1.65 0.00	78.73 1.77 0.00	135.33 -1.64 0.00	139.87 -2.56 0.00	128.09 -1.95 0.00	115.18 -0.81 0.00	90.55 1.08 0.00	56.53 1.75 0.00	60.89 1.66 0.00	50.90 -0.15 0.00	41.10 0.49 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.65 2.83 0.00	33.63 2.46 0.00	30.20 2.16 0.00	28.69 1.98 0.00	29.15 1.93 0.00	31.11 2.12 0.00	35.57 2.33 0.00	39.50 3.09 0.00	42.08 3.44 0.00	48.30 3.49 0.00	59.12 4.43 0.00	66.61 4.88 0.00	73.93 5.35 0.00	77.65 5.95 0.00	83.91 6.23 -0.72	158.37 12.46 -8.94	163.77 13.25 -8.09	165.68 12.09 -23.55	156.80 10.32 -30.49	122.30 7.43 -25.40	75.41 3.83 -16.80	70.49 4.32 -6.94	55.34 4.29 0.00	44.10 3.49 0.00
MILLWOOD_13_KV_LOAD 356217	38.79 2.97 0.00	33.75 2.59 0.00	30.28 2.24 0.00	28.77 2.06 0.00	29.23 2.01 0.00	31.23 2.23 0.00	35.70 2.46 0.00	39.65 3.24 0.00	42.27 3.63 0.00	48.52 3.72 0.00	59.45 4.76 0.00	67.04 5.31 0.00	74.34 5.76 0.00	78.08 6.38 0.00	84.45 6.77 -0.72	159.46 13.56 -8.94	164.77 14.24 -8.09	166.72 13.13 -23.55	157.73 11.25 -30.49	122.92 8.05 -25.40	75.85 4.27 -16.80	70.91 4.74 -6.94	55.70 4.65 0.00	44.30 3.70 0.00
MODEL_CITY_ENERGY 24167	35.43 -0.39 0.00	30.85 -0.31 0.00	27.81 -0.23 0.00	26.37 -0.35 0.00	26.84 -0.38 0.00	28.65 -0.35 0.00	32.78 -0.47 0.00	35.35 -1.06 0.00	38.02 -0.62 0.00	44.62 -0.18 0.00	54.52 -0.16 0.00	61.98 0.25 0.00	69.41 0.83 0.00	71.70 0.00 0.00	76.80 -0.15 0.00	131.76 -5.20 0.00	136.03 -6.41 0.00	124.32 -5.72 0.00	111.92 -4.06 0.00	88.13 -1.34 0.00	55.06 0.28 0.00	58.94 -0.29 0.00	49.37 -1.68 0.00	40.04 -0.57 0.00
MODERN_LFGE___ 323580	35.43 -0.39 0.00	30.85 -0.31 0.00	27.81 -0.23 0.00	26.37 -0.35 0.00	26.84 -0.38 0.00	28.65 -0.35 0.00	32.78 -0.47 0.00	35.35 -1.06 0.00	38.02 -0.62 0.00	44.62 -0.18 0.00	54.52 -0.16 0.00	61.98 0.25 0.00	69.41 0.83 0.00	71.70 0.00 0.00	76.80 -0.15 0.00	131.76 -5.20 0.00	136.03 -6.41 0.00	124.32 -5.72 0.00	111.92 -4.06 0.00	88.13 -1.34 0.00	55.06 0.28 0.00	58.94 -0.29 0.00	49.37 -1.68 0.00	40.04 -0.57 0.00
MOHAWK_PAPER___DRP 24187	37.33 1.50 0.00	32.44 1.28 0.00	29.19 1.15 0.00	27.81 1.10 0.00	28.31 1.09 0.00	30.18 1.19 0.00	34.44 1.20 0.00	37.94 1.53 0.00	40.34 1.70 0.00	46.68 1.88 0.00	57.09 2.41 0.00	64.63 2.90 0.00	71.73 3.15 0.00	75.15 3.44 -0.02	94.43 3.85 -13.63	218.04 7.40 -73.68	217.20 7.69 -67.08	321.87 6.89 -184.95	359.88 5.92 -237.97	290.62 4.38 -196.76	206.13 2.47 -148.89	117.91 2.84 -55.83	53.65 2.60 0.00	42.60 1.99 0.00
MOHICAN___35_KV_115KV_LD 80490	38.29 2.47 0.00	33.19 2.03 0.00	29.81 1.77 0.00	28.40 1.68 0.00	28.88 1.66 0.00	30.88 1.88 0.00	35.31 2.06 0.00	38.85 2.44 0.00	41.39 2.74 0.00	48.30 3.49 0.00	58.68 3.99 0.00	66.80 5.06 0.00	74.34 5.76 0.00	77.51 5.81 -0.01	91.27 6.70 -7.62	202.14 12.19 -52.99	200.05 12.53 -45.09	347.43 11.57 -205.82	404.15 11.02 -277.15	339.71 8.68 -241.57	247.45 5.42 -187.25	142.80 5.92 -77.64	55.85 4.80 0.00	44.02 3.41 0.00
MONGAUP___HYD 23641	38.40 2.58 0.00	33.44 2.27 0.00	29.97 1.93 0.00	28.48 1.76 0.00	28.99 1.77 0.00	30.97 1.97 0.00	35.37 2.13 0.00	39.07 2.66 0.00	41.58 2.94 0.00	47.76 2.96 0.00	58.30 3.61 0.00	65.62 3.89 0.00	72.97 4.39 0.00	76.07 4.37 0.00	81.03 4.08 0.00	152.68 8.63 -7.08	156.90 8.11 -6.35	157.82 7.93 -19.85	149.08 7.19 -25.90	117.41 6.17 -21.77	71.48 3.56 -13.14	69.31 4.21 -5.87	55.08 4.03 0.00	43.82 3.21 0.00
MONTAUK___DIESEL 23721	49.93 5.70 -8.41	48.17 4.86 -12.14	45.89 4.26 -13.59	41.45 3.98 -10.75	39.91 3.89 -8.79	40.93 4.20 -7.73	43.77 4.79 -5.74	47.58 6.01 -5.16	49.55 6.92 -3.99	52.20 7.39 -0.01	72.35 9.24 -8.42	139.24 10.56 -66.95	149.57 12.07 -68.92	250.32 12.69 -165.93	233.63 11.85 -144.83	251.02 22.60 -91.46	286.43 23.93 -120.07	283.78 21.85 -131.90	264.41 19.25 -129.17	316.49 13.33 -213.69	341.88 7.40 -279.71	235.60 9.06 -167.30	66.75 7.71 -7.99	54.75 6.17 -7.97
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.18 1.36 0.00	32.32 1.15 0.00	29.13 1.09 0.00	27.65 0.94 0.00	28.14 0.93 0.00	30.10 1.10 0.00	34.64 1.40 0.00	38.08 1.67 0.00	40.69 2.05 0.00	47.85 3.05 0.00	58.68 3.99 0.00	66.80 5.06 0.00	74.55 5.97 0.00	77.50 5.81 0.00	83.03 6.08 0.00	142.31 5.34 0.00	146.99 4.56 0.00	134.20 4.16 0.00	120.63 4.64 0.00	94.93 5.46 0.00	59.11 4.33 0.00	62.85 3.61 0.00	52.48 1.43 0.00	42.11 1.50 0.00

MORTIMER_115KV_TB3 55949	36.18 0.36 0.00	31.38 0.22 0.00	28.29 0.25 0.00	26.88 0.16 0.00	27.41 0.19 0.00	29.23 0.23 0.00	33.54 0.30 0.00	36.59 0.18 0.00	39.07 0.43 0.00	45.70 0.90 0.00	56.00 1.31 0.00	63.65 1.91 0.00	70.98 2.40 0.00	73.78 2.08 0.00	79.19 2.23 0.00	137.92 0.96 0.00	142.58 0.14 0.00	130.30 0.26 0.00	117.03 1.04 0.00	91.44 1.97 0.00	56.64 1.86 0.00	60.66 1.42 0.00	51.15 0.10 0.00	40.93 0.32 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.12 3.30 0.00	33.97 2.80 0.00	30.51 2.47 0.00	28.96 2.24 0.00	29.42 2.20 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.90 3.50 0.00	42.55 3.90 0.00	48.66 3.85 0.00	59.56 4.87 0.00	66.92 5.19 0.00	74.20 5.62 0.00	78.01 6.31 0.00	84.30 6.62 -0.73	159.29 13.29 -9.04	164.58 13.96 -8.18	166.55 12.74 -23.77	157.89 11.13 -30.77	122.88 7.78 -25.62	75.71 4.00 -16.93	70.78 4.56 -6.99	55.70 4.65 0.00	44.51 3.90 0.00
MUNSVILLE_WIND_PWR 323609	39.75 3.26 -0.67	34.40 2.90 -0.33	30.62 2.47 -0.11	28.97 2.24 -0.01	29.71 2.45 -0.04	31.92 2.76 -0.17	37.35 3.56 -0.55	40.88 4.08 -0.39	43.34 3.94 -0.75	50.70 4.93 -0.97	62.11 5.85 -1.57	70.78 7.34 -1.70	79.04 8.50 -1.95	83.33 8.82 -2.81	89.54 9.39 -3.20	159.34 16.02 -6.36	165.05 16.66 -5.96	160.05 15.99 -14.02	148.29 15.19 -17.11	117.57 12.97 -15.13	74.57 8.38 -11.41	73.09 8.23 -5.62	57.73 5.92 -0.76	45.75 4.39 -0.76
N SALMON___HYD 24042	30.15 -1.68 3.99	26.86 -1.46 2.84	24.70 -1.29 2.05	23.83 -1.15 1.74	24.19 -1.17 1.86	25.40 -1.30 2.30	28.65 -1.20 3.40	34.58 -1.42 0.41	32.44 -1.55 4.66	43.56 -1.21 0.03	43.16 -2.68 8.85	54.28 -4.14 3.31	45.10 -4.67 18.81	51.26 -4.80 15.63	57.59 -5.08 14.28	88.24 -8.62 40.11	90.64 -8.26 43.53	83.70 -7.41 38.93	87.99 -6.61 21.39	84.28 -5.19 0.00	52.10 -2.68 0.00	56.15 -3.08 0.00	48.50 -2.55 0.00	38.82 -1.79 0.00
N.AKRON__115KV_KNAPP 355671	36.32 0.50 0.00	31.54 0.37 0.00	28.43 0.39 0.00	26.98 0.27 0.00	27.49 0.27 0.00	29.34 0.35 0.00	33.64 0.40 0.00	36.63 0.22 0.00	39.18 0.54 0.00	45.88 1.08 0.00	56.22 1.53 0.00	63.46 1.73 0.00	70.77 2.19 0.00	73.35 1.65 0.00	78.65 1.69 0.00	135.32 -1.64 0.00	139.58 -2.85 0.00	127.69 -2.34 0.00	115.29 -0.70 0.00	90.72 1.25 0.00	56.64 1.86 0.00	60.89 1.66 0.00	50.90 -0.15 0.00	41.10 0.49 0.00
N.BELMOR_69_KV_BK1 55787	48.02 3.80 -8.40	46.55 3.24 -12.14	44.51 2.89 -13.59	40.11 2.64 -10.75	38.63 2.61 -8.79	39.54 2.81 -7.73	42.14 3.16 -5.74	45.57 4.01 -5.16	47.08 4.44 -3.99	49.19 4.39 0.00	59.88 5.20 0.00	67.66 5.93 0.00	75.37 6.79 0.00	79.30 7.60 0.00	131.06 8.00 -46.10	198.15 16.02 -45.16	239.38 17.09 -79.85	292.78 15.73 -147.01	216.95 13.69 -87.28	130.59 9.57 -31.55	76.91 5.20 -16.93	72.14 5.92 -6.99	56.77 5.72 0.00	51.68 4.59 -6.48
N.E_GEN_SANDY PD 24062	37.83 2.00 0.00	32.88 1.71 0.00	29.58 1.54 0.00	28.21 1.50 0.00	28.66 1.44 0.00	30.87 1.56 -0.31	34.84 1.60 0.00	38.56 2.15 0.00	41.00 2.36 0.00	46.40 2.37 0.78	59.43 3.17 -1.57	70.17 3.58 -4.86	93.16 3.84 -20.74	134.48 4.23 -58.55	138.53 4.54 -57.04	172.60 8.90 -26.74	185.75 9.25 -34.06	209.32 8.33 -70.95	213.99 7.19 -90.81	169.25 5.19 -74.59	134.42 2.85 -76.79	87.02 3.20 -24.59	56.98 3.11 -2.82	43.13 2.52 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.58 2.76 0.00	33.63 2.46 0.00	30.20 2.16 0.00	28.69 1.98 0.00	29.15 1.93 0.00	31.08 2.09 0.00	35.54 2.29 0.00	39.39 2.99 0.00	42.00 3.36 0.00	48.25 3.45 0.00	59.12 4.43 0.00	66.61 4.88 0.00	74.00 5.42 0.00	77.72 6.02 0.00	83.26 6.31 0.00	157.76 12.60 -8.19	163.07 13.25 -7.39	164.35 12.22 -22.10	155.00 10.32 -28.69	120.88 7.43 -23.98	72.84 3.89 -14.17	69.83 4.26 -6.33	55.29 4.24 0.00	44.02 3.41 0.00
N.QUEENS_27_KV_LOAD 356247	39.34 3.51 -0.01	34.20 3.02 -0.01	30.74 2.69 -0.01	29.21 2.48 -0.01	29.59 2.37 -0.01	31.52 2.52 0.00	35.97 2.73 0.00	39.94 3.53 0.00	42.55 3.90 0.00	48.43 3.63 0.00	59.11 4.43 0.01	66.42 4.69 0.01	73.65 5.07 0.01	77.36 5.66 0.01	83.61 5.93 -0.73	158.05 12.05 -9.03	163.29 12.68 -8.18	165.50 11.70 -23.76	156.95 10.21 -30.76	122.42 7.34 -25.62	75.54 3.83 -16.93	70.66 4.44 -6.98	55.53 4.49 0.01	44.51 3.90 0.00
N.TROY___115KV_TB1 355778	37.61 1.79 0.00	32.66 1.50 0.00	29.39 1.35 0.00	28.00 1.28 0.00	28.50 1.28 0.00	30.39 1.39 0.00	34.71 1.46 0.00	38.23 1.82 0.00	40.65 2.01 0.00	47.04 2.24 0.00	57.53 2.84 0.00	65.07 3.33 0.00	72.28 3.70 0.00	75.65 3.94 -0.01	93.89 4.39 -12.55	217.79 8.22 -72.60	215.97 8.55 -64.99	345.50 7.67 -207.79	394.52 6.84 -271.69	323.65 5.19 -228.99	232.33 3.01 -174.54	130.73 3.38 -68.12	54.06 3.01 0.00	42.92 2.31 0.00
NARROWS_GT1_1 24228	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT1_2 24229	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT1_3 24230	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT1_4 24231	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT1_5 24232	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00

NARROWS_GT1_6 24233	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT1_7 24234	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT1_8 24235	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT2_1 24236	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT2_2 24237	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT2_3 24238	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT2_4 24239	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT2_5 24240	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT2_6 24241	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT2_7 24242	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NARROWS_GT2_8 24243	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.78 4.14 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.06 5.49 0.01	78.00 6.31 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.29 13.68 -8.18	166.28 12.48 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.43 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.51 1.68 0.00	32.72 1.56 0.00	29.39 1.35 0.00	28.00 1.28 0.00	28.52 1.31 0.00	30.45 1.45 0.00	34.81 1.56 0.00	38.08 1.67 0.00	40.27 1.62 0.00	46.59 1.79 0.00	56.77 2.08 0.00	64.26 2.53 0.00	71.25 2.67 0.00	74.62 2.94 0.02	67.24 3.69 13.40	80.89 7.26 63.33	87.05 7.98 63.36	110.40 7.54 27.17	110.16 6.84 12.67	106.83 5.37 -11.99	80.62 2.47 -23.38	82.81 2.67 -20.91	54.16 3.11 0.00	42.84 2.23 0.00
NCHELSEA_115KV_TR2 355582	38.76 2.94 0.00	33.72 2.56 0.00	30.26 2.22 0.00	28.77 2.06 0.00	29.26 2.04 0.00	31.23 2.23 0.00	35.70 2.46 0.00	39.54 3.13 0.00	42.27 3.63 0.00	48.66 3.85 0.00	59.66 4.98 0.00	67.29 5.56 0.00	74.75 6.17 0.00	78.51 6.81 0.00	84.11 7.16 0.00	158.06 13.97 -7.12	163.13 14.39 -6.31	165.30 13.26 -22.00	156.47 11.48 -29.00	122.56 8.41 -24.68	74.83 4.44 -15.61	71.01 4.80 -6.97	55.70 4.65 0.00	44.26 3.65 0.00
NEG CAPITAL___MECHNVIL 23645	38.19 2.36 0.00	33.13 1.96 0.00	29.78 1.74 0.00	28.37 1.66 0.00	28.85 1.63 0.00	30.82 1.83 0.00	35.24 1.99 0.00	38.77 2.37 0.00	41.23 2.59 0.00	47.94 3.14 0.00	58.57 3.88 0.00	66.49 4.75 0.00	73.93 5.35 0.00	77.30 5.60 -0.01	92.44 6.31 -9.17	207.80 11.64 -59.20	205.77 11.97 -51.37	347.98 10.92 -207.02	402.11 9.85 -276.27	335.45 7.60 -238.38	243.19 4.54 -183.87	139.14 4.98 -74.93	55.29 4.23 0.00	43.74 3.13 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.61 -0.21 0.00	30.88 -0.28 0.00	27.84 -0.19 0.00	26.45 -0.27 0.00	26.97 -0.25 0.00	28.76 -0.23 0.00	33.08 -0.17 0.00	36.16 -0.25 0.00	38.57 -0.08 0.00	45.16 0.36 0.00	55.24 0.55 0.00	62.85 1.11 0.00	70.36 1.78 0.00	73.06 1.36 0.00	78.49 1.54 0.00	137.10 0.14 0.00	141.87 -0.57 0.00	129.65 -0.39 0.00	116.10 0.12 0.00	90.46 0.99 0.00	55.93 1.15 0.00	59.83 0.59 0.00	50.54 -0.51 0.00	40.37 -0.24 0.00

NEG CENTRAL___DRP 24199	37.32 0.61 -0.89	32.06 0.50 -0.40	28.59 0.48 -0.07	26.99 0.35 0.07	27.58 0.38 0.02	29.65 0.49 -0.16	34.63 0.66 -0.72	37.82 0.80 -0.61	40.52 0.89 -0.98	47.67 1.30 -1.57	58.53 1.75 -2.09	66.67 2.35 -2.59	74.16 2.88 -2.70	79.04 2.80 -4.54	85.05 2.92 -5.17	146.92 2.74 -7.21	151.90 2.42 -7.05	138.59 2.86 -5.70	124.72 3.36 -5.37	97.05 3.40 -4.18	59.79 2.47 -2.55	63.36 2.13 -1.99	53.35 1.07 -1.23	42.60 0.77 -1.22
NEG CENTRAL___INDECK 23768	37.58 1.75 0.00	32.53 1.37 0.00	29.33 1.29 0.00	27.78 1.07 0.00	28.36 1.14 0.00	30.30 1.31 0.00	34.94 1.69 0.00	37.97 1.56 0.00	38.84 0.19 0.00	45.25 0.45 0.00	54.85 0.16 0.00	60.01 -1.73 0.00	67.27 -1.31 0.00	69.83 -1.86 0.00	75.65 -1.31 0.00	130.80 -6.16 0.00	136.31 -6.12 0.00	125.75 -4.29 0.00	113.90 -2.08 0.00	89.65 0.18 0.00	55.82 1.04 0.00	59.59 0.36 0.00	51.82 0.77 0.00	41.34 0.73 0.00
NEG CENTRAL___SENECA 23627	37.26 0.86 -0.57	32.17 0.72 -0.29	28.83 0.70 -0.09	27.28 0.56 -0.01	27.83 0.57 -0.04	29.84 0.70 -0.15	34.65 0.93 -0.47	37.83 1.09 -0.33	40.48 1.20 -0.64	47.34 1.70 -0.83	58.27 2.24 -1.34	66.15 2.96 -1.46	73.88 3.63 -1.67	77.69 3.58 -2.40	83.31 3.62 -2.74	144.22 2.88 -4.38	149.38 2.56 -4.38	137.00 3.38 -3.58	123.00 4.18 -2.84	95.89 4.21 -2.21	59.31 3.18 -1.35	63.01 2.72 -1.05	53.08 1.38 -0.65	42.31 1.06 -0.65
NEG CENTRAL___STATE_STREET 24147	37.67 0.61 -1.24	32.17 0.44 -0.57	28.58 0.42 -0.12	26.93 0.29 0.08	27.57 0.35 0.00	29.68 0.43 -0.25	34.88 0.63 -1.00	38.03 0.80 -0.82	40.90 0.89 -1.37	48.10 1.21 -2.09	59.17 1.59 -2.90	67.38 2.16 -3.49	74.90 2.61 -3.71	80.33 2.58 -6.05	86.69 2.85 -6.89	150.68 3.84 -9.88	155.70 3.56 -9.71	141.41 3.51 -7.87	126.61 3.48 -7.15	98.35 3.31 -5.57	60.42 2.25 -3.39	63.90 2.01 -2.65	53.81 1.12 -1.64	42.97 0.73 -1.63
NEG MILLWOOD___DRP 24198	39.01 3.19 0.00	33.91 2.74 0.00	30.37 2.33 0.00	28.85 2.14 0.00	29.37 2.15 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.83 3.42 0.00	42.47 3.83 0.00	48.88 4.08 0.00	59.99 5.30 0.00	67.72 5.99 0.00	75.16 6.58 0.00	78.94 7.24 0.00	84.73 7.77 0.00	160.70 15.34 -8.40	166.35 16.38 -7.54	168.59 15.08 -23.47	159.59 12.99 -30.61	124.67 9.48 -25.72	75.32 5.04 -15.50	71.72 5.57 -6.92	56.26 5.21 0.00	44.67 4.06 0.00
NEG NORTH_FLCN_SEA 23793	33.60 -1.29 0.93	29.41 -1.09 0.66	26.61 -0.95 0.48	25.45 -0.85 0.41	25.88 -0.90 0.44	27.44 -1.01 0.54	31.62 -0.83 0.80	35.37 -0.95 0.10	36.59 -0.97 1.09	44.66 -0.13 0.01	49.66 -2.95 2.07	54.91 -6.05 0.78	54.78 -5.62 8.18	58.75 -5.88 7.07	62.74 -6.23 7.98	109.30 -10.68 16.98	114.34 -10.11 17.98	104.55 -9.23 16.25	95.80 -8.24 11.95	82.76 -6.71 0.00	51.05 -3.73 0.00	55.09 -4.15 0.00	48.45 -2.60 0.00	39.47 -1.14 0.00
NEG NORTH_KES_CHATEGAY 23792	32.57 -1.58 1.68	28.63 -1.34 1.19	26.00 -1.18 0.86	24.91 -1.07 0.73	25.32 -1.12 0.78	26.78 -1.25 0.97	30.62 -1.20 1.43	34.78 -1.46 0.17	35.14 -1.55 1.96	43.58 -1.21 0.01	48.12 -2.84 3.73	55.83 -4.51 1.40	52.82 -4.59 11.17	58.33 -4.80 8.56	62.21 -5.08 9.66	104.82 -8.63 23.51	109.10 -8.12 25.22	100.09 -7.28 22.67	95.02 -6.50 14.47	84.19 -5.28 0.00	51.88 -2.90 0.00	55.98 -3.26 0.00	48.60 -2.45 0.00	38.98 -1.62 0.00
NEG NORTH___ALICE_FALLS 23915	33.48 -1.29 1.05	29.33 -1.09 0.75	26.55 -0.95 0.54	25.37 -0.88 0.46	25.83 -0.90 0.49	27.37 -1.01 0.61	31.55 -0.80 0.90	35.39 -0.91 0.11	36.45 -0.97 1.23	44.62 -0.18 0.01	49.73 -2.63 2.33	55.61 -5.25 0.87	54.99 -4.94 8.65	59.23 -5.16 7.31	63.24 -5.46 8.25	109.77 -9.18 18.02	114.76 -8.55 19.13	105.10 -7.67 17.27	96.67 -6.96 12.35	83.83 -5.64 0.00	51.77 -3.01 0.00	55.86 -3.38 0.00	48.75 -2.30 0.00	39.43 -1.18 0.00
NEG NORTH___LWR_SARANAC 23913	33.48 -1.29 1.05	29.33 -1.09 0.75	26.55 -0.95 0.54	25.37 -0.88 0.46	25.83 -0.90 0.49	27.37 -1.01 0.61	31.55 -0.80 0.90	35.39 -0.91 0.11	36.45 -0.97 1.23	44.62 -0.18 0.01	49.73 -2.63 2.33	55.61 -5.25 0.87	54.99 -4.94 8.65	59.23 -5.16 7.31	63.24 -5.46 8.25	109.77 -9.18 18.02	114.76 -8.55 19.13	105.10 -7.67 17.27	96.67 -6.96 12.35	83.83 -5.64 0.00	51.77 -3.01 0.00	55.86 -3.38 0.00	48.75 -2.30 0.00	39.43 -1.18 0.00
NEG NORTH___PLATTSBURG 23628	33.48 -1.29 1.05	29.32 -1.09 0.75	26.55 -0.95 0.54	25.37 -0.88 0.46	25.83 -0.90 0.49	27.37 -1.02 0.61	31.55 -0.80 0.90	35.39 -0.91 0.11	36.45 -0.96 1.23	44.62 -0.18 0.01	49.73 -2.62 2.33	55.55 -5.31 0.87	56.63 -5.07 6.88	58.91 -5.23 7.55	63.16 -5.54 8.25	113.75 -9.32 13.90	119.28 -8.83 14.32	109.15 -7.80 13.09	96.55 -7.08 12.35	83.92 -5.55 0.00	51.82 -2.96 0.00	55.86 -3.37 0.00	48.75 -2.30 0.00	39.43 -1.18 0.00
NEG WEST_LEA_LOCKPORT 23791	35.54 -0.29 0.00	30.95 -0.22 0.00	27.87 -0.17 0.00	26.45 -0.27 0.00	26.92 -0.30 0.00	28.73 -0.26 0.00	32.91 -0.33 0.00	35.68 -0.73 0.00	38.22 -0.43 0.00	44.71 -0.09 0.00	54.85 0.16 0.00	62.23 0.49 0.00	69.33 0.75 0.00	71.77 0.07 0.00	76.95 0.00 0.00	131.90 -5.07 0.00	136.17 -6.27 0.00	124.31 -5.72 0.00	112.27 -3.71 0.00	88.57 -0.89 0.00	55.33 0.55 0.00	59.18 -0.06 0.00	49.57 -1.48 0.00	40.20 -0.41 0.00
NEG WEST___LANCASTR 23811	36.14 0.32 0.00	31.45 0.28 0.00	28.32 0.28 0.00	26.85 0.13 0.00	27.30 0.08 0.00	29.17 0.17 0.00	33.51 0.27 0.00	36.59 0.18 0.00	39.11 0.46 0.00	45.83 1.03 0.00	56.27 1.59 0.00	64.02 2.28 0.00	71.46 2.88 0.00	74.28 2.58 0.00	79.57 2.62 0.00	136.96 0.00 0.00	141.58 -0.85 0.00	129.26 -0.78 0.00	116.22 0.23 0.00	91.35 1.88 0.00	56.92 2.14 0.00	60.66 1.42 0.00	50.85 -0.20 0.00	40.97 0.37 0.00
NEG_PENN_ALLEGHNY 23528	37.43 0.97 -0.65	32.29 0.81 -0.32	28.90 0.76 -0.10	27.36 0.64 -0.01	27.91 0.65 -0.04	29.89 0.73 -0.16	34.70 0.93 -0.53	37.91 1.13 -0.37	40.64 1.27 -0.72	47.39 1.66 -0.93	58.32 2.13 -1.50	66.08 2.71 -1.63	73.74 3.29 -1.87	77.62 3.23 -2.70	83.49 3.47 -3.07	147.46 4.79 -5.71	152.58 4.69 -5.46	144.82 4.42 -10.36	132.13 4.06 -12.08	103.80 3.76 -10.58	65.21 2.58 -7.86	65.68 2.43 -4.01	53.36 1.58 -0.73	42.59 1.26 -0.73
NEG___GEN_MONROE 24207	36.18 0.36 0.00	31.38 0.22 0.00	28.29 0.25 0.00	26.85 0.13 0.00	27.41 0.19 0.00	29.23 0.23 0.00	33.61 0.37 0.00	36.63 0.22 0.00	39.07 0.43 0.00	45.70 0.90 0.00	56.00 1.31 0.00	63.46 1.73 0.00	70.77 2.19 0.00	73.49 1.79 0.00	78.80 1.85 0.00	136.83 -0.14 0.00	141.72 -0.71 0.00	129.39 -0.65 0.00	116.33 0.35 0.00	91.17 1.70 0.00	56.42 1.64 0.00	60.60 1.36 0.00	51.10 0.05 0.00	41.05 0.45 0.00
NEPA___ENERGY 23901	36.61 0.79 0.00	31.91 0.75 0.00	28.77 0.73 0.00	27.28 0.56 0.00	27.74 0.52 0.00	29.60 0.61 0.00	33.98 0.73 0.00	37.21 0.80 0.00	39.80 1.16 0.00	46.64 1.84 0.00	57.26 2.57 0.00	65.13 3.40 0.00	72.69 4.11 0.00	75.50 3.80 0.00	80.96 4.00 0.00	139.29 2.33 0.00	144.14 1.71 0.00	131.60 1.56 0.00	118.31 2.32 0.00	93.05 3.58 0.00	57.96 3.18 0.00	61.72 2.49 0.00	51.76 0.71 0.00	41.58 0.97 0.00

