

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion									
Generator Data		12/12/2024																									
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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
	36.93	35.15	33.51	33.48	34.96	37.84	47.80	51.51	51.03	49.12	66.82	65.35	65.38	65.97	74.95	82.43	76.00	97.11	100.31	93.11	88.76	75.88	67.83	61.85			
	2.35	2.08	1.84	1.86	1.98	2.24	3.29	3.77	3.81	3.78	4.90	4.84	4.96	4.97	5.36	5.51	5.70	9.26	8.16	6.45	5.88	5.20	4.94	4.60			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.55	-7.81	-7.08	-6.93	-12.50	-19.54	-14.92	-2.19	-12.22	-22.73	-24.03	-15.36	-7.39	-1.81		
74TH STREET_GT_1 24260	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
	36.99	35.25	33.51	33.48	34.96	37.84	47.76	51.51	50.98	49.08	66.64	65.29	65.26	65.85	74.82	82.34	75.94	97.03	100.31	93.09	88.80	75.91	67.84	61.86			
	2.42	2.18	1.84	1.87	1.98	2.24	3.25	3.77	3.77	3.73	4.73	4.80	4.85	4.87	5.25	5.45	5.65	9.17	8.15	6.39	5.88	5.20	4.94	4.60			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.53	-7.80	-7.07	-6.92	-12.48	-19.52	-14.92	-2.19	-12.22	-22.77	-24.07	-15.39	-7.40	-1.81		
74TH STREET_GT_2 24261	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
	36.99	35.25	33.51	33.48	34.96	37.84	47.76	51.51	50.98	49.08	66.64	65.29	65.26	65.85	74.82	82.34	75.94	97.03	100.31	93.09	88.80	75.91	67.84	61.86			
	2.42	2.18	1.84	1.87	1.98	2.24	3.25	3.77	3.77	3.73	4.73	4.80	4.85	4.87	5.25	5.45	5.65	9.17	8.15	6.39	5.88	5.20	4.94	4.60			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.53	-7.80	-7.07	-6.92	-12.48	-19.52	-14.92	-2.19	-12.22	-22.77	-24.07	-15.39	-7.40	-1.81		
ADK HUDSON___FALLS 24011	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
	37.17	35.81	34.08	34.05	35.62	38.59	48.52	51.99	49.43	47.06	60.59	58.78	59.22	59.97	64.47	72.36	80.69	97.36	139.70	101.27	97.43	81.48	70.75	62.98			
	2.59	2.74	2.41	2.43	2.64	2.99	4.01	4.25	4.04	3.65	4.62	4.43	4.37	4.43	4.74	5.11	5.21	8.74	8.39	6.65	6.06	5.42	5.27	5.10			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	-0.52	-1.60	-1.66	-1.50	-1.47	-2.65	-9.88	-20.11	-2.95	-51.37	-30.69	-32.53	-20.74	-9.98	-2.44		
ADK RESOURCE___RCVRY 23798	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
	37.30	35.97	34.24	34.20	35.79	38.80	48.83	52.32	49.74	47.32	60.75	59.03	59.53	60.23	64.80	72.70	81.04	97.96	140.57	101.71	97.84	81.86	71.08	63.32			
	2.73	2.91	2.56	2.59	2.80	3.21	4.32	4.58	4.35	3.90	4.79	4.69	4.70	4.70	5.08	5.45	5.54	9.34	9.03	7.09	6.47	5.81	5.60	5.44			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	-0.52	-1.59	-1.65	-1.50	-1.46	-2.64	-9.87	-20.13	-2.95	-51.60	-30.69	-32.52	-20.74	-9.98	-2.45		
ADK S GLENS___FALLS 24028	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
	37.17	35.81	34.08	34.05	35.62	38.59	48.52	51.99	49.43	47.06	60.59	58.78	59.22	59.97	64.47	72.36	80.69	97.36	139.70	101.27	97.43	81.48	70.75	62.98			
	2.59	2.74	2.41	2.43	2.64	2.99	4.01	4.25	4.04	3.65	4.62	4.43	4.37	4.43	4.74	5.11	5.21	8.74	8.39	6.65	6.06	5.42	5.27	5.10			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	-0.52	-1.60	-1.66	-1.50	-1.47	-2.65	-9.88	-20.11	-2.95	-51.37	-30.69	-32.53	-20.74	-9.98	-2.44		
ADK_NYS___DAM 23527	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
	36.72	35.11	33.57	33.51	35.03	37.84	47.49	50.99	48.65	46.50	60.39	58.71	59.21	59.89	64.61	72.14	79.08	95.46	126.29	98.68	94.91	79.67	69.52	62.01			
	2.14	2.05	1.90	1.90	2.05	2.24	2.98	3.25	3.14	2.96	4.02	3.95	4.00	4.00	4.22	4.36	4.26	6.94	6.40	5.12	4.65	4.32	4.38	4.21			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.61	-0.65	-1.99	-2.06	-1.87	-1.83	-3.30	-10.41	-19.44	-2.85	-39.96	-29.64	-31.42	-20.03	-9.64	-2.36		
AIR_PRODUCTS___DRP 24190	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
	34.92	33.49	32.02	31.96	33.38	35.96	45.09	48.36	46.03	44.16	58.13	56.45	56.96	57.74	61.97	69.01	76.65	91.21	115.16	95.77	92.33	77.21	67.12	59.71			
	0.35	0.43	0.35	0.35	0.40	0.36	0.58	0.62	0.63	0.73	2.12	2.06	2.08	2.16	2.17	1.84	1.66	2.66	2.40	1.92	1.77	1.66	1.89	1.88			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.53	-1.64	-1.70	-1.54	-1.51	-2.72	-9.79	-19.61	-2.88	-32.82	-29.93	-31.72	-20.23	-9.73	-2.38		
AKWESSNE_115KV_BK 355683	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
	31.81	30.43	29.10	29.01	30.73	35.31	44.15	47.50	44.58	42.51	50.18	49.05	49.60	50.28	52.67	53.19	54.54	82.84	78.50	62.90	58.02	54.60	54.67	54.72			
	-0.17	-0.13	-0.16	-0.19	-0.23	-0.28	-0.36	-0.24	-0.31	-0.39	-0.49	-0.42	-0.48	-0.49	-0.57	-0.69	-0.83	-1.71	-1.44	-1.02	-0.82	-0.72	-0.83	-0.72			
	2.59	2.50	2.42	2.41	2.03	0.00	0.00	0.00	0.00	0.00	3.71	3.22	3.26	3.30	3.85	3.50	0.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
	35.58	34.15	32.69	32.62	34.07	36.70	46.02	49.26	46.63	44.52	57.75	56.12	56.65	57.43	61.67	68.83	76.77	92.08	110.76	95.91	92.42	77.46	67.51	60.27			
	1.00	1.09	1.01	1.01	1.09	1.10	1.51	1.53	1.30	1.16	1.95	1.95	1.97	2.05	2.22	2.24	2.22	3.60	3.43	2.75	2.59	2.38	2.50	2.50			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	-0.46	-1.42	-1.47	-1.34	-1.31	-2.36	-9.22	-19.18	-2.81	-27.39	-29.24	-30.99	-19.76	-9.51	-2.33		
ALBANY_2_SOLAR 323834	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
	35.58	34.15	32.66	32.62	34.04	36.70	45.98	49.26	46.63	44.52	57.75	56.12	56.65	57.43	61.61	68.78	76.71	92.08	110.68	95.91	92.36	77.46	67.51	60.27			
	1.00	1.09	0.98	1.01	1.06	1.10	1.47	1.53	1.30	1.16	1.95	1.95	1.97	2.05	2.17	2.18	2.16	3.60	3.36	2.75	2.53	2.38	2.50	2.50			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	-0.46	-1.42	-1.47	-1.34	-1.31	-2.36	-9.22	-19.18	-2.81	-27.38	-29.24	-30.99	-19.76	-9.51	-2.33		
ALBANY___1 23571	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
	34.92	33.49	32.02	31.96	33.38	35.96	45.09	48.36	46.03	44.16	58.13	56.45	56.96	57.74	61.97	69.01	76.65	91.21	115.16	95.77	92.33	77.21	67.12	59.71			
	0.35	0.43	0.35	0.35	0.40	0.36	0.58	0.62	0.63	0.73	2.12	2.06	2.08	2.16	2.17	1.84	1.66	2.66	2.40	1.92	1.77	1.66	1.89	1.88			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.53	-1.64	-1.70	-1.54	-1.51	-2.72	-9.79	-19.61	-2.88	-32.82	-29.93	-31.72	-20.23	-9.73	-2.38		

ALBANY___2 23572	34.92 0.35 0.00	33.49 0.43 0.00	32.02 0.35 0.00	31.96 0.35 0.00	33.38 0.40 0.00	35.96 0.36 0.00	45.09 0.58 0.00	48.36 0.62 0.00	46.03 0.63 -0.50	44.16 0.73 -0.53	58.13 2.12 -1.64	56.45 2.06 -1.70	56.96 2.08 -1.54	57.74 2.16 -1.51	61.97 2.17 -2.72	69.01 1.84 -9.79	76.65 1.66 -19.61	91.21 2.66 -2.88	115.16 2.40 -32.82	95.77 1.92 -29.93	92.33 1.77 -31.72	77.21 1.66 -20.23	67.12 1.89 -9.73	59.71 1.88 -2.38
ALBANY___3 23573	34.92 0.35 0.00	33.49 0.43 0.00	32.02 0.35 0.00	31.96 0.35 0.00	33.38 0.40 0.00	35.96 0.36 0.00	45.09 0.58 0.00	48.36 0.62 0.00	46.03 0.63 -0.50	44.16 0.73 -0.53	58.13 2.12 -1.64	56.45 2.06 -1.70	56.96 2.08 -1.54	57.74 2.16 -1.51	61.97 2.17 -2.72	69.01 1.84 -9.79	76.65 1.66 -19.61	91.21 2.66 -2.88	115.16 2.40 -32.82	95.77 1.92 -29.93	92.33 1.77 -31.72	77.21 1.66 -20.23	67.12 1.89 -9.73	59.71 1.88 -2.38
ALBANY___4 23574	34.92 0.35 0.00	33.49 0.43 0.00	32.02 0.35 0.00	31.96 0.35 0.00	33.38 0.40 0.00	35.96 0.36 0.00	45.09 0.58 0.00	48.36 0.62 0.00	46.03 0.63 -0.50	44.16 0.73 -0.53	58.13 2.12 -1.64	56.45 2.06 -1.70	56.96 2.08 -1.54	57.74 2.16 -1.51	61.97 2.17 -2.72	69.01 1.84 -9.79	76.65 1.66 -19.61	91.21 2.66 -2.88	115.16 2.40 -32.82	95.77 1.92 -29.93	92.33 1.77 -31.72	77.21 1.66 -20.23	67.12 1.89 -9.73	59.71 1.88 -2.38