NEVERSINK___HYD 23608	37.79 1.97 0.00	32.91 1.74 0.00	29.50 1.46 0.00	28.02 1.31 0.00	28.52 1.31 0.00	30.44 1.45 0.00	34.84 1.60 0.00	38.52 2.11 0.00	41.08 2.44 0.00	47.27 2.46 0.00	57.86 3.17 0.00	65.31 3.58 0.00	72.62 4.05 0.00	76.22 4.52 0.00	81.65 4.69 0.00	148.71 9.73 -2.02	154.19 10.39 -1.36	156.01 9.88 -16.09	147.37 8.81 -22.57	116.36 6.35 -20.54	74.11 3.23 -16.09	69.85 3.43 -7.19	54.42 3.37 0.00	43.17 2.56 0.00
NEWKRMKL_115KV_TB1 55635	36.86 1.04 0.00	32.04 0.87 0.00	28.85 0.81 0.00	27.49 0.77 0.00	27.95 0.73 0.00	29.81 0.81 0.00	34.04 0.80 0.00	37.50 1.09 0.00	39.84 1.20 0.00	46.15 1.34 0.00	56.38 1.70 0.00	63.77 2.04 0.00	70.77 2.19 0.00	74.06 2.37 0.01	76.84 2.77 2.88	133.47 5.48 8.97	135.58 5.55 12.41	210.37 4.94 -75.39	233.62 4.06 -113.57	203.02 2.95 -110.60	150.78 1.59 -94.41	105.53 1.90 -44.40	52.94 1.89 0.00	42.07 1.46 0.00
NEWTON___FALLS_HYD 23847	26.80 -2.26 6.76	24.30 -1.93 4.94	22.63 -1.74 3.68	22.02 -1.50 3.20	22.33 -1.50 3.39	23.35 -1.57 4.08	25.87 -1.60 5.78	34.24 -1.75 0.42	28.63 -2.09 7.93	43.34 -2.24 -0.77	36.74 -3.01 14.94	53.70 -3.40 4.64	7.68 -4.73 56.17	21.26 -4.80 45.64	20.24 -5.23 51.48	11.87 -8.77 116.33	9.45 -8.97 124.01	9.76 -8.06 112.22	30.66 -6.96 78.36	86.59 -5.10 -2.22	53.94 -2.19 -1.35	57.86 -2.43 -1.06	49.25 -2.45 -0.65	39.15 -2.11 -0.65
NGRID_A1_DSASP 323792	35.03 -0.79 0.00	30.48 -0.69 0.00	27.48 -0.56 0.00	26.07 -0.64 0.00	26.54 -0.68 0.00	28.30 -0.70 0.00	32.41 -0.83 0.00	34.84 -1.56 0.00	37.52 -1.12 0.00	44.04 -0.76 0.00	53.87 -0.82 0.00	61.18 -0.56 0.00	68.58 0.00 0.00	70.69 -1.00 0.00	75.80 -1.15 0.00	129.84 -7.13 0.00	134.17 -8.26 0.00	122.49 -7.55 0.00	110.31 -5.68 0.00	86.87 -2.60 0.00	54.29 -0.49 0.00	58.11 -1.13 0.00	48.70 -2.35 0.00	39.55 -1.06 0.00
NGRID_A2_DSASP 323793	35.03 -0.79 0.00	30.48 -0.69 0.00	27.48 -0.56 0.00	26.07 -0.64 0.00	26.54 -0.68 0.00	28.30 -0.70 0.00	32.41 -0.83 0.00	34.84 -1.56 0.00	37.52 -1.12 0.00	44.04 -0.76 0.00	53.87 -0.82 0.00	61.18 -0.56 0.00	68.58 0.00 0.00	70.69 -1.00 0.00	75.80 -1.15 0.00	129.84 -7.13 0.00	134.17 -8.26 0.00	122.49 -7.55 0.00	110.31 -5.68 0.00	86.87 -2.60 0.00	54.29 -0.49 0.00	58.11 -1.13 0.00	48.70 -2.35 0.00	39.55 -1.06 0.00
NGRID_A4_DSASP 323807	35.03 -0.79 0.00	30.48 -0.69 0.00	27.48 -0.56 0.00	26.07 -0.64 0.00	26.54 -0.68 0.00	28.30 -0.70 0.00	32.41 -0.83 0.00	34.84 -1.56 0.00	37.52 -1.12 0.00	44.04 -0.76 0.00	53.87 -0.82 0.00	61.18 -0.56 0.00	68.58 0.00 0.00	70.69 -1.00 0.00	75.80 -1.15 0.00	129.84 -7.13 0.00	134.17 -8.26 0.00	122.49 -7.55 0.00	110.31 -5.68 0.00	86.87 -2.60 0.00	54.29 -0.49 0.00	58.11 -1.13 0.00	48.70 -2.35 0.00	39.55 -1.06 0.00
NIAGARA_115E_LBMP 323715	35.29 -0.54 0.00	30.76 -0.41 0.00	27.73 -0.31 0.00	26.29 -0.43 0.00	26.76 -0.46 0.00	28.53 -0.47 0.00	32.65 -0.60 0.00	35.17 -1.24 0.00	37.83 -0.81 0.00	44.40 -0.40 0.00	54.31 -0.38 0.00	61.67 -0.06 0.00	69.13 0.55 0.00	71.34 -0.36 0.00	76.50 -0.46 0.00	131.08 -5.89 0.00	135.46 -6.98 0.00	123.67 -6.37 0.00	111.34 -4.64 0.00	87.77 -1.70 0.00	54.83 0.05 0.00	58.64 -0.59 0.00	49.16 -1.89 0.00	39.84 -0.77 0.00
NIAGARA_115W_LBMP 323714	34.93 -0.89 0.00	30.42 -0.75 0.00	27.42 -0.62 0.00	25.99 -0.72 0.00	26.46 -0.76 0.00	28.21 -0.78 0.00	32.31 -0.93 0.00	34.77 -1.64 0.00	37.40 -1.24 0.00	43.91 -0.90 0.00	53.71 -0.98 0.00	61.00 -0.74 0.00	68.37 -0.21 0.00	70.48 -1.22 0.00	75.57 -1.38 0.00	129.43 -7.53 0.00	133.74 -8.69 0.00	122.10 -7.94 0.00	109.95 -6.04 0.00	86.70 -2.77 0.00	54.13 -0.65 0.00	57.93 -1.30 0.00	48.60 -2.45 0.00	39.43 -1.18 0.00
NIAGARA_230_LBMP 323716	35.43 -0.39 0.00	30.85 -0.31 0.00	27.81 -0.23 0.00	26.40 -0.32 0.00	26.84 -0.38 0.00	28.65 -0.35 0.00	32.78 -0.47 0.00	35.32 -1.09 0.00	37.99 -0.66 0.00	44.54 -0.27 0.00	54.52 -0.16 0.00	61.98 0.25 0.00	69.41 0.83 0.00	71.62 -0.07 0.00	76.80 -0.15 0.00	131.76 -5.20 0.00	136.17 -6.26 0.00	124.32 -5.72 0.00	111.82 -4.17 0.00	88.13 -1.34 0.00	55.00 0.22 0.00	58.88 -0.35 0.00	49.37 -1.68 0.00	40.00 -0.61 0.00
NIAGARA___115KV_198_GIBSON 55903	34.93 -0.90 0.00	30.42 -0.75 0.00	27.42 -0.62 0.00	25.99 -0.72 0.00	26.46 -0.76 0.00	28.21 -0.78 0.00	32.31 -0.93 0.00	34.88 -1.53 0.00	37.41 -1.24 0.00	43.77 -1.03 0.00	53.76 -0.93 0.00	61.05 -0.68 0.00	67.96 -0.62 0.00	70.33 -1.36 0.00	75.34 -1.62 0.00	129.16 -7.81 0.00	133.18 -9.26 0.00	121.58 -8.45 0.00	109.95 -6.03 0.00	86.79 -2.68 0.00	54.18 -0.60 0.00	57.93 -1.30 0.00	48.55 -2.50 0.00	39.43 -1.18 0.00
NIAGARA____ 23760	35.43 -0.39 0.00	30.85 -0.31 0.00	27.81 -0.23 0.00	26.40 -0.32 0.00	26.84 -0.38 0.00	28.65 -0.35 0.00	32.78 -0.47 0.00	35.32 -1.09 0.00	37.99 -0.66 0.00	44.54 -0.27 0.00	54.52 -0.16 0.00	61.98 0.25 0.00	69.41 0.83 0.00	71.62 -0.07 0.00	76.80 -0.15 0.00	131.76 -5.20 0.00	136.17 -6.26 0.00	124.32 -5.72 0.00	111.82 -4.17 0.00	88.13 -1.34 0.00	55.00 0.22 0.00	58.88 -0.35 0.00	49.37 -1.68 0.00	40.00 -0.61 0.00
NINE_MILE_1 23575	25.22 -0.86 9.74	25.54 -0.78 4.85	25.79 -0.70 1.55	25.92 -0.69 0.10	25.88 -0.71 0.63	25.79 -0.72 2.49	24.47 -0.80 7.97	29.93 -0.84 5.64	26.87 -0.89 10.89	29.83 -0.90 14.08	30.97 -1.04 22.68	36.02 -1.05 24.66	39.26 -1.03 28.30	29.79 -1.15 40.76	29.35 -1.23 46.37	59.91 -2.88 74.18	65.01 -3.13 74.29	66.47 -2.86 60.70	65.42 -2.44 48.13	50.38 -1.61 37.48	31.06 -0.88 22.84	40.33 -1.06 17.84	38.87 -1.17 11.01	28.67 -0.97 10.97
NINE_MILE_2 23744	25.07 -0.86 9.89	25.47 -0.78 4.92	25.76 -0.70 1.58	25.92 -0.69 0.10	25.87 -0.71 0.64	25.75 -0.72 2.52	24.35 -0.80 8.09	29.85 -0.84 5.73	26.70 -0.89 11.05	29.62 -0.90 14.29	30.63 -1.04 23.02	35.65 -1.05 25.03	38.83 -1.03 28.72	29.18 -1.15 41.37	28.65 -1.23 47.07	58.79 -2.88 75.30	63.89 -3.13 75.41	65.55 -2.86 61.62	64.69 -2.44 48.85	49.81 -1.61 38.05	30.71 -0.88 23.19	40.06 -1.06 18.11	38.70 -1.17 11.18	28.50 -0.97 11.13
NM_CAPITAL___DRP 24208	36.97 1.15 0.00	32.13 0.97 0.00	28.94 0.90 0.00	27.57 0.85 0.00	28.06 0.84 0.00	29.89 0.90 0.00	34.14 0.90 0.00	37.61 1.20 0.00	39.96 1.31 0.00	46.24 1.43 0.00	56.49 1.80 0.00	63.89 2.16 0.00	70.91 2.33 0.00	74.21 2.51 -0.01	88.86 2.85 -9.05	192.05 5.62 -49.47	192.36 5.84 -44.08	281.50 5.20 -146.26	312.22 4.29 -191.94	255.06 3.13 -162.46	182.33 1.70 -125.85	110.37 2.01 -49.12	53.04 1.99 0.00	42.15 1.54 0.00
NM_CENTRAL___DRP 24181	36.50 0.04 -0.64	31.39 -0.03 -0.25	28.01 -0.03 0.01	26.51 -0.08 0.12	27.08 -0.05 0.08	29.03 -0.03 -0.06	33.82 0.07 -0.51	37.04 0.11 -0.52	39.50 0.15 -0.70	46.48 0.31 -1.36	56.70 0.49 -1.52	64.68 0.80 -2.14	71.71 1.10 -2.04	76.66 1.00 -3.96	82.61 1.15 -4.50	143.61 1.10 -5.55	148.57 0.85 -5.29	135.04 0.78 -4.22	121.47 0.81 -4.67	94.09 0.98 -3.64	57.77 0.77 -2.22	61.56 0.59 -1.73	52.27 0.15 -1.07	41.71 0.04 -1.07

NM_FRONTIER___DRP 24179	34.93 -0.90 0.00	30.42 -0.75 0.00	27.42 -0.62 0.00	25.99 -0.72 0.00	26.46 -0.76 0.00	28.21 -0.78 0.00	32.31 -0.93 0.00	34.88 -1.53 0.00	37.41 -1.24 0.00	43.77 -1.03 0.00	53.76 -0.93 0.00	61.05 -0.68 0.00	67.96 -0.62 0.00	70.33 -1.36 0.00	75.34 -1.62 0.00	129.16 -7.81 0.00	133.18 -9.26 0.00	121.58 -8.45 0.00	109.95 -6.03 0.00	86.79 -2.68 0.00	54.18 -0.60 0.00	57.93 -1.30 0.00	48.55 -2.50 0.00	39.43 -1.18 0.00
NM_ST_REGIS___HYD 24053	24.20 -2.47 9.15	22.48 -2.12 6.56	21.37 -1.88 4.79	20.93 -1.68 4.10	21.13 -1.71 4.37	21.76 -1.88 5.35	23.51 -1.93 7.80	33.30 -2.29 0.81	25.36 -2.59 10.69	42.47 -2.64 -0.31	30.48 -3.94 20.27	49.58 -5.00 7.15	22.74 -5.90 39.95	44.44 -6.09 21.16	46.54 -6.54 23.87	39.75 -10.96 86.26	36.22 -10.97 95.24	35.21 -10.01 84.82	70.73 -8.93 36.33	83.42 -7.07 -1.01	51.62 -3.78 -0.62	55.63 -4.09 -0.48	47.77 -3.57 -0.30	38.10 -2.80 -0.30
NORTHPORT___1 23551	47.63 3.40 -8.40	46.45 3.15 -12.14	44.43 2.80 -13.59	40.09 2.62 -10.75	38.63 2.61 -8.79	39.57 2.84 -7.73	42.24 3.26 -5.74	45.68 4.11 -5.16	47.04 4.40 -3.99	48.52 3.72 0.00	55.78 4.27 3.17	67.12 4.75 -0.63	75.41 5.55 -1.28	81.80 6.23 -3.87	95.18 6.62 -11.61	164.67 13.28 -14.43	197.16 14.10 -40.62	197.52 12.88 -54.61	182.59 11.25 -55.36	127.69 7.78 -30.44	84.97 4.16 -26.02	70.08 4.56 -6.29	52.31 4.54 3.28	50.70 3.73 -6.36
NORTHPORT___2 23552	47.63 3.40 -8.40	46.45 3.15 -12.14	44.43 2.80 -13.59	40.09 2.62 -10.75	38.63 2.61 -8.79	39.57 2.84 -7.73	42.24 3.26 -5.74	45.68 4.11 -5.16	47.04 4.40 -3.99	48.52 3.72 0.00	52.31 4.27 6.65	52.31 4.75 14.18	52.34 5.55 21.79	52.38 6.23 25.55	52.38 6.62 31.19	53.01 13.28 97.24	53.01 14.10 103.53	74.15 12.88 68.76	74.15 11.25 53.08	74.15 7.78 23.10	55.57 4.16 3.37	52.32 4.56 11.48	52.31 4.54 3.28	50.70 3.73 -6.36
NORTHPORT___3 23553	47.12 2.90 -8.40	45.86 2.56 -12.14	43.98 2.36 -13.59	39.61 2.14 -10.75	38.11 2.10 -8.79	39.02 2.29 -7.73	41.54 2.56 -5.74	44.99 3.42 -5.16	46.27 3.63 -3.99	48.02 3.23 0.01	52.14 4.10 6.65	52.18 4.63 14.19	52.13 5.35 21.80	52.23 6.09 25.56	53.51 6.38 29.83	53.96 13.15 96.15	54.37 14.10 102.17	74.82 12.75 67.97	74.81 11.14 52.31	74.06 7.52 22.93	55.40 4.00 3.37	52.20 4.44 11.48	52.10 4.34 3.29	50.69 3.73 -6.35
NORTHPORT___4 23650	47.12 2.90 -8.40	45.86 2.56 -12.14	43.98 2.36 -13.59	39.61 2.14 -10.75	38.11 2.10 -8.79	39.02 2.29 -7.73	41.54 2.56 -5.74	44.99 3.42 -5.16	46.27 3.63 -3.99	48.02 3.23 0.01	52.14 4.10 6.65	52.18 4.63 14.19	52.13 5.35 21.80	52.23 6.09 25.56	53.51 6.38 29.83	53.96 13.15 96.15	54.37 14.10 102.17	74.82 12.75 67.97	74.81 11.14 52.31	74.06 7.52 22.93	55.40 4.00 3.37	52.20 4.44 11.48	52.10 4.34 3.29	50.69 3.73 -6.35
NORTHPORT___IC 23718	47.63 3.40 -8.40	46.45 3.15 -12.14	44.43 2.80 -13.59	40.09 2.62 -10.75	38.60 2.59 -8.79	39.57 2.84 -7.73	42.24 3.26 -5.74	45.65 4.08 -5.16	47.04 4.41 -3.99	48.75 3.94 0.00	52.31 4.27 6.65	52.31 4.75 14.18	52.41 5.62 21.79	52.45 6.31 25.55	52.38 6.62 31.19	53.15 13.42 97.24	53.15 14.24 103.53	74.28 13.00 68.76	74.15 11.25 53.08	74.24 7.87 23.10	53.12 4.16 5.82	52.32 4.56 11.48	52.31 4.54 3.28	50.70 3.74 -6.36
NORTH___COUNTRY_ESR 323785	32.48 -1.65 1.70	28.56 -1.40 1.21	25.91 -1.26 0.87	24.85 -1.12 0.74	25.26 -1.17 0.79	26.71 -1.30 0.98	30.54 -1.26 1.45	34.71 -1.53 0.17	35.04 -1.62 1.98	43.54 -1.25 0.01	48.08 -2.85 3.76	55.76 -4.57 1.41	54.10 -4.73 9.75	57.32 -4.88 9.50	62.02 -5.24 9.70	107.85 -8.90 20.21	112.53 -8.54 21.36	103.05 -7.67 19.32	94.61 -6.84 14.53	84.01 -5.46 0.00	51.77 -3.01 0.00	55.80 -3.44 0.00	48.45 -2.60 0.00	38.86 -1.74 0.00
NPX_GEN_1385_PROXY 323591	47.16 2.94 -8.40	45.86 2.56 -12.14	43.70 2.07 -13.59	39.55 2.09 -10.75	38.38 2.37 -8.79	39.25 2.52 -7.73	42.14 3.16 -5.74	45.14 3.57 -5.16	46.54 3.90 -3.99	47.92 3.90 0.77	57.18 5.52 3.03	65.84 6.17 2.07	78.85 7.68 -2.59	113.47 8.53 -33.25	128.09 9.00 -42.14	139.61 16.98 14.33	174.15 17.37 -14.35	178.02 15.86 -32.13	165.49 13.91 -35.59	127.29 10.55 -27.27	104.67 5.86 -44.03	69.58 5.92 -4.42	51.55 5.15 4.65	50.86 3.90 -6.36
NPX_GEN_CSC 323557	48.28 4.05 -8.41	46.79 3.49 -12.14	44.65 3.03 -13.59	40.27 2.80 -10.75	38.73 2.72 -8.79	39.71 2.99 -7.73	42.41 3.42 -5.74	45.97 4.40 -5.16	47.54 4.91 -3.99	48.70 4.66 0.77	69.55 5.69 -9.17	135.01 6.48 -66.79	144.82 7.48 -68.76	245.56 8.31 -165.55	238.39 8.54 -152.89	236.80 16.98 -82.85	279.81 17.51 -119.86	277.89 15.99 -131.86	259.02 14.03 -129.00	312.56 9.84 -213.25	341.98 5.64 -281.56	233.82 6.28 -168.30	63.42 5.77 -6.60	53.28 4.71 -7.97
NSINS_S_GLNS_FALLS 23858	38.26 2.44 0.00	33.16 1.99 0.00	29.75 1.71 0.00	28.34 1.63 0.00	28.82 1.61 0.00	30.85 1.86 0.00	35.27 2.03 0.00	38.78 2.37 0.00	41.31 2.67 0.00	48.25 3.45 0.00	58.63 3.94 0.00	66.73 5.00 0.00	74.27 5.69 0.00	77.44 5.74 -0.01	91.02 6.62 -7.45	201.30 12.05 -52.29	199.20 12.39 -44.38	347.16 11.44 -205.68	404.14 10.90 -277.25	339.98 8.59 -241.93	247.83 5.42 -187.63	143.05 5.86 -77.95	55.80 4.75 0.00	43.98 3.37 0.00
NUCOR_STEEL___DRP 24197	37.80 0.64 -1.33	32.28 0.50 -0.62	28.65 0.48 -0.14	26.98 0.35 0.08	27.63 0.41 0.00	29.73 0.46 -0.27	34.99 0.66 -1.08	38.09 0.80 -0.87	41.01 0.89 -1.48	48.20 1.16 -2.24	59.35 1.53 -3.13	67.51 2.04 -3.74	75.05 2.47 -4.00	80.61 2.44 -6.48	86.94 2.62 -7.37	151.16 3.56 -10.63	156.17 3.28 -10.46	141.76 3.25 -8.47	126.89 3.25 -7.65	98.56 3.13 -5.96	60.49 2.08 -3.63	63.97 1.90 -2.84	53.92 1.12 -1.75	43.08 0.73 -1.74
NUMBER_THREE_WT_PWR 323818	32.32 -1.00 2.50	28.40 -0.84 1.93	25.78 -0.73 1.53	24.88 -0.45 1.38	25.39 -0.38 1.44	26.99 -0.35 1.66	30.89 -0.20 2.16	36.37 -0.11 -0.07	35.38 -0.31 2.96	45.55 -0.22 -0.97	48.83 -0.38 5.48	60.52 -0.31 0.91	123.24 -0.41 -55.07	142.60 -0.29 -71.18	159.90 -0.46 -83.40	244.47 -0.82 -108.32	248.50 -0.99 -107.05	228.53 -0.52 -99.02	239.75 0.35 -123.42	93.01 0.89 -2.65	57.16 0.77 -1.61	61.21 0.71 -1.26	51.93 0.10 -0.78	41.18 -0.20 -0.77
NYISO_LBMP_REFERENCE 24008	35.82 0.00 0.00	31.16 0.00 0.00	28.04 0.00 0.00	26.71 0.00 0.00	27.22 0.00 0.00	29.00 0.00 0.00	33.24 0.00 0.00	36.41 0.00 0.00	38.64 0.00 0.00	44.80 0.00 0.00	54.69 0.00 0.00	61.73 0.00 0.00	68.58 0.00 0.00	71.70 0.00 0.00	76.95 0.00 0.00	136.96 0.00 0.00	142.43 0.00 0.00	130.04 0.00 0.00	115.99 0.00 0.00	89.47 0.00 0.00	54.78 0.00 0.00	59.23 0.00 0.00	51.05 0.00 0.00	40.61 0.00 0.00
NYPA_BRENTWD____GT 24164	48.38 4.15 -8.40	46.98 3.68 -12.14	44.88 3.25 -13.59	40.49 3.02 -10.75	38.98 2.97 -8.79	39.97 3.25 -7.73	42.70 3.72 -5.74	46.23 4.66 -5.16	47.74 5.10 -3.99	49.55 4.75 0.00	62.04 5.58 -1.77	81.74 5.93 -14.08	89.93 6.86 -14.49	114.26 7.68 -34.89	125.41 8.15 -40.30	186.87 16.15 -33.75	221.41 17.23 -61.75	274.00 15.73 -128.23	210.69 13.80 -80.91	165.51 9.67 -66.37	134.73 5.31 -74.64	105.74 5.81 -40.70	58.50 5.77 -1.68	52.07 4.67 -6.79