ALBANY___LFGE 323615	35.20 0.62 0.00	33.76 0.70 0.00	32.27 0.60 0.00	32.21 0.60 0.00	33.64 0.66 0.00	36.31 0.71 0.00	45.53 1.02 0.00	48.88 1.14 0.00	46.51 1.12 -0.50	44.58 1.16 -0.52	58.43 2.45 -1.61	56.79 2.43 -1.67	57.36 2.51 -1.51	58.09 2.54 -1.48	62.32 2.57 -2.67	69.48 2.30 -9.80	77.32 2.16 -19.79	92.09 3.51 -2.90	121.91 3.20 -38.77	96.66 2.56 -30.18	93.18 2.36 -31.98	77.93 2.22 -20.39	67.64 2.33 -9.81	60.17 2.33 -2.41
ALCOA_PA_115KV_PL-6C 55860	31.88 -0.10 2.59	30.50 -0.07 2.50	29.16 -0.10 2.42	29.07 -0.13 2.41	30.79 -0.16 2.03	35.39 -0.21 0.00	44.24 -0.27 0.00	47.59 -0.14 0.00	44.67 -0.22 0.00	42.60 -0.30 0.00	50.29 -0.38 3.71	49.16 -0.32 3.22	49.71 -0.37 3.26	50.38 -0.38 3.30	52.73 -0.51 3.85	53.30 -0.57 3.50	54.66 -0.72 0.00	83.02 -1.54 1.11	78.66 -1.28 0.00	63.03 -0.89 0.00	58.14 -0.71 0.00	54.71 -0.61 0.00	54.78 -0.72 0.00	54.83 -0.61 0.00
ALCOA_RYNLDS___DRP 24188	31.88 -0.10 2.59	30.50 -0.07 2.50	29.16 -0.10 2.42	29.07 -0.13 2.41	30.79 -0.16 2.03	35.39 -0.21 0.00	44.24 -0.27 0.00	47.59 -0.14 0.00	44.67 -0.22 0.00	42.60 -0.30 0.00	50.29 -0.38 3.71	49.16 -0.32 3.22	49.71 -0.37 3.26	50.38 -0.38 3.30	52.73 -0.51 3.85	53.30 -0.57 3.50	54.66 -0.72 0.00	83.02 -1.54 1.11	78.66 -1.28 0.00	63.03 -0.89 0.00	58.14 -0.71 0.00	54.71 -0.61 0.00	54.78 -0.72 0.00	54.83 -0.61 0.00
ALCOA___DSASP 323711	31.85 -0.14 2.59	30.50 -0.07 2.50	29.16 -0.09 2.42	29.07 -0.13 2.41	30.79 -0.16 2.03	35.39 -0.21 0.00	44.24 -0.27 0.00	47.59 -0.14 0.00	44.67 -0.22 0.00	42.60 -0.30 0.00	50.29 -0.38 3.71	49.16 -0.31 3.22	49.71 -0.37 3.26	50.39 -0.38 3.30	52.72 -0.51 3.85	53.30 -0.57 3.50	54.65 -0.72 0.00	83.02 -1.54 1.11	78.66 -1.28 0.00	63.03 -0.90 0.00	58.14 -0.70 0.00	54.71 -0.61 0.00	54.78 -0.72 0.00	54.83 -0.61 0.00
ALLEGHENY___COGEN 23514	34.33 -0.24 0.00	32.83 -0.23 0.00	31.49 -0.19 0.00	31.45 -0.16 0.00	32.79 -0.20 0.00	35.85 0.25 0.00	45.00 0.49 0.00	47.74 0.00 0.00	44.49 -0.40 0.00	42.43 -0.47 0.00	50.29 -4.08 0.00	48.73 -4.43 -0.46	49.09 -4.22 0.03	49.79 -4.27 0.00	52.86 -4.22 0.00	54.34 -3.90 -0.87	55.22 -2.77 -2.61	85.43 -2.49 -2.25	80.35 -1.92 -2.33	66.33 -1.60 -4.00	60.60 -1.65 -3.40	55.71 -2.32 -2.71	54.86 -1.94 -1.30	54.21 -1.55 -0.32
ALTAMONT_115KV_TB 2 55880	35.37 0.80 0.00	33.89 0.83 0.00	32.43 0.76 0.00	32.37 0.76 0.00	33.81 0.82 0.00	36.42 0.82 0.00	45.67 1.16 0.00	48.98 1.24 0.00	46.60 1.21 -0.49	44.58 1.16 -0.52	57.88 1.90 -1.60	56.20 1.84 -1.66	56.76 1.92 -1.50	57.48 1.95 -1.47	61.73 2.00 -2.65	69.09 2.01 -9.71	76.97 1.99 -19.60	91.72 3.17 -2.88	111.50 2.96 -28.61	96.21 2.37 -29.92	92.73 2.18 -31.71	77.53 1.99 -20.22	67.28 2.05 -9.73	59.82 2.00 -2.38
ALTONA_WT_PWR 323606	-6.83 -1.42 39.98	-6.94 -1.36 38.64	-7.01 -1.33 37.35	-7.04 -1.36 37.29	0.23 -1.42 31.34	34.00 -1.60 0.00	42.37 -2.14 0.00	45.83 -1.91 0.00	43.01 -1.88 0.00	40.97 -1.93 0.00	-5.55 -2.66 57.26	0.41 -2.53 49.76	0.41 -2.61 50.32	0.36 -2.65 51.06	-5.32 -2.97 59.44	0.32 -2.99 54.07	52.55 -2.82 0.00	63.85 -4.63 17.19	76.02 -3.92 0.00	61.63 -2.30 0.00	57.02 -1.82 0.00	53.22 -2.10 0.00	53.28 -2.22 0.00	53.61 -1.83 0.00
AMERICAN_REF_FUEL 24010	31.77 -2.80 0.00	30.15 -2.91 0.00	29.08 -2.60 0.00	29.02 -2.59 0.00	30.31 -2.67 0.00	32.97 -2.63 0.00	40.99 -3.52 0.00	42.01 -5.73 0.00	39.60 -5.30 0.00	37.88 -5.02 0.00	46.59 -7.78 0.00	44.49 -7.91 0.30	45.22 -8.00 0.12	46.28 -7.78 0.00	48.75 -8.34 0.00	49.69 -8.32 -0.63	49.52 -7.75 -1.90	75.11 -10.45 0.10	71.73 -10.23 -2.03	58.41 -8.44 -2.92	50.88 -8.00 -0.04	49.66 -7.63 -1.98	50.07 -6.38 -0.95	50.63 -5.04 -0.24
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.19 -2.39 0.00	30.48 -2.58 0.00	29.46 -2.22 0.00	29.27 -2.34 0.00	30.58 -2.41 0.00	33.36 -2.24 0.00	41.66 -2.85 0.00	43.06 -4.68 0.00	40.63 -4.27 0.00	38.65 -4.25 0.00	47.68 -6.69 0.00	45.35 -7.06 0.29	46.19 -7.04 0.11	47.36 -6.71 0.00	49.78 -7.31 0.00	50.88 -7.23 -0.74	51.05 -6.53 -2.21	77.38 -8.22 0.07	74.70 -7.52 -2.28	60.99 -6.33 -3.39	53.76 -5.83 -0.74	51.97 -5.64 -2.29	52.00 -4.61 -1.11	51.94 -3.77 -0.28
ARTHUR KILL_GT_1 23520	37.17 2.59 0.00	35.38 2.31 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.91 2.31 0.00	47.80 3.29 0.00	51.41 3.68 0.00	50.76 3.55 -2.32	48.95 3.60 -2.45	66.59 4.68 -7.54	65.14 4.64 -7.80	65.11 4.70 -7.08	65.69 4.70 -6.92	74.65 5.08 -12.49	82.18 5.28 -19.53	75.84 5.54 -14.93	96.94 9.08 -2.20	100.40 8.24 -12.22	93.19 6.52 -22.74	88.83 5.94 -24.04	75.95 5.26 -15.37	68.00 5.10 -7.40	62.03 4.77 -1.82
ARTHUR_KILL_2 23512	37.06 2.49 0.00	35.28 2.22 0.00	33.57 1.90 0.00	33.51 1.90 0.00	35.00 2.01 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.27 3.53 0.00	50.62 3.41 -2.32	48.82 3.47 -2.45	66.43 4.51 -7.54	64.97 4.48 -7.80	65.01 4.59 -7.08	65.58 4.59 -6.92	74.48 4.91 -12.49	82.01 5.10 -19.53	75.62 5.32 -14.93	96.69 8.83 -2.20	100.16 7.99 -12.22	92.93 6.27 -22.74	88.66 5.77 -24.04	75.78 5.09 -15.37	67.84 4.94 -7.40	61.86 4.60 -1.82
ARTHUR_KILL_3 23513	36.61 2.04 0.00	34.85 1.78 0.00	33.26 1.58 0.00	33.19 1.58 0.00	34.67 1.68 0.00	37.52 1.92 0.00	47.36 2.85 0.00	51.03 3.29 0.00	50.58 3.37 -2.32	48.73 3.39 -2.45	66.04 4.13 -7.54	64.66 4.16 -7.80	64.63 4.21 -7.07	65.21 4.22 -6.92	74.19 4.62 -12.49	81.61 4.71 -19.53	75.22 4.93 -14.92	95.91 8.05 -2.19	99.27 7.11 -12.22	92.22 5.56 -22.73	87.99 5.12 -24.03	75.16 4.48 -15.36	67.11 4.22 -7.39	61.13 3.88 -1.81

ARTHUR_KILL_COGEN 323718	37.17 2.59 0.00	35.38 2.31 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.91 2.31 0.00	47.80 3.29 0.00	51.41 3.68 0.00	50.76 3.55 -2.32	48.95 3.60 -2.45	66.59 4.68 -7.54	65.14 4.64 -7.80	65.11 4.70 -7.08	65.69 4.70 -6.92	74.65 5.08 -12.49	82.18 5.28 -19.53	75.84 5.54 -14.93	96.94 9.08 -2.20	100.40 8.24 -12.22	93.19 6.52 -22.74	88.83 5.94 -24.04	75.95 5.26 -15.37	68.00 5.10 -7.40	62.03 4.77 -1.82
ASHOKAN____ 23654	36.54 1.97 0.00	35.01 1.95 0.00	33.26 1.58 0.00	33.22 1.61 0.00	34.90 1.91 0.00	37.66 2.06 0.00	47.80 3.29 0.00	51.22 3.48 0.00	48.08 3.19 0.00	45.21 2.31 0.00	57.42 3.04 0.00	55.75 3.06 0.00	56.65 3.31 0.00	57.63 3.57 0.00	61.20 4.11 0.00	66.85 3.62 -5.86	76.88 4.16 -17.35	95.49 7.28 -2.55	109.18 6.79 -22.45	95.61 5.24 -26.45	91.77 4.94 -27.98	77.34 4.15 -17.87	67.87 3.78 -8.60	60.82 3.27 -2.11
ASTORIA_EAST_ENERGY_CC1 323581	37.14 2.56 -0.01	35.35 2.28 -0.01	33.70 2.03 0.00	33.64 2.02 0.00	35.03 2.05 0.00	37.84 2.24 0.00	47.62 3.11 0.00	51.18 3.44 0.00	50.49 3.28 -2.32	48.82 3.47 -2.45	66.64 4.73 -7.54	65.14 4.64 -7.80	65.16 4.75 -7.08	65.80 4.81 -6.92	74.88 5.31 -12.49	82.29 5.39 -19.53	75.62 5.32 -14.93	96.43 8.57 -2.20	100.00 7.84 -12.22	92.93 6.27 -22.74	88.66 5.77 -24.04	75.84 5.15 -15.37	67.95 5.05 -7.40	62.03 4.77 -1.82
ASTORIA_EAST_ENERGY_CC2 323582	37.14 2.56 -0.01	35.35 2.28 -0.01	33.70 2.03 0.00	33.64 2.02 0.00	35.03 2.05 0.00	37.84 2.24 0.00	47.62 3.11 0.00	51.18 3.44 0.00	50.49 3.28 -2.32	48.82 3.47 -2.45	66.64 4.73 -7.54	65.19 4.69 -7.80	65.22 4.80 -7.08	65.80 4.81 -6.92	74.94 5.36 -12.49	82.29 5.39 -19.53	75.62 5.32 -14.93	96.43 8.57 -2.20	100.00 7.84 -12.22	92.93 6.27 -22.74	88.66 5.77 -24.04	75.84 5.15 -15.37	68.00 5.10 -7.40	62.03 4.77 -1.82
ASTORIA_GT2_1 24094	37.24 2.66 0.00	35.48 2.41 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.17 4.75 -7.08	65.80 4.81 -6.92	74.83 5.25 -12.49	82.30 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.91 -12.22	92.97 6.26 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82
ASTORIA_GT2_2 24095	37.24 2.66 0.00	35.48 2.41 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.17 4.75 -7.08	65.80 4.81 -6.92	74.83 5.25 -12.49	82.30 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.91 -12.22	92.97 6.26 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82
ASTORIA_GT2_3 24096	37.24 2.66 0.00	35.48 2.41 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.17 4.75 -7.08	65.80 4.81 -6.92	74.83 5.25 -12.49	82.30 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.91 -12.22	92.97 6.26 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82
ASTORIA_GT2_4 24097	37.24 2.66 0.00	35.48 2.41 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.17 4.75 -7.08	65.80 4.81 -6.92	74.83 5.25 -12.49	82.30 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.91 -12.22	92.97 6.26 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82
ASTORIA_GT3_1 24098	37.24 2.66 0.00	35.48 2.41 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.17 4.75 -7.08	65.80 4.81 -6.92	74.83 5.25 -12.49	82.30 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.91 -12.22	92.97 6.26 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82
ASTORIA_GT3_2 24099	37.24 2.66 0.00	35.48 2.41 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.17 4.75 -7.08	65.80 4.81 -6.92	74.83 5.25 -12.49	82.30 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.91 -12.22	92.97 6.26 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82
ASTORIA_GT3_3 24100	37.24 2.66 0.00	35.48 2.41 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.17 4.75 -7.08	65.80 4.81 -6.92	74.83 5.25 -12.49	82.30 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.91 -12.22	92.97 6.26 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82
ASTORIA_GT3_4 24101	37.24 2.66 0.00	35.48 2.41 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.17 4.75 -7.08	65.80 4.81 -6.92	74.83 5.25 -12.49	82.30 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.91 -12.22	92.97 6.26 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82
ASTORIA_GT4_1 24102	37.24 2.66 0.00	35.48 2.41 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.17 4.75 -7.08	65.80 4.81 -6.92	74.83 5.25 -12.49	82.30 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.91 -12.22	92.97 6.26 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82
ASTORIA_GT4_2 24103	37.24 2.66 0.00	35.48 2.41 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.17 4.75 -7.08	65.80 4.81 -6.92	74.83 5.25 -12.49	82.30 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.91 -12.22	92.97 6.26 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82
ASTORIA_GT4_3 24104	37.24 2.66 0.00	35.48 2.41 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.17 4.75 -7.08	65.80 4.81 -6.92	74.83 5.25 -12.49	82.30 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.91 -12.22	92.97 6.26 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82

ASTORIA_GT4_4 24105	37.24 2.66 0.00	35.48 2.41 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.17 4.75 -7.08	65.80 4.81 -6.92	74.83 5.25 -12.49	82.30 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.91 -12.22	92.97 6.26 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82
ASTORIA_GT_1 23523	37.21 2.63 -0.01	35.38 2.31 -0.01	33.76 2.09 0.00	33.70 2.09 0.00	35.10 2.11 0.00	37.91 2.31 0.00	47.72 3.21 0.00	51.32 3.58 0.00	50.62 3.41 -2.32	48.95 3.60 -2.45	66.75 4.84 -7.54	65.29 4.79 -7.80	65.32 4.90 -7.08	65.91 4.92 -6.92	75.05 5.48 -12.49	82.41 5.51 -19.53	75.79 5.48 -14.93	96.69 8.83 -2.20	100.23 8.07 -12.22	93.12 6.45 -22.74	88.83 5.94 -24.04	75.95 5.26 -15.37	68.11 5.22 -7.40	62.14 4.88 -1.82
ASTORIA_GT_10 24110	36.99 2.42 0.00	35.28 2.22 0.00	33.51 1.84 0.00	33.44 1.83 0.00	34.93 1.95 0.00	37.77 2.17 0.00	47.58 3.07 0.00	51.22 3.48 0.00	50.67 3.46 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.24 4.74 -7.80	65.22 4.80 -7.08	65.86 4.87 -6.92	74.77 5.19 -12.49	82.30 5.39 -19.53	75.90 5.59 -14.93	96.95 9.08 -2.20	100.24 8.07 -12.22	93.09 6.39 -22.78	88.75 5.83 -24.08	75.92 5.20 -15.39	67.85 4.94 -7.41	61.92 4.66 -1.82
ASTORIA_GT_11 24225	36.99 2.42 0.00	35.28 2.22 0.00	33.51 1.84 0.00	33.44 1.83 0.00	34.93 1.95 0.00	37.77 2.17 0.00	47.58 3.07 0.00	51.22 3.48 0.00	50.67 3.46 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.24 4.74 -7.80	65.22 4.80 -7.08	65.86 4.87 -6.92	74.77 5.19 -12.49	82.30 5.39 -19.53	75.90 5.59 -14.93	96.95 9.08 -2.20	100.24 8.07 -12.22	93.09 6.39 -22.78	88.75 5.83 -24.08	75.92 5.20 -15.39	67.85 4.94 -7.41	61.92 4.66 -1.82
ASTORIA_GT_12 24226	36.99 2.42 0.00	35.28 2.22 0.00	33.51 1.84 0.00	33.44 1.83 0.00	34.93 1.95 0.00	37.77 2.17 0.00	47.58 3.07 0.00	51.22 3.48 0.00	50.67 3.46 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.24 4.74 -7.80	65.22 4.80 -7.08	65.86 4.87 -6.92	74.77 5.19 -12.49	82.30 5.39 -19.53	75.90 5.59 -14.93	96.95 9.08 -2.20	100.24 8.07 -12.22	93.09 6.39 -22.78	88.75 5.83 -24.08	75.92 5.20 -15.39	67.85 4.94 -7.41	61.92 4.66 -1.82
ASTORIA_GT_13 24227	36.99 2.42 0.00	35.28 2.22 0.00	33.51 1.84 0.00	33.44 1.83 0.00	34.93 1.95 0.00	37.77 2.17 0.00	47.58 3.07 0.00	51.22 3.48 0.00	50.67 3.46 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.24 4.74 -7.80	65.22 4.80 -7.08	65.86 4.87 -6.92	74.77 5.19 -12.49	82.30 5.39 -19.53	75.90 5.59 -14.93	96.95 9.08 -2.20	100.24 8.07 -12.22	93.09 6.39 -22.78	88.75 5.83 -24.08	75.92 5.20 -15.39	67.85 4.94 -7.41	61.92 4.66 -1.82
ASTORIA_GT_5 24106	37.27 2.70 0.00	35.54 2.48 0.00	33.76 2.09 0.00	33.70 2.09 0.00	35.13 2.14 0.00	37.91 2.31 0.00	47.71 3.20 0.00	51.32 3.58 0.00	50.62 3.41 -2.32	48.95 3.60 -2.45	66.70 4.78 -7.54	65.29 4.80 -7.80	65.27 4.85 -7.08	65.91 4.92 -6.92	74.94 5.37 -12.49	82.41 5.51 -19.53	75.79 5.48 -14.93	96.69 8.82 -2.20	100.24 8.07 -12.22	93.16 6.46 -22.78	88.87 5.94 -24.08	75.97 5.26 -15.39	68.13 5.22 -7.41	62.14 4.88 -1.82
ASTORIA_GT_7 24107	37.27 2.70 0.00	35.54 2.48 0.00	33.76 2.09 0.00	33.70 2.09 0.00	35.13 2.14 0.00	37.91 2.31 0.00	47.71 3.20 0.00	51.32 3.58 0.00	50.62 3.41 -2.32	48.95 3.60 -2.45	66.70 4.78 -7.54	65.29 4.80 -7.80	65.27 4.85 -7.08	65.91 4.92 -6.92	74.94 5.37 -12.49	82.41 5.51 -19.53	75.79 5.48 -14.93	96.69 8.82 -2.20	100.24 8.07 -12.22	93.16 6.46 -22.78	88.87 5.94 -24.08	75.97 5.26 -15.39	68.13 5.22 -7.41	62.14 4.88 -1.82
ASTORIA_GT_8 24108	37.27 2.70 0.00	35.54 2.48 0.00	33.76 2.09 0.00	33.70 2.09 0.00	35.13 2.14 0.00	37.91 2.31 0.00	47.71 3.20 0.00	51.32 3.58 0.00	50.62 3.41 -2.32	48.95 3.60 -2.45	66.70 4.78 -7.54	65.29 4.80 -7.80	65.27 4.85 -7.08	65.91 4.92 -6.92	74.94 5.37 -12.49	82.41 5.51 -19.53	75.79 5.48 -14.93	96.69 8.82 -2.20	100.24 8.07 -12.22	93.16 6.46 -22.78	88.87 5.94 -24.08	75.97 5.26 -15.39	68.13 5.22 -7.41	62.14 4.88 -1.82
ASTORIA___2 24149	37.18 2.59 -0.01	35.35 2.28 -0.01	33.70 2.03 0.00	33.66 2.05 0.00	35.06 2.08 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.22 3.48 0.00	50.53 3.32 -2.32	48.82 3.47 -2.45	66.64 4.73 -7.54	65.19 4.69 -7.80	65.22 4.80 -7.08	65.80 4.81 -6.92	74.94 5.36 -12.49	82.29 5.39 -19.53	75.62 5.32 -14.93	96.52 8.65 -2.20	100.08 7.92 -12.22	92.93 6.27 -22.74	88.71 5.83 -24.04	75.84 5.15 -15.37	68.00 5.10 -7.40	62.03 4.77 -1.82