NYPA_GOWANUS____GT5 24156	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.74 4.09 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.04 5.31 0.00	73.99 5.42 0.01	77.93 6.23 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.15 13.54 -8.18	166.16 12.36 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.38 3.73 -12.88	70.60 4.38 -6.98	84.67 4.85 -28.77	44.71 4.10 0.00
NYPA_GOWANUS____GT6 24157	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.27 3.86 0.00	42.74 4.09 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.04 5.31 0.00	73.99 5.42 0.01	77.93 6.23 0.01	84.31 6.62 -0.73	159.15 13.15 -9.03	164.15 13.54 -8.18	166.16 12.36 -23.76	157.89 11.14 -30.77	122.78 7.70 -25.62	71.38 3.73 -12.88	70.60 4.38 -6.98	84.67 4.85 -28.77	44.71 4.10 0.00
NYPA_HARLEM__RVR__GT1 24160	39.27 3.44 -0.01	34.14 2.96 -0.01	30.68 2.63 -0.01	29.15 2.43 -0.01	29.57 2.34 -0.01	31.49 2.49 0.00	35.90 2.66 0.00	39.90 3.50 0.01	42.42 3.79 0.01	48.24 3.45 0.01	58.95 4.27 0.01	66.23 4.50 0.01	73.37 4.80 0.01	77.07 5.38 0.01	83.37 5.69 -0.72	157.63 11.64 -9.03	162.71 12.10 -8.18	164.98 11.18 -23.76	156.60 9.85 -30.76	121.97 6.89 -25.61	75.32 3.61 -16.93	70.42 4.21 -6.98	55.38 4.34 0.01	44.42 3.82 0.00
NYPA_HARLEM__RVR__GT2 24161	39.27 3.44 -0.01	34.14 2.96 -0.01	30.68 2.63 -0.01	29.15 2.43 -0.01	29.57 2.34 -0.01	31.49 2.49 0.00	35.90 2.66 0.00	39.90 3.50 0.01	42.42 3.79 0.01	48.24 3.45 0.01	58.95 4.27 0.01	66.23 4.50 0.01	73.37 4.80 0.01	77.07 5.38 0.01	83.37 5.69 -0.72	157.63 11.64 -9.03	162.71 12.10 -8.18	164.98 11.18 -23.76	156.60 9.85 -30.76	121.97 6.89 -25.61	75.32 3.61 -16.93	70.42 4.21 -6.98	55.38 4.34 0.01	44.42 3.82 0.00
NYPA_KENT____GT 24152	39.45 3.62 -0.01	34.26 3.09 -0.01	30.77 2.72 -0.01	29.20 2.48 0.00	29.65 2.42 -0.01	31.58 2.58 0.00	36.10 2.86 0.00	40.20 3.79 0.00	42.70 4.06 0.00	48.66 3.85 0.00	59.50 4.81 0.00	66.92 5.19 0.00	73.93 5.35 0.01	77.78 6.09 0.00	84.15 6.47 -0.73	158.87 12.87 -9.03	164.00 13.38 -8.18	166.02 12.22 -23.76	157.65 10.90 -30.77	122.60 7.52 -25.62	71.60 3.67 -13.15	70.54 4.32 -6.98	55.72 4.69 0.03	44.63 4.02 0.00
NYPA_POUCH1____GT 24155	39.41 3.58 -0.01	34.26 3.09 -0.01	30.80 2.75 -0.01	29.23 2.51 -0.01	29.70 2.48 -0.01	31.61 2.61 0.00	36.07 2.82 0.00	40.12 3.72 0.00	42.62 3.98 0.00	48.57 3.76 0.00	59.44 4.76 0.00	66.80 5.06 0.00	73.72 5.15 0.01	77.71 6.02 0.01	84.00 6.31 -0.73	158.74 12.74 -9.03	163.86 13.25 -8.18	165.89 12.10 -23.76	157.65 10.90 -30.77	122.51 7.42 -25.62	71.22 3.56 -12.88	70.42 4.21 -6.98	84.57 4.75 -28.77	44.55 3.94 0.00
NYPA_VERNON____GT2 24162	39.34 3.51 -0.01	34.17 2.99 -0.01	30.68 2.63 -0.01	29.12 2.41 0.00	29.59 2.37 -0.01	31.52 2.52 0.00	36.07 2.82 0.00	40.12 3.72 0.00	42.70 4.06 0.00	48.61 3.81 0.00	59.44 4.76 0.00	66.80 5.06 0.00	73.85 5.28 0.01	77.72 6.02 0.00	84.00 6.31 -0.73	158.87 12.87 -9.04	164.00 13.38 -8.18	166.02 12.22 -23.76	157.54 10.79 -30.77	122.51 7.42 -25.62	71.93 3.73 -13.43	70.54 4.32 -6.98	55.58 4.54 0.01	44.59 3.98 0.00
NYPA_VERNON____GT3 24163	39.34 3.51 -0.01	34.17 2.99 -0.01	30.68 2.63 -0.01	29.12 2.41 0.00	29.59 2.37 -0.01	31.52 2.52 0.00	36.07 2.82 0.00	40.12 3.72 0.00	42.70 4.06 0.00	48.61 3.81 0.00	59.44 4.76 0.00	66.80 5.06 0.00	73.85 5.28 0.01	77.72 6.02 0.00	84.00 6.31 -0.73	158.87 12.87 -9.04	164.00 13.38 -8.18	166.02 12.22 -23.76	157.54 10.79 -30.77	122.51 7.42 -25.62	71.93 3.73 -13.43	70.54 4.32 -6.98	55.58 4.54 0.01	44.59 3.98 0.00
NYPA____ASTORIA_CC1 323568	39.30 3.47 -0.01	34.14 2.96 -0.01	30.66 2.61 -0.01	29.09 2.38 0.00	29.54 2.31 -0.01	31.49 2.49 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.62 3.98 0.00	48.48 3.67 0.00	59.22 4.54 0.01	66.54 4.82 0.01	73.57 5.00 0.01	77.43 5.74 0.01	83.68 6.01 -0.72	158.33 12.33 -9.03	163.44 12.82 -8.18	165.51 11.71 -23.76	157.06 10.32 -30.76	122.15 7.07 -25.61	71.21 3.56 -12.88	70.36 4.15 -6.98	55.43 4.39 0.01	44.51 3.90 0.00
NYPA____ASTORIA_CC2 323569	39.30 3.47 -0.01	34.14 2.96 -0.01	30.66 2.61 -0.01	29.09 2.38 0.00	29.54 2.31 -0.01	31.49 2.49 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.62 3.98 0.00	48.48 3.67 0.00	59.22 4.54 0.01	66.54 4.82 0.01	73.57 5.00 0.01	77.43 5.74 0.01	83.68 6.01 -0.72	158.33 12.33 -9.03	163.44 12.82 -8.18	165.51 11.71 -23.76	157.06 10.32 -30.76	122.15 7.07 -25.61	71.21 3.56 -12.88	70.36 4.15 -6.98	55.43 4.39 0.01	44.51 3.90 0.00
NYPA____HOLTSVILL 23794	48.21 3.98 -8.41	46.79 3.49 -12.14	44.68 3.06 -13.59	40.30 2.83 -10.75	38.79 2.78 -8.79	39.77 3.04 -7.73	42.47 3.49 -5.74	46.01 4.44 -5.16	47.51 4.87 -3.99	49.34 4.52 -0.01	68.35 5.42 -8.25	133.38 6.05 -65.59	143.03 6.92 -67.53	241.95 7.68 -162.58	226.99 8.08 -141.96	242.67 15.88 -89.83	277.47 16.66 -118.38	276.80 15.08 -131.69	257.14 13.33 -127.82	308.84 9.48 -209.89	336.83 5.21 -276.85	229.10 5.81 -164.06	64.39 5.52 -7.83	53.10 4.55 -7.94
NYPA____HELLGATE_GT1 24158	39.27 3.44 -0.01	34.14 2.96 -0.01	30.68 2.63 -0.01	29.15 2.43 -0.01	29.57 2.34 -0.01	31.49 2.49 0.00	35.90 2.66 0.00	39.90 3.50 0.01	42.42 3.79 0.01	48.24 3.45 0.01	58.95 4.27 0.01	66.23 4.50 0.01	73.37 4.80 0.01	77.07 5.38 0.01	83.37 5.69 -0.72	157.63 11.64 -9.03	162.71 12.10 -8.18	164.98 11.18 -23.76	156.60 9.85 -30.76	121.97 6.89 -25.61	75.32 3.61 -16.93	70.42 4.21 -6.98	55.38 4.34 0.01	44.42 3.82 0.00
NYPA____HELLGATE_GT2 24159	39.27 3.44 -0.01	34.14 2.96 -0.01	30.68 2.63 -0.01	29.15 2.43 -0.01	29.57 2.34 -0.01	31.49 2.49 0.00	35.90 2.66 0.00	39.90 3.50 0.01	42.42 3.79 0.01	48.24 3.45 0.01	58.95 4.27 0.01	66.23 4.50 0.01	73.37 4.80 0.01	77.07 5.38 0.01	83.37 5.69 -0.72	157.63 11.64 -9.03	162.71 12.10 -8.18	164.98 11.18 -23.76	156.60 9.85 -30.76	121.97 6.89 -25.61	75.32 3.61 -16.93	70.42 4.21 -6.98	55.38 4.34 0.01	44.42 3.82 0.00
NYS_BARGE____HYD 23848	35.68 -0.14 0.00	31.04 -0.12 0.00	27.98 -0.06 0.00	26.56 -0.16 0.00	27.03 -0.19 0.00	28.85 -0.14 0.00	33.01 -0.23 0.00	35.68 -0.73 0.00	38.37 -0.27 0.00	45.07 0.27 0.00	55.02 0.33 0.00	62.48 0.74 0.00	70.02 1.44 0.00	72.27 0.57 0.00	77.50 0.54 0.00	132.86 -4.11 0.00	137.31 -5.12 0.00	125.48 -4.55 0.00	112.86 -3.13 0.00	88.85 -0.62 0.00	55.55 0.77 0.00	59.47 0.24 0.00	49.82 -1.23 0.00	40.37 -0.24 0.00
OAK ORCHARD____HYD 24046	36.18 0.36 0.00	31.38 0.22 0.00	28.29 0.25 0.00	26.88 0.16 0.00	27.41 0.19 0.00	29.23 0.23 0.00	33.54 0.30 0.00	36.56 0.15 0.00	39.07 0.43 0.00	45.75 0.94 0.00	56.00 1.31 0.00	63.65 1.92 0.00	71.25 2.67 0.00	73.92 2.23 0.00	79.34 2.39 0.00	138.06 1.09 0.00	142.86 0.43 0.00	130.69 0.65 0.00	117.03 1.04 0.00	91.35 1.88 0.00	56.64 1.86 0.00	60.65 1.42 0.00	51.15 0.10 0.00	40.93 0.32 0.00

OAKDALE___35_KV_LOAD 356122	37.24 0.79 -0.63	32.16 0.69 -0.31	28.76 0.62 -0.10	27.26 0.53 -0.01	27.80 0.54 -0.04	29.76 0.61 -0.16	34.52 0.76 -0.51	37.72 0.95 -0.36	40.39 1.04 -0.70	47.10 1.39 -0.91	57.95 1.80 -1.46	65.60 2.28 -1.59	73.14 2.74 -1.82	76.97 2.65 -2.62	82.86 2.92 -2.98	146.26 3.70 -5.60	151.48 3.70 -5.34	143.92 3.38 -10.51	131.59 3.25 -12.35	103.44 3.13 -10.84	65.04 2.19 -8.07	65.34 2.01 -4.10	53.04 1.28 -0.71	42.37 1.06 -0.71
OCC_CHEM___DRP 24175	35.03 -0.79 0.00	30.48 -0.69 0.00	27.48 -0.56 0.00	26.07 -0.64 0.00	26.51 -0.71 0.00	28.30 -0.70 0.00	32.41 -0.83 0.00	34.99 -1.42 0.00	37.52 -1.12 0.00	43.91 -0.90 0.00	53.87 -0.82 0.00	61.24 -0.49 0.00	68.17 -0.41 0.00	70.48 -1.22 0.00	75.57 -1.39 0.00	129.43 -7.53 0.00	133.60 -8.83 0.00	121.97 -8.06 0.00	110.19 -5.80 0.00	86.96 -2.51 0.00	54.34 -0.44 0.00	58.11 -1.13 0.00	48.70 -2.35 0.00	39.55 -1.06 0.00
OH_GEN_PROXY 24063	35.43 -0.39 0.00	30.85 -0.31 0.00	27.84 -0.19 0.00	26.40 -0.32 0.00	26.86 -0.35 0.00	28.65 -0.35 0.00	32.81 -0.43 0.00	35.39 -1.02 0.00	38.06 -0.58 0.00	43.85 -0.18 0.78	55.41 -0.05 -0.78	62.11 0.37 0.00	69.54 0.96 0.00	71.84 0.14 0.00	85.36 0.00 -8.41	123.76 -4.80 8.41	136.59 -5.85 0.00	124.83 -5.21 0.00	112.27 -3.72 0.00	88.40 -1.07 0.00	55.17 0.39 0.00	60.37 -0.24 -1.37	48.10 -1.58 1.37	40.04 -0.57 0.00
OLIN_CORP_DRP 24177	35.32 -0.50 0.00	30.79 -0.37 0.00	27.76 -0.28 0.00	26.34 -0.37 0.00	26.78 -0.44 0.00	28.59 -0.41 0.00	32.71 -0.53 0.00	35.35 -1.06 0.00	37.91 -0.73 0.00	44.35 -0.45 0.00	54.41 -0.27 0.00	61.80 0.06 0.00	68.85 0.27 0.00	71.27 -0.43 0.00	76.42 -0.54 0.00	130.94 -6.03 0.00	135.17 -7.26 0.00	123.40 -6.63 0.00	111.46 -4.52 0.00	88.04 -1.43 0.00	54.94 0.16 0.00	58.76 -0.47 0.00	49.21 -1.84 0.00	39.92 -0.69 0.00
OLIN_CORP_DSASP 323712	35.03 -0.79 0.00	30.48 -0.69 0.00	27.48 -0.56 0.00	26.07 -0.64 0.00	26.54 -0.68 0.00	28.30 -0.70 0.00	32.41 -0.83 0.00	34.84 -1.56 0.00	37.52 -1.12 0.00	44.04 -0.76 0.00	53.87 -0.82 0.00	61.18 -0.56 0.00	68.58 0.00 0.00	70.69 -1.00 0.00	75.80 -1.15 0.00	129.84 -7.13 0.00	134.17 -8.26 0.00	122.49 -7.55 0.00	110.31 -5.68 0.00	86.87 -2.60 0.00	54.29 -0.49 0.00	58.11 -1.13 0.00	48.70 -2.35 0.00	39.55 -1.06 0.00
ONEIDA_HERK_LFGE 323681	34.99 0.25 1.08	30.53 0.22 0.85	27.55 0.20 0.69	26.35 0.27 0.63	26.89 0.33 0.66	28.66 0.41 0.74	32.94 0.63 0.94	37.32 0.84 -0.07	38.13 0.77 1.29	46.32 0.98 -0.53	53.52 1.20 2.37	62.89 1.42 0.26	95.10 1.64 -24.88	105.73 1.79 -32.24	116.59 1.84 -37.80	189.29 3.28 -49.04	194.16 3.28 -48.45	177.92 3.12 -44.77	175.02 3.24 -55.79	93.78 2.86 -1.44	57.58 1.92 -0.88	61.94 2.02 -0.69	52.80 1.33 -0.42	41.92 0.89 -0.42
ONEIDA___115KV_TB4 55905	36.83 1.11 0.10	31.95 0.97 0.18	28.65 0.84 0.23	27.20 0.75 0.26	27.78 0.82 0.25	29.70 0.93 0.22	34.37 1.23 0.10	38.14 1.49 -0.23	40.01 1.51 0.14	47.42 1.88 -0.74	56.87 2.35 0.17	64.87 2.35 -0.79	80.39 2.61 -9.21	87.38 2.80 -12.89	94.52 3.00 -14.57	160.81 5.07 -18.78	166.03 5.13 -18.47	151.64 4.81 -16.79	141.44 4.76 -20.69	95.47 4.03 -1.97	58.67 2.68 -1.20	63.37 3.20 -0.94	53.93 2.30 -0.58	42.85 1.66 -0.58
ONONDAGA_REF_OCCRA 23987	36.68 -0.04 -0.89	31.46 -0.09 -0.39	28.00 -0.08 -0.05	26.47 -0.13 0.11	27.03 -0.14 0.05	29.05 -0.09 -0.14	33.93 -0.03 -0.72	37.09 0.04 -0.65	39.71 0.08 -0.99	46.76 0.27 -1.68	57.29 0.49 -2.11	65.20 0.74 -2.73	72.37 1.03 -2.76	77.58 1.00 -4.88	83.66 1.15 -5.56	145.62 1.23 -7.42	150.62 1.00 -7.19	136.73 0.91 -5.78	122.68 0.93 -5.77	95.03 1.07 -4.49	58.28 0.77 -2.74	61.90 0.53 -2.14	52.47 0.10 -1.32	41.92 0.00 -1.31
ONONDAGA___COGEN 23986	37.51 0.21 -1.48	31.97 0.12 -0.68	28.32 0.14 -0.14	26.67 0.05 0.09	27.29 0.08 0.01	29.41 0.12 -0.29	34.68 0.23 -1.20	37.71 0.33 -0.98	40.63 0.35 -1.64	47.89 0.58 -2.50	58.97 0.82 -3.47	67.08 1.17 -4.18	74.46 1.44 -4.44	80.38 1.43 -7.25	86.82 1.62 -8.25	150.70 1.92 -11.82	155.75 1.71 -11.61	141.00 1.56 -9.40	126.18 1.62 -8.57	97.75 1.61 -6.67	59.94 1.10 -4.07	63.36 0.95 -3.18	53.47 0.46 -1.96	42.80 0.24 -1.95
ONTARIO___LFGE 23819	37.25 0.86 -0.57	32.17 0.72 -0.29	28.83 0.70 -0.09	27.28 0.56 -0.01	27.83 0.57 -0.04	29.84 0.69 -0.15	34.64 0.93 -0.47	37.80 1.06 -0.33	40.48 1.20 -0.64	47.43 1.79 -0.83	58.27 2.24 -1.34	66.15 2.96 -1.46	74.09 3.84 -1.67	77.76 3.65 -2.40	83.46 3.77 -2.74	144.35 3.01 -4.38	149.66 2.85 -4.38	137.13 3.51 -3.58	123.12 4.29 -2.84	95.89 4.21 -2.21	59.30 3.18 -1.35	63.01 2.73 -1.05	53.08 1.38 -0.65	42.31 1.05 -0.65
ORANGEVILLE_WT_PWR 323706	36.18 0.36 0.00	31.44 0.28 0.00	28.35 0.31 0.00	26.88 0.16 0.00	27.36 0.14 0.00	29.17 0.18 0.00	33.58 0.33 0.00	36.56 0.15 0.00	39.11 0.47 0.00	45.79 0.98 0.00	56.06 1.37 0.00	63.58 1.85 0.00	71.25 2.67 0.00	73.85 2.15 0.00	79.34 2.39 0.00	136.83 -0.14 0.00	141.72 -0.71 0.00	129.65 -0.39 0.00	116.45 0.47 0.00	91.35 1.88 0.00	56.91 2.13 0.00	60.77 1.54 0.00	51.05 0.00 0.00	41.01 0.41 0.00
ORANGEVILLE___ESR 323794	36.18 0.36 0.00	31.44 0.28 0.00	28.35 0.31 0.00	26.88 0.16 0.00	27.36 0.14 0.00	29.17 0.18 0.00	33.58 0.33 0.00	36.56 0.15 0.00	39.11 0.47 0.00	45.79 0.98 0.00	56.06 1.37 0.00	63.58 1.85 0.00	71.25 2.67 0.00	73.85 2.15 0.00	79.34 2.39 0.00	136.83 -0.14 0.00	141.72 -0.71 0.00	129.65 -0.39 0.00	116.45 0.47 0.00	91.35 1.88 0.00	56.91 2.13 0.00	60.77 1.54 0.00	51.05 0.00 0.00	41.01 0.41 0.00
OSWEGATCHIE___HYD 24044	26.80 -2.26 6.76	24.30 -1.93 4.94	22.63 -1.74 3.68	22.02 -1.50 3.20	22.33 -1.50 3.39	23.35 -1.57 4.08	25.87 -1.60 5.78	34.24 -1.75 0.42	28.63 -2.09 7.93	43.34 -2.24 -0.77	36.74 -3.01 14.94	53.64 -3.46 4.64	8.55 -4.05 55.99	15.76 -4.08 51.85	21.01 -4.47 51.48	13.39 -7.67 115.91	10.93 -7.97 123.53	11.22 -7.02 111.79	31.83 -5.80 78.36	87.66 -4.02 -2.22	53.99 -2.14 -1.35	57.86 -2.43 -1.06	49.25 -2.45 -0.65	39.14 -2.11 -0.65
OSWEGO___5 23606	42.51 -0.57 -7.26	34.24 -0.53 -3.61	28.72 -0.48 -1.16	26.31 -0.48 -0.08	27.20 -0.49 -0.47	30.35 -0.49 -1.85	38.69 -0.50 -5.94	40.10 -0.51 -4.20	46.21 -0.54 -8.11	54.75 -0.54 -10.49	70.98 -0.60 -16.89	79.61 -0.50 -18.37	89.32 -0.34 -21.08	101.56 -0.50 -30.36	110.96 -0.53 -34.54	190.59 -1.64 -55.26	195.92 -1.86 -55.35	173.57 -1.69 -45.23	150.46 -1.39 -35.86	116.59 -0.81 -27.93	71.42 -0.38 -17.02	71.99 -0.53 -13.29	58.49 -0.76 -8.20	48.13 -0.65 -8.17
OSWEGO___6 23613	42.51 -0.57 -7.26	34.24 -0.53 -3.61	28.72 -0.48 -1.16	26.31 -0.48 -0.08	27.20 -0.49 -0.47	30.35 -0.49 -1.85	38.69 -0.50 -5.94	40.10 -0.51 -4.20	46.21 -0.54 -8.11	54.75 -0.54 -10.49	70.98 -0.60 -16.89	79.61 -0.50 -18.37	89.32 -0.34 -21.08	101.56 -0.50 -30.36	110.96 -0.53 -34.54	190.59 -1.64 -55.26	195.92 -1.86 -55.35	173.57 -1.69 -45.23	150.46 -1.39 -35.86	116.59 -0.81 -27.93	71.42 -0.38 -17.02	71.99 -0.53 -13.29	58.49 -0.76 -8.20	48.13 -0.65 -8.17

OUTOKUMPU-AB___DRP 24206	36.00 0.18 0.00	31.32 0.16 0.00	28.21 0.17 0.00	26.77 0.05 0.00	27.22 0.00 0.00	29.05 0.06 0.00	33.31 0.07 0.00	36.19 -0.22 0.00	38.80 0.15 0.00	45.30 0.49 0.00	55.56 0.88 0.00	63.09 1.36 0.00	70.36 1.78 0.00	72.92 1.22 0.00	78.11 1.15 0.00	133.95 -3.01 0.00	138.16 -4.27 0.00	126.26 -3.77 0.00	113.90 -2.09 0.00	89.74 0.27 0.00	55.99 1.21 0.00	59.89 0.65 0.00	50.13 -0.92 0.00	40.73 0.12 0.00
OXBOW___BTM 323836	35.46 -0.36 0.00	30.85 -0.31 0.00	27.79 -0.25 0.00	26.37 -0.35 0.00	26.84 -0.38 0.00	28.62 -0.38 0.00	32.81 -0.43 0.00	35.43 -0.98 0.00	38.14 -0.50 0.00	44.76 -0.04 0.00	54.63 -0.05 0.00	62.11 0.37 0.00	69.61 1.03 0.00	71.70 0.00 0.00	76.88 -0.08 0.00	131.76 -5.20 0.00	136.03 -6.41 0.00	124.32 -5.72 0.00	111.82 -4.17 0.00	88.03 -1.43 0.00	54.94 0.16 0.00	58.94 -0.29 0.00	49.37 -1.68 0.00	40.08 -0.53 0.00
OXBOW___ 24026	35.46 -0.36 0.00	30.85 -0.31 0.00	27.79 -0.25 0.00	26.37 -0.35 0.00	26.84 -0.38 0.00	28.62 -0.38 0.00	32.81 -0.43 0.00	35.57 -0.84 0.00	38.14 -0.50 0.00	44.53 -0.27 0.00	54.69 0.00 0.00	62.17 0.43 0.00	69.26 0.69 0.00	71.55 -0.14 0.00	76.65 -0.31 0.00	131.35 -5.62 0.00	135.60 -6.84 0.00	123.79 -6.24 0.00	111.81 -4.18 0.00	88.13 -1.34 0.00	55.00 0.22 0.00	58.94 -0.30 0.00	49.37 -1.68 0.00	40.08 -0.53 0.00
OXY_CHEM_DSASP 323612	35.03 -0.79 0.00	30.48 -0.69 0.00	27.48 -0.56 0.00	26.07 -0.64 0.00	26.51 -0.71 0.00	28.30 -0.70 0.00	32.41 -0.83 0.00	34.99 -1.42 0.00	37.52 -1.12 0.00	43.91 -0.90 0.00	53.87 -0.82 0.00	61.24 -0.49 0.00	68.17 -0.41 0.00	70.48 -1.22 0.00	75.57 -1.39 0.00	129.43 -7.53 0.00	133.60 -8.83 0.00	121.97 -8.06 0.00	110.19 -5.80 0.00	86.96 -2.51 0.00	54.34 -0.44 0.00	58.11 -1.13 0.00	48.70 -2.35 0.00	39.55 -1.06 0.00
OZONE_PARK_ESR 323760	39.58 3.76 0.00	34.37 3.21 0.00	30.84 2.80 0.00	29.28 2.56 0.00	29.72 2.50 0.00	31.69 2.70 0.00	36.30 3.06 0.00	40.38 3.97 0.00	43.09 4.44 0.00	49.28 4.48 0.00	60.38 5.69 0.00	67.84 6.11 0.00	75.16 6.58 0.00	79.08 7.38 0.00	85.46 7.77 -0.73	161.48 15.48 -9.04	166.86 16.24 -8.18	168.63 14.82 -23.77	159.86 13.11 -30.77	124.40 9.30 -25.62	76.48 4.77 -16.93	71.73 5.51 -6.99	56.51 5.46 0.00	45.12 4.51 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.03 -0.79 0.00	30.48 -0.69 0.00	27.48 -0.56 0.00	26.07 -0.64 0.00	26.51 -0.71 0.00	28.30 -0.70 0.00	32.41 -0.83 0.00	34.99 -1.42 0.00	37.52 -1.12 0.00	43.91 -0.90 0.00	53.87 -0.82 0.00	61.24 -0.49 0.00	68.17 -0.41 0.00	70.48 -1.22 0.00	75.57 -1.39 0.00	129.43 -7.53 0.00	133.60 -8.83 0.00	121.97 -8.06 0.00	110.19 -5.80 0.00	86.96 -2.51 0.00	54.34 -0.44 0.00	58.11 -1.13 0.00	48.70 -2.35 0.00	39.55 -1.06 0.00
PACKARD___115KV_DUPONT_184 80571	35.03 -0.79 0.00	30.48 -0.69 0.00	27.48 -0.56 0.00	26.07 -0.64 0.00	26.51 -0.71 0.00	28.30 -0.70 0.00	32.41 -0.83 0.00	34.99 -1.42 0.00	37.52 -1.12 0.00	43.91 -0.90 0.00	53.87 -0.82 0.00	61.24 -0.49 0.00	68.17 -0.41 0.00	70.48 -1.22 0.00	75.57 -1.39 0.00	129.43 -7.53 0.00	133.60 -8.83 0.00	121.97 -8.06 0.00	110.19 -5.80 0.00	86.96 -2.51 0.00	54.34 -0.44 0.00	58.11 -1.13 0.00	48.70 -2.35 0.00	39.55 -1.06 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.38 3.55 -0.01	34.20 3.02 -0.01	30.74 2.69 -0.01	29.21 2.48 -0.01	29.62 2.40 -0.01	31.49 2.49 0.00	35.90 2.66 0.00	39.90 3.50 0.00	42.47 3.83 0.00	48.30 3.49 0.00	59.00 4.32 0.01	66.29 4.57 0.01	73.51 4.94 0.01	77.21 5.52 0.01	83.46 5.77 -0.73	157.91 11.92 -9.03	163.00 12.39 -8.18	165.24 11.44 -23.76	156.72 9.97 -30.76	122.15 7.07 -25.62	75.38 3.67 -16.93	70.54 4.32 -6.98	55.48 4.44 0.01	44.55 3.94 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.81 3.98 -0.01	34.60 3.43 -0.01	31.10 3.06 -0.01	29.50 2.78 -0.01	29.92 2.69 -0.01	31.90 2.90 0.00	36.34 3.09 0.00	40.34 3.93 0.00	42.93 4.29 0.00	48.88 4.08 0.00	59.71 5.03 0.01	67.10 5.37 0.01	74.33 5.76 0.01	78.07 6.38 0.01	84.38 6.70 -0.73	159.56 13.56 -9.03	164.85 14.24 -8.18	166.93 13.13 -23.76	158.34 11.60 -30.76	123.41 8.32 -25.62	76.09 4.38 -16.93	71.25 5.03 -6.98	56.15 5.11 0.01	45.03 4.43 0.00
PATROON___115KV_TB1 80586	37.00 1.18 0.00	32.16 1.00 0.00	28.94 0.90 0.00	27.57 0.85 0.00	28.06 0.84 0.00	29.92 0.93 0.00	34.18 0.93 0.00	37.65 1.24 0.00	39.99 1.35 0.00	46.33 1.52 0.00	56.60 1.91 0.00	64.08 2.35 0.00	71.12 2.54 0.00	74.49 2.80 0.00	83.03 3.16 -2.92	164.03 6.16 -20.90	164.98 6.41 -16.14	254.82 5.59 -119.19	285.28 4.64 -164.66	240.39 3.40 -147.52	175.26 1.86 -118.61	112.10 2.19 -50.68	53.14 2.09 0.00	42.23 1.62 0.00
PATTRSNVILLE___SOLAR 323815	37.72 1.90 0.00	32.82 1.65 0.00	29.50 1.46 0.00	28.08 1.36 0.00	28.61 1.39 0.00	30.53 1.54 0.00	34.94 1.69 0.00	38.30 1.89 0.00	40.69 2.05 0.00	47.18 2.37 0.00	57.58 2.90 0.00	65.31 3.58 0.00	72.62 4.05 0.00	75.93 4.23 0.00	86.17 4.69 -4.53	185.57 8.63 -39.97	183.57 8.98 -32.16	336.60 8.45 -198.12	395.45 8.00 -271.47	336.77 6.17 -241.13	247.15 3.78 -188.60	143.99 4.08 -80.67	54.52 3.47 0.00	43.17 2.56 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.32 0.50 0.00	31.60 0.44 0.00	28.46 0.42 0.00	26.98 0.27 0.00	27.44 0.22 0.00	29.31 0.32 0.00	33.68 0.43 0.00	36.77 0.36 0.00	39.34 0.70 0.00	46.10 1.30 0.00	56.60 1.91 0.00	64.39 2.65 0.00	71.94 3.36 0.00	74.71 3.01 0.00	80.11 3.16 0.00	137.65 0.68 0.00	142.29 -0.14 0.00	129.91 -0.13 0.00	116.91 0.93 0.00	91.89 2.42 0.00	57.25 2.47 0.00	61.01 1.78 0.00	51.10 0.05 0.00	41.22 0.61 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.01 3.19 0.00	33.91 2.74 0.00	30.37 2.33 0.00	28.85 2.14 0.00	29.37 2.15 0.00	31.37 2.38 0.00	35.90 2.66 0.00	39.83 3.42 0.00	42.47 3.83 0.00	48.88 4.08 0.00	59.99 5.30 0.00	67.72 5.99 0.00	75.16 6.58 0.00	78.94 7.24 0.00	84.73 7.77 0.00	160.70 15.34 -8.40	166.35 16.38 -7.54	168.59 15.08 -23.47	159.59 12.99 -30.61	124.67 9.48 -25.72	75.32 5.04 -15.50	71.72 5.57 -6.92	56.26 5.21 0.00	44.67 4.06 0.00
PEEKSKILL___ 23653	38.65 2.83 0.00	33.63 2.46 0.00	30.20 2.16 0.00	28.69 1.98 0.00	29.15 1.93 0.00	31.11 2.12 0.00	35.57 2.33 0.00	39.50 3.09 0.00	42.08 3.44 0.00	48.25 3.45 0.00	59.12 4.43 0.00	66.67 4.94 0.00	73.86 5.28 0.00	77.65 5.95 0.00	83.89 6.23 -0.71	158.38 12.59 -8.83	163.67 13.25 -7.98	165.46 12.10 -23.33	156.65 10.44 -30.22	122.00 7.34 -25.19	75.34 3.89 -16.67	70.51 4.38 -6.89	55.34 4.29 0.00	44.10 3.49 0.00
PGE MADISON___WINDPWR 24146	39.75 3.26 -0.67	34.40 2.90 -0.33	30.62 2.47 -0.11	28.97 2.24 -0.01	29.71 2.45 -0.04	31.92 2.76 -0.17	37.35 3.56 -0.55	40.88 4.08 -0.39	43.34 3.94 -0.75	50.70 4.93 -0.97	62.11 5.85 -1.57	70.78 7.34 -1.70	79.04 8.50 -1.95	83.33 8.82 -2.81	89.54 9.39 -3.20	159.34 16.02 -6.36	165.05 16.66 -5.96	160.05 15.99 -14.02	148.29 15.19 -17.11	117.57 12.97 -15.13	74.57 8.38 -11.41	73.09 8.23 -5.62	57.73 5.92 -0.76	45.75 4.39 -0.76