ASTORIA___3 23516	36.93 2.35 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.44 1.83 0.00	34.90 1.91 0.00	37.74 2.14 0.00	47.58 3.07 0.00	51.22 3.48 0.00	50.67 3.46 -2.32	48.86 3.52 -2.45	66.64 4.73 -7.54	65.24 4.74 -7.80	65.22 4.80 -7.08	65.80 4.81 -6.92	74.82 5.25 -12.49	82.29 5.39 -19.53	75.84 5.54 -14.93	96.86 8.99 -2.20	100.23 8.07 -12.22	93.00 6.33 -22.74	88.71 5.83 -24.04	75.84 5.15 -15.37	67.84 4.94 -7.40	61.92 4.66 -1.82
ASTORIA___4 23517	36.99 2.42 0.00	35.28 2.22 0.00	33.51 1.84 0.00	33.44 1.83 0.00	34.93 1.95 0.00	37.77 2.17 0.00	47.58 3.07 0.00	51.22 3.48 0.00	50.67 3.46 -2.32	48.86 3.52 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.22 4.80 -7.08	65.80 4.81 -6.92	74.77 5.19 -12.49	82.30 5.39 -19.53	75.84 5.54 -14.93	96.87 9.00 -2.20	100.24 8.07 -12.22	93.03 6.33 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	67.85 4.94 -7.41	61.92 4.66 -1.82
ASTORIA___5 23518	36.93 2.35 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.44 1.83 0.00	34.90 1.91 0.00	37.74 2.14 0.00	47.58 3.07 0.00	51.22 3.48 0.00	50.67 3.46 -2.32	48.86 3.52 -2.45	66.64 4.73 -7.54	65.24 4.74 -7.80	65.22 4.80 -7.08	65.80 4.81 -6.92	74.82 5.25 -12.49	82.29 5.39 -19.53	75.84 5.54 -14.93	96.86 8.99 -2.20	100.23 8.07 -12.22	93.00 6.33 -22.74	88.71 5.83 -24.04	75.84 5.15 -15.37	67.84 4.94 -7.40	61.92 4.66 -1.82
AST_ENERGY_2_CC3 323677	36.68 2.11 0.00	34.95 1.88 0.00	33.32 1.65 0.00	33.29 1.67 0.00	34.73 1.75 0.00	37.48 1.99 0.11	37.48 2.98 10.01	40.48 3.39 10.65	38.61 3.46 9.74	38.61 3.43 7.72	66.37 4.46 -7.54	64.92 4.43 -7.80	64.95 4.53 -7.07	65.53 4.54 -6.92	74.48 4.91 -12.49	81.89 4.99 -19.53	75.56 5.26 -14.92	96.43 8.57 -2.19	99.67 7.51 -12.22	92.60 5.95 -22.73	88.29 5.41 -24.03	75.44 4.76 -15.36	67.44 4.55 -7.39	61.63 4.38 -1.81
AST_ENERGY_2_CC4 323678	36.68 2.11 0.00	34.95 1.88 0.00	33.32 1.65 0.00	33.29 1.67 0.00	34.73 1.75 0.00	37.48 1.99 0.11	37.48 2.98 10.01	40.48 3.39 10.65	38.61 3.46 9.74	38.61 3.43 7.72	66.37 4.46 -7.54	64.92 4.43 -7.80	64.95 4.53 -7.07	65.53 4.54 -6.92	74.48 4.91 -12.49	81.89 4.99 -19.53	75.56 5.26 -14.92	96.43 8.57 -2.19	99.67 7.51 -12.22	92.60 5.95 -22.73	88.29 5.41 -24.03	75.44 4.76 -15.36	67.44 4.55 -7.39	61.63 4.38 -1.81

ATHENS_STG_1 23668	35.71 1.14 0.00	34.19 1.12 0.00	32.72 1.04 0.00	32.65 1.04 0.00	34.11 1.12 0.00	36.74 1.14 0.00	46.16 1.65 0.00	49.55 1.81 0.00	47.53 1.80 -0.83	45.54 1.76 -0.88	59.54 2.45 -2.71	57.93 2.43 -2.81	58.39 2.51 -2.54	59.10 2.54 -2.49	64.26 2.68 -4.49	71.26 2.75 -11.13	75.48 2.71 -17.39	92.59 4.37 -2.55	96.38 3.92 -12.53	93.64 3.19 -26.52	89.84 2.94 -28.05	75.89 2.66 -17.92	66.84 2.72 -8.62	60.11 2.55 -2.11
ATHENS_STG_2 23670	35.71 1.14 0.00	34.19 1.12 0.00	32.72 1.04 0.00	32.65 1.04 0.00	34.11 1.12 0.00	36.74 1.14 0.00	46.16 1.65 0.00	49.55 1.81 0.00	47.53 1.80 -0.83	45.54 1.76 -0.88	59.54 2.45 -2.71	57.93 2.43 -2.81	58.39 2.51 -2.54	59.10 2.54 -2.49	64.26 2.68 -4.49	71.26 2.75 -11.13	75.48 2.71 -17.39	92.59 4.37 -2.55	96.38 3.92 -12.53	93.64 3.19 -26.52	89.84 2.94 -28.05	75.89 2.66 -17.92	66.84 2.72 -8.62	60.11 2.55 -2.11
ATHENS_STG_3 23677	35.71 1.14 0.00	34.19 1.12 0.00	32.72 1.04 0.00	32.65 1.04 0.00	34.11 1.12 0.00	36.74 1.14 0.00	46.16 1.65 0.00	49.55 1.81 0.00	47.53 1.80 -0.83	45.54 1.76 -0.88	59.54 2.45 -2.71	57.93 2.43 -2.81	58.39 2.51 -2.54	59.10 2.54 -2.49	64.26 2.68 -4.49	71.26 2.75 -11.13	75.48 2.71 -17.39	92.59 4.37 -2.55	96.38 3.92 -12.53	93.64 3.19 -26.52	89.84 2.94 -28.05	75.89 2.66 -17.92	66.84 2.72 -8.62	60.11 2.55 -2.11
AUBURN___LFGE 323710	34.37 -0.21 0.00	32.80 -0.26 0.00	31.48 -0.19 0.00	31.42 -0.19 0.00	32.82 -0.16 0.00	35.67 0.07 0.00	44.60 0.09 0.00	47.64 -0.10 0.00	44.76 -0.13 0.00	42.73 -0.17 0.00	53.67 -0.71 0.00	51.90 -0.79 0.00	52.59 -0.75 0.00	53.31 -0.76 0.00	56.34 -0.74 0.00	57.34 -0.69 -0.65	57.06 -0.28 -1.97	86.39 0.43 -0.29	82.12 0.48 -1.70	67.18 0.26 -3.00	62.14 0.12 -3.18	57.13 -0.22 -2.03	56.25 -0.22 -0.98	55.52 -0.17 -0.25
BABYLON_RES_REC 323704	37.51 2.94 0.00	35.41 2.35 0.00	33.76 2.09 0.00	33.57 1.96 0.00	35.46 2.48 0.00	38.38 2.78 0.00	48.47 3.96 0.00	51.89 4.15 0.00	51.16 3.95 -2.31	48.77 3.43 -2.44	66.57 4.68 -7.52	65.12 4.64 -7.78	65.14 4.75 -7.06	65.94 4.97 -6.90	75.08 5.54 -12.46	82.55 5.68 -19.49	89.98 6.15 -28.46	108.22 9.59 -12.96	101.47 8.95 -12.58	93.71 7.03 -22.75	89.37 6.47 -24.05	85.82 5.81 -24.69	69.22 6.32 -7.39	62.69 5.44 -1.81
BABYLON__69_KV_BK2 356345	37.96 3.39 0.00	35.84 2.78 0.00	34.11 2.44 0.00	33.89 2.28 0.00	35.85 2.87 0.00	38.80 3.20 0.00	49.00 4.50 0.00	52.65 4.92 0.00	51.74 4.53 -2.31	49.20 3.86 -2.44	67.06 5.17 -7.52	65.64 5.16 -7.78	65.63 5.23 -7.06	66.49 5.51 -6.90	75.54 5.99 -12.46	83.70 6.83 -19.49	91.37 7.53 -28.46	110.54 11.91 -12.96	103.39 10.87 -12.58	95.21 8.50 -22.79	90.88 7.94 -24.09	87.12 7.08 -24.72	70.01 7.10 -7.40	63.41 6.15 -1.81
BALL_HILL_WT_PWR 323825	32.85 -1.73 0.00	31.14 -1.92 0.00	30.06 -1.61 0.00	29.97 -1.65 0.00	31.30 -1.68 0.00	34.14 -1.46 0.00	42.55 -1.96 0.00	43.92 -3.82 0.00	41.44 -3.46 0.00	39.51 -3.39 0.00	48.61 -5.76 0.00	46.30 -6.06 0.34	47.20 -6.03 0.12	48.33 -5.73 0.00	50.86 -6.22 0.00	51.87 -6.20 -0.69	51.82 -5.65 -2.09	78.24 -7.20 0.23	75.49 -6.63 -2.19	61.51 -5.63 -3.21	53.90 -5.35 -0.41	52.18 -5.31 -2.17	52.05 -4.49 -1.05	51.99 -3.71 -0.26
BARON_WINDS___WT_PWR 323822	33.26 -1.31 0.00	31.68 -1.39 0.00	30.47 -1.20 0.00	30.47 -1.14 0.00	31.86 -1.12 0.00	34.67 -0.93 0.00	43.31 -1.20 0.00	45.45 -2.29 0.00	42.78 -2.11 0.00	40.80 -2.10 0.00	50.41 -3.97 0.00	47.60 -4.16 0.93	49.12 -4.16 0.06	50.06 -4.00 0.00	52.97 -4.11 0.00	54.51 -3.96 -1.10	55.36 -3.32 -3.30	79.39 -3.77 2.51	79.66 -3.35 -3.07	66.22 -2.75 -5.04	60.03 -2.59 -3.77	55.91 -2.82 -3.41	54.64 -2.50 -1.64	53.57 -2.28 -0.40
BARRETT_IC_1 23704	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81
BARRETT_IC_10 23701	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81
BARRETT_IC_11 23702	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81
BARRETT_IC_12 23703	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81
BARRETT_IC_2 23705	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81
BARRETT_IC_3 23706	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81
BARRETT_IC_4 23707	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81

BARRETT_IC_5 23708	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81
BARRETT_IC_6 23709	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81
BARRETT_IC_7 23710	37.24 2.66 0.00	35.25 2.18 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.16 2.18 0.00	38.06 2.46 0.00	47.94 3.43 0.00	51.41 3.68 0.00	50.75 3.55 -2.31	48.43 3.09 -2.44	65.92 4.02 -7.52	64.53 4.06 -7.78	64.50 4.11 -7.06	65.30 4.33 -6.90	74.17 4.62 -12.46	82.15 5.28 -19.49	89.38 5.54 -28.46	107.37 8.74 -12.96	100.43 7.91 -12.58	93.04 6.33 -22.79	88.76 5.83 -24.09	85.35 5.31 -24.72	68.23 5.33 -7.40	61.86 4.60 -1.81
BARRETT_IC_8 23711	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81
BARRETT_IC_9 23700	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81
BARRETT___1 23545	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81
BARRETT___2 23546	37.17 2.59 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.13 2.14 0.00	38.05 2.45 0.00	47.94 3.43 0.00	51.27 3.53 0.00	50.71 3.50 -2.31	48.43 3.09 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.15 5.28 -19.49	89.37 5.54 -28.46	107.28 8.65 -12.96	100.35 7.84 -12.58	93.01 6.33 -22.75	88.72 5.83 -24.05	85.33 5.31 -24.69	68.22 5.33 -7.39	61.85 4.60 -1.81