PIERCEFIELD___HYD 23852	22.61 -2.69 10.52	21.34 -2.28 7.55	20.52 -2.02 5.51	20.18 -1.82 4.72	20.37 -1.82 5.03	20.84 -2.00 6.15	22.14 -2.13 8.98	32.96 -2.51 0.94	23.44 -2.90 12.30	42.09 -3.05 -0.34	27.10 -4.27 23.32	48.36 -5.12 8.25	17.17 -6.17 45.23	41.78 -6.38 23.53	43.56 -6.85 26.54	27.65 -11.51 97.81	22.63 -11.68 108.12	23.14 -10.66 96.24	66.08 -9.51 40.40	83.17 -7.43 -1.12	51.47 -4.00 -0.69	55.45 -4.32 -0.54	47.55 -3.83 -0.33	37.89 -3.05 -0.33
PINELAWN_CC_1 323563	48.09 3.87 -8.40	46.67 3.37 -12.14	44.60 2.97 -13.59	40.22 2.75 -10.75	38.73 2.72 -8.79	39.69 2.96 -7.73	42.34 3.36 -5.74	45.83 4.26 -5.16	47.31 4.67 -3.99	48.79 3.99 0.00	59.90 4.65 -0.56	71.45 5.24 -4.48	79.22 6.04 -4.61	89.61 6.81 -11.10	113.59 7.23 -29.41	181.34 14.66 -29.71	217.49 15.81 -59.25	276.79 14.43 -132.32	205.40 12.64 -76.77	138.93 8.77 -40.68	96.45 4.71 -36.95	82.16 5.21 -17.71	56.54 4.95 -0.53	51.41 4.22 -6.58
PJM_GEN_HTTP_PROXY 323702	39.08 3.26 0.00	33.94 2.77 0.00	30.48 2.44 0.00	28.93 2.22 0.00	29.37 2.15 0.00	31.34 2.35 0.00	35.90 2.66 0.00	39.94 3.53 0.00	42.54 3.90 0.00	47.92 3.90 0.78	60.44 4.98 -0.78	67.10 5.37 0.00	74.34 5.76 0.00	78.15 6.46 0.00	92.87 6.77 -9.14	151.16 13.56 -0.63	164.86 14.24 -8.18	166.68 12.88 -23.77	158.00 11.25 -30.77	122.97 7.88 -25.62	75.71 4.00 -16.93	72.22 4.62 -8.36	54.37 4.69 1.37	44.51 3.90 0.00
PJM_GEN_KEystone 24065	37.22 1.40 0.00	32.44 1.28 0.00	29.19 1.15 0.00	27.70 0.99 0.00	28.14 0.93 0.00	30.01 1.01 0.00	34.38 1.13 0.00	37.87 1.46 0.00	40.42 1.78 0.00	45.81 2.02 1.01	57.22 2.62 0.10	64.88 3.15 0.00	72.16 3.70 0.12	75.39 3.80 0.10	88.73 3.92 -7.85	137.50 5.75 5.22	151.11 5.98 -2.69	147.60 5.46 -12.11	137.33 4.87 -16.47	107.21 4.12 -13.62	65.68 2.63 -8.27	66.27 2.55 -4.49	51.03 1.89 1.91	42.35 1.74 0.00
PJM_GEN_NEPTUNE_PROXY 323594	43.67 3.33 -4.52	40.59 2.90 -6.52	37.89 2.55 -7.30	34.85 2.35 -5.78	34.26 2.31 -4.73	35.67 2.52 -4.15	39.15 2.82 -3.08	42.86 3.68 -2.77	44.81 4.02 -2.15	47.79 3.76 0.78	60.11 4.65 -0.78	67.04 5.31 0.00	74.54 5.96 0.00	78.37 6.67 0.00	93.09 7.00 -9.14	151.57 13.98 -0.63	179.70 14.95 -22.31	219.36 13.65 -75.67	175.02 11.84 -47.20	123.22 8.14 -25.61	77.41 4.38 -18.25	72.57 4.98 -8.36	54.58 4.90 1.37	48.11 4.02 -3.48
PJM_GEN_VFT_PROXY 323633	38.97 3.15 0.00	33.85 2.68 0.00	30.40 2.36 0.00	28.85 2.14 0.00	29.26 2.04 0.00	31.23 2.23 0.00	35.77 2.53 0.00	39.80 3.39 0.00	42.43 3.79 0.00	44.19 3.54 4.15	47.52 4.54 11.70	61.48 4.88 5.13	71.96 5.15 1.76	76.10 5.88 1.47	84.25 6.08 -1.22	126.58 12.59 22.97	140.26 13.10 15.27	140.70 11.96 1.29	133.59 10.44 -7.16	98.64 7.16 -2.01	60.34 3.56 -2.00	56.90 4.21 6.54	46.30 4.34 9.09	44.34 3.73 0.00
PLATSBURG_115KV_PMLD1 355749	33.60 -1.29 0.93	29.41 -1.09 0.66	26.58 -0.98 0.48	25.43 -0.88 0.41	25.86 -0.93 0.43	27.42 -1.04 0.54	31.59 -0.86 0.79	35.33 -0.98 0.10	36.55 -1.00 1.09	44.62 -0.18 0.01	49.83 -2.79 2.07	55.34 -5.62 0.77	55.27 -5.14 8.17	59.25 -5.38 7.07	63.28 -5.69 7.98	110.28 -9.72 16.96	115.22 -9.26 17.96	105.48 -8.32 16.23	96.62 -7.42 11.95	83.39 -6.08 0.00	51.44 -3.34 0.00	55.50 -3.73 0.00	48.60 -2.45 0.00	39.43 -1.18 0.00
PLEASANTVLY___LBMP 24000	38.22 2.40 0.00	33.25 2.09 0.00	29.89 1.85 0.00	28.42 1.71 0.00	28.91 1.69 0.00	30.82 1.83 0.00	35.21 1.96 0.00	39.03 2.62 0.00	41.54 2.90 0.00	47.71 2.91 0.00	58.41 3.72 0.00	65.87 4.14 0.00	73.11 4.53 0.00	76.72 5.02 0.00	83.15 5.31 -0.88	157.89 10.55 -10.38	162.98 11.11 -9.44	166.45 10.14 -26.28	158.53 8.70 -33.85	123.67 6.17 -28.02	76.38 3.23 -18.36	70.42 3.67 -7.51	54.73 3.68 0.00	43.57 2.96 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.72 2.90 0.00	33.66 2.49 0.00	30.23 2.19 0.00	28.75 2.03 0.00	29.21 1.99 0.00	31.14 2.15 0.00	35.64 2.39 0.00	39.58 3.17 0.00	42.16 3.52 0.00	48.39 3.58 0.00	59.23 4.54 0.00	66.73 5.00 0.00	74.07 5.49 0.00	77.79 6.09 0.00	84.16 6.46 -0.74	159.12 13.01 -9.15	164.53 13.82 -8.28	166.65 12.61 -24.00	157.84 10.79 -31.06	123.03 7.69 -25.86	75.86 4.00 -17.09	70.79 4.50 -7.05	55.44 4.39 0.00	44.18 3.57 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.72 2.90 0.00	33.66 2.49 0.00	30.23 2.19 0.00	28.75 2.03 0.00	29.21 1.99 0.00	31.14 2.15 0.00	35.64 2.39 0.00	39.58 3.17 0.00	42.16 3.52 0.00	48.39 3.58 0.00	59.23 4.54 0.00	66.73 5.00 0.00	74.07 5.49 0.00	77.79 6.09 0.00	84.16 6.46 -0.74	159.12 13.01 -9.15	164.53 13.82 -8.28	166.65 12.61 -24.00	157.84 10.79 -31.06	123.03 7.69 -25.86	75.86 4.00 -17.09	70.79 4.50 -7.05	55.44 4.39 0.00	44.18 3.57 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.54 2.72 0.00	33.53 2.37 0.00	30.11 2.07 0.00	28.64 1.92 0.00	29.12 1.91 0.00	31.05 2.06 0.00	35.50 2.26 0.00	39.32 2.91 0.00	41.89 3.25 0.00	48.21 3.41 0.00	59.06 4.38 0.00	66.61 4.88 0.00	74.00 5.42 0.00	77.72 6.02 0.00	84.08 6.31 -0.82	158.21 12.46 -8.79	163.40 13.10 -7.86	167.49 12.22 -25.23	159.55 10.55 -33.01	124.91 7.60 -27.83	78.06 4.00 -19.29	71.65 4.44 -7.97	55.34 4.29 0.00	43.98 3.37 0.00
POLETTI____ 23519	39.08 3.26 0.00	33.94 2.77 0.00	30.48 2.44 0.00	28.93 2.22 0.00	29.37 2.15 0.00	31.34 2.35 0.00	35.87 2.63 0.00	39.90 3.50 0.00	42.55 3.90 0.00	48.66 3.85 0.00	59.50 4.81 0.00	66.92 5.19 0.00	74.13 5.55 0.00	77.94 6.24 0.00	84.23 6.54 -0.73	159.29 13.29 -9.04	164.43 13.82 -8.18	166.42 12.61 -23.77	157.77 11.02 -30.77	122.79 7.69 -25.62	75.55 3.83 -16.93	70.73 4.50 -6.99	55.70 4.65 0.00	44.51 3.90 0.00
POMONA___ESR 323819	38.58 2.76 0.00	33.63 2.46 0.00	30.20 2.16 0.00	28.69 1.98 0.00	29.15 1.93 0.00	31.08 2.09 0.00	35.54 2.29 0.00	39.43 3.02 0.00	42.00 3.36 0.00	48.25 3.45 0.00	59.12 4.43 0.00	66.67 4.94 0.00	73.93 5.35 0.00	77.72 6.02 0.00	83.27 6.31 0.00	157.75 12.59 -8.19	163.07 13.25 -7.39	164.23 12.10 -22.10	155.00 10.32 -28.69	120.79 7.34 -23.98	72.84 3.89 -14.17	69.83 4.27 -6.33	55.29 4.23 0.00	44.02 3.41 0.00
PORT_JEFF_3 23555	48.25 4.01 -8.41	46.82 3.52 -12.14	44.71 3.08 -13.59	40.33 2.86 -10.75	38.82 2.80 -8.79	39.77 3.04 -7.73	42.47 3.49 -5.74	46.01 4.44 -5.16	47.54 4.91 -3.99	49.34 4.52 -0.01	68.49 5.20 -8.60	135.89 5.74 -68.41	145.39 6.38 -70.43	248.30 7.03 -169.57	232.09 7.39 -147.75	244.84 14.80 -93.08	279.67 15.53 -121.71	276.22 14.18 -132.01	258.92 12.42 -130.52	315.92 8.68 -217.78	347.47 4.76 -287.92	235.32 5.27 -170.82	64.52 5.31 -8.16	53.12 4.51 -8.01
PORT_JEFF_4 23616	48.25 4.01 -8.41	46.82 3.52 -12.14	44.71 3.08 -13.59	40.33 2.86 -10.75	38.82 2.80 -8.79	39.77 3.04 -7.73	42.47 3.49 -5.74	46.01 4.44 -5.16	47.54 4.91 -3.99	49.34 4.52 -0.01	68.49 5.20 -8.60	135.89 5.74 -68.41	145.39 6.38 -70.43	248.30 7.03 -169.57	232.09 7.39 -147.75	244.84 14.80 -93.08	279.67 15.53 -121.71	276.22 14.18 -132.01	258.92 12.42 -130.52	315.92 8.68 -217.78	347.47 4.76 -287.92	235.32 5.27 -170.82	64.52 5.31 -8.16	53.12 4.51 -8.01

PORT_JEFF_IC 23713	48.36 4.12 -8.42	46.89 3.58 -12.14	44.77 3.14 -13.59	40.35 2.89 -10.75	38.84 2.83 -8.79	39.83 3.10 -7.73	42.50 3.52 -5.74	46.05 4.48 -5.16	47.62 4.98 -3.99	49.65 4.84 -0.01	69.97 5.36 -9.92	146.41 5.80 -78.88	156.44 6.65 -81.20	274.51 7.31 -195.50	253.77 7.70 -169.12	257.21 15.20 -105.04	292.46 16.09 -133.93	277.87 14.69 -133.14	269.20 12.76 -140.46	345.53 9.04 -247.02	386.25 4.93 -326.54	260.56 5.45 -195.87	65.93 5.46 -9.41	53.52 4.67 -8.24
PPL PILGRIM_ST_GT1 24216	48.38 4.15 -8.40	46.98 3.68 -12.14	44.88 3.25 -13.59	40.49 3.02 -10.75	38.98 2.97 -8.79	39.97 3.25 -7.73	42.70 3.72 -5.74	46.23 4.66 -5.16	47.74 5.10 -3.99	49.55 4.75 0.00	62.04 5.58 -1.77	81.74 5.93 -14.08	89.93 6.86 -14.49	114.26 7.68 -34.89	125.41 8.15 -40.30	186.87 16.15 -33.75	221.41 17.23 -61.75	274.00 15.73 -128.23	210.69 13.80 -80.91	165.51 9.67 -66.37	134.73 5.31 -74.64	105.74 5.81 -40.70	58.50 5.77 -1.68	52.07 4.67 -6.79
PPL PILGRIM_ST_GT2 24217	48.38 4.15 -8.40	46.98 3.68 -12.14	44.88 3.25 -13.59	40.49 3.02 -10.75	38.98 2.97 -8.79	39.97 3.25 -7.73	42.70 3.72 -5.74	46.23 4.66 -5.16	47.74 5.10 -3.99	49.55 4.75 0.00	62.04 5.58 -1.77	81.74 5.93 -14.08	89.93 6.86 -14.49	114.26 7.68 -34.89	125.41 8.15 -40.30	186.87 16.15 -33.75	221.41 17.23 -61.75	274.00 15.73 -128.23	210.69 13.80 -80.91	165.51 9.67 -66.37	134.73 5.31 -74.64	105.74 5.81 -40.70	58.50 5.77 -1.68	52.07 4.67 -6.79
PPL_SHRM_GT3 24213	48.32 4.08 -8.41	46.86 3.55 -12.14	44.71 3.08 -13.59	40.30 2.83 -10.75	38.79 2.78 -8.79	39.77 3.04 -7.73	42.44 3.46 -5.74	46.01 4.44 -5.16	47.58 4.95 -3.99	49.52 4.70 -0.01	69.21 5.74 -8.79	138.21 6.61 -69.87	148.05 7.54 -71.93	253.26 8.38 -173.18	236.48 8.69 -150.83	249.05 17.26 -94.83	283.75 17.80 -123.51	278.52 16.25 -132.23	262.33 14.38 -131.96	321.43 10.11 -221.86	354.22 5.80 -293.63	239.99 6.46 -174.30	65.26 5.87 -8.34	53.39 4.75 -8.04
PPL_SHRM_GT4 24214	48.32 4.08 -8.41	46.86 3.55 -12.14	44.71 3.08 -13.59	40.30 2.83 -10.75	38.79 2.78 -8.79	39.77 3.04 -7.73	42.44 3.46 -5.74	46.01 4.44 -5.16	47.58 4.95 -3.99	49.52 4.70 -0.01	69.21 5.74 -8.79	138.21 6.61 -69.87	148.05 7.54 -71.93	253.26 8.38 -173.18	236.48 8.69 -150.83	249.05 17.26 -94.83	283.75 17.80 -123.51	278.52 16.25 -132.23	262.33 14.38 -131.96	321.43 10.11 -221.86	354.22 5.80 -293.63	239.99 6.46 -174.30	65.26 5.87 -8.34	53.39 4.75 -8.04
PROJECT___ORANGE 1 24174	36.50 0.04 -0.64	31.39 -0.03 -0.26	28.04 0.00 0.00	26.54 -0.05 0.12	27.09 -0.05 0.08	29.04 -0.03 -0.07	33.83 0.07 -0.52	37.07 0.15 -0.52	39.54 0.19 -0.71	46.52 0.36 -1.36	56.77 0.55 -1.53	64.74 0.86 -2.14	71.79 1.17 -2.05	76.79 1.15 -3.95	82.68 1.23 -4.49	143.91 1.37 -5.58	148.75 1.00 -5.32	135.19 0.91 -4.25	121.58 0.93 -4.66	94.18 1.07 -3.63	57.82 0.82 -2.21	61.61 0.65 -1.73	52.32 0.20 -1.07	41.71 0.04 -1.06
PROJECT___ORANGE 2 24166	36.50 0.04 -0.64	31.39 -0.03 -0.26	28.04 0.00 0.00	26.54 -0.05 0.12	27.09 -0.05 0.08	29.04 -0.03 -0.07	33.83 0.07 -0.52	37.07 0.15 -0.52	39.54 0.19 -0.71	46.52 0.36 -1.36	56.77 0.55 -1.53	64.74 0.86 -2.14	71.79 1.17 -2.05	76.79 1.15 -3.95	82.68 1.23 -4.49	143.91 1.37 -5.58	148.75 1.00 -5.32	135.19 0.91 -4.25	121.58 0.93 -4.66	94.18 1.07 -3.63	57.82 0.82 -2.21	61.61 0.65 -1.73	52.32 0.20 -1.07	41.71 0.04 -1.06
PUCKETT___SOLAR 323809	37.84 1.40 -0.62	32.69 1.21 -0.31	29.23 1.09 -0.10	27.68 0.96 -0.01	28.27 1.01 -0.04	30.28 1.13 -0.16	35.18 1.43 -0.51	38.41 1.64 -0.36	40.99 1.66 -0.69	47.76 2.06 -0.89	58.64 2.52 -1.44	66.45 3.15 -1.57	74.14 3.77 -1.80	78.01 3.73 -2.59	83.97 4.08 -2.94	148.87 6.17 -5.73	154.26 6.42 -5.41	148.29 6.24 -12.01	136.51 6.03 -14.50	107.63 5.37 -12.79	68.00 3.61 -9.61	67.50 3.49 -4.78	54.15 2.40 -0.70	43.17 1.87 -0.70
PYRITES___HYD 24023	22.70 -1.93 11.19	21.59 -1.56 8.02	20.80 -1.40 5.84	20.49 -1.23 5.00	20.66 -1.22 5.33	21.10 -1.36 6.53	22.37 -1.33 9.54	33.75 -1.64 1.02	23.55 -2.01 13.08	43.08 -2.02 -0.30	26.83 -3.06 24.80	49.31 -3.58 8.84	18.97 -4.46 45.15	45.47 -4.52 21.71	47.70 -4.77 24.48	30.70 -8.08 98.19	24.85 -8.55 109.03	25.38 -7.80 96.85	72.12 -6.61 37.26	85.49 -5.01 -1.03	52.94 -2.47 -0.63	57.00 -2.72 -0.49	48.75 -2.60 -0.30	38.80 -2.11 -0.30
QUAKERRD_115KV_BK1 80622	35.39 -0.43 0.00	30.73 -0.44 0.00	27.68 -0.36 0.00	26.29 -0.43 0.00	26.84 -0.38 0.00	28.62 -0.38 0.00	32.85 -0.40 0.00	35.90 -0.51 0.00	38.26 -0.39 0.00	44.71 -0.09 0.00	54.80 0.11 0.00	62.29 0.56 0.00	69.47 0.89 0.00	72.27 0.57 0.00	77.57 0.62 0.00	135.46 -1.51 0.00	140.30 -2.14 0.00	128.22 -1.82 0.00	114.94 -1.04 0.00	89.65 0.18 0.00	55.44 0.66 0.00	59.35 0.12 0.00	50.18 -0.87 0.00	40.08 -0.53 0.00
QUENSBRY_115KV_TB8 356137	38.26 2.44 0.00	33.13 1.96 0.00	29.75 1.71 0.00	28.34 1.63 0.00	28.82 1.61 0.00	30.85 1.86 0.00	35.27 2.03 0.00	38.78 2.37 0.00	41.35 2.70 0.00	48.34 3.54 0.00	58.68 3.99 0.00	66.86 5.12 0.00	74.41 5.83 0.00	77.51 5.81 -0.01	91.02 6.77 -7.30	200.83 12.19 -51.67	198.73 12.53 -43.76	347.30 11.70 -205.56	404.46 11.13 -277.33	340.57 8.86 -242.24	248.27 5.53 -187.96	143.44 5.98 -78.22	55.90 4.85 0.00	44.02 3.41 0.00
RAMAPO___LBMP 323565	38.40 2.58 0.00	33.47 2.31 0.00	30.06 2.02 0.00	28.56 1.84 0.00	29.01 1.80 0.00	30.97 1.97 0.00	35.37 2.13 0.00	39.25 2.84 0.00	41.81 3.17 0.00	48.03 3.23 0.00	58.79 4.10 0.00	66.30 4.57 0.00	73.59 5.01 0.00	77.29 5.59 0.00	82.80 5.85 0.00	156.72 11.64 -8.11	162.00 12.25 -7.32	163.28 11.31 -21.93	154.10 9.63 -28.49	120.09 6.80 -23.83	72.49 3.62 -14.09	69.50 3.97 -6.29	54.98 3.93 0.00	43.82 3.21 0.00
RANKINE____ 23646	36.32 0.50 0.00	31.60 0.44 0.00	28.46 0.42 0.00	27.01 0.29 0.00	27.46 0.24 0.00	29.31 0.32 0.00	33.64 0.40 0.00	36.66 0.25 0.00	39.26 0.62 0.00	45.97 1.16 0.00	56.44 1.75 0.00	64.14 2.41 0.00	71.60 3.02 0.00	74.28 2.58 0.00	79.65 2.69 0.00	136.69 -0.27 0.00	141.15 -1.28 0.00	129.00 -1.04 0.00	116.22 0.23 0.00	91.53 2.06 0.00	57.03 2.25 0.00	60.83 1.60 0.00	50.95 -0.10 0.00	41.18 0.57 0.00
RAVENSWOOD_GT2_1 24244	39.12 3.30 0.00	34.00 2.84 0.00	30.54 2.50 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.40 2.41 0.00	35.94 2.69 0.00	39.94 3.53 0.00	42.58 3.94 0.00	48.70 3.90 0.00	59.56 4.87 0.00	66.92 5.19 0.00	74.13 5.55 0.00	77.94 6.24 0.00	84.23 6.54 -0.73	159.29 13.29 -9.04	164.43 13.82 -8.18	166.42 12.61 -23.77	157.77 11.02 -30.77	122.79 7.69 -25.62	75.60 3.89 -16.93	70.73 4.50 -6.99	55.70 4.65 0.00	44.55 3.94 0.00
RAVENSWOOD_GT2_2 24245	39.12 3.30 0.00	34.00 2.84 0.00	30.54 2.50 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.40 2.41 0.00	35.94 2.69 0.00	39.94 3.53 0.00	42.58 3.94 0.00	48.70 3.90 0.00	59.56 4.87 0.00	66.92 5.19 0.00	74.13 5.55 0.00	77.94 6.24 0.00	84.23 6.54 -0.73	159.29 13.29 -9.04	164.43 13.82 -8.18	166.42 12.61 -23.77	157.77 11.02 -30.77	122.79 7.69 -25.62	75.60 3.89 -16.93	70.73 4.50 -6.99	55.70 4.65 0.00	44.55 3.94 0.00