BATAVIA__115KV_TB1 55881	33.09 -1.49 0.00	31.44 -1.62 0.00	30.53 -1.14 0.00	30.47 -1.14 0.00	31.67 -1.32 0.00	34.64 -0.96 0.00	43.26 -1.25 0.00	45.11 -2.63 0.00	42.33 -2.56 0.00	40.45 -2.45 0.00	49.80 -4.57 0.00	47.50 -5.01 0.19	48.63 -4.64 0.07	49.31 -4.76 0.00	52.06 -5.02 0.00	53.13 -4.88 -0.64	53.09 -4.21 -1.93	80.80 -4.88 -0.01	77.22 -4.56 -1.84	62.95 -3.96 -2.99	56.40 -3.88 -1.44	53.19 -4.15 -2.02	53.25 -3.22 -0.97	53.46 -2.22 -0.24
BAYONEEC___CTG1 323682	36.72 2.14 0.00	34.95 1.88 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.76 1.78 0.00	37.63 2.03 0.00	47.54 3.03 0.00	51.18 3.44 0.00	50.72 3.50 -2.32	48.82 3.47 -2.45	66.31 4.40 -7.54	64.29 4.37 -7.22	64.32 4.48 -6.50	64.90 4.49 -6.35	73.92 4.85 -11.99	76.34 4.99 -13.97	71.34 5.20 -10.76	90.96 8.48 3.19	94.26 7.51 -6.81	87.10 5.88 -17.29	82.76 5.41 -18.50	73.04 4.76 -12.96	65.04 4.49 -5.05	61.46 4.21 -1.81
BAYONEEC___CTG10 323750	36.72 2.14 0.00	34.95 1.88 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.76 1.78 0.00	37.63 2.03 0.00	47.54 3.03 0.00	51.18 3.44 0.00	50.72 3.50 -2.32	48.82 3.47 -2.45	66.31 4.40 -7.54	64.29 4.37 -7.22	64.32 4.48 -6.50	64.90 4.49 -6.35	73.92 4.85 -11.99	76.34 4.99 -13.97	71.34 5.20 -10.76	90.96 8.48 3.19	94.26 7.51 -6.81	87.10 5.88 -17.29	82.76 5.41 -18.50	73.04 4.76 -12.96	65.04 4.49 -5.05	61.46 4.21 -1.81
BAYONEEC___CTG2 323683	36.72 2.14 0.00	34.95 1.88 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.76 1.78 0.00	37.63 2.03 0.00	47.54 3.03 0.00	51.18 3.44 0.00	50.72 3.50 -2.32	48.82 3.47 -2.45	66.31 4.40 -7.54	64.29 4.37 -7.22	64.32 4.48 -6.50	64.90 4.49 -6.35	73.92 4.85 -11.99	76.34 4.99 -13.97	71.34 5.20 -10.76	90.96 8.48 3.19	94.26 7.51 -6.81	87.10 5.88 -17.29	82.76 5.41 -18.50	73.04 4.76 -12.96	65.04 4.49 -5.05	61.46 4.21 -1.81
BAYONEEC___CTG3 323684	36.72 2.14 0.00	34.95 1.88 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.76 1.78 0.00	37.63 2.03 0.00	47.54 3.03 0.00	51.18 3.44 0.00	50.72 3.50 -2.32	48.82 3.47 -2.45	66.31 4.40 -7.54	64.29 4.37 -7.22	64.32 4.48 -6.50	64.90 4.49 -6.35	73.92 4.85 -11.99	76.34 4.99 -13.97	71.34 5.20 -10.76	90.96 8.48 3.19	94.26 7.51 -6.81	87.10 5.88 -17.29	82.76 5.41 -18.50	73.04 4.76 -12.96	65.04 4.49 -5.05	61.46 4.21 -1.81
BAYONEEC___CTG4 323685	36.72 2.14 0.00	34.95 1.88 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.76 1.78 0.00	37.63 2.03 0.00	47.54 3.03 0.00	51.18 3.44 0.00	50.72 3.50 -2.32	48.82 3.47 -2.45	66.31 4.40 -7.54	64.29 4.37 -7.22	64.32 4.48 -6.50	64.90 4.49 -6.35	73.92 4.85 -11.99	76.34 4.99 -13.97	71.34 5.20 -10.76	90.96 8.48 3.19	94.26 7.51 -6.81	87.10 5.88 -17.29	82.76 5.41 -18.50	73.04 4.76 -12.96	65.04 4.49 -5.05	61.46 4.21 -1.81
BAYONEEC___CTG5 323686	36.72 2.14 0.00	34.95 1.88 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.76 1.78 0.00	37.63 2.03 0.00	47.54 3.03 0.00	51.18 3.44 0.00	50.72 3.50 -2.32	48.82 3.47 -2.45	66.31 4.40 -7.54	64.29 4.37 -7.22	64.32 4.48 -6.50	64.90 4.49 -6.35	73.92 4.85 -11.99	76.34 4.99 -13.97	71.34 5.20 -10.76	90.96 8.48 3.19	94.26 7.51 -6.81	87.10 5.88 -17.29	82.76 5.41 -18.50	73.04 4.76 -12.96	65.04 4.49 -5.05	61.46 4.21 -1.81
BAYONEEC___CTG6 323687	36.72 2.14 0.00	34.95 1.88 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.76 1.78 0.00	37.63 2.03 0.00	47.54 3.03 0.00	51.18 3.44 0.00	50.72 3.50 -2.32	48.82 3.47 -2.45	66.31 4.40 -7.54	64.29 4.37 -7.22	64.32 4.48 -6.50	64.90 4.49 -6.35	73.92 4.85 -11.99	76.34 4.99 -13.97	71.34 5.20 -10.76	90.96 8.48 3.19	94.26 7.51 -6.81	87.10 5.88 -17.29	82.76 5.41 -18.50	73.04 4.76 -12.96	65.04 4.49 -5.05	61.46 4.21 -1.81

BAYONEEC___CTG7 323688	36.72 2.14 0.00	34.95 1.88 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.76 1.78 0.00	37.63 2.03 0.00	47.54 3.03 0.00	51.18 3.44 0.00	50.72 3.50 -2.32	48.82 3.47 -2.45	66.31 4.40 -7.54	64.29 4.37 -7.22	64.32 4.48 -6.50	64.90 4.49 -6.35	73.92 4.85 -11.99	76.34 4.99 -13.97	71.34 5.20 -10.76	90.96 8.48 3.19	94.26 7.51 -6.81	87.10 5.88 -17.29	82.76 5.41 -18.50	73.04 4.76 -12.96	65.04 4.49 -5.05	61.46 4.21 -1.81
BAYONEEC___CTG8 323689	36.72 2.14 0.00	34.95 1.88 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.76 1.78 0.00	37.63 2.03 0.00	47.54 3.03 0.00	51.18 3.44 0.00	50.72 3.50 -2.32	48.82 3.47 -2.45	66.31 4.40 -7.54	64.29 4.37 -7.22	64.32 4.48 -6.50	64.90 4.49 -6.35	73.92 4.85 -11.99	76.34 4.99 -13.97	71.34 5.20 -10.76	90.96 8.48 3.19	94.26 7.51 -6.81	87.10 5.88 -17.29	82.76 5.41 -18.50	73.04 4.76 -12.96	65.04 4.49 -5.05	61.46 4.21 -1.81
BAYONEEC___CTG9 323749	36.72 2.14 0.00	34.95 1.88 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.76 1.78 0.00	37.63 2.03 0.00	47.54 3.03 0.00	51.18 3.44 0.00	50.72 3.50 -2.32	48.82 3.47 -2.45	66.31 4.40 -7.54	64.29 4.37 -7.22	64.32 4.48 -6.50	64.90 4.49 -6.35	73.92 4.85 -11.99	76.34 4.99 -13.97	71.34 5.20 -10.76	90.96 8.48 3.19	94.26 7.51 -6.81	87.10 5.88 -17.29	82.76 5.41 -18.50	73.04 4.76 -12.96	65.04 4.49 -5.05	61.46 4.21 -1.81
BEACON___LESR 323632	35.51 0.93 0.00	34.05 0.99 0.00	32.56 0.89 0.00	32.49 0.88 0.00	33.94 0.96 0.00	36.67 1.07 0.00	46.02 1.51 0.00	49.36 1.62 0.00	46.97 1.57 -0.51	44.98 1.54 -0.54	58.85 2.83 -1.65	57.19 2.79 -1.71	57.72 2.83 -1.55	58.45 2.86 -1.52	62.73 2.91 -2.73	69.93 2.75 -9.80	77.57 2.60 -19.60	92.83 4.28 -2.87	117.19 4.00 -33.26	97.00 3.19 -29.88	93.39 2.88 -31.67	78.22 2.71 -20.19	68.04 2.83 -9.71	60.59 2.77 -2.38
BEAVER RIVER___HYD 24048	44.00 -0.73 -10.16	41.89 -0.99 -9.82	40.24 -0.92 -9.49	40.14 -0.95 -9.47	40.02 -0.92 -7.96	34.46 -1.14 0.00	43.22 -1.29 0.00	46.97 -0.77 0.00	43.82 -1.08 0.00	41.95 -0.94 0.00	67.12 -1.79 -14.54	63.49 -1.85 -12.64	64.20 -1.92 -12.78	65.20 -1.84 -12.97	70.30 -1.88 -15.10	69.44 -1.89 -13.96	54.95 -1.11 -0.68	89.63 -0.51 -4.47	79.86 -4.16 0.00	64.61 -0.38 -1.06	59.50 -0.47 -1.13	54.82 -1.22 -0.72	54.85 -1.00 -0.35	54.69 -0.83 -0.08
BEEBEE_GT_13 23619	33.05 -1.52 0.00	31.48 -1.59 0.00	30.41 -1.27 0.00	30.35 -1.26 0.00	31.60 -1.39 0.00	34.42 -1.17 0.00	42.95 -1.56 0.00	45.26 -2.48 0.00	42.47 -2.42 0.00	40.67 -2.23 0.00	50.62 -3.75 0.00	48.71 -4.00 -0.02	49.57 -3.79 -0.01	50.12 -3.95 0.00	53.03 -4.05 0.00	54.07 -3.96 -0.65	53.85 -3.49 -1.96	81.41 -4.54 -0.28	75.78 -4.16 0.00	63.51 -3.39 -2.98	58.93 -3.35 -3.44	53.85 -3.49 -2.01	53.80 -2.66 -0.97	53.79 -1.88 -0.24
BENSHRST_27_KV_BENSHRST_1 355998	37.34 2.77 0.00	35.61 2.55 0.00	33.76 2.09 0.00	33.70 2.09 0.00	35.19 2.21 0.00	38.09 2.49 0.00	48.03 3.52 0.00	51.75 4.01 0.00	51.12 3.91 -2.32	49.29 3.95 -2.45	66.97 5.06 -7.54	65.61 5.11 -7.80	65.59 5.17 -7.08	66.18 5.19 -6.92	75.11 5.54 -12.49	82.70 5.80 -19.53	76.34 6.04 -14.93	97.72 9.85 -2.20	101.04 8.87 -12.22	93.67 6.97 -22.78	89.34 6.41 -24.08	76.36 5.64 -15.39	68.35 5.44 -7.41	62.36 5.10 -1.82
BETHLEHEM___GRP 23843	34.92 0.35 0.00	33.49 0.43 0.00	32.02 0.35 0.00	31.96 0.35 0.00	33.38 0.40 0.00	35.96 0.36 0.00	45.09 0.58 0.00	48.36 0.62 0.00	46.03 0.63 -0.50	44.16 0.73 -0.53	58.13 2.12 -1.64	56.45 2.06 -1.70	56.96 2.08 -1.54	57.74 2.16 -1.51	61.97 2.17 -2.72	69.01 1.84 -9.79	76.65 1.66 -19.61	91.21 2.66 -2.88	115.16 2.40 -32.82	95.77 1.92 -29.93	92.33 1.77 -31.72	77.21 1.66 -20.23	67.12 1.89 -9.73	59.71 1.88 -2.38
BETHLEHEM___GS1 323560	34.92 0.35 0.00	33.46 0.40 0.00	32.02 0.35 0.00	31.96 0.35 0.00	33.35 0.36 0.00	35.96 0.36 0.00	45.09 0.58 0.00	48.41 0.67 0.00	46.03 0.63 -0.50	44.16 0.73 -0.53	58.08 2.07 -1.64	56.45 2.05 -1.70	56.96 2.08 -1.54	57.74 2.16 -1.51	61.97 2.17 -2.72	69.01 1.84 -9.79	76.65 1.66 -19.61	91.21 2.66 -2.88	115.16 2.40 -32.82	95.75 1.92 -29.91	92.31 1.76 -31.70	77.19 1.66 -20.21	67.11 1.89 -9.72	59.71 1.89 -2.38