RAVENSWOOD_GT2_3 24246	39.15 3.33 0.00	34.03 2.87 0.00	30.54 2.50 0.00	29.01 2.30 0.00	29.45 2.23 0.00	31.40 2.41 0.00	35.97 2.73 0.00	39.98 3.57 0.00	42.62 3.98 0.00	48.70 3.90 0.00	59.61 4.92 0.00	66.98 5.25 0.00	74.20 5.62 0.00	78.01 6.31 0.00	84.30 6.62 -0.73	159.43 13.42 -9.04	164.58 13.96 -8.18	166.55 12.74 -23.77	157.89 11.13 -30.77	122.88 7.78 -25.62	75.66 3.94 -16.93	70.78 4.56 -6.99	55.75 4.70 0.00	44.55 3.94 0.00
RAVENSWOOD_GT2_4 24247	39.15 3.33 0.00	34.03 2.87 0.00	30.54 2.50 0.00	29.01 2.30 0.00	29.45 2.23 0.00	31.40 2.41 0.00	35.97 2.73 0.00	39.98 3.57 0.00	42.62 3.98 0.00	48.70 3.90 0.00	59.61 4.92 0.00	66.98 5.25 0.00	74.20 5.62 0.00	78.01 6.31 0.00	84.30 6.62 -0.73	159.43 13.42 -9.04	164.58 13.96 -8.18	166.55 12.74 -23.77	157.89 11.13 -30.77	122.88 7.78 -25.62	75.66 3.94 -16.93	70.78 4.56 -6.99	55.75 4.70 0.00	44.55 3.94 0.00
RAVENSWOOD_GT3_1 24248	39.15 3.33 0.00	34.00 2.84 0.00	30.54 2.50 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.40 2.41 0.00	35.94 2.69 0.00	39.94 3.53 0.00	42.58 3.94 0.00	48.70 3.90 0.00	59.56 4.87 0.00	66.92 5.19 0.00	74.13 5.55 0.00	77.94 6.24 0.00	84.23 6.54 -0.73	159.29 13.29 -9.04	164.58 13.96 -8.18	166.55 12.74 -23.77	157.77 11.02 -30.77	122.79 7.69 -25.62	75.66 3.94 -16.93	70.78 4.56 -6.99	55.70 4.65 0.00	44.55 3.94 0.00
RAVENSWOOD_GT3_2 24249	39.15 3.33 0.00	34.00 2.84 0.00	30.54 2.50 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.40 2.41 0.00	35.94 2.69 0.00	39.94 3.53 0.00	42.58 3.94 0.00	48.70 3.90 0.00	59.56 4.87 0.00	66.92 5.19 0.00	74.13 5.55 0.00	77.94 6.24 0.00	84.23 6.54 -0.73	159.29 13.29 -9.04	164.58 13.96 -8.18	166.55 12.74 -23.77	157.77 11.02 -30.77	122.79 7.69 -25.62	75.66 3.94 -16.93	70.78 4.56 -6.99	55.70 4.65 0.00	44.55 3.94 0.00
RAVENSWOOD_GT3_3 24250	39.22 3.40 0.00	34.06 2.90 0.00	30.59 2.55 0.00	29.04 2.32 0.00	29.48 2.26 0.00	31.43 2.44 0.00	36.00 2.76 0.00	40.01 3.60 0.00	42.66 4.02 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.27 5.69 0.00	78.15 6.45 0.00	84.46 6.77 -0.73	159.57 13.56 -9.04	164.86 14.24 -8.18	166.81 13.00 -23.77	158.12 11.37 -30.77	123.05 7.96 -25.62	75.77 4.05 -16.93	70.90 4.68 -6.99	55.85 4.80 0.00	44.63 4.02 0.00
RAVENSWOOD_GT3_4 24251	39.22 3.40 0.00	34.06 2.90 0.00	30.59 2.55 0.00	29.04 2.32 0.00	29.48 2.26 0.00	31.43 2.44 0.00	36.00 2.76 0.00	40.01 3.60 0.00	42.66 4.02 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.10 5.37 0.00	74.27 5.69 0.00	78.15 6.45 0.00	84.46 6.77 -0.73	159.57 13.56 -9.04	164.86 14.24 -8.18	166.81 13.00 -23.77	158.12 11.37 -30.77	123.05 7.96 -25.62	75.77 4.05 -16.93	70.90 4.68 -6.99	55.85 4.80 0.00	44.63 4.02 0.00
RAVENSWOOD_GT_1 23729	39.34 3.51 -0.01	34.17 2.99 -0.01	30.68 2.64 -0.01	29.12 2.40 0.00	29.60 2.37 -0.01	31.52 2.52 0.00	36.07 2.83 0.00	40.12 3.71 0.00	42.70 4.06 0.00	48.66 3.85 0.00	59.39 4.70 0.00	66.73 5.00 0.00	73.92 5.35 0.01	77.71 6.02 0.00	84.00 6.31 -0.73	158.87 12.87 -9.04	164.00 13.39 -8.18	166.02 12.22 -23.76	157.54 10.79 -30.77	122.60 7.52 -25.62	71.93 3.73 -13.43	70.54 4.32 -6.98	55.58 4.54 0.01	44.59 3.98 0.00
RAVENSWOOD_GT_10 24258	39.12 3.30 0.00	34.00 2.84 0.00	30.53 2.50 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.40 2.41 0.00	35.94 2.69 0.00	39.94 3.53 0.00	42.58 3.94 0.00	48.70 3.90 0.00	59.56 4.87 0.00	66.92 5.19 0.00	74.13 5.55 0.00	78.01 6.31 0.00	84.30 6.62 -0.73	159.29 13.29 -9.04	164.58 13.96 -8.18	166.55 12.74 -23.77	157.77 11.02 -30.77	122.88 7.78 -25.62	75.25 3.94 -16.53	70.78 4.56 -6.99	55.75 4.70 0.00	44.55 3.94 0.00
RAVENSWOOD_GT_11 24259	39.12 3.30 0.00	34.00 2.84 0.00	30.53 2.50 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.40 2.41 0.00	35.94 2.69 0.00	39.94 3.53 0.00	42.58 3.94 0.00	48.70 3.90 0.00	59.56 4.87 0.00	66.92 5.19 0.00	74.13 5.55 0.00	78.01 6.31 0.00	84.30 6.62 -0.73	159.29 13.29 -9.04	164.58 13.96 -8.18	166.55 12.74 -23.77	157.77 11.02 -30.77	122.88 7.78 -25.62	75.25 3.94 -16.53	70.78 4.56 -6.99	55.75 4.70 0.00	44.55 3.94 0.00
RAVENSWOOD_GT_4 24252	39.11 3.30 0.01	33.96 2.80 0.01	30.50 2.47 0.01	28.96 2.24 0.00	29.42 2.20 0.01	31.37 2.38 0.00	35.94 2.69 0.00	39.94 3.53 0.00	42.58 3.94 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.27 5.69 0.00	78.07 6.38 0.00	84.38 6.70 -0.73	159.42 13.42 -9.04	164.71 14.10 -8.18	166.67 12.87 -23.77	158.00 11.25 -30.77	122.96 7.87 -25.62	73.04 4.00 -14.26	70.84 4.62 -6.98	55.79 4.75 0.01	44.55 3.94 0.00
RAVENSWOOD_GT_5 24254	39.11 3.30 0.01	33.96 2.80 0.01	30.50 2.47 0.01	28.96 2.24 0.00	29.42 2.20 0.01	31.37 2.38 0.00	35.94 2.69 0.00	39.94 3.53 0.00	42.58 3.94 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.27 5.69 0.00	78.07 6.38 0.00	84.38 6.70 -0.73	159.42 13.42 -9.04	164.71 14.10 -8.18	166.67 12.87 -23.77	158.00 11.25 -30.77	122.96 7.87 -25.62	73.04 4.00 -14.26	70.84 4.62 -6.98	55.79 4.75 0.01	44.55 3.94 0.00
RAVENSWOOD_GT_6 24253	39.11 3.30 0.01	33.96 2.80 0.01	30.50 2.47 0.01	28.96 2.24 0.00	29.42 2.20 0.01	31.37 2.38 0.00	35.94 2.69 0.00	39.94 3.53 0.00	42.58 3.94 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.27 5.69 0.00	78.07 6.38 0.00	84.38 6.70 -0.73	159.42 13.42 -9.04	164.71 14.10 -8.18	166.67 12.87 -23.77	158.00 11.25 -30.77	122.96 7.87 -25.62	73.04 4.00 -14.26	70.84 4.62 -6.98	55.79 4.75 0.01	44.55 3.94 0.00
RAVENSWOOD_GT_7 24255	39.11 3.30 0.01	33.96 2.80 0.01	30.50 2.47 0.01	28.96 2.24 0.00	29.42 2.20 0.01	31.37 2.38 0.00	35.94 2.69 0.00	39.94 3.53 0.00	42.58 3.94 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.27 5.69 0.00	78.07 6.38 0.00	84.38 6.70 -0.73	159.42 13.42 -9.04	164.71 14.10 -8.18	166.67 12.87 -23.77	158.00 11.25 -30.77	122.96 7.87 -25.62	73.04 4.00 -14.26	70.84 4.62 -6.98	55.79 4.75 0.01	44.55 3.94 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.12 3.30 0.00	34.00 2.84 0.00	30.53 2.50 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.40 2.41 0.00	35.94 2.69 0.00	39.94 3.53 0.00	42.58 3.94 0.00	48.70 3.90 0.00	59.56 4.87 0.00	66.92 5.19 0.00	74.13 5.55 0.00	78.01 6.31 0.00	84.30 6.62 -0.73	159.29 13.29 -9.04	164.58 13.96 -8.18	166.55 12.74 -23.77	157.77 11.02 -30.77	122.88 7.78 -25.62	75.25 3.94 -16.53	70.78 4.56 -6.99	55.75 4.70 0.00	44.55 3.94 0.00
RAVENSWOOD_GT_9 24257	39.12 3.30 0.00	34.00 2.84 0.00	30.53 2.50 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.40 2.41 0.00	35.94 2.69 0.00	39.94 3.53 0.00	42.58 3.94 0.00	48.70 3.90 0.00	59.56 4.87 0.00	66.92 5.19 0.00	74.13 5.55 0.00	78.01 6.31 0.00	84.30 6.62 -0.73	159.29 13.29 -9.04	164.58 13.96 -8.18	166.55 12.74 -23.77	157.77 11.02 -30.77	122.88 7.78 -25.62	75.25 3.94 -16.53	70.78 4.56 -6.99	55.75 4.70 0.00	44.55 3.94 0.00

RAVENSWOOD___1 23533	39.30 3.47 -0.01	34.14 2.96 -0.01	30.66 2.61 -0.01	29.12 2.41 0.00	29.57 2.34 -0.01	31.49 2.49 0.00	36.04 2.79 0.00	40.12 3.72 0.00	42.66 4.02 0.00	48.57 3.76 0.00	59.39 4.70 0.00	66.73 5.00 0.00	73.78 5.21 0.01	77.64 5.95 0.01	83.92 6.23 -0.73	158.74 12.74 -9.03	163.86 13.25 -8.18	165.89 12.10 -23.76	157.42 10.66 -30.77	122.42 7.34 -25.62	71.33 3.67 -12.88	70.48 4.27 -6.98	55.54 4.49 0.01	44.55 3.94 0.00
RAVENSWOOD___2 23534	39.23 3.40 -0.01	34.07 2.90 -0.01	30.60 2.55 -0.01	29.04 2.32 0.00	29.48 2.26 -0.01	31.43 2.44 0.00	35.94 2.69 0.00	40.01 3.61 0.00	42.59 3.94 0.00	48.30 3.50 0.00	58.90 4.21 0.00	66.18 4.45 0.00	73.17 4.60 0.01	77.00 5.31 0.01	83.23 5.54 -0.73	157.51 11.51 -9.03	162.58 11.97 -8.18	164.72 10.92 -23.76	156.37 9.62 -30.77	121.61 6.53 -25.62	70.88 3.23 -12.87	69.95 3.73 -6.98	55.18 4.13 0.01	44.47 3.86 0.00
RAVENSWOOD___3 23535	39.15 3.33 0.00	34.00 2.84 0.00	30.53 2.49 0.00	28.98 2.27 0.00	29.42 2.20 0.00	31.40 2.41 0.00	35.94 2.69 0.00	39.98 3.57 0.00	42.59 3.94 0.00	48.66 3.85 0.00	59.55 4.87 0.00	66.98 5.24 0.00	74.07 5.49 0.00	77.93 6.23 0.00	84.22 6.54 -0.73	159.29 13.28 -9.04	164.43 13.81 -8.18	166.42 12.61 -23.77	157.78 11.02 -30.77	122.79 7.70 -25.62	75.60 3.89 -16.93	70.79 4.56 -6.99	55.70 4.64 0.00	44.55 3.94 0.00
RAVENSWOOD___4 23820	39.27 3.44 -0.01	34.13 2.96 -0.01	30.62 2.58 -0.01	29.09 2.38 0.00	29.54 2.31 -0.01	31.46 2.46 0.00	36.00 2.76 0.00	40.09 3.68 0.00	42.62 3.98 0.00	48.52 3.72 0.00	59.33 4.65 0.00	66.67 4.94 0.00	73.72 5.15 0.01	77.57 5.88 0.01	83.84 6.16 -0.73	158.59 12.59 -9.03	163.71 13.10 -8.18	165.75 11.96 -23.76	157.31 10.55 -30.77	122.33 7.24 -25.61	70.72 3.61 -12.33	70.48 4.27 -6.98	55.54 4.49 0.00	44.55 3.94 0.00
RCPL_TRUST___DRP 24196	39.15 3.33 0.00	34.00 2.84 0.00	30.54 2.50 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.40 2.41 0.00	35.97 2.73 0.00	40.01 3.60 0.00	42.66 4.02 0.00	48.88 4.08 0.00	59.83 5.14 0.00	67.29 5.56 0.00	74.55 5.97 0.00	78.44 6.74 0.00	84.69 7.00 -0.73	160.11 14.11 -9.04	165.29 14.67 -8.18	167.20 13.39 -23.77	158.35 11.60 -30.77	123.23 8.14 -25.62	75.88 4.16 -16.93	70.96 4.74 -6.99	55.90 4.85 0.00	44.59 3.98 0.00
RED___ROCHESTER 323720	36.47 0.65 0.00	31.60 0.44 0.00	28.49 0.45 0.00	27.04 0.32 0.00	27.60 0.38 0.00	29.43 0.44 0.00	33.77 0.53 0.00	36.85 0.44 0.00	39.37 0.73 0.00	46.15 1.34 0.00	56.49 1.80 0.00	64.27 2.53 0.00	72.01 3.43 0.00	74.78 3.08 0.00	80.26 3.31 0.00	139.70 2.74 0.00	144.57 2.14 0.00	132.24 2.21 0.00	118.43 2.44 0.00	92.42 2.95 0.00	57.25 2.47 0.00	61.25 2.02 0.00	51.56 0.51 0.00	41.26 0.65 0.00
REGAN___SOLAR 323812	40.84 5.01 0.00	35.47 4.30 0.00	31.77 3.73 0.00	30.21 3.50 0.00	30.84 3.62 0.00	33.09 4.09 0.00	37.93 4.69 0.00	41.36 4.95 0.00	43.90 5.25 0.00	51.48 6.68 0.00	62.67 7.98 0.00	71.86 10.12 0.00	80.24 11.66 0.00	83.61 11.90 0.00	94.62 13.62 -4.05	197.78 24.93 -35.89	197.51 26.21 -28.87	332.97 25.10 -177.84	382.98 23.32 -243.68	324.06 18.16 -216.44	235.13 11.12 -169.24	143.36 11.73 -72.40	60.39 9.34 0.00	47.27 6.66 0.00
RENSSELAER___COGEN 23796	36.68 0.86 0.00	31.91 0.75 0.00	28.74 0.70 0.00	27.38 0.67 0.00	27.87 0.65 0.00	29.72 0.73 0.00	33.91 0.66 0.00	37.39 0.98 0.00	39.65 1.00 0.00	45.83 1.03 0.00	55.95 1.26 0.00	63.21 1.48 0.00	70.16 1.58 0.00	73.38 1.72 0.03	52.91 1.92 25.97	14.63 4.11 126.44	21.50 4.42 125.35	52.91 3.77 80.90	54.91 3.01 64.08	78.94 2.14 12.67	73.20 1.10 -17.32	88.62 1.36 -28.02	52.53 1.48 0.00	41.83 1.22 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.66 4.84 0.00	35.19 4.02 0.00	31.52 3.48 0.00	30.03 3.31 0.00	30.54 3.32 0.00	32.77 3.77 0.00	37.53 4.29 0.00	41.22 4.81 0.00	44.05 5.41 0.00	51.93 7.12 0.00	63.11 8.42 0.00	72.17 10.43 0.00	80.24 11.66 0.00	83.61 11.90 -0.01	98.03 13.62 -7.45	213.65 24.38 -52.31	211.76 24.93 -44.40	359.00 23.28 -205.69	414.69 21.46 -277.24	348.47 17.09 -241.91	253.13 10.74 -187.61	148.79 11.61 -77.94	60.24 9.19 0.00	47.11 6.50 0.00
REVERE_CPPR_DRP 24186	36.52 1.15 0.44	31.77 1.03 0.42	28.51 0.87 0.40	27.15 0.83 0.40	27.74 0.93 0.40	29.63 1.04 0.41	34.25 1.40 0.39	38.30 1.71 -0.18	39.76 1.66 0.54	47.59 2.11 -0.68	56.32 2.57 0.93	65.01 2.84 -0.44	86.52 3.09 -14.85	95.34 3.30 -20.34	103.47 3.54 -22.97	172.83 6.16 -29.70	178.12 6.41 -29.28	162.89 5.98 -26.87	155.15 5.80 -33.36	96.22 4.92 -1.83	59.29 3.40 -1.12	63.90 3.79 -0.87	54.24 2.65 -0.54	43.05 1.91 -0.54
REYNOLDS_115KV_TB3 80639	37.08 1.25 0.00	32.22 1.06 0.00	29.05 1.01 0.00	27.68 0.96 0.00	28.17 0.95 0.00	30.01 1.01 0.00	34.24 1.00 0.00	37.76 1.35 0.00	40.07 1.43 0.00	46.33 1.52 0.00	56.66 1.97 0.00	64.08 2.35 0.00	71.12 2.54 0.00	74.44 2.72 -0.02	99.76 3.00 -19.80	245.00 5.89 -102.15	243.69 6.27 -94.99	345.88 5.46 -210.38	383.54 4.64 -262.91	302.32 3.31 -209.54	211.03 1.81 -154.45	114.86 2.13 -53.49	53.19 2.14 0.00	42.27 1.66 0.00
RIVERBAY___ 323610	39.81 3.98 -0.01	34.60 3.43 -0.01	31.10 3.06 -0.01	29.50 2.78 -0.01	29.92 2.69 -0.01	31.90 2.90 0.00	36.34 3.09 0.00	40.34 3.93 0.00	42.93 4.29 0.00	48.88 4.08 0.00	59.71 5.03 0.01	67.10 5.37 0.01	74.33 5.76 0.01	78.07 6.38 0.01	84.38 6.70 -0.73	159.56 13.56 -9.03	164.85 14.24 -8.18	166.93 13.13 -23.76	158.34 11.60 -30.76	123.41 8.32 -25.62	76.09 4.38 -16.93	71.25 5.03 -6.98	56.15 5.11 0.01	45.03 4.43 0.00
RIVERSIDE_115KV_TB3 55908	36.97 1.15 0.00	32.13 0.97 0.00	28.94 0.90 0.00	27.57 0.85 0.00	28.06 0.84 0.00	29.89 0.90 0.00	34.14 0.90 0.00	37.61 1.20 0.00	39.96 1.31 0.00	46.24 1.43 0.00	56.49 1.80 0.00	63.89 2.16 0.00	70.91 2.33 0.00	74.21 2.51 -0.01	88.86 2.85 -9.05	192.05 5.62 -49.47	192.36 5.84 -44.08	281.50 5.20 -146.26	312.22 4.29 -191.94	255.06 3.13 -162.46	182.33 1.70 -125.85	110.37 2.01 -49.12	53.04 1.99 0.00	42.15 1.54 0.00
ROARING___BROOK_WT_PWR 323790	35.24 -0.86 -0.28	30.65 -0.72 -0.20	27.57 -0.62 -0.14	26.27 -0.56 -0.12	26.80 -0.54 -0.13	28.58 -0.58 -0.16	32.88 -0.60 -0.24	35.78 -0.65 -0.03	38.31 -0.66 -0.33	44.13 -0.67 0.00	54.43 -0.88 -0.62	60.67 -1.30 -0.23	67.64 -1.57 -0.64	70.29 -1.65 -0.24	75.19 -1.77 0.00	135.44 -3.01 -1.48	141.32 -2.85 -1.73	129.07 -2.47 -1.51	113.78 -2.21 0.00	87.77 -1.70 0.00	53.90 -0.88 0.00	58.23 -1.01 0.00	50.13 -0.92 0.00	39.88 -0.73 0.00
ROCHESRG_115KV_T4 355643	36.00 0.18 0.00	31.26 0.09 0.00	28.18 0.14 0.00	26.74 0.03 0.00	27.27 0.05 0.00	29.11 0.12 0.00	33.38 0.13 0.00	36.41 0.00 0.00	38.84 0.19 0.00	45.43 0.63 0.00	55.67 0.98 0.00	63.28 1.54 0.00	70.57 1.99 0.00	73.35 1.65 0.00	78.65 1.69 0.00	136.96 0.00 0.00	141.72 -0.71 0.00	129.52 -0.52 0.00	116.33 0.35 0.00	90.90 1.43 0.00	56.31 1.53 0.00	60.30 1.07 0.00	50.85 -0.20 0.00	40.77 0.16 0.00

ROCHESTER_9_IC 23652	36.25 0.43 0.00	31.45 0.28 0.00	28.35 0.31 0.00	26.90 0.19 0.00	27.46 0.24 0.00	29.29 0.29 0.00	33.61 0.37 0.00	36.66 0.25 0.00	39.14 0.50 0.00	45.79 0.99 0.00	56.16 1.48 0.00	63.83 2.10 0.00	71.19 2.61 0.00	73.99 2.29 0.00	79.42 2.46 0.00	138.33 1.37 0.00	143.00 0.57 0.00	130.82 0.78 0.00	117.38 1.39 0.00	91.71 2.24 0.00	56.81 2.03 0.00	60.77 1.54 0.00	51.25 0.20 0.00	41.01 0.41 0.00
ROCKVIEW_13_KV_LD 356306	39.01 3.19 0.00	33.91 2.74 0.00	30.42 2.38 0.00	28.91 2.19 0.00	29.37 2.15 0.00	31.34 2.35 0.00	35.87 2.63 0.00	39.83 3.42 0.00	42.47 3.83 0.00	48.75 3.94 0.00	59.66 4.98 0.00	67.23 5.49 0.00	74.55 5.97 0.00	78.37 6.67 0.00	84.77 7.08 -0.73	160.11 14.11 -9.04	165.57 14.96 -8.18	167.59 13.78 -23.77	158.59 11.83 -30.77	123.50 8.41 -25.62	76.10 4.38 -16.93	71.14 4.92 -6.99	55.85 4.80 0.00	44.47 3.86 0.00
ROME____115KV_TB2 80656	36.52 1.15 0.44	31.77 1.03 0.42	28.51 0.87 0.40	27.15 0.83 0.40	27.74 0.93 0.40	29.63 1.04 0.41	34.25 1.40 0.39	38.30 1.71 -0.18	39.76 1.66 0.54	47.59 2.11 -0.68	56.32 2.57 0.93	65.01 2.84 -0.44	86.52 3.09 -14.85	95.34 3.30 -20.34	103.47 3.54 -22.97	172.83 6.16 -29.70	178.12 6.41 -29.28	162.89 5.98 -26.87	155.15 5.80 -33.36	96.22 4.92 -1.83	59.29 3.40 -1.12	63.90 3.79 -0.87	54.24 2.65 -0.54	43.05 1.91 -0.54
ROSETON____1 23587	38.15 2.33 0.00	33.19 2.02 0.00	29.81 1.77 0.00	28.34 1.63 0.00	28.82 1.61 0.00	30.74 1.74 0.00	35.14 1.89 0.00	38.96 2.55 0.00	41.46 2.82 0.00	47.58 2.78 0.00	58.24 3.55 0.00	65.69 3.95 0.00	72.90 4.32 0.00	76.50 4.80 0.00	81.95 5.00 0.00	155.23 10.14 -8.13	160.44 10.69 -7.32	161.92 9.62 -22.26	153.30 8.36 -28.96	119.63 5.90 -24.26	72.30 3.07 -14.45	69.18 3.49 -6.45	54.57 3.52 0.00	43.45 2.84 0.00
ROSETON____2 23588	38.15 2.33 0.00	33.19 2.02 0.00	29.81 1.77 0.00	28.34 1.63 0.00	28.82 1.61 0.00	30.74 1.74 0.00	35.14 1.89 0.00	38.96 2.55 0.00	41.46 2.82 0.00	47.58 2.78 0.00	58.24 3.55 0.00	65.69 3.95 0.00	72.90 4.32 0.00	76.50 4.80 0.00	81.95 5.00 0.00	155.23 10.14 -8.13	160.44 10.69 -7.32	161.92 9.62 -22.26	153.30 8.36 -28.96	119.63 5.90 -24.26	72.30 3.07 -14.45	69.18 3.49 -6.45	54.57 3.52 0.00	43.45 2.84 0.00
ROTTDAM_115KV_TB3 80664	37.36 1.54 0.00	32.44 1.28 0.00	29.19 1.15 0.00	27.81 1.10 0.00	28.31 1.09 0.00	30.21 1.22 0.00	34.54 1.30 0.00	37.97 1.57 0.00	40.34 1.70 0.00	46.73 1.93 0.00	57.09 2.41 0.00	64.63 2.90 0.00	71.80 3.22 0.00	75.07 3.37 0.00	85.38 3.77 -4.65	185.01 6.99 -41.06	182.73 7.26 -33.03	340.30 6.76 -203.50	400.86 6.03 -278.84	341.80 4.65 -247.67	251.25 2.74 -193.73	145.18 3.08 -82.86	53.70 2.65 0.00	42.64 2.03 0.00
RUSSELL____1 23602	36.43 0.61 0.00	31.60 0.44 0.00	28.49 0.45 0.00	27.04 0.32 0.00	27.60 0.38 0.00	29.43 0.43 0.00	33.78 0.53 0.00	36.88 0.47 0.00	39.38 0.73 0.00	46.10 1.30 0.00	56.49 1.80 0.00	64.33 2.59 0.00	71.80 3.22 0.00	74.64 2.94 0.00	80.11 3.16 0.00	139.43 2.47 0.00	144.29 1.85 0.00	131.86 1.82 0.00	118.31 2.32 0.00	92.42 2.95 0.00	57.30 2.52 0.00	61.25 2.01 0.00	51.56 0.51 0.00	41.26 0.65 0.00
RUSSELL____2 23532	36.43 0.61 0.00	31.60 0.44 0.00	28.49 0.45 0.00	27.04 0.32 0.00	27.60 0.38 0.00	29.43 0.43 0.00	33.78 0.53 0.00	36.88 0.47 0.00	39.38 0.73 0.00	46.10 1.30 0.00	56.49 1.80 0.00	64.33 2.59 0.00	71.80 3.22 0.00	74.64 2.94 0.00	80.11 3.16 0.00	139.43 2.47 0.00	144.29 1.85 0.00	131.86 1.82 0.00	118.31 2.32 0.00	92.42 2.95 0.00	57.30 2.52 0.00	61.25 2.01 0.00	51.56 0.51 0.00	41.26 0.65 0.00
RUSSELL____3 23549	36.43 0.61 0.00	31.60 0.44 0.00	28.49 0.45 0.00	27.04 0.32 0.00	27.60 0.38 0.00	29.43 0.43 0.00	33.78 0.53 0.00	36.88 0.47 0.00	39.38 0.73 0.00	46.10 1.30 0.00	56.49 1.80 0.00	64.33 2.59 0.00	71.80 3.22 0.00	74.64 2.94 0.00	80.11 3.16 0.00	139.43 2.47 0.00	144.29 1.85 0.00	131.86 1.82 0.00	118.31 2.32 0.00	92.42 2.95 0.00	57.30 2.52 0.00	61.25 2.01 0.00	51.56 0.51 0.00	41.26 0.65 0.00
RUSSELL____4 23556	36.43 0.61 0.00	31.60 0.44 0.00	28.49 0.45 0.00	27.04 0.32 0.00	27.60 0.38 0.00	29.43 0.43 0.00	33.78 0.53 0.00	36.88 0.47 0.00	39.38 0.73 0.00	46.10 1.30 0.00	56.49 1.80 0.00	64.33 2.59 0.00	71.80 3.22 0.00	74.64 2.94 0.00	80.11 3.16 0.00	139.43 2.47 0.00	144.29 1.85 0.00	131.86 1.82 0.00	118.31 2.32 0.00	92.42 2.95 0.00	57.30 2.52 0.00	61.25 2.01 0.00	51.56 0.51 0.00	41.26 0.65 0.00
RUSSELL____STATION 23914	36.43 0.61 0.00	31.60 0.44 0.00	28.49 0.45 0.00	27.04 0.32 0.00	27.60 0.38 0.00	29.43 0.43 0.00	33.78 0.53 0.00	36.88 0.47 0.00	39.38 0.73 0.00	46.10 1.30 0.00	56.49 1.80 0.00	64.33 2.59 0.00	71.80 3.22 0.00	74.64 2.94 0.00	80.11 3.16 0.00	139.43 2.47 0.00	144.29 1.85 0.00	131.86 1.82 0.00	118.31 2.32 0.00	92.42 2.95 0.00	57.30 2.52 0.00	61.25 2.01 0.00	51.56 0.51 0.00	41.26 0.65 0.00
S SALMON____HYD 24043	36.33 -0.57 -1.08	30.90 -0.56 -0.29	27.30 -0.50 0.24	25.76 -0.48 0.48	26.36 -0.46 0.39	28.41 -0.49 0.09	33.66 -0.43 -0.85	37.22 -0.36 -1.17	39.25 -0.54 -1.15	47.48 -0.54 -3.22	56.73 -0.60 -2.64	66.12 -0.31 -4.69	57.27 -0.21 11.10	62.19 -0.29 9.22	67.28 -0.46 9.21	116.47 -1.64 18.86	120.19 -1.99 20.25	108.45 -1.55 20.03	96.50 -0.81 18.68	97.97 -0.09 -8.59	60.12 0.11 -5.23	63.32 0.00 -4.09	53.16 -0.41 -2.52	42.63 -0.49 -2.51
S.PERRY__115KV_TB1 80734	37.58 1.76 0.00	32.54 1.37 0.00	29.33 1.29 0.00	27.78 1.07 0.00	28.36 1.14 0.00	30.30 1.30 0.00	34.94 1.70 0.00	36.85 0.44 0.00	38.84 0.19 0.00	45.16 0.36 0.00	54.91 0.22 0.00	60.00 -1.73 0.00	67.07 -1.51 0.00	69.76 -1.94 0.00	75.49 -1.46 0.00	131.35 -5.62 0.00	136.31 -6.12 0.00	125.48 -4.55 0.00	113.90 -2.09 0.00	89.65 0.18 0.00	55.88 1.10 0.00	59.59 0.36 0.00	51.82 0.77 0.00	41.34 0.73 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.00 0.18 0.00	31.32 0.16 0.00	28.21 0.17 0.00	26.77 0.05 0.00	27.22 0.00 0.00	29.05 0.06 0.00	33.31 0.07 0.00	36.15 -0.25 0.00	38.72 0.08 0.00	45.34 0.54 0.00	55.67 0.98 0.00	63.28 1.54 0.00	70.57 1.99 0.00	73.13 1.43 0.00	78.34 1.39 0.00	134.50 -2.47 0.00	138.87 -3.56 0.00	126.78 -3.25 0.00	114.36 -1.62 0.00	90.19 0.72 0.00	56.26 1.48 0.00	60.06 0.83 0.00	50.34 -0.71 0.00	40.69 0.08 0.00
SAWYER____23_KV_LOAD 55526	36.00 0.18 0.00	31.32 0.16 0.00	28.21 0.17 0.00	26.77 0.05 0.00	27.22 0.00 0.00	29.05 0.06 0.00	33.31 0.07 0.00	36.15 -0.25 0.00	38.72 0.08 0.00	45.34 0.54 0.00	55.67 0.98 0.00	63.28 1.54 0.00	70.57 1.99 0.00	73.13 1.43 0.00	78.34 1.39 0.00	134.50 -2.47 0.00	138.87 -3.56 0.00	126.78 -3.25 0.00	114.36 -1.62 0.00	90.19 0.72 0.00	56.26 1.48 0.00	60.06 0.83 0.00	50.34 -0.71 0.00	40.69 0.08 0.00