BETHLEHEM___GS2 323561	34.92 0.35 0.00	33.46 0.40 0.00	32.02 0.35 0.00	31.96 0.35 0.00	33.35 0.36 0.00	35.96 0.36 0.00	45.09 0.58 0.00	48.41 0.67 0.00	46.03 0.63 -0.50	44.16 0.73 -0.53	58.08 2.07 -1.64	56.45 2.05 -1.70	56.96 2.08 -1.54	57.74 2.16 -1.51	61.97 2.17 -2.72	69.01 1.84 -9.79	76.65 1.66 -19.61	91.21 2.66 -2.88	115.16 2.40 -32.82	95.75 1.92 -29.91	92.31 1.76 -31.70	77.19 1.66 -20.21	67.11 1.89 -9.72	59.71 1.89 -2.38
BETHLEHEM___GS3 323562	34.92 0.35 0.00	33.46 0.40 0.00	32.02 0.35 0.00	31.96 0.35 0.00	33.35 0.36 0.00	35.96 0.36 0.00	45.09 0.58 0.00	48.41 0.67 0.00	46.03 0.63 -0.50	44.16 0.73 -0.53	58.08 2.07 -1.64	56.45 2.05 -1.70	56.96 2.08 -1.54	57.74 2.16 -1.51	61.97 2.17 -2.72	69.01 1.84 -9.79	76.65 1.66 -19.61	91.21 2.66 -2.88	115.16 2.40 -32.82	95.75 1.92 -29.91	92.31 1.76 -31.70	77.19 1.66 -20.21	67.11 1.89 -9.72	59.71 1.89 -2.38
BETHLEHEM___STEEL 23779	32.78 -1.80 0.00	31.15 -1.92 0.00	30.19 -1.49 0.00	30.13 -1.49 0.00	31.43 -1.55 0.00	34.28 -1.32 0.00	42.73 -1.78 0.00	44.01 -3.72 0.00	41.57 -3.32 0.00	39.64 -3.26 0.00	48.88 -5.49 0.00	46.52 -5.85 0.33	47.52 -5.71 0.11	48.50 -5.57 0.00	51.03 -6.05 0.00	52.10 -5.97 -0.69	51.97 -5.48 -2.08	78.37 -7.11 0.19	75.56 -6.55 -2.17	61.57 -5.56 -3.21	53.98 -5.30 -0.43	52.18 -5.31 -2.17	52.00 -4.55 -1.05	51.82 -3.88 -0.26
BETHLHEM_115KV_TB1 79974	35.02 0.45 0.00	33.56 0.50 0.00	32.09 0.41 0.00	32.02 0.41 0.00	33.45 0.46 0.00	36.06 0.46 0.00	45.22 0.71 0.00	48.45 0.72 0.00	46.16 0.76 -0.50	44.24 0.82 -0.53	58.08 2.07 -1.64	56.39 2.00 -1.69	56.96 2.08 -1.54	57.68 2.11 -1.50	61.91 2.11 -2.71	69.05 1.89 -9.78	76.69 1.72 -19.60	91.29 2.74 -2.88	114.20 2.48 -31.79	95.82 1.98 -29.91	92.37 1.82 -31.70	77.30 1.77 -20.21	67.11 1.89 -9.72	59.71 1.88 -2.38
BETHPAGE_CC_5 323564	37.41 2.84 0.00	35.34 2.28 0.00	33.70 2.03 0.00	33.54 1.93 0.00	35.36 2.38 0.00	38.27 2.67 0.00	48.11 3.60 0.00	51.46 3.73 0.00	50.84 3.63 -2.31	48.51 3.17 -2.44	66.19 4.29 -7.52	64.74 4.27 -7.78	64.72 4.32 -7.06	65.51 4.54 -6.90	74.62 5.08 -12.46	82.43 5.56 -19.49	89.82 5.98 -28.46	108.30 9.68 -12.96	101.31 8.79 -12.58	93.58 6.91 -22.75	89.20 6.30 -24.05	85.66 5.65 -24.69	68.61 5.72 -7.39	62.13 4.88 -1.81
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.95 -1.62 0.00	31.31 -1.75 0.00	30.38 -1.30 0.00	30.31 -1.30 0.00	31.63 -1.35 0.00	34.50 -1.10 0.00	43.00 -1.51 0.00	44.30 -3.44 0.00	41.89 -3.01 0.00	39.89 -3.00 0.00	49.21 -5.17 0.00	46.79 -5.59 0.32	47.84 -5.39 0.11	48.82 -5.24 0.00	51.32 -5.77 0.00	52.40 -5.68 -0.70	52.29 -5.21 -2.12	78.92 -6.60 0.16	76.07 -6.08 -2.20	61.95 -5.24 -3.27	54.43 -4.94 -0.53	52.49 -5.03 -2.21	52.07 -4.50 -1.07	51.77 -3.94 -0.26

BINGHAMTON___COGEN 23790	34.64 0.07 0.00	33.06 0.00 0.00	31.74 0.06 0.00	31.67 0.06 0.00	33.08 0.10 0.00	35.88 0.28 0.00	44.91 0.40 0.00	47.83 0.10 0.00	44.76 0.13 0.27	42.75 0.13 0.28	53.13 -0.38 0.87	51.24 -0.53 0.93	52.03 -0.48 0.83	52.84 -0.43 0.79	55.25 -0.40 1.43	57.16 -0.29 -0.07	60.57 0.00 -5.20	87.13 0.69 -0.78	85.30 0.56 -4.80	72.18 0.32 -7.93	66.92 0.24 -7.84	60.63 -0.06 -5.36	58.02 -0.06 -2.58	56.01 -0.06 -0.63
BIXINCNT_115KV_LOAD 355685	32.74 -1.83 0.00	31.05 -2.02 0.00	30.12 -1.55 0.00	30.13 -1.49 0.00	31.53 -1.45 0.00	34.39 -1.21 0.00	42.77 -1.74 0.00	44.35 -3.39 0.00	41.98 -2.92 0.00	39.81 -3.09 0.00	48.93 -5.44 0.00	46.48 -5.95 0.26	47.42 -5.81 0.11	48.33 -5.73 0.00	50.86 -6.22 0.00	52.12 -6.02 -0.76	52.08 -5.59 -2.30	78.77 -6.94 -0.04	76.13 -6.16 -2.34	62.29 -5.18 -3.54	55.07 -4.77 -1.00	52.68 -5.03 -2.39	51.55 -5.11 -1.15	50.85 -4.88 -0.29
BLACK RIVER___HYD 24047	41.32 -0.35 -7.10	39.23 -0.70 -6.86	37.70 -0.60 -6.63	37.60 -0.63 -6.62	37.92 -0.63 -5.56	34.99 -0.61 0.00	43.93 -0.58 0.00	47.79 0.05 0.00	44.53 -0.36 0.00	42.64 -0.26 0.00	63.50 -1.03 -10.16	60.32 -1.21 -8.83	60.94 -1.33 -8.93	61.94 -1.19 -9.06	66.49 -1.14 -10.55	66.12 -1.15 -9.89	56.09 -0.17 -0.88	89.89 1.03 -3.19	81.30 1.36 0.00	66.01 0.70 -1.38	60.78 0.47 -1.46	55.87 -0.38 -0.93	55.50 -0.45 -0.45	55.10 -0.45 -0.11
BLACKRVR_115KV_TB2 79977	41.29 -0.38 -7.10	39.23 -0.69 -6.86	37.70 -0.60 -6.63	37.60 -0.63 -6.62	37.92 -0.63 -5.56	34.99 -0.61 0.00	43.93 -0.58 0.00	47.79 0.05 0.00	44.53 -0.36 0.00	42.64 -0.26 0.00	63.50 -1.03 -10.16	60.31 -1.21 -8.83	60.94 -1.33 -8.93	61.94 -1.19 -9.06	66.49 -1.14 -10.55	66.12 -1.15 -9.89	56.09 -0.17 -0.88	89.88 1.03 -3.18	81.30 1.36 0.00	65.98 0.70 -1.35	60.74 0.47 -1.43	55.84 -0.39 -0.91	55.49 -0.44 -0.44	55.11 -0.44 -0.11
BLISS_WT_PWR 323608	32.64 -1.94 0.00	30.88 -2.18 0.00	29.87 -1.80 0.00	29.90 -1.71 0.00	31.34 -1.65 0.00	34.14 -1.46 0.00	42.42 -2.09 0.00	44.01 -3.72 0.00	41.66 -3.23 0.00	39.46 -3.43 0.00	48.45 -5.93 0.00	46.01 -6.43 0.26	46.83 -6.40 0.11	47.85 -6.22 0.00	50.40 -6.68 0.00	51.60 -6.54 -0.76	51.64 -6.03 -2.30	78.00 -7.71 -0.04	75.57 -6.71 -2.34	61.95 -5.50 -3.53	54.71 -5.12 -0.98	52.39 -5.31 -2.38	51.21 -5.44 -1.15	50.57 -5.15 -0.29
BLUESTONE___WT_PWR 323821	36.37 1.80 0.00	34.55 1.49 0.00	33.16 1.49 0.00	33.10 1.49 0.00	34.57 1.58 0.00	37.56 1.96 0.00	47.22 2.72 0.00	51.94 4.20 0.00	47.90 3.72 0.71	45.66 3.52 0.75	55.64 3.59 2.32	53.65 3.38 2.42	54.51 3.36 2.19	55.34 3.41 2.13	57.00 3.77 3.85	59.37 3.96 1.96	68.02 5.04 -7.61	93.65 6.94 -1.05	94.06 6.47 -7.65	79.64 4.92 -10.79	74.33 4.35 -11.13	66.15 3.54 -7.29	62.45 3.44 -3.51	59.52 3.21 -0.86
BLUE_CIRC_CHEM_DRP 24182	35.40 0.83 0.00	33.96 0.89 0.00	32.50 0.82 0.00	32.43 0.82 0.00	33.84 0.86 0.00	36.45 0.85 0.00	45.67 1.16 0.00	48.88 1.15 0.00	46.42 1.08 -0.45	44.40 1.03 -0.47	57.74 1.90 -1.46	56.05 1.84 -1.51	56.58 1.87 -1.37	57.30 1.89 -1.34	61.50 2.00 -2.42	68.64 1.95 -9.32	76.45 1.83 -19.24	91.49 3.00 -2.82	109.99 2.80 -27.26	95.59 2.30 -29.37	92.09 2.12 -31.12	77.16 1.99 -19.84	67.16 2.11 -9.55	59.89 2.11 -2.34
BOC_GAS_DRP 24189	35.26 0.69 0.00	33.76 0.69 0.00	32.31 0.63 0.00	32.24 0.63 0.00	33.68 0.69 0.00	36.28 0.68 0.00	45.49 0.98 0.00	48.74 1.00 0.00	46.42 1.03 -0.50	44.45 1.03 -0.52	57.78 1.79 -1.61	56.16 1.79 -1.67	56.67 1.81 -1.51	57.39 1.84 -1.48	61.64 1.88 -2.67	68.92 1.84 -9.71	76.68 1.77 -19.53	91.36 2.83 -2.87	108.52 2.56 -26.03	95.77 2.05 -29.80	92.31 1.88 -31.58	77.23 1.77 -20.14	67.08 1.89 -9.69	59.64 1.83 -2.37
BOONVILLE_115KV_TB1 79983	38.80 0.38 -3.85	36.95 0.17 -3.72	35.46 0.19 -3.59	35.36 0.16 -3.59	36.23 0.23 -3.02	35.88 0.28 0.00	45.00 0.49 0.00	48.60 0.86 0.00	45.48 0.58 0.00	43.54 0.64 0.00	60.32 0.43 -5.51	57.80 0.32 -4.79	58.45 0.27 -4.84	59.30 0.32 -4.91	63.20 0.40 -5.72	63.16 0.40 -5.38	56.85 0.94 -0.53	89.63 2.23 -1.73	82.18 2.24 0.00	66.27 1.53 -0.81	61.06 1.35 -0.86	56.64 0.77 -0.55	56.54 0.78 -0.26	56.28 0.78 -0.07
BORALEX_4TH_BRANCH 23824	36.72 2.14 0.00	35.15 2.08 0.00	33.57 1.90 0.00	33.51 1.90 0.00	35.03 2.05 0.00	37.84 2.24 0.00	47.49 2.98 0.00	50.98 3.25 0.00	48.65 3.14 -0.61	46.50 2.96 -0.65	60.39 4.02 -1.99	58.71 3.95 -2.06	59.21 4.00 -1.87	59.89 4.00 -1.83	64.61 4.22 -3.30	72.15 4.36 -10.41	79.08 4.26 -19.44	95.46 6.94 -2.85	126.29 6.40 -39.96	98.71 5.11 -29.67	94.93 4.65 -31.44	79.68 4.32 -20.05	69.53 4.38 -9.64	62.02 4.21 -2.36
BOWLINE___1 23526	36.27 1.69 0.00	34.48 1.42 0.00	32.97 1.30 0.00	32.94 1.33 0.00	34.37 1.39 0.00	37.13 1.53 0.00	46.73 2.22 0.00	50.22 2.48 0.00	43.41 2.56 4.04	41.11 2.49 4.27	44.66 3.43 13.14	42.51 3.42 13.61	44.52 3.52 12.34	45.51 3.51 12.07	39.14 3.83 21.77	40.87 3.90 20.41	73.88 4.04 -14.46	94.39 6.60 -2.12	97.63 5.83 -11.86	90.62 4.66 -22.03	86.37 4.24 -23.29	73.97 3.76 -14.89	66.33 3.66 -7.16	60.58 3.38 -1.76