SELKIRK___I 23801	36.93 1.11 0.00	32.13 0.97 0.00	28.94 0.90 0.00	27.57 0.85 0.00	28.06 0.84 0.00	29.92 0.93 0.00	34.17 0.93 0.00	37.50 1.09 0.00	39.72 1.08 0.00	45.92 1.12 0.00	56.00 1.31 0.00	63.28 1.54 0.00	68.92 0.34 0.00	72.04 0.36 0.02	64.91 0.61 12.66	78.83 1.65 59.78	84.17 1.85 60.11	112.83 1.57 18.77	115.44 1.40 1.94	111.14 0.89 -20.78	85.47 0.49 -30.20	83.32 0.71 -23.37	52.94 1.89 0.00	42.07 1.46 0.00
SELKIRK___II 23799	36.58 0.75 0.00	31.82 0.66 0.00	28.66 0.62 0.00	27.28 0.56 0.00	27.79 0.57 0.00	29.61 0.61 0.00	33.84 0.60 0.00	37.25 0.84 0.00	39.53 0.89 0.00	45.65 0.85 0.00	55.78 1.09 0.00	63.03 1.30 0.00	69.81 1.24 0.00	73.04 1.36 0.02	63.67 1.54 14.83	69.56 3.28 70.69	75.16 3.56 70.83	105.14 2.86 27.75	107.92 2.32 10.39	107.92 1.52 -16.93	85.06 0.77 -29.51	85.06 1.07 -24.76	52.43 1.38 0.00	41.66 1.05 0.00
SENECA OSWGO___HYD 24041	38.35 -0.25 -2.78	32.19 -0.28 -1.30	28.10 -0.25 -0.31	26.32 -0.27 0.12	26.98 -0.27 -0.03	29.33 -0.26 -0.59	35.27 -0.23 -2.26	38.01 -0.18 -1.78	41.50 -0.23 -3.08	49.20 -0.13 -4.53	61.08 -0.11 -6.50	69.50 0.12 -7.64	74.15 0.34 -5.23	81.21 0.29 -9.22	88.14 0.31 -10.88	152.71 -0.14 -15.89	157.39 -0.57 -15.52	141.58 -0.39 -11.93	125.18 -0.23 -9.43	101.72 0.18 -12.07	62.35 0.22 -7.35	64.98 0.00 -5.74	54.29 -0.30 -3.55	43.77 -0.37 -3.53
SENECA___115KV_TB3 355854	36.39 0.57 0.00	31.66 0.50 0.00	28.52 0.48 0.00	27.06 0.35 0.00	27.52 0.30 0.00	29.37 0.38 0.00	33.71 0.47 0.00	36.74 0.33 0.00	39.34 0.70 0.00	46.06 1.25 0.00	56.55 1.86 0.00	64.26 2.53 0.00	71.73 3.15 0.00	74.42 2.72 0.00	79.80 2.85 0.00	136.96 0.00 0.00	141.58 -0.85 0.00	129.26 -0.78 0.00	116.45 0.46 0.00	91.71 2.24 0.00	57.14 2.36 0.00	60.95 1.72 0.00	51.05 0.00 0.00	41.22 0.61 0.00
SENECA___ENERGY 23797	37.22 0.36 -1.04	31.89 0.25 -0.48	28.39 0.25 -0.09	26.77 0.13 0.08	27.37 0.16 0.01	29.46 0.26 -0.20	34.52 0.43 -0.85	37.66 0.55 -0.70	40.46 0.66 -1.16	47.64 1.03 -1.80	58.45 1.31 -2.45	66.57 1.85 -2.99	74.28 2.54 -3.16	79.11 2.36 -5.05	85.35 2.46 -5.94	147.44 2.06 -8.42	152.53 1.85 -8.25	138.92 2.21 -6.68	124.82 2.67 -6.16	96.95 2.68 -4.80	59.73 2.03 -2.93	63.18 1.66 -2.28	53.17 0.71 -1.41	42.50 0.49 -1.40
SHOEMAKER___GT 23640	37.93 2.11 0.00	33.03 1.87 0.00	29.67 1.63 0.00	28.21 1.50 0.00	28.69 1.47 0.00	30.62 1.62 0.00	34.97 1.73 0.00	38.70 2.30 0.00	41.19 2.55 0.00	47.40 2.60 0.00	58.02 3.34 0.00	65.44 3.70 0.00	72.62 4.05 0.00	76.14 4.45 0.00	81.57 4.62 0.00	153.22 9.18 -7.08	158.48 9.69 -6.35	158.86 8.97 -19.85	149.78 7.89 -25.90	116.97 5.73 -21.77	70.99 3.07 -13.14	68.48 3.37 -5.87	54.37 3.32 0.00	43.25 2.64 0.00
SHOEMAKR_138KV_BK 111 55601	37.94 2.11 0.00	33.03 1.87 0.00	29.67 1.63 0.00	28.21 1.50 0.00	28.69 1.47 0.00	30.62 1.62 0.00	34.97 1.73 0.00	38.70 2.29 0.00	41.19 2.55 0.00	47.40 2.60 0.00	58.02 3.34 0.00	65.44 3.70 0.00	72.69 4.11 0.00	76.21 4.52 0.00	81.65 4.69 0.00	153.25 9.31 -6.97	158.52 9.83 -6.26	158.75 9.10 -19.62	149.47 7.89 -25.60	116.72 5.73 -21.52	70.86 3.07 -13.02	68.42 3.38 -5.81	54.37 3.32 0.00	43.25 2.64 0.00
SHOREHAM_IC_1 23715	48.32 4.08 -8.41	46.86 3.55 -12.14	44.71 3.08 -13.59	40.30 2.83 -10.75	38.79 2.78 -8.79	39.77 3.04 -7.73	42.44 3.46 -5.74	46.01 4.44 -5.16	47.58 4.95 -3.99	49.52 4.70 -0.01	69.21 5.74 -8.79	138.21 6.61 -69.87	148.05 7.54 -71.93	253.26 8.38 -173.18	236.48 8.69 -150.83	249.05 17.26 -94.83	283.75 17.80 -123.51	278.52 16.25 -132.23	262.33 14.38 -131.96	321.43 10.11 -221.86	354.22 5.80 -293.63	239.99 6.46 -174.30	65.26 5.87 -8.34	53.39 4.75 -8.04
SHOREHAM_IC_2 23716	48.32 4.08 -8.41	46.86 3.55 -12.14	44.71 3.08 -13.59	40.30 2.83 -10.75	38.79 2.78 -8.79	39.77 3.04 -7.73	42.44 3.46 -5.74	46.01 4.44 -5.16	47.58 4.95 -3.99	49.52 4.70 -0.01	69.21 5.74 -8.79	138.21 6.61 -69.87	148.05 7.54 -71.93	253.26 8.38 -173.18	236.48 8.69 -150.83	249.05 17.26 -94.83	283.75 17.80 -123.51	278.52 16.25 -132.23	262.33 14.38 -131.96	321.43 10.11 -221.86	354.22 5.80 -293.63	239.99 6.46 -174.30	65.26 5.87 -8.34	53.39 4.75 -8.04
SISSONVILLE____ 23735	22.61 -2.69 10.52	21.34 -2.28 7.55	20.52 -2.02 5.51	20.18 -1.82 4.72	20.37 -1.82 5.03	20.84 -2.00 6.15	22.14 -2.13 8.98	32.96 -2.51 0.94	23.44 -2.90 12.30	42.09 -3.05 -0.34	27.10 -4.27 23.32	48.36 -5.12 8.25	17.17 -6.17 45.23	41.78 -6.38 23.53	43.56 -6.85 26.54	27.65 -11.51 97.81	22.63 -11.68 108.12	23.14 -10.66 96.24	66.08 -9.51 40.40	83.17 -7.43 -1.12	51.47 -4.00 -0.69	55.45 -4.32 -0.54	47.55 -3.83 -0.33	37.89 -3.05 -0.33
SITHE_IND_GS1 24169	25.83 -0.89 9.10	25.83 -0.81 4.52	25.86 -0.73 1.45	25.90 -0.72 0.09	25.92 -0.71 0.59	25.92 -0.75 2.32	25.00 -0.80 7.45	30.27 -0.87 5.27	27.59 -0.89 10.17	30.71 -0.94 13.15	32.42 -1.09 21.17	37.65 -1.05 23.03	41.13 -1.03 26.42	32.42 -1.22 38.06	32.35 -1.31 43.30	64.82 -2.88 69.26	69.93 -3.13 69.37	70.49 -2.86 56.68	68.60 -2.44 44.94	52.86 -1.61 35.00	32.57 -0.88 21.33	41.45 -1.13 16.66	39.54 -1.23 10.28	29.39 -0.97 10.24
SITHE_IND_GS2 24170	25.83 -0.89 9.10	25.83 -0.81 4.52	25.86 -0.73 1.45	25.90 -0.72 0.09	25.92 -0.71 0.59	25.92 -0.75 2.32	25.00 -0.80 7.45	30.27 -0.87 5.27	27.59 -0.89 10.17	30.71 -0.94 13.15	32.42 -1.09 21.17	37.65 -1.05 23.03	41.13 -1.03 26.42	32.42 -1.22 38.06	32.35 -1.31 43.30	64.82 -2.88 69.26	69.93 -3.13 69.37	70.49 -2.86 56.68	68.60 -2.44 44.94	52.86 -1.61 35.00	32.57 -0.88 21.33	41.45 -1.13 16.66	39.54 -1.23 10.28	29.39 -0.97 10.24
SITHE_IND_GS3 24171	25.83 -0.89 9.10	25.83 -0.81 4.52	25.86 -0.73 1.45	25.90 -0.72 0.09	25.92 -0.71 0.59	25.92 -0.75 2.32	25.00 -0.80 7.45	30.27 -0.87 5.27	27.59 -0.89 10.17	30.71 -0.94 13.15	32.42 -1.09 21.17	37.65 -1.05 23.03	41.13 -1.03 26.42	32.42 -1.22 38.06	32.35 -1.31 43.30	64.82 -2.88 69.26	69.93 -3.13 69.37	70.49 -2.86 56.68	68.60 -2.44 44.94	52.86 -1.61 35.00	32.57 -0.88 21.33	41.45 -1.13 16.66	39.54 -1.23 10.28	29.39 -0.97 10.24
SITHE_IND_GS4 24172	25.83 -0.89 9.10	25.83 -0.81 4.52	25.86 -0.73 1.45	25.90 -0.72 0.09	25.92 -0.71 0.59	25.92 -0.75 2.32	25.00 -0.80 7.45	30.27 -0.87 5.27	27.59 -0.89 10.17	30.71 -0.94 13.15	32.42 -1.09 21.17	37.65 -1.05 23.03	41.13 -1.03 26.42	32.42 -1.22 38.06	32.35 -1.31 43.30	64.82 -2.88 69.26	69.93 -3.13 69.37	70.49 -2.86 56.68	68.60 -2.44 44.94	52.86 -1.61 35.00	32.57 -0.88 21.33	41.45 -1.13 16.66	39.54 -1.23 10.28	29.39 -0.97 10.24
SITHE___BATAVIA 24024	36.68 0.86 0.00	31.82 0.66 0.00	28.69 0.65 0.00	27.22 0.51 0.00	27.76 0.54 0.00	29.63 0.64 0.00	34.01 0.77 0.00	36.96 0.55 0.00	39.61 0.97 0.00	46.50 1.70 0.00	56.77 2.08 0.00	63.58 1.85 0.00	71.33 2.75 0.00	73.85 2.15 0.00	79.26 2.31 0.00	136.56 -0.41 0.00	141.15 -1.28 0.00	129.26 -0.78 0.00	116.22 0.23 0.00	91.26 1.79 0.00	56.91 2.13 0.00	61.72 2.49 0.00	51.56 0.51 0.00	41.54 0.93 0.00

SITHE___INDEPEND 23800	25.83 -0.90 9.10	25.83 -0.81 4.52	25.86 -0.73 1.45	25.90 -0.72 0.09	25.89 -0.73 0.59	25.92 -0.75 2.32	25.00 -0.80 7.45	30.30 -0.84 5.27	27.59 -0.89 10.17	30.72 -0.94 13.15	32.42 -1.09 21.17	37.65 -1.05 23.03	41.06 -1.10 26.42	32.42 -1.22 38.06	32.35 -1.31 43.30	64.69 -3.01 69.26	69.79 -3.28 69.37	70.36 -2.99 56.68	68.61 -2.44 44.94	52.86 -1.61 35.00	32.57 -0.88 21.33	41.45 -1.13 16.66	39.54 -1.23 10.28	29.39 -0.97 10.24
SITHE___MASSENA 23902	18.73 -1.43 15.66	18.83 -1.18 11.15	18.96 -1.04 8.04	18.97 -0.91 6.83	18.98 -0.93 7.31	18.90 -1.07 9.02	18.76 -1.13 13.35	33.31 -1.49 1.60	18.65 -1.70 18.29	42.93 -1.75 0.12	17.36 -2.57 34.76	45.50 -3.21 13.02	19.72 -3.98 44.88	44.09 -4.01 23.59	61.13 -4.31 11.52	28.30 -7.26 101.40	19.43 -7.26 115.75	21.81 -6.77 101.46	92.70 -6.04 17.25	84.81 -4.66 0.00	52.26 -2.52 0.00	56.51 -2.72 0.00	48.65 -2.40 0.00	38.78 -1.83 0.00
SITHE___OGDNSBRG 24021	21.51 -1.61 12.70	20.85 -1.28 9.04	20.34 -1.18 6.52	20.16 -1.02 5.54	20.28 -1.01 5.93	20.55 -1.13 7.31	21.33 -1.10 10.82	33.65 -1.46 1.30	21.96 -1.85 14.83	42.82 -1.88 0.10	23.67 -2.84 28.18	47.72 -3.46 10.55	18.69 -4.25 45.64	48.29 -4.30 19.10	50.78 -4.62 21.56	28.55 -7.81 100.61	22.10 -7.83 112.50	23.46 -7.15 99.43	77.67 -6.03 32.29	85.00 -4.47 0.00	52.59 -2.19 0.00	56.81 -2.43 0.00	48.75 -2.30 0.00	38.78 -1.83 0.00
SITHE___STERLING 23777	36.83 1.11 0.10	31.95 0.97 0.18	28.65 0.84 0.23	27.20 0.75 0.26	27.78 0.82 0.25	29.70 0.93 0.22	34.37 1.23 0.10	38.14 1.49 -0.23	40.01 1.51 0.14	47.42 1.88 -0.74	56.87 2.35 0.17	64.87 2.35 -0.79	80.55 2.75 -9.22	87.01 2.94 -12.37	94.68 3.16 -14.57	161.11 5.34 -18.81	166.35 5.41 -18.51	151.93 5.07 -16.83	141.55 4.87 -20.69	95.65 4.21 -1.97	58.67 2.68 -1.20	63.37 3.20 -0.94	53.93 2.30 -0.58	42.85 1.67 -0.58
SLEIGHT___34_KV_TB1 80719	36.42 0.25 -0.35	31.43 0.09 -0.17	28.24 0.14 -0.06	26.75 0.03 0.00	27.32 0.08 -0.02	29.23 0.14 -0.09	33.83 0.30 -0.28	36.94 0.33 -0.20	39.49 0.46 -0.39	46.20 0.90 -0.50	56.81 1.31 -0.81	64.53 1.91 -0.88	72.06 2.47 -1.01	75.44 2.29 -1.45	81.07 2.46 -1.65	141.66 2.05 -2.64	146.50 1.42 -2.65	133.63 1.43 -2.16	119.56 1.86 -1.71	93.04 2.24 -1.33	57.46 1.86 -0.81	61.23 1.36 -0.64	51.70 0.26 -0.39	41.24 0.24 -0.39
SOUTH CAIRO___GT 23612	38.01 2.19 0.00	33.13 1.96 0.00	29.72 1.68 0.00	28.29 1.58 0.00	28.85 1.63 0.00	30.85 1.86 0.00	35.24 1.99 0.00	38.56 2.15 0.00	40.77 2.13 0.00	47.18 2.37 0.00	57.42 2.73 0.00	65.01 3.27 0.00	72.21 3.63 0.00	75.62 3.94 0.02	68.24 4.69 13.40	82.81 9.18 63.33	89.04 9.97 63.36	112.61 9.75 27.17	112.25 8.93 12.67	108.53 7.07 -11.99	81.61 3.45 -23.38	83.75 3.61 -20.91	54.98 3.93 0.00	43.41 2.80 0.00
SOUTH HAMPTN___IC 23720	49.11 4.87 -8.41	47.51 4.21 -12.14	45.30 3.67 -13.59	40.86 3.39 -10.75	39.31 3.29 -8.79	40.35 3.62 -7.73	43.10 4.12 -5.74	46.78 5.21 -5.16	48.55 5.91 -3.99	50.73 5.91 -0.01	70.60 7.49 -8.42	137.24 8.58 -66.93	147.29 9.81 -68.90	248.27 10.68 -165.89	232.52 10.77 -144.79	249.36 20.96 -91.44	284.27 21.79 -120.05	281.82 19.90 -131.89	262.65 17.52 -129.15	315.45 12.35 -213.63	343.83 6.96 -282.09	234.37 7.88 -167.26	65.98 6.94 -7.99	54.19 5.61 -7.97
SOUTHDOW___115KV_TB1 355954	37.51 1.68 0.00	32.60 1.43 0.00	29.36 1.32 0.00	27.84 1.12 0.00	28.36 1.14 0.00	30.36 1.36 0.00	34.97 1.73 0.00	38.52 2.11 0.00	41.12 2.47 0.00	48.34 3.54 0.00	59.34 4.65 0.00	67.47 5.74 0.00	75.37 6.79 0.00	78.36 6.67 0.00	83.88 6.93 0.00	143.81 6.85 0.00	148.56 6.12 0.00	135.50 5.46 0.00	121.79 5.80 0.00	95.64 6.17 0.00	59.60 4.82 0.00	63.38 4.15 0.00	52.94 1.89 0.00	42.48 1.87 0.00
SOUTHOLD_69_KV_BK 2 55809	49.89 5.66 -8.41	48.17 4.86 -12.14	45.86 4.23 -13.59	41.42 3.95 -10.75	39.88 3.87 -8.79	40.90 4.18 -7.73	43.73 4.75 -5.74	47.54 5.97 -5.16	49.48 6.84 -3.99	52.12 7.30 -0.01	72.24 9.13 -8.42	139.19 10.49 -66.97	149.52 12.00 -68.94	250.44 12.76 -165.98	232.98 11.16 -144.87	249.95 21.50 -91.48	285.32 22.79 -120.09	282.87 20.94 -131.90	263.50 18.33 -129.19	315.91 12.70 -213.74	341.63 7.07 -279.79	235.88 9.30 -167.35	67.01 7.96 -7.99	54.92 6.33 -7.97
SOUTHOLD___IC 23719	49.89 5.66 -8.41	48.16 4.86 -12.14	45.86 4.23 -13.59	41.42 3.95 -10.75	39.85 3.84 -8.79	40.90 4.18 -7.73	43.73 4.75 -5.74	47.58 6.01 -5.16	49.48 6.84 -3.99	51.94 7.12 -0.01	72.24 9.13 -8.42	139.19 10.49 -66.97	149.52 12.00 -68.94	250.44 12.76 -165.98	232.98 11.15 -144.87	250.23 21.78 -91.48	285.31 22.78 -120.09	282.74 20.80 -131.90	263.49 18.32 -129.19	315.83 12.62 -213.74	344.03 7.01 -282.24	235.88 9.30 -167.35	67.00 7.96 -7.99	54.91 6.33 -7.97
SOUTH_FORK_WT_PWR 323839	49.89 5.66 -8.41	48.16 4.86 -12.14	45.89 4.26 -13.59	41.42 3.95 -10.75	39.85 3.84 -8.79	40.93 4.20 -7.73	43.77 4.79 -5.74	47.62 6.05 -5.16	49.51 6.88 -3.99	51.98 7.17 -0.01	72.35 9.24 -8.42	139.23 10.55 -66.95	149.43 11.93 -68.92	250.25 12.62 -165.93	233.56 11.77 -144.83	251.17 22.74 -91.46	286.29 23.79 -120.07	283.65 21.72 -131.90	264.28 19.13 -129.17	316.22 13.06 -213.68	344.28 7.34 -282.16	235.48 8.95 -167.30	66.69 7.66 -7.99	54.71 6.13 -7.97
SPIERFLS_115KV_TB 1 80737	37.94 2.11 0.00	32.88 1.71 0.00	29.53 1.49 0.00	28.13 1.42 0.00	28.61 1.39 0.00	30.59 1.59 0.00	35.01 1.76 0.00	38.48 2.08 0.00	41.00 2.36 0.00	47.89 3.09 0.00	58.08 3.39 0.00	66.12 4.38 0.00	73.59 5.01 0.00	76.65 4.95 -0.01	89.89 5.77 -7.16	198.66 10.55 -51.15	196.49 10.82 -43.23	345.51 10.01 -205.46	403.14 9.74 -277.41	339.67 7.69 -242.51	247.90 4.88 -188.25	143.01 5.33 -78.45	55.34 4.29 0.00	43.61 3.00 0.00
ST LAWRENCE____ 23600	35.78 -1.25 -1.21	30.93 -1.06 -0.82	27.71 -0.92 -0.59	26.39 -0.83 -0.51	26.92 -0.84 -0.54	28.71 -0.96 -0.67	33.25 -1.03 -1.04	35.14 -1.38 -0.12	38.51 -1.55 -1.42	43.20 -1.61 -0.01	55.09 -2.29 -2.69	59.81 -2.90 -0.97	62.50 -3.43 2.65	62.94 -3.51 5.24	66.24 -3.77 6.95	126.15 -6.44 4.38	132.62 -6.41 3.40	120.64 -5.85 3.55	100.36 -5.22 10.41	85.36 -4.11 0.00	52.43 -2.35 0.00	56.69 -2.55 0.00	48.91 -2.14 0.00	38.98 -1.63 0.00
STATE_CA_115KV_115_LB 55624	37.00 1.18 0.00	32.16 1.00 0.00	28.94 0.90 0.00	27.57 0.85 0.00	28.06 0.84 0.00	29.92 0.93 0.00	34.18 0.93 0.00	37.65 1.24 0.00	39.99 1.35 0.00	46.33 1.52 0.00	56.60 1.91 0.00	64.08 2.35 0.00	71.19 2.61 0.00	74.50 2.80 0.00	83.70 3.16 -3.59	167.58 6.16 -24.45	168.35 6.41 -19.51	260.54 5.59 -124.91	292.10 4.64 -171.48	245.48 3.40 -152.61	178.69 1.86 -122.04	113.11 2.19 -51.69	53.14 2.09 0.00	42.23 1.62 0.00
STATE_ST_34_KV_LOAD 55959	37.67 0.61 -1.24	32.17 0.44 -0.57	28.58 0.42 -0.12	26.93 0.29 0.08	27.57 0.35 0.00	29.68 0.43 -0.25	34.88 0.63 -1.00	38.03 0.80 -0.82	40.90 0.89 -1.37	48.10 1.21 -2.09	59.17 1.59 -2.90	67.38 2.16 -3.49	74.90 2.61 -3.71	80.33 2.58 -6.05	86.69 2.85 -6.89	150.68 3.84 -9.88	155.70 3.56 -9.71	141.41 3.51 -7.87	126.61 3.48 -7.15	98.35 3.31 -5.57	60.42 2.25 -3.39	63.90 2.01 -2.65	53.81 1.12 -1.64	42.97 0.73 -1.63

STATION 5_MISC_HYD 23604	36.25 0.43 0.00	31.44 0.28 0.00	28.35 0.31 0.00	26.90 0.19 0.00	27.46 0.24 0.00	29.29 0.29 0.00	33.61 0.37 0.00	36.63 0.22 0.00	39.14 0.50 0.00	45.88 1.07 0.00	56.11 1.42 0.00	63.83 2.10 0.00	71.46 2.88 0.00	74.14 2.44 0.00	79.57 2.62 0.00	138.61 1.65 0.00	143.44 1.00 0.00	131.07 1.04 0.00	117.38 1.40 0.00	91.61 2.14 0.00	56.81 2.03 0.00	60.77 1.54 0.00	51.26 0.21 0.00	41.01 0.41 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.84 0.64 -0.37	31.82 0.47 -0.18	28.58 0.48 -0.06	27.07 0.35 0.00	27.65 0.41 -0.02	29.58 0.49 -0.09	34.21 0.66 -0.30	37.39 0.76 -0.21	39.98 0.93 -0.41	46.82 1.48 -0.53	57.52 1.97 -0.86	65.39 2.72 -0.94	73.01 3.36 -1.08	76.47 3.23 -1.55	82.18 3.46 -1.76	143.21 3.42 -2.82	148.11 2.85 -2.82	135.33 2.99 -2.31	121.18 3.36 -1.83	94.38 3.49 -1.42	58.33 2.68 -0.87	62.10 2.19 -0.68	52.34 0.87 -0.42	41.76 0.73 -0.42
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.04 0.21 0.00	31.26 0.09 0.00	28.18 0.14 0.00	26.74 0.03 0.00	27.30 0.08 0.00	29.11 0.12 0.00	33.41 0.17 0.00	36.52 0.11 0.00	38.95 0.31 0.00	45.56 0.76 0.00	55.89 1.20 0.00	63.52 1.79 0.00	70.91 2.33 0.00	73.70 2.01 0.00	79.11 2.15 0.00	137.92 0.96 0.00	142.72 0.28 0.00	130.43 0.39 0.00	117.03 1.04 0.00	91.35 1.88 0.00	56.53 1.75 0.00	60.48 1.24 0.00	51.00 -0.05 0.00	40.81 0.20 0.00
STA_56____34_KV_BUS2 355983	36.04 0.21 0.00	31.26 0.09 0.00	28.18 0.14 0.00	26.74 0.03 0.00	27.30 0.08 0.00	29.11 0.12 0.00	33.41 0.17 0.00	36.52 0.11 0.00	38.95 0.31 0.00	45.56 0.76 0.00	55.89 1.20 0.00	63.52 1.79 0.00	70.91 2.33 0.00	73.70 2.01 0.00	79.11 2.15 0.00	137.92 0.96 0.00	142.72 0.28 0.00	130.43 0.39 0.00	117.03 1.04 0.00	91.35 1.88 0.00	56.53 1.75 0.00	60.48 1.24 0.00	51.00 -0.05 0.00	40.81 0.20 0.00
STA_67____115KV_BK2 355882	36.14 0.32 0.00	31.38 0.22 0.00	28.29 0.25 0.00	26.85 0.13 0.00	27.38 0.16 0.00	29.20 0.20 0.00	33.51 0.27 0.00	36.59 0.18 0.00	39.03 0.39 0.00	45.65 0.85 0.00	55.95 1.26 0.00	63.59 1.85 0.00	70.98 2.40 0.00	73.78 2.08 0.00	79.11 2.15 0.00	137.79 0.82 0.00	142.58 0.14 0.00	130.30 0.26 0.00	116.91 0.93 0.00	91.35 1.88 0.00	56.64 1.86 0.00	60.60 1.36 0.00	51.10 0.05 0.00	40.93 0.32 0.00
STA_7____115KV_9TRANS 80674	36.43 0.61 0.00	31.60 0.44 0.00	28.49 0.45 0.00	27.04 0.32 0.00	27.60 0.38 0.00	29.43 0.43 0.00	33.78 0.53 0.00	36.88 0.47 0.00	39.38 0.73 0.00	46.10 1.30 0.00	56.49 1.80 0.00	64.33 2.59 0.00	71.80 3.22 0.00	74.64 2.94 0.00	80.11 3.16 0.00	139.43 2.47 0.00	144.29 1.85 0.00	131.86 1.82 0.00	118.31 2.32 0.00	92.42 2.95 0.00	57.30 2.52 0.00	61.25 2.01 0.00	51.56 0.51 0.00	41.26 0.65 0.00
STA_82____115KV_TB1 80780	36.18 0.36 0.00	31.38 0.22 0.00	28.29 0.25 0.00	26.85 0.13 0.00	27.41 0.19 0.00	29.23 0.23 0.00	33.54 0.30 0.00	36.59 0.18 0.00	39.03 0.39 0.00	45.65 0.85 0.00	56.00 1.31 0.00	63.65 1.91 0.00	70.98 2.40 0.00	73.78 2.08 0.00	79.19 2.23 0.00	137.79 0.82 0.00	142.58 0.14 0.00	130.30 0.26 0.00	116.91 0.93 0.00	91.44 1.97 0.00	56.64 1.86 0.00	60.60 1.36 0.00	51.10 0.05 0.00	40.93 0.32 0.00
STEEL____WIND 323596	36.39 0.57 0.00	31.63 0.47 0.00	28.49 0.45 0.00	27.04 0.32 0.00	27.49 0.27 0.00	29.34 0.35 0.00	33.71 0.47 0.00	36.56 0.15 0.00	39.30 0.66 0.00	46.15 1.34 0.00	56.44 1.75 0.00	64.21 2.47 0.00	71.94 3.36 0.00	74.49 2.79 0.00	79.88 2.92 0.00	137.10 0.14 0.00	141.87 -0.57 0.00	129.52 -0.52 0.00	116.34 0.35 0.00	91.44 1.97 0.00	57.03 2.25 0.00	60.89 1.66 0.00	51.05 0.00 0.00	41.22 0.61 0.00
STEPHTWN_115KV_BK_2 55603	37.11 1.29 0.00	32.29 1.12 0.00	29.05 1.01 0.00	27.65 0.94 0.00	28.17 0.95 0.00	30.04 1.04 0.00	34.34 1.10 0.00	37.79 1.38 0.00	40.15 1.51 0.00	46.51 1.70 0.00	56.77 2.08 0.00	64.26 2.53 0.00	71.32 2.74 0.00	74.67 3.01 0.03	54.45 3.46 25.97	17.37 6.85 126.44	24.20 7.12 125.35	55.51 6.37 80.90	57.24 5.34 64.08	80.74 3.94 12.67	74.24 2.14 -17.32	89.74 2.49 -28.02	53.45 2.40 0.00	42.44 1.83 0.00
STEUBEN_REC_LFGE 323667	37.50 1.22 -0.46	32.36 0.97 -0.23	28.96 0.84 -0.07	27.25 0.53 0.00	27.77 0.52 -0.03	29.78 0.67 -0.12	34.82 1.20 -0.38	38.06 1.38 -0.27	41.71 2.55 -0.52	49.01 3.54 -0.67	60.31 4.54 -1.08	68.71 5.80 -1.18	76.85 6.93 -1.35	80.81 7.17 -1.94	83.86 4.69 -2.21	145.11 4.11 -4.04	150.17 3.85 -3.90	141.31 4.29 -6.98	128.97 4.99 -8.00	101.95 5.46 -7.03	64.07 4.11 -5.18	65.50 3.55 -2.71	53.31 1.74 -0.52	42.63 1.50 -0.52
STILLWATER____SOLAR 323814	38.08 2.26 0.00	33.03 1.87 0.00	29.69 1.65 0.00	28.29 1.58 0.00	28.80 1.58 0.00	30.74 1.74 0.00	35.14 1.89 0.00	38.63 2.22 0.00	41.12 2.48 0.00	47.76 2.96 0.00	58.30 3.61 0.00	66.18 4.45 0.00	73.52 4.94 0.00	76.87 5.17 -0.01	91.15 5.77 -8.42	203.86 10.69 -56.21	201.74 10.97 -48.34	346.63 10.15 -206.44	401.84 9.16 -276.69	336.55 7.16 -239.92	244.60 4.33 -185.49	140.21 4.74 -76.24	55.08 4.03 0.00	43.57 2.96 0.00
STONY____BROOK 24151	48.39 4.15 -8.42	46.92 3.61 -12.14	44.79 3.17 -13.59	40.41 2.94 -10.75	38.87 2.86 -8.79	39.86 3.13 -7.73	42.57 3.59 -5.74	46.16 4.59 -5.16	47.70 5.06 -3.99	49.61 4.80 -0.02	71.13 5.63 -10.81	153.90 6.23 -85.93	164.11 7.07 -88.47	292.57 7.89 -212.99	268.66 8.31 -183.39	266.40 16.43 -113.00	301.70 17.23 -142.04	279.58 15.73 -133.82	276.87 13.80 -147.08	365.94 9.75 -266.72	416.83 5.37 -356.68	277.87 5.87 -212.77	67.02 5.72 -10.26	53.84 4.83 -8.40
STURGEON_POOL_HYD 23609	38.44 2.61 0.00	33.47 2.31 0.00	30.03 1.99 0.00	28.56 1.84 0.00	29.04 1.82 0.00	30.94 1.94 0.00	35.37 2.13 0.00	39.18 2.77 0.00	41.81 3.17 0.00	47.98 3.18 0.00	58.84 4.16 0.00	66.24 4.51 0.00	73.79 5.21 0.00	77.50 5.81 0.00	80.32 6.31 2.94	139.00 12.46 10.43	144.54 13.10 11.00	150.76 12.22 -8.50	143.34 10.55 -16.80	116.88 7.60 -19.80	75.36 3.40 -17.19	72.99 3.79 -9.97	55.03 3.98 0.00	43.82 3.21 0.00
ST_LAW_115_BK7_LBMP 345037	35.93 -1.36 -1.47	31.06 -1.15 -1.05	27.79 -1.01 -0.75	26.45 -0.91 -0.64	26.98 -0.93 -0.69	28.80 -1.04 -0.85	33.37 -1.13 -1.25	35.07 -1.49 -0.15	38.66 -1.70 -1.72	43.02 -1.79 -0.01	55.43 -2.51 -3.26	59.81 -3.15 -1.22	62.16 -3.70 2.71	61.96 -3.80 5.94	64.75 -4.08 8.12	125.74 -6.98 4.25	132.38 -6.98 3.08	120.35 -6.37 3.31	98.14 -5.68 12.16	85.00 -4.47 0.00	52.21 -2.57 0.00	56.45 -2.78 0.00	48.75 -2.30 0.00	38.86 -1.74 0.00
ST_LAW_115_BK8_LBMP 345038	35.93 -1.36 -1.47	31.06 -1.15 -1.05	27.79 -1.01 -0.75	26.45 -0.91 -0.64	26.98 -0.93 -0.69	28.80 -1.04 -0.85	33.37 -1.13 -1.25	35.07 -1.49 -0.15	38.66 -1.70 -1.72	43.02 -1.79 -0.01	55.43 -2.51 -3.26	59.81 -3.15 -1.22	62.16 -3.70 2.71	61.96 -3.80 5.94	64.75 -4.08 8.12	125.74 -6.98 4.25	132.38 -6.98 3.08	120.35 -6.37 3.31	98.14 -5.68 12.16	85.00 -4.47 0.00	52.21 -2.57 0.00	56.45 -2.78 0.00	48.75 -2.30 0.00	38.86 -1.74 0.00

ST_LAW_230_BK5_LBMP 345035	35.43 -1.25 -0.87	30.72 -1.06 -0.62	27.56 -0.92 -0.45	26.27 -0.83 -0.38	26.78 -0.84 -0.41	28.54 -0.96 -0.50	32.95 -1.03 -0.74	35.11 -1.38 -0.09	38.11 -1.55 -1.01	43.20 -1.61 -0.01	54.32 -2.29 -1.93	59.55 -2.90 -0.72	62.56 -3.43 2.60	63.53 -3.51 4.66	67.10 -3.77 6.08	126.03 -6.44 4.49	132.19 -6.41 3.84	120.37 -5.85 3.81	101.66 -5.22 9.11	85.36 -4.11 0.00	52.43 -2.35 0.00	56.69 -2.55 0.00	48.91 -2.14 0.00	38.98 -1.63 0.00
ST_LAW_230_BK6_LBMP 345036	35.43 -1.25 -0.87	30.72 -1.06 -0.62	27.56 -0.92 -0.45	26.27 -0.83 -0.38	26.78 -0.84 -0.41	28.54 -0.96 -0.50	32.95 -1.03 -0.74	35.11 -1.38 -0.09	38.11 -1.55 -1.01	43.20 -1.61 -0.01	54.32 -2.29 -1.93	59.55 -2.90 -0.72	62.56 -3.43 2.60	63.53 -3.51 4.66	67.10 -3.77 6.08	126.03 -6.44 4.49	132.19 -6.41 3.84	120.37 -5.85 3.81	101.66 -5.22 9.11	85.36 -4.11 0.00	52.43 -2.35 0.00	56.69 -2.55 0.00	48.91 -2.14 0.00	38.98 -1.63 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.22 2.40 0.00	33.28 2.12 0.00	29.89 1.85 0.00	28.40 1.68 0.00	28.88 1.66 0.00	30.82 1.83 0.00	35.21 1.96 0.00	38.99 2.59 0.00	41.54 2.90 0.00	47.80 3.00 0.00	58.52 3.83 0.00	65.99 4.26 0.00	73.31 4.73 0.00	76.93 5.23 0.00	82.42 5.46 0.00	155.36 10.96 -7.43	160.65 11.54 -6.68	161.35 10.66 -20.65	151.95 9.05 -26.91	118.59 6.53 -22.59	71.80 3.45 -13.57	69.08 3.79 -6.06	54.78 3.73 0.00	43.57 2.96 0.00
SWANROAD_115KV_TB1 355699	35.32 -0.50 0.00	30.79 -0.37 0.00	27.76 -0.28 0.00	26.34 -0.37 0.00	26.78 -0.44 0.00	28.59 -0.41 0.00	32.71 -0.53 0.00	35.39 -1.02 0.00	37.91 -0.73 0.00	44.35 -0.45 0.00	54.47 -0.22 0.00	61.80 0.06 0.00	68.85 0.27 0.00	71.27 -0.43 0.00	76.42 -0.54 0.00	130.94 -6.03 0.00	135.17 -7.26 0.00	123.40 -6.63 0.00	111.58 -4.41 0.00	88.04 -1.43 0.00	54.94 0.16 0.00	58.76 -0.47 0.00	49.21 -1.84 0.00	39.92 -0.69 0.00
SYNERGY___BIOGAS 323694	36.68 0.86 0.00	31.82 0.66 0.00	28.69 0.65 0.00	27.22 0.51 0.00	27.76 0.54 0.00	29.63 0.64 0.00	34.01 0.77 0.00	36.96 0.55 0.00	39.61 0.97 0.00	46.50 1.70 0.00	56.77 2.08 0.00	63.58 1.85 0.00	71.33 2.75 0.00	73.85 2.15 0.00	79.26 2.31 0.00	136.56 -0.41 0.00	141.15 -1.28 0.00	129.26 -0.78 0.00	116.22 0.23 0.00	91.26 1.79 0.00	56.91 2.13 0.00	61.72 2.49 0.00	51.56 0.51 0.00	41.54 0.93 0.00
SYRACUSE___ENERGY_ST1 323597	37.51 0.21 -1.48	31.97 0.12 -0.68	28.32 0.14 -0.14	26.67 0.05 0.09	27.29 0.08 0.01	29.41 0.12 -0.29	34.68 0.23 -1.20	37.71 0.33 -0.98	40.63 0.35 -1.64	47.89 0.58 -2.50	58.97 0.82 -3.47	67.08 1.17 -4.18	74.46 1.44 -4.44	80.38 1.43 -7.25	86.82 1.62 -8.25	150.70 1.92 -11.82	155.75 1.71 -11.61	141.00 1.56 -9.40	126.18 1.62 -8.57	97.75 1.61 -6.67	59.94 1.10 -4.07	63.36 0.95 -3.18	53.47 0.46 -1.96	42.80 0.24 -1.95
SYRACUSE___ENERGY_ST2 323598	37.51 0.21 -1.48	31.97 0.12 -0.68	28.32 0.14 -0.14	26.67 0.05 0.09	27.29 0.08 0.01	29.41 0.12 -0.29	34.68 0.23 -1.20	37.71 0.33 -0.98	40.63 0.35 -1.64	47.89 0.58 -2.50	58.97 0.82 -3.47	67.08 1.17 -4.18	74.46 1.44 -4.44	80.38 1.43 -7.25	86.82 1.62 -8.25	150.70 1.92 -11.82	155.75 1.71 -11.61	141.00 1.56 -9.40	126.18 1.62 -8.57	97.75 1.61 -6.67	59.94 1.10 -4.07	63.36 0.95 -3.18	53.47 0.46 -1.96	42.80 0.24 -1.95
SYRACUSE___POWER 24017	36.72 0.00 -0.89	31.49 -0.06 -0.39	28.06 -0.03 -0.05	26.53 -0.08 0.11	27.09 -0.08 0.05	29.08 -0.06 -0.14	34.00 0.03 -0.72	37.17 0.11 -0.65	39.78 0.15 -0.99	46.80 0.31 -1.68	57.35 0.55 -2.11	65.26 0.80 -2.73	72.43 1.10 -2.76	77.65 1.08 -4.88	83.74 1.23 -5.56	145.62 1.23 -7.42	150.62 1.00 -7.19	136.73 0.91 -5.78	122.80 1.04 -5.77	95.03 1.07 -4.49	58.28 0.77 -2.74	61.96 0.59 -2.14	52.52 0.15 -1.32	41.96 0.04 -1.31
TALLMAN___138KV_BK151 55660	38.54 2.72 0.00	33.60 2.43 0.00	30.17 2.13 0.00	28.67 1.95 0.00	29.12 1.91 0.00	31.05 2.06 0.00	35.50 2.26 0.00	39.39 2.99 0.00	41.97 3.32 0.00	48.25 3.45 0.00	59.06 4.38 0.00	66.61 4.88 0.00	73.93 5.35 0.00	77.65 5.95 0.00	83.19 6.23 0.00	157.48 12.46 -8.05	162.94 13.25 -7.26	163.96 12.09 -21.83	154.56 10.21 -28.37	120.54 7.34 -23.73	72.68 3.83 -14.06	69.78 4.26 -6.28	55.24 4.19 0.00	43.98 3.37 0.00
TEALLAVE_115KV_TB7 355573	36.50 0.04 -0.64	31.39 -0.03 -0.25	28.01 -0.03 0.01	26.51 -0.08 0.12	27.08 -0.05 0.08	29.03 -0.03 -0.06	33.82 0.07 -0.51	37.04 0.11 -0.52	39.50 0.15 -0.70	46.48 0.31 -1.36	56.70 0.49 -1.52	64.68 0.80 -2.14	71.71 1.10 -2.04	76.66 1.00 -3.96	82.61 1.15 -4.50	143.61 1.10 -5.55	148.57 0.85 -5.29	135.04 0.78 -4.22	121.47 0.81 -4.67	94.09 0.98 -3.64	57.77 0.77 -2.22	61.56 0.59 -1.73	52.27 0.15 -1.07	41.71 0.04 -1.07
TELGRAPH_34_KV_EAST 80808	36.07 0.25 0.00	31.38 0.22 0.00	28.26 0.22 0.00	26.82 0.11 0.00	27.33 0.11 0.00	29.17 0.17 0.00	33.41 0.17 0.00	36.34 -0.07 0.00	38.87 0.23 0.00	45.52 0.72 0.00	55.78 1.09 0.00	63.21 1.48 0.00	70.57 1.99 0.00	73.06 1.36 0.00	78.34 1.39 0.00	134.77 -2.19 0.00	139.01 -3.42 0.00	127.17 -2.86 0.00	114.71 -1.28 0.00	90.36 0.89 0.00	56.37 1.59 0.00	60.36 1.13 0.00	50.49 -0.56 0.00	40.85 0.24 0.00
TEMPLE___115KV_TB 2 55572	36.50 0.04 -0.64	31.39 -0.03 -0.26	28.04 0.00 0.00	26.54 -0.05 0.12	27.09 -0.05 0.08	29.04 -0.03 -0.07	33.83 0.07 -0.52	37.07 0.15 -0.52	39.54 0.19 -0.71	46.52 0.36 -1.36	56.77 0.55 -1.53	64.74 0.86 -2.14	71.79 1.17 -2.05	76.79 1.15 -3.95	82.68 1.23 -4.49	143.91 1.37 -5.58	148.75 1.00 -5.32	135.19 0.91 -4.25	121.58 0.93 -4.66	94.18 1.07 -3.63	57.82 0.82 -2.21	61.61 0.65 -1.73	52.32 0.20 -1.07	41.71 0.04 -1.06
TIANA___69_KV_BK 1 55817	48.93 4.69 -8.41	47.36 4.05 -12.14	45.16 3.53 -13.59	40.73 3.26 -10.75	39.20 3.18 -8.79	40.21 3.48 -7.73	42.94 3.96 -5.74	46.59 5.02 -5.16	48.32 5.68 -3.99	50.59 5.78 -0.01	70.16 7.05 -8.42	136.78 8.09 -66.96	146.84 9.33 -68.93	247.84 10.18 -165.96	232.20 10.39 -144.86	248.30 19.86 -91.48	283.60 21.08 -120.09	281.18 19.25 -131.90	262.10 16.93 -129.18	315.18 11.99 -213.72	341.33 6.79 -279.76	234.15 7.58 -167.33	65.78 6.74 -7.99	54.02 5.44 -7.97
TILDEN___115KV_TB1 80814	36.72 0.00 -0.89	31.49 -0.06 -0.39	28.06 -0.03 -0.05	26.53 -0.08 0.11	27.09 -0.08 0.05	29.08 -0.06 -0.14	34.00 0.03 -0.72	37.17 0.11 -0.65	39.78 0.15 -0.99	46.80 0.31 -1.68	57.35 0.55 -2.11	65.26 0.80 -2.73	72.43 1.10 -2.76	77.65 1.08 -4.88	83.74 1.23 -5.56	145.62 1.23 -7.42	150.62 1.00 -7.19	136.73 0.91 -5.78	122.80 1.04 -5.77	95.03 1.07 -4.49	58.28 0.77 -2.74	61.96 0.59 -2.14	52.52 0.15 -1.32	41.96 0.04 -1.31
TRIGEN___CC 323695	47.77 3.55 -8.40	46.36 3.05 -12.14	44.32 2.69 -13.59	39.95 2.48 -10.75	38.44 2.42 -8.79	39.36 2.64 -7.73	41.94 2.96 -5.74	45.36 3.79 -5.16	46.81 4.17 -3.99	48.92 4.12 0.00	59.72 5.03 0.00	67.41 5.68 0.00	75.03 6.45 0.00	78.87 7.17 0.00	132.15 7.54 -47.65	198.43 15.07 -46.40	239.79 15.95 -81.40	292.52 14.56 -147.92	216.79 12.64 -88.17	130.08 8.86 -31.75	76.47 4.77 -16.93	71.61 5.39 -6.99	56.31 5.26 0.00	51.35 4.26 -6.48