BOWLINE___2 23595	36.27 1.69 0.00	34.52 1.45 0.00	33.00 1.33 0.00	32.94 1.33 0.00	34.40 1.42 0.00	37.16 1.56 0.00	46.82 2.31 0.00	50.27 2.53 0.00	43.41 2.56 4.04	41.11 2.49 4.27	44.65 3.43 13.15	42.56 3.48 13.61	44.52 3.52 12.34	45.51 3.51 12.07	39.19 3.88 21.78	40.92 3.96 20.42	73.88 4.04 -14.46	94.39 6.60 -2.12	97.63 5.83 -11.86	90.62 4.66 -22.03	86.37 4.24 -23.29	73.97 3.76 -14.89	66.33 3.66 -7.16	60.58 3.38 -1.76
BRADY___115KV_TB2 356060	61.28 -0.17 -26.88	58.38 -0.66 -25.98	56.18 -0.60 -25.11	56.02 -0.66 -25.07	53.42 -0.63 -21.06	34.00 -1.60 0.00	42.60 -1.91 0.00	46.78 -0.95 0.00	43.28 -1.62 0.00	41.65 -1.24 0.00	90.25 -2.61 -38.49	83.45 -2.69 -33.45	84.34 -2.83 -33.83	85.69 -2.70 -34.32	94.24 -2.80 -39.95	91.13 -2.75 -36.51	54.03 -1.83 -0.48	96.36 -0.94 -11.63	79.86 -0.08 0.00	64.21 -0.45 -0.73	59.09 -0.53 -0.78	53.99 -1.83 -0.50	54.91 -0.83 -0.24	55.67 0.17 -0.06
BRANSCOMB___SOLAR 323811	36.72 2.14 0.00	35.28 2.22 0.00	33.64 1.96 0.00	33.60 1.99 0.00	35.13 2.14 0.00	37.99 2.39 0.00	47.76 3.25 0.00	51.13 3.39 0.00	48.63 3.23 -0.51	46.35 2.92 -0.54	59.72 3.70 -1.65	58.03 3.63 -1.71	58.52 3.63 -1.55	59.26 3.68 -1.51	63.81 3.99 -2.73	71.62 4.31 -9.93	79.75 4.37 -20.00	95.88 7.28 -2.93	136.28 6.88 -49.46	99.92 5.50 -30.50	96.17 5.00 -32.32	80.47 4.54 -20.61	69.86 4.44 -9.92	62.20 4.33 -2.43
BRENTWOD_69_KV_W. BRTWOOD 56703	37.86 3.28 0.00	35.74 2.68 0.00	33.99 2.31 0.00	33.79 2.18 0.00	35.72 2.74 0.00	38.70 3.10 0.00	48.87 4.36 0.00	52.51 4.77 0.00	51.61 4.40 -2.31	49.03 3.69 -2.44	66.90 5.00 -7.52	65.48 5.01 -7.78	65.52 5.12 -7.06	66.38 5.41 -6.90	75.37 5.82 -12.46	83.58 6.71 -19.49	91.26 7.42 -28.46	110.02 11.39 -12.96	102.83 10.31 -12.58	94.83 8.12 -22.79	90.76 7.83 -24.09	87.01 6.97 -24.72	69.84 6.94 -7.40	63.24 5.99 -1.81

BRISTLHL_115KV_TB1 79998	33.74 -0.83 0.00	32.24 -0.83 0.00	30.95 -0.73 0.00	30.88 -0.73 0.00	32.23 -0.76 0.00	34.92 -0.68 0.00	43.57 -0.93 0.00	46.64 -1.10 0.00	43.82 -1.08 0.00	41.87 -1.03 0.00	52.63 -1.74 0.00	51.01 -1.69 0.00	51.63 -1.71 0.00	52.34 -1.73 0.00	55.32 -1.77 0.00	56.08 -1.72 -0.43	55.23 -1.44 -1.29	84.15 -1.71 -0.19	78.34 -1.60 0.00	64.55 -1.34 -1.97	59.64 -1.29 -2.09	55.21 -1.44 -1.33	54.75 -1.39 -0.64	54.21 -1.39 -0.16
BROOKHAVEN___DRP 24191	37.79 3.22 0.00	35.64 2.58 0.00	33.92 2.25 0.00	33.70 2.09 0.00	35.66 2.67 0.00	38.59 2.99 0.00	48.78 4.27 0.00	52.42 4.68 0.00	51.47 4.26 -2.31	48.82 3.47 -2.44	66.52 4.62 -7.52	65.11 4.64 -7.78	65.09 4.69 -7.06	65.89 4.92 -6.90	74.80 5.25 -12.46	83.12 6.25 -19.49	90.98 7.14 -28.46	110.20 11.57 -12.96	102.99 10.47 -12.58	94.96 8.25 -22.79	90.47 7.53 -24.09	86.73 6.69 -24.72	69.40 6.49 -7.40	62.80 5.54 -1.81
BROOKLYN_NAVY_YARD 23515	36.68 2.11 0.00	34.91 1.85 0.00	33.29 1.61 0.00	33.22 1.61 0.00	34.70 1.71 0.00	37.59 1.99 0.00	47.49 2.98 0.00	51.18 3.44 0.00	50.76 3.55 -2.32	48.82 3.47 -2.45	66.31 4.40 -7.54	64.92 4.43 -7.80	64.90 4.48 -7.07	65.47 4.49 -6.92	74.48 4.91 -12.49	81.95 5.05 -19.53	75.56 5.26 -14.92	96.51 8.65 -2.19	99.75 7.60 -12.22	92.60 5.95 -22.73	88.35 5.47 -24.03	75.49 4.81 -15.36	67.49 4.60 -7.39	61.52 4.27 -1.81
BROOKLYN___ARMY_DRP 323595	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.56 3.82 0.00	50.94 3.73 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.97 4.97 -6.92	74.83 5.25 -12.49	82.47 5.57 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.64 8.47 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.08 5.37 -15.39	68.07 5.16 -7.41	62.14 4.88 -1.82
BROOKVLE_69_KV_TB1 55790	37.27 2.70 0.00	35.38 2.31 0.00	33.67 2.00 0.00	33.51 1.90 0.00	35.26 2.28 0.00	38.13 2.53 0.00	48.11 3.61 0.00	51.70 3.96 0.00	51.02 3.82 -2.31	48.82 3.47 -2.44	66.52 4.62 -7.52	65.17 4.69 -7.78	65.14 4.75 -7.06	65.89 4.92 -6.90	74.80 5.25 -12.46	82.67 5.80 -19.49	89.87 6.04 -28.46	108.48 9.85 -12.96	101.47 8.95 -12.58	93.74 7.03 -22.79	89.35 6.41 -24.09	85.74 5.70 -24.72	68.51 5.61 -7.40	62.24 4.99 -1.81
BROOME_2_LFGE 323671	34.64 0.07 0.00	33.10 0.03 0.00	31.74 0.06 0.00	31.67 0.06 0.00	33.12 0.13 0.00	35.88 0.28 0.00	44.91 0.40 0.00	47.83 0.10 0.00	44.76 0.14 0.27	42.75 0.13 0.28	53.13 -0.38 0.87	51.24 -0.53 0.93	52.03 -0.48 0.83	52.84 -0.43 0.79	55.31 -0.34 1.43	57.16 -0.29 -0.07	60.57 0.00 -5.20	87.12 0.68 -0.77	85.30 0.56 -4.80	72.10 0.32 -7.85	66.84 0.24 -7.76	60.57 -0.06 -5.31	58.00 -0.06 -2.55	56.01 -0.06 -0.63
BROOME___LFGE 323600	34.64 0.07 0.00	33.10 0.03 0.00	31.74 0.06 0.00	31.67 0.06 0.00	33.12 0.13 0.00	35.88 0.28 0.00	44.91 0.40 0.00	47.83 0.10 0.00	44.76 0.14 0.27	42.75 0.13 0.28	53.13 -0.38 0.87	51.24 -0.53 0.93	52.03 -0.48 0.83	52.84 -0.43 0.79	55.31 -0.34 1.43	57.16 -0.29 -0.07	60.57 0.00 -5.20	87.12 0.68 -0.77	85.30 0.56 -4.80	72.10 0.32 -7.85	66.84 0.24 -7.76	60.57 -0.06 -5.31	58.00 -0.06 -2.55	56.01 -0.06 -0.63
BROWNFLS_115KV_TB_3_5 80003	51.57 -1.24 -18.24	49.21 -1.49 -17.63	47.29 -1.43 -17.04	47.17 -1.45 -17.02	45.83 -1.45 -14.30	33.46 -2.14 0.00	41.88 -2.63 0.00	45.64 -2.10 0.00	42.47 -2.42 0.00	40.84 -2.06 0.00	77.24 -3.26 -26.12	72.13 -3.27 -22.70	72.89 -3.41 -22.96	74.01 -3.35 -23.30	80.72 -3.48 -27.12	78.74 -3.50 -24.87	53.08 -2.88 -0.58	90.35 -3.26 -7.93	77.46 -2.48 0.00	62.58 -2.24 -0.89	57.67 -2.12 -0.94	53.10 -2.82 -0.60	53.63 -2.16 -0.29	53.96 -1.55 -0.07
BROWNSV1_27_KV_LOAD 356125	37.06 2.49 0.00	35.34 2.28 0.00	33.57 1.90 0.00	33.54 1.93 0.00	35.03 2.05 0.00	37.91 2.31 0.00	47.89 3.38 0.00	51.65 3.91 0.00	51.12 3.91 -2.32	49.21 3.86 -2.45	66.81 4.89 -7.54	65.40 4.90 -7.80	65.37 4.96 -7.07	66.01 5.03 -6.92	74.94 5.37 -12.49	82.47 5.57 -19.53	76.11 5.81 -14.92	97.29 9.42 -2.19	100.55 8.39 -12.22	93.28 6.58 -22.77	88.98 6.06 -24.07	76.07 5.37 -15.39	68.01 5.11 -7.40	62.02 4.77 -1.81
BURROWS___LYONSDAL 23803	39.76 0.10 -5.09	37.88 -0.10 -4.91	36.36 -0.06 -4.75	36.26 -0.09 -4.74	36.90 -0.07 -3.99	35.56 -0.04 0.00	44.60 0.09 0.00	48.21 0.48 0.00	45.12 0.22 0.00	43.15 0.26 0.00	61.60 -0.05 -7.28	58.86 -0.16 -6.33	59.47 -0.27 -6.40	60.40 -0.16 -6.49	64.53 -0.11 -7.56	64.33 -0.11 -7.06	56.43 0.50 -0.56	89.57 1.63 -2.27	81.62 1.68 0.00	65.93 1.15 -0.86	60.69 0.94 -0.91	56.23 0.33 -0.58	56.17 0.39 -0.28	55.90 0.39 -0.07
CAITHNESS_CC_1 323624	37.62 3.04 0.00	35.48 2.41 0.00	33.83 2.15 0.00	33.60 1.99 0.00	35.56 2.57 0.00	38.52 2.92 0.00	48.65 4.14 0.00	52.08 4.34 0.00	51.29 4.08 -2.31	48.69 3.35 -2.44	66.51 4.62 -7.52	65.06 4.58 -7.78	65.04 4.64 -7.06	65.84 4.87 -6.90	74.91 5.36 -12.46	83.01 6.14 -19.49	90.87 7.03 -28.46	110.02 11.40 -12.96	102.83 10.32 -12.58	94.73 8.05 -22.75	90.25 7.35 -24.05	86.54 6.52 -24.69	69.27 6.38 -7.39	62.69 5.44 -1.81
CALPINE BETH_PAGE_GT4 24209	37.44 2.87 0.00	35.41 2.35 0.00	33.70 2.03 0.00	33.54 1.93 0.00	35.36 2.37 0.00	38.27 2.67 0.00	48.07 3.56 0.00	51.60 3.87 0.00	50.84 3.64 -2.31	48.51 3.17 -2.44	66.14 4.24 -7.52	64.75 4.27 -7.78	64.72 4.32 -7.06	65.51 4.54 -6.90	74.45 4.91 -12.46	82.44 5.57 -19.49	89.82 5.98 -28.46	108.31 9.68 -12.96	101.31 8.79 -12.58	93.62 6.90 -22.79	89.23 6.30 -24.09	85.68 5.64 -24.72	68.62 5.72 -7.40	62.13 4.88 -1.81