TRINITY__115KV__4 BK 55933	36.82 1.00 0.00	32.01 0.84 0.00	28.83 0.79 0.00	27.46 0.75 0.00	27.95 0.73 0.00	29.81 0.81 0.00	34.01 0.76 0.00	37.50 1.09 0.00	39.80 1.16 0.00	46.06 1.25 0.00	56.27 1.59 0.00	63.65 1.91 0.00	70.64 2.06 0.00	73.91 2.22 0.01	75.04 2.54 4.46	123.73 5.07 18.30	126.64 5.27 21.06	190.35 4.55 -55.76	208.77 3.83 -88.95	183.13 2.77 -90.89	136.72 1.48 -80.46	100.35 1.72 -39.40	52.84 1.79 0.00	41.99 1.38 0.00
UNION__PROCESSING_DRP 323587	36.18 0.36 0.00	31.38 0.22 0.00	28.29 0.25 0.00	26.88 0.16 0.00	27.41 0.19 0.00	29.23 0.23 0.00	33.54 0.30 0.00	36.59 0.18 0.00	39.07 0.43 0.00	45.70 0.90 0.00	56.00 1.31 0.00	63.65 1.91 0.00	70.98 2.40 0.00	73.78 2.08 0.00	79.19 2.23 0.00	137.92 0.96 0.00	142.58 0.14 0.00	130.30 0.26 0.00	117.03 1.04 0.00	91.44 1.97 0.00	56.64 1.86 0.00	60.66 1.42 0.00	51.15 0.10 0.00	40.93 0.32 0.00
UPPER HUDSON__HYD 24058	37.93 2.11 0.00	32.88 1.71 0.00	29.53 1.49 0.00	28.13 1.41 0.00	28.61 1.39 0.00	30.59 1.59 0.00	35.01 1.76 0.00	38.48 2.07 0.00	41.00 2.36 0.00	47.89 3.09 0.00	58.08 3.39 0.00	66.12 4.38 0.00	73.58 5.00 0.00	76.65 4.94 -0.01	89.89 5.77 -7.16	198.66 10.55 -51.15	196.48 10.82 -43.23	345.64 10.15 -205.46	403.25 9.85 -277.41	339.67 7.70 -242.51	247.90 4.87 -188.24	143.02 5.33 -78.45	55.34 4.29 0.00	43.61 3.00 0.00
UPPER RAQUET__HYD 24056	22.61 -2.69 10.52	21.34 -2.27 7.55	20.51 -2.02 5.51	20.18 -1.82 4.72	20.37 -1.82 5.03	20.84 -2.00 6.15	22.14 -2.13 8.98	32.96 -2.51 0.94	23.44 -2.90 12.30	42.09 -3.05 -0.34	27.10 -4.27 23.32	48.36 -5.12 8.25	17.51 -6.10 44.97	32.77 -6.24 32.69	43.72 -6.70 26.54	28.41 -11.37 97.19	23.50 -11.53 107.40	23.90 -10.53 95.61	66.31 -9.28 40.40	83.52 -7.07 -1.12	51.52 -3.94 -0.69	55.45 -4.32 -0.54	47.55 -3.83 -0.33	37.89 -3.05 -0.33
VALLEY44_115KV_TB2 355964	36.39 0.57 0.00	31.73 0.56 0.00	28.57 0.53 0.00	27.09 0.37 0.00	27.52 0.30 0.00	29.40 0.41 0.00	33.81 0.57 0.00	37.06 0.66 0.00	39.45 0.81 0.00	46.24 1.43 0.00	56.71 2.02 0.00	64.57 2.84 0.00	72.08 3.50 0.00	74.85 3.15 0.00	80.19 3.23 0.00	138.06 1.10 0.00	143.00 0.57 0.00	130.56 0.52 0.00	117.15 1.16 0.00	92.06 2.59 0.00	57.41 2.63 0.00	61.01 1.78 0.00	51.20 0.15 0.00	41.18 0.57 0.00
VALLEY__115KV_TB 1-4 80826	36.20 0.61 0.23	31.53 0.53 0.16	28.37 0.45 0.12	27.02 0.40 0.10	27.55 0.44 0.11	29.36 0.49 0.13	33.65 0.60 0.19	37.15 0.76 0.02	39.19 0.81 0.27	45.79 0.99 0.00	55.49 1.31 0.51	63.15 1.61 0.19	74.34 1.78 -3.97	78.93 1.94 -5.30	84.93 2.00 -5.98	148.39 3.70 -7.73	153.78 3.70 -7.64	140.52 3.38 -7.11	127.95 3.02 -8.95	91.89 2.42 0.00	56.26 1.48 0.00	60.77 1.54 0.00	52.28 1.23 0.00	41.54 0.93 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.19 2.08 -0.29	33.18 1.87 -0.14	29.68 1.60 -0.05	28.19 1.47 0.00	28.79 1.55 -0.02	30.78 1.71 -0.07	35.51 2.03 -0.24	39.05 2.48 -0.17	41.59 2.63 -0.32	48.36 3.14 -0.42	59.24 3.88 -0.67	67.16 4.69 -0.73	74.63 5.21 -0.84	78.35 5.45 -1.21	84.18 5.85 -1.38	152.16 10.27 -4.93	156.87 10.40 -4.04	163.03 9.49 -23.50	156.54 8.70 -31.86	125.17 6.89 -28.81	81.37 4.22 -22.38	73.83 4.38 -10.22	54.95 3.57 -0.33	43.65 2.72 -0.33
VISCHER__FERRY HYD 24020	37.61 1.79 0.00	32.66 1.50 0.00	29.39 1.35 0.00	28.00 1.28 0.00	28.50 1.28 0.00	30.39 1.39 0.00	34.71 1.46 0.00	38.27 1.86 0.00	40.65 2.01 0.00	47.04 2.24 0.00	57.53 2.84 0.00	65.13 3.39 0.00	72.28 3.70 0.00	75.65 3.94 -0.01	93.89 4.38 -12.55	217.79 8.22 -72.60	215.97 8.55 -64.99	345.62 7.80 -207.79	394.51 6.84 -271.69	323.56 5.10 -228.99	232.27 2.96 -174.54	130.73 3.37 -68.12	54.06 3.01 0.00	42.92 2.31 0.00
V_A_10_SYNC_DSASP 323832	35.68 -0.14 0.00	31.04 -0.12 0.00	27.98 -0.06 0.00	26.56 -0.16 0.00	27.03 -0.19 0.00	28.85 -0.14 0.00	33.05 -0.20 0.00	35.75 -0.65 0.00	38.37 -0.27 0.00	44.98 0.18 0.00	55.02 0.33 0.00	62.53 0.80 0.00	70.02 1.44 0.00	72.41 0.72 0.00	77.65 0.69 0.00	133.95 -3.01 0.00	138.59 -3.84 0.00	126.53 -3.50 0.00	113.67 -2.32 0.00	89.29 -0.18 0.00	55.60 0.82 0.00	59.47 0.24 0.00	50.03 -1.02 0.00	40.33 -0.28 0.00
V_CMM_10_SYNC_DSASP 323787	36.07 -1.22 -1.47	31.18 -1.03 -1.05	27.90 -0.90 -0.75	26.56 -0.80 -0.64	27.09 -0.82 -0.69	28.91 -0.93 -0.85	33.53 -0.97 -1.25	35.25 -1.31 -0.15	38.85 -1.51 -1.72	43.24 -1.57 -0.01	55.70 -2.24 -3.26	60.12 -2.84 -1.22	62.44 -3.43 2.71	62.25 -3.51 5.94	65.06 -3.77 8.12	126.28 -6.44 4.25	132.95 -6.41 3.08	120.87 -5.85 3.31	98.49 -5.33 12.16	85.36 -4.11 0.00	52.48 -2.30 0.00	56.75 -2.49 0.00	48.95 -2.10 0.00	39.02 -1.58 0.00
V_CMP_10_SYNC_DSASP 323788	33.60 -1.29 0.93	29.41 -1.09 0.66	26.58 -0.98 0.48	25.43 -0.88 0.41	25.86 -0.93 0.43	27.42 -1.04 0.54	31.59 -0.86 0.79	35.33 -0.98 0.10	36.55 -1.00 1.09	44.62 -0.18 0.01	49.83 -2.79 2.07	55.22 -5.74 0.77	57.29 -5.28 6.01	59.18 -5.45 7.07	63.21 -5.77 7.98	115.15 -9.86 11.95	120.92 -9.41 12.11	110.44 -8.45 11.14	96.50 -7.54 11.95	83.48 -5.99 0.00	51.49 -3.29 0.00	55.50 -3.73 0.00	48.60 -2.45 0.00	39.43 -1.18 0.00
V_D_10_SYNC_DSASP 323841	36.83 -1.40 -2.40	31.72 -1.15 -1.71	28.24 -1.04 -1.23	26.85 -0.91 -1.05	27.41 -0.93 -1.12	29.34 -1.04 -1.38	34.19 -1.10 -2.05	35.20 -1.46 -0.25	39.75 -1.70 -2.80	43.07 -1.75 -0.02	57.50 -2.51 -5.33	60.58 -3.15 -2.00	61.78 -3.91 2.89	59.76 -4.01 7.92	61.37 -4.31 11.28	125.83 -7.26 3.87	133.41 -7.12 1.90	120.87 -6.63 2.54	93.18 -5.91 16.89	84.81 -4.66 0.00	52.26 -2.52 0.00	56.51 -2.72 0.00	48.70 -2.35 0.00	38.82 -1.79 0.00
V_E_10_SYNC_DSASP 323830	39.75 3.26 -0.67	34.40 2.90 -0.33	30.62 2.47 -0.11	28.97 2.24 -0.01	29.71 2.45 -0.04	31.92 2.76 -0.17	37.35 3.56 -0.55	40.88 4.08 -0.39	43.34 3.94 -0.75	50.70 4.93 -0.97	62.11 5.85 -1.57	70.78 7.34 -1.70	79.04 8.50 -1.95	83.33 8.82 -2.81	89.54 9.39 -3.20	159.34 16.02 -6.36	165.05 16.66 -5.96	160.05 15.99 -14.02	148.29 15.19 -17.11	117.57 12.97 -15.13	74.57 8.38 -11.41	73.09 8.23 -5.62	57.73 5.92 -0.76	45.75 4.39 -0.76
V_F_30_NSYNC__DSASP 323816	38.15 2.33 0.00	33.10 1.93 0.00	29.75 1.71 0.00	28.32 1.60 0.00	28.82 1.61 0.00	30.79 1.80 0.00	35.17 1.93 0.00	38.70 2.30 0.00	41.15 2.51 0.00	47.85 3.05 0.00	58.41 3.72 0.00	66.30 4.57 0.00	73.73 5.15 0.00	77.01 5.31 -0.01	90.82 6.01 -7.86	201.87 10.96 -53.94	199.88 11.40 -46.05	346.45 10.41 -206.00	402.51 9.51 -277.01	337.88 7.34 -241.08	245.94 4.44 -186.73	141.32 4.86 -77.23	55.18 4.13 0.00	43.66 3.05 0.00
V_F_30_SYNC_DSASP 323786	37.00 1.18 0.00	32.16 1.00 0.00	28.94 0.90 0.00	27.57 0.85 0.00	28.06 0.84 0.00	29.92 0.93 0.00	34.18 0.93 0.00	37.65 1.24 0.00	39.99 1.35 0.00	46.33 1.52 0.00	56.60 1.91 0.00	64.08 2.35 0.00	71.12 2.54 0.00	74.49 2.80 0.00	83.03 3.16 -2.92	164.03 6.16 -20.90	164.98 6.41 -16.14	254.82 5.59 -119.19	285.28 4.64 -164.66	240.39 3.40 -147.52	175.26 1.86 -118.61	112.10 2.19 -50.68	53.14 2.09 0.00	42.23 1.62 0.00

V_XM10_SYNC_DSASP 323789	33.60 -1.29 0.93	29.41 -1.09 0.66	26.58 -0.98 0.48	25.43 -0.88 0.41	25.86 -0.93 0.43	27.42 -1.04 0.54	31.59 -0.86 0.79	35.33 -0.98 0.10	36.55 -1.00 1.09	44.62 -0.18 0.01	49.83 -2.79 2.07	55.22 -5.74 0.77	57.29 -5.28 6.01	59.18 -5.45 7.07	63.21 -5.77 7.98	115.15 -9.86 11.95	120.92 -9.41 12.11	110.44 -8.45 11.14	96.50 -7.54 11.95	83.48 -5.99 0.00	51.49 -3.29 0.00	55.50 -3.73 0.00	48.60 -2.45 0.00	39.43 -1.18 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.69 2.87 0.00	33.72 2.56 0.00	30.28 2.24 0.00	28.75 2.03 0.00	29.21 1.99 0.00	31.17 2.17 0.00	35.60 2.36 0.00	39.50 3.09 0.00	42.12 3.48 0.00	48.39 3.58 0.00	59.28 4.59 0.00	66.86 5.12 0.00	74.27 5.69 0.00	78.01 6.31 0.00	83.57 6.62 0.00	158.17 13.01 -8.20	163.65 13.82 -7.40	164.76 12.61 -22.11	155.48 10.79 -28.71	121.16 7.69 -24.00	73.01 4.05 -14.18	70.07 4.50 -6.33	55.39 4.34 0.00	44.14 3.53 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.15 3.33 0.00	34.00 2.84 0.00	30.54 2.50 0.00	28.99 2.27 0.00	29.42 2.20 0.00	31.40 2.41 0.00	35.97 2.73 0.00	40.01 3.60 0.00	42.66 4.02 0.00	48.88 4.08 0.00	59.83 5.14 0.00	67.29 5.56 0.00	74.55 5.97 0.00	78.44 6.74 0.00	84.69 7.00 -0.73	160.11 14.11 -9.04	165.29 14.67 -8.18	167.20 13.39 -23.77	158.35 11.60 -30.77	123.23 8.14 -25.62	75.88 4.16 -16.93	70.96 4.74 -6.99	55.90 4.85 0.00	44.59 3.98 0.00
W50THST__13_KV_LOAD 356117	39.37 3.55 0.00	34.22 3.05 0.00	30.73 2.69 0.00	29.17 2.46 0.00	29.61 2.40 0.00	31.61 2.61 0.00	36.24 2.99 0.00	40.31 3.90 0.00	43.01 4.37 0.00	49.33 4.53 0.00	60.38 5.69 0.00	67.91 6.17 0.00	75.16 6.58 0.00	79.08 7.38 0.00	85.46 7.77 -0.73	161.35 15.34 -9.04	166.71 16.09 -8.18	168.37 14.56 -23.77	159.51 12.76 -30.77	124.04 8.95 -25.62	76.21 4.49 -16.93	71.38 5.15 -6.99	56.26 5.21 0.00	44.87 4.26 0.00
WADING RIVER_IC_1 23522	48.28 4.05 -8.41	46.79 3.49 -12.14	44.65 3.03 -13.59	40.27 2.80 -10.75	38.73 2.72 -8.79	39.71 2.99 -7.73	42.41 3.42 -5.74	45.97 4.40 -5.16	47.54 4.91 -3.99	49.47 4.66 -0.01	68.82 5.74 -8.39	135.03 6.54 -66.75	144.78 7.48 -68.72	245.46 8.31 -165.45	229.98 8.62 -144.40	245.16 16.98 -91.21	279.76 17.51 -119.81	277.88 15.99 -131.86	259.10 14.15 -128.97	312.45 9.84 -213.14	341.88 5.70 -281.40	232.42 6.34 -166.84	64.83 5.82 -7.97	53.28 4.71 -7.97
WADING RIVER_IC_2 23547	48.28 4.05 -8.41	46.79 3.49 -12.14	44.65 3.03 -13.59	40.27 2.80 -10.75	38.73 2.72 -8.79	39.71 2.99 -7.73	42.41 3.42 -5.74	45.97 4.40 -5.16	47.54 4.91 -3.99	49.47 4.66 -0.01	68.82 5.74 -8.39	135.03 6.54 -66.75	144.78 7.48 -68.72	245.46 8.31 -165.45	229.98 8.62 -144.40	245.16 16.98 -91.21	279.76 17.51 -119.81	277.88 15.99 -131.86	259.10 14.15 -128.97	312.45 9.84 -213.14	341.88 5.70 -281.40	232.42 6.34 -166.84	64.83 5.82 -7.97	53.28 4.71 -7.97
WADING RIVER_IC_3 23601	48.28 4.05 -8.41	46.79 3.49 -12.14	44.65 3.03 -13.59	40.27 2.80 -10.75	38.73 2.72 -8.79	39.71 2.99 -7.73	42.41 3.42 -5.74	45.97 4.40 -5.16	47.54 4.91 -3.99	49.47 4.66 -0.01	68.82 5.74 -8.39	135.03 6.54 -66.75	144.78 7.48 -68.72	245.46 8.31 -165.45	229.98 8.62 -144.40	245.16 16.98 -91.21	279.76 17.51 -119.81	277.88 15.99 -131.86	259.10 14.15 -128.97	312.45 9.84 -213.14	341.88 5.70 -281.40	232.42 6.34 -166.84	64.83 5.82 -7.97	53.28 4.71 -7.97
WALDENNY_12_KV_BK2 80841	36.39 0.57 0.00	31.63 0.47 0.00	28.52 0.48 0.00	27.04 0.32 0.00	27.49 0.27 0.00	29.37 0.38 0.00	33.71 0.47 0.00	36.70 0.29 0.00	39.34 0.70 0.00	46.06 1.25 0.00	56.60 1.91 0.00	64.33 2.59 0.00	71.73 3.15 0.00	74.49 2.80 0.00	79.80 2.85 0.00	137.10 0.14 0.00	141.44 -1.00 0.00	129.13 -0.91 0.00	116.45 0.46 0.00	91.62 2.15 0.00	57.14 2.36 0.00	60.95 1.72 0.00	51.05 0.00 0.00	41.22 0.61 0.00
WALDEN__HYDRO 24148	38.44 2.61 0.00	33.47 2.31 0.00	30.03 1.99 0.00	28.56 1.84 0.00	29.04 1.82 0.00	30.97 1.97 0.00	35.41 2.16 0.00	39.21 2.80 0.00	41.81 3.17 0.00	48.07 3.27 0.00	58.90 4.21 0.00	66.36 4.63 0.00	73.79 5.21 0.00	77.43 5.74 0.00	82.96 6.00 0.00	155.14 11.92 -6.26	160.46 12.53 -5.50	162.14 11.70 -20.40	153.12 10.09 -27.05	119.97 7.34 -23.16	73.61 3.83 -14.99	70.14 4.21 -6.69	55.13 4.08 0.00	43.86 3.25 0.00
WARRENSBURG____ 23737	37.93 2.11 0.00	32.88 1.71 0.00	29.53 1.49 0.00	28.13 1.41 0.00	28.61 1.39 0.00	30.59 1.59 0.00	35.01 1.76 0.00	38.48 2.07 0.00	41.00 2.36 0.00	47.89 3.09 0.00	58.08 3.39 0.00	66.12 4.38 0.00	73.58 5.00 0.00	76.65 4.94 -0.01	89.89 5.77 -7.16	198.66 10.55 -51.15	196.48 10.82 -43.23	345.64 10.15 -205.46	403.25 9.85 -277.41	339.67 7.70 -242.51	247.90 4.87 -188.24	143.02 5.33 -78.45	55.34 4.29 0.00	43.61 3.00 0.00
WATERSIDE____6 8 9 23538	39.27 3.44 -0.01	34.13 2.96 -0.01	30.63 2.58 -0.01	29.09 2.38 0.00	29.54 2.31 -0.01	31.46 2.46 0.00	36.00 2.76 0.00	40.05 3.64 0.00	42.62 3.98 0.00	48.57 3.76 0.00	59.34 4.65 0.00	66.67 4.94 0.00	73.78 5.21 0.01	77.64 5.95 0.01	83.92 6.23 -0.73	158.74 12.74 -9.03	163.86 13.25 -8.18	165.89 12.09 -23.76	157.31 10.55 -30.77	122.42 7.34 -25.61	70.78 3.67 -12.33	70.48 4.26 -6.98	55.55 4.49 -0.01	44.55 3.94 0.00
WATKINRD_115KV_LN8_ILLION 55919	36.06 0.47 0.23	31.41 0.41 0.16	28.29 0.36 0.12	26.94 0.32 0.10	27.47 0.35 0.11	29.24 0.38 0.13	33.52 0.47 0.19	36.97 0.58 0.02	38.99 0.62 0.27	45.52 0.72 0.00	55.17 0.98 0.51	62.72 1.17 0.19	73.86 1.30 -3.97	78.35 1.36 -5.30	84.39 1.46 -5.98	147.43 2.74 -7.73	152.92 2.85 -7.64	139.74 2.60 -7.11	127.26 2.32 -8.95	91.35 1.88 0.00	55.93 1.15 0.00	60.42 1.18 0.00	52.02 0.97 0.00	41.34 0.73 0.00
WATSON__69_KV_BK 1 55734	48.85 4.62 -8.41	47.32 4.02 -12.14	45.16 3.53 -13.59	40.73 3.26 -10.75	39.22 3.21 -8.79	40.23 3.51 -7.73	42.97 3.99 -5.74	46.59 5.02 -5.16	48.20 5.56 -3.99	50.36 5.56 -0.01	65.49 6.56 -4.24	102.81 7.35 -33.73	111.81 8.50 -34.73	164.70 9.39 -83.61	168.19 9.93 -81.31	213.33 19.45 -56.91	248.66 20.65 -85.58	279.75 18.86 -130.86	232.65 16.59 -100.08	222.79 11.90 -121.42	210.74 6.63 -149.34	154.23 7.23 -87.76	61.76 6.69 -4.03	53.24 5.40 -7.23
WDELAWARE__HYD 323627	37.54 1.72 0.00	32.69 1.53 0.00	29.30 1.26 0.00	27.84 1.12 0.00	28.33 1.12 0.00	30.24 1.25 0.00	34.61 1.36 0.00	38.27 1.86 0.00	40.81 2.16 0.00	46.95 2.15 0.00	57.48 2.79 0.00	64.82 3.09 0.00	72.14 3.56 0.00	75.71 4.01 0.00	81.11 4.15 0.00	147.78 8.77 -2.04	153.21 9.40 -1.38	155.39 9.10 -16.25	146.78 8.00 -22.79	115.94 5.73 -20.74	73.88 2.85 -16.25	69.51 3.02 -7.26	54.06 3.01 0.00	42.88 2.27 0.00
WEST BABYLON__IC 23714	48.60 4.37 -8.40	47.11 3.80 -12.14	44.96 3.34 -13.59	40.57 3.10 -10.75	39.06 3.05 -8.79	40.03 3.31 -7.73	42.77 3.79 -5.74	46.30 4.73 -5.16	47.89 5.26 -3.99	49.91 5.11 0.00	61.79 6.07 -1.03	76.74 6.79 -8.22	84.93 7.89 -8.46	100.82 8.75 -20.38	123.12 9.31 -36.85	189.15 18.35 -33.83	225.36 19.51 -63.42	280.58 17.94 -132.60	211.97 15.77 -80.21	151.86 11.27 -51.12	110.17 6.19 -49.20	92.66 6.75 -26.67	58.31 6.28 -0.98	52.39 5.12 -6.66

WEST CANADA___HYD 24049	35.88 0.29 0.23	31.25 0.25 0.16	28.15 0.22 0.12	26.83 0.21 0.10	27.33 0.22 0.11	29.10 0.23 0.13	33.31 0.26 0.19	36.75 0.36 0.02	38.80 0.43 0.27	45.25 0.45 0.00	54.78 0.60 0.51	62.29 0.74 0.19	73.39 0.83 -3.98	77.66 0.86 -5.10	83.86 0.93 -5.98	146.35 1.65 -7.74	151.80 1.72 -7.65	138.72 1.57 -7.12	126.33 1.40 -8.95	90.55 1.08 0.00	55.38 0.60 0.00	59.95 0.71 0.00	51.67 0.61 0.00	41.10 0.49 0.00
WESTERN_NY_WIND 24143	36.61 0.79 0.00	31.79 0.62 0.00	28.66 0.62 0.00	27.17 0.45 0.00	27.74 0.52 0.00	29.60 0.61 0.00	33.94 0.70 0.00	37.03 0.62 0.00	39.53 0.89 0.00	46.28 1.48 0.00	56.71 2.02 0.00	63.65 1.91 0.00	71.05 2.47 0.00	73.63 1.94 0.00	79.03 2.08 0.00	136.14 -0.82 0.00	140.58 -1.85 0.00	128.74 -1.30 0.00	116.10 0.12 0.00	91.35 1.88 0.00	56.97 2.19 0.00	61.60 2.37 0.00	51.46 0.41 0.00	41.50 0.89 0.00
WESTOVER___LESR 323668	37.39 0.93 -0.64	32.29 0.81 -0.32	28.87 0.73 -0.10	27.34 0.61 -0.01	27.89 0.63 -0.04	29.88 0.72 -0.16	34.67 0.90 -0.52	37.87 1.09 -0.37	40.60 1.24 -0.72	47.30 1.57 -0.93	58.26 2.08 -1.49	65.95 2.59 -1.62	73.53 3.09 -1.86	77.46 3.08 -2.68	83.31 3.31 -3.05	147.02 4.38 -5.67	152.13 4.27 -5.42	144.36 4.03 -10.29	131.81 3.83 -12.00	103.64 3.67 -10.50	65.10 2.52 -7.80	65.59 2.37 -3.99	53.31 1.53 -0.72	42.55 1.22 -0.72
WETHRSFD_WT_PWR 323626	36.18 0.36 0.00	31.44 0.28 0.00	28.35 0.31 0.00	26.90 0.19 0.00	27.36 0.14 0.00	29.20 0.20 0.00	33.58 0.33 0.00	36.59 0.18 0.00	39.11 0.47 0.00	45.83 1.03 0.00	56.06 1.37 0.00	63.58 1.85 0.00	71.25 2.67 0.00	73.85 2.15 0.00	79.42 2.46 0.00	136.83 -0.14 0.00	141.87 -0.57 0.00	129.78 -0.26 0.00	116.57 0.58 0.00	91.44 1.97 0.00	56.91 2.13 0.00	60.83 1.60 0.00	51.10 0.05 0.00	41.06 0.45 0.00
WHAVSTOR_138KV_BK127 55557	38.51 2.69 0.00	33.53 2.37 0.00	30.11 2.07 0.00	28.61 1.90 0.00	29.07 1.85 0.00	31.03 2.03 0.00	35.44 2.19 0.00	39.32 2.91 0.00	41.89 3.25 0.00	48.12 3.32 0.00	58.90 4.21 0.00	66.43 4.69 0.00	73.72 5.14 0.00	77.43 5.74 0.00	82.96 6.00 0.00	157.11 11.92 -8.23	162.53 12.68 -7.42	163.77 11.57 -22.16	154.62 9.86 -28.78	120.50 6.98 -24.05	72.65 3.67 -14.20	69.66 4.09 -6.34	55.08 4.03 0.00	43.90 3.29 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.51 2.69 0.00	33.53 2.37 0.00	30.11 2.07 0.00	28.61 1.90 0.00	29.07 1.85 0.00	31.03 2.03 0.00	35.44 2.19 0.00	39.32 2.91 0.00	41.89 3.25 0.00	48.12 3.32 0.00	58.90 4.21 0.00	66.43 4.69 0.00	73.72 5.14 0.00	77.43 5.74 0.00	82.96 6.00 0.00	157.11 11.92 -8.23	162.53 12.68 -7.42	163.77 11.57 -22.16	154.62 9.86 -28.78	120.50 6.98 -24.05	72.65 3.67 -14.20	69.66 4.09 -6.34	55.08 4.03 0.00	43.90 3.29 0.00
WHITEHAL_115KV_TB1 80871	39.01 3.19 0.00	33.78 2.62 0.00	30.31 2.27 0.00	28.88 2.16 0.00	29.37 2.15 0.00	31.49 2.49 0.00	36.04 2.79 0.00	39.58 3.17 0.00	42.20 3.56 0.00	49.42 4.61 0.00	59.99 5.30 0.00	68.46 6.73 0.00	76.19 7.61 0.00	79.45 7.74 -0.01	93.26 8.85 -7.45	205.30 16.02 -52.31	203.36 16.52 -44.40	351.33 15.60 -205.69	407.84 14.61 -277.24	343.01 11.63 -241.91	249.68 7.29 -187.61	145.00 7.82 -77.94	57.33 6.28 0.00	44.99 4.39 0.00
WHITEPLN_13_KV_LOAD 356215	39.26 3.44 0.00	34.13 2.96 0.00	30.62 2.58 0.00	29.07 2.35 0.00	29.53 2.31 0.00	31.55 2.55 0.00	36.14 2.89 0.00	40.12 3.71 0.00	42.82 4.17 0.00	49.24 4.44 0.00	60.27 5.58 0.00	67.97 6.24 0.00	75.44 6.86 0.00	79.30 7.60 0.00	85.76 8.08 -0.73	162.28 16.30 -9.01	167.97 17.38 -8.16	169.86 16.12 -23.70	160.24 13.57 -30.68	124.60 9.57 -25.55	76.76 5.09 -16.89	71.83 5.63 -6.97	56.36 5.31 0.00	44.87 4.26 0.00
WM_FLOYD_69_KV_BK2 356380	48.60 4.37 -8.41	47.07 3.77 -12.14	44.93 3.31 -13.59	40.52 3.05 -10.75	39.01 2.99 -8.79	40.00 3.28 -7.73	42.74 3.76 -5.74	46.30 4.73 -5.16	47.89 5.26 -3.99	50.01 5.20 -0.01	69.38 6.13 -8.56	136.80 6.98 -68.09	146.70 8.02 -70.10	249.36 8.89 -168.77	233.49 9.23 -147.30	247.65 17.81 -92.88	282.92 18.94 -121.54	279.56 17.42 -132.10	261.63 15.31 -130.33	317.38 11.00 -216.91	345.23 6.24 -284.21	236.15 6.87 -170.05	65.46 6.28 -8.13	53.68 5.08 -8.00
WOODARD__115KV_TB2 355635	36.75 -0.04 -0.96	31.49 -0.09 -0.42	28.01 -0.08 -0.05	26.49 -0.11 0.11	27.05 -0.11 0.05	29.06 -0.09 -0.15	33.99 -0.03 -0.78	37.14 0.04 -0.70	39.78 0.08 -1.06	46.84 0.22 -1.81	57.34 0.38 -2.27	65.28 0.62 -2.93	72.44 0.89 -2.97	77.81 0.86 -5.25	83.85 0.92 -5.97	145.77 0.82 -7.98	150.73 0.57 -7.73	136.78 0.52 -6.22	122.88 0.70 -6.20	95.10 0.81 -4.83	58.32 0.60 -2.94	62.01 0.47 -2.30	52.52 0.05 -1.42	41.98 -0.04 -1.41
YORK___WARBASSE 23770	39.52 3.69 -0.01	34.35 3.18 -0.01	30.82 2.78 -0.01	29.26 2.54 -0.01	29.73 2.50 -0.01	31.63 2.64 0.00	36.17 2.93 0.00	40.23 3.82 0.00	42.78 4.13 0.00	48.79 3.99 0.00	59.66 4.98 0.00	67.04 5.31 0.00	74.13 5.55 0.01	78.00 6.31 0.01	84.38 6.70 -0.73	159.15 13.15 -9.03	164.28 13.67 -8.18	166.41 12.61 -23.76	157.89 11.13 -30.77	122.87 7.78 -25.62	71.44 3.78 -12.88	70.60 4.38 -6.98	84.72 4.90 -28.77	44.71 4.10 0.00