CALPINE_BETH_PAGE_GT_4 323586	37.41 2.84 0.00	35.34 2.28 0.00	33.70 2.03 0.00	33.54 1.93 0.00	35.36 2.38 0.00	38.27 2.67 0.00	48.07 3.56 0.00	51.46 3.73 0.00	50.80 3.59 -2.31	48.51 3.17 -2.44	66.19 4.29 -7.52	64.74 4.27 -7.78	64.77 4.37 -7.06	65.56 4.59 -6.90	74.62 5.08 -12.46	82.43 5.56 -19.49	89.82 5.98 -28.46	108.30 9.68 -12.96	101.23 8.71 -12.58	93.58 6.91 -22.75	89.20 6.30 -24.05	85.66 5.65 -24.69	68.61 5.72 -7.39	62.13 4.88 -1.81
CALPINE_BP_GT1 23823	37.41 2.84 0.00	35.34 2.28 0.00	33.70 2.03 0.00	33.54 1.93 0.00	35.36 2.38 0.00	38.27 2.67 0.00	48.07 3.56 0.00	51.46 3.73 0.00	50.80 3.59 -2.31	48.51 3.17 -2.44	66.19 4.29 -7.52	64.74 4.27 -7.78	64.77 4.37 -7.06	65.56 4.59 -6.90	74.62 5.08 -12.46	82.43 5.56 -19.49	89.82 5.98 -28.46	108.30 9.68 -12.96	101.23 8.71 -12.58	93.58 6.91 -22.75	89.20 6.30 -24.05	85.66 5.65 -24.69	68.61 5.72 -7.39	62.13 4.88 -1.81
CALSPAN___DRP 24200	32.78 -1.80 0.00	31.15 -1.92 0.00	30.19 -1.49 0.00	30.13 -1.49 0.00	31.43 -1.55 0.00	34.28 -1.32 0.00	42.73 -1.78 0.00	44.01 -3.72 0.00	41.57 -3.32 0.00	39.64 -3.26 0.00	48.88 -5.49 0.00	46.52 -5.85 0.33	47.52 -5.71 0.11	48.50 -5.57 0.00	51.03 -6.05 0.00	52.10 -5.97 -0.69	51.97 -5.48 -2.08	78.37 -7.11 0.19	75.56 -6.55 -2.17	61.57 -5.56 -3.21	53.98 -5.30 -0.43	52.18 -5.31 -2.17	52.00 -4.55 -1.05	51.82 -3.88 -0.26

CALVERTON___SOLAR 323806	37.82 3.25 0.00	35.64 2.58 0.00	33.98 2.31 0.00	33.76 2.15 0.00	35.72 2.74 0.00	38.70 3.10 0.00	48.92 4.41 0.00	52.42 4.68 0.00	51.56 4.35 -2.31	48.86 3.52 -2.44	66.68 4.79 -7.52	65.16 4.69 -7.78	65.20 4.80 -7.06	66.00 5.03 -6.90	75.02 5.48 -12.46	83.18 6.31 -19.49	91.15 7.31 -28.46	110.62 11.99 -12.96	103.38 10.87 -12.58	95.11 8.44 -22.75	90.60 7.71 -24.05	86.82 6.80 -24.69	69.49 6.60 -7.39	62.91 5.66 -1.81
CANDIGU_WT_PWR 323617	33.26 -1.31 0.00	31.68 -1.39 0.00	30.47 -1.20 0.00	30.47 -1.14 0.00	31.86 -1.12 0.00	34.67 -0.93 0.00	43.31 -1.20 0.00	45.45 -2.29 0.00	42.78 -2.11 0.00	40.80 -2.10 0.00	50.41 -3.97 0.00	47.60 -4.16 0.93	49.12 -4.16 0.06	50.06 -4.00 0.00	52.97 -4.11 0.00	54.51 -3.96 -1.10	55.36 -3.32 -3.30	79.39 -3.77 2.51	79.66 -3.35 -3.07	66.22 -2.75 -5.04	60.03 -2.59 -3.77	55.91 -2.82 -3.41	54.64 -2.50 -1.64	53.57 -2.28 -0.40
CARR STREET_E__SYR 24060	34.06 -0.52 0.00	32.53 -0.53 0.00	31.17 -0.51 0.00	31.10 -0.51 0.00	32.49 -0.49 0.00	35.21 -0.39 0.00	43.93 -0.58 0.00	47.02 -0.71 0.00	44.17 -0.72 0.00	42.21 -0.69 0.00	53.18 -1.20 0.00	51.48 -1.21 0.00	52.17 -1.17 0.00	52.88 -1.19 0.00	55.88 -1.20 0.00	56.65 -1.21 -0.48	55.93 -0.89 -1.44	84.95 -0.94 -0.22	79.06 -0.88 0.00	65.35 -0.83 -2.25	60.41 -0.82 -2.39	55.85 -0.99 -1.52	55.34 -0.89 -0.73	54.79 -0.83 -0.18
CARTHAGE___PAPER 23857	42.20 -0.66 -8.28	40.14 -0.93 -8.00	38.59 -0.82 -7.74	38.48 -0.85 -7.72	38.62 -0.86 -6.49	34.64 -0.96 0.00	43.49 -1.02 0.00	47.31 -0.43 0.00	44.09 -0.81 0.00	42.21 -0.69 0.00	64.71 -1.52 -11.86	61.36 -1.63 -10.30	62.00 -1.76 -10.42	63.02 -1.62 -10.57	67.74 -1.66 -12.31	67.24 -1.61 -11.47	55.40 -0.78 -0.80	89.35 0.00 -3.68	80.34 0.40 0.00	65.18 0.00 -1.26	60.06 -0.12 -1.33	55.23 -0.94 -0.85	55.08 -0.83 -0.41	54.76 -0.78 -0.10
CASSADAGA_WT_PWR 323784	32.22 -2.35 0.00	30.52 -2.55 0.00	29.52 -2.15 0.00	29.24 -2.37 0.00	30.51 -2.47 0.00	33.32 -2.28 0.00	41.71 -2.80 0.00	43.15 -4.58 0.00	40.76 -4.13 0.00	38.74 -4.16 0.00	47.79 -6.58 0.00	45.41 -7.01 0.28	46.25 -6.99 0.11	47.47 -6.60 0.00	49.83 -7.25 0.00	50.95 -7.17 -0.74	51.13 -6.48 -2.24	77.76 -7.88 0.03	75.12 -7.11 -2.30	61.34 -6.01 -3.43	54.24 -5.41 -0.81	52.38 -5.26 -2.32	52.29 -4.33 -1.12	52.00 -3.71 -0.28
CE_DUNWOOD___DRP 24194	36.65 2.07 0.00	34.91 1.85 0.00	33.26 1.58 0.00	33.19 1.58 0.00	34.70 1.72 0.00	37.52 1.92 0.00	47.27 2.76 0.00	50.89 3.15 0.00	50.42 3.14 -2.38	48.46 3.05 -2.52	66.15 4.02 -7.76	64.78 4.06 -8.03	64.73 4.11 -7.28	65.35 4.16 -7.12	74.39 4.45 -12.85	82.00 4.70 -19.92	75.03 4.76 -14.89	95.65 7.80 -2.19	99.16 7.03 -12.19	92.21 5.56 -22.72	87.93 5.06 -24.02	75.16 4.48 -15.36	67.27 4.38 -7.39	61.30 4.05 -1.81
CE_MILLWOOD___DRP 24193	36.54 1.97 0.00	34.85 1.79 0.00	33.19 1.52 0.00	33.13 1.52 0.00	34.63 1.65 0.00	37.45 1.85 0.00	47.18 2.67 0.00	50.74 3.01 0.00	50.33 3.01 -2.43	48.38 2.92 -2.57	66.13 3.86 -7.90	64.77 3.90 -8.17	64.75 4.00 -7.41	65.32 4.00 -7.25	74.45 4.28 -13.08	82.06 4.53 -20.15	74.81 4.60 -14.83	95.39 7.54 -2.18	98.88 6.79 -12.15	91.93 5.37 -22.64	87.66 4.88 -23.93	74.93 4.32 -15.30	67.08 4.22 -7.36	61.12 3.88 -1.80
CE_NYC2_DRP 24202	36.99 2.42 0.00	35.28 2.22 0.00	33.51 1.84 0.00	33.44 1.83 0.00	34.93 1.95 0.00	37.77 2.17 0.00	47.63 3.12 0.00	51.27 3.53 0.00	50.71 3.50 -2.32	48.91 3.56 -2.45	66.59 4.68 -7.54	65.24 4.74 -7.80	65.22 4.80 -7.08	65.80 4.81 -6.92	74.71 5.14 -12.49	82.30 5.39 -19.53	75.90 5.59 -14.93	96.95 9.08 -2.20	100.24 8.07 -12.22	93.03 6.33 -22.78	88.75 5.83 -24.08	75.86 5.14 -15.39	67.85 4.94 -7.41	61.86 4.60 -1.82
CE_NYC_DRP 24195	36.82 2.25 0.00	35.11 2.05 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.58 3.07 0.00	51.27 3.53 0.00	50.80 3.59 -2.32	48.91 3.56 -2.45	66.37 4.46 -7.54	65.03 4.53 -7.80	65.00 4.59 -7.07	65.64 4.65 -6.92	74.54 4.97 -12.49	82.07 5.16 -19.53	75.67 5.37 -14.92	96.60 8.74 -2.19	99.91 7.75 -12.22	92.77 6.07 -22.77	88.45 5.53 -24.07	75.57 4.87 -15.39	67.56 4.66 -7.40	61.58 4.32 -1.81
CHAFFEE___LFGE 323603	33.15 -1.42 0.00	31.44 -1.62 0.00	30.34 -1.33 0.00	30.28 -1.33 0.00	31.63 -1.35 0.00	34.50 -1.10 0.00	43.00 -1.51 0.00	44.35 -3.39 0.00	41.89 -3.01 0.00	39.89 -3.00 0.00	49.15 -5.22 0.00	46.82 -5.59 0.29	47.68 -5.55 0.11	48.82 -5.24 0.00	51.37 -5.71 0.00	52.42 -5.68 -0.73	52.42 -5.15 -2.19	79.00 -6.59 0.08	76.12 -6.08 -2.26	62.04 -5.24 -3.36	54.54 -5.00 -0.70	52.50 -5.09 -2.27	52.15 -4.44 -1.10	51.83 -3.88 -0.27
CHATEAUG_35_KV_LOAD 355732	-9.84 -1.45 42.96	-9.84 -1.39 41.52	-9.85 -1.39 40.13	-9.88 -1.42 40.07	-2.17 -1.48 33.67	33.89 -1.71 0.00	42.37 -2.14 0.00	45.83 -1.91 0.00	42.96 -1.93 0.00	40.88 -2.02 0.00	-9.86 -2.72 61.52	-3.34 -2.58 53.46	-3.44 -2.72 54.06	-3.49 -2.70 54.86	-9.74 -2.97 63.86	-3.76 -3.04 58.09	52.50 -2.88 0.00	62.49 -4.71 18.47	75.94 -4.00 0.00	61.37 -2.56 0.00	56.84 -2.00 0.00	53.11 -2.21 0.00	53.17 -2.33 0.00	53.50 -1.94 0.00
CHATEAUG_WT_PWR 323614	-6.90 -1.59 39.88	-7.04 -1.55 38.55	-7.11 -1.52 37.26	-7.11 -1.52 37.20	0.14 -1.58 31.26	33.86 -1.74 0.00	42.24 -2.27 0.00	45.64 -2.10 0.00	42.83 -2.06 0.00	40.80 -2.10 0.00	-5.57 -2.83 57.11	0.38 -2.69 49.63	0.37 -2.78 50.20	0.32 -2.81 50.93	-5.34 -3.14 59.29	0.28 -3.16 53.94	52.38 -2.99 0.00	63.64 -4.88 17.15	75.78 -4.16 0.00	61.30 -2.62 0.00	56.78 -2.06 0.00	53.05 -2.27 0.00	53.12 -2.38 0.00	53.39 -2.05 0.00
CHAT_HIGH_FALL_HYD 323578	-9.84 -1.45 42.96	-9.84 -1.39 41.52	-9.85 -1.39 40.13	-9.88 -1.42 40.07	-2.17 -1.48 33.67	33.89 -1.71 0.00	42.37 -2.14 0.00	45.83 -1.91 0.00	42.96 -1.93 0.00	40.88 -2.02 0.00	-9.86 -2.72 61.52	-3.34 -2.58 53.46	-3.44 -2.72 54.06	-3.49 -2.70 54.86	-9.74 -2.97 63.86	-3.76 -3.04 58.09	52.50 -2.88 0.00	62.49 -4.71 18.47	75.94 -4.00 0.00	61.37 -2.56 0.00	56.84 -2.00 0.00	53.11 -2.21 0.00	53.17 -2.33 0.00	53.50 -1.94 0.00
CHAUTAUQUA___LFGE 323629	32.74 -1.83 0.00	31.01 -2.05 0.00	29.96 -1.71 0.00	29.84 -1.77 0.00	31.17 -1.81 0.00	34.00 -1.60 0.00	42.42 -2.09 0.00	43.78 -3.96 0.00	41.35 -3.55 0.00	39.34 -3.56 0.00	48.50 -5.87 0.00	46.17 -6.22 0.31	47.04 -6.19 0.11	48.22 -5.84 0.00	50.69 -6.39 0.00	51.72 -6.37 -0.72	51.77 -5.76 -2.16	78.33 -7.20 0.14	75.62 -6.55 -2.24	61.61 -5.63 -3.31	54.14 -5.30 -0.59	52.30 -5.26 -2.24	52.31 -4.27 -1.08	52.22 -3.49 -0.27
CHERRYST_13_KV_LD 356241	36.92 2.35 0.00	35.18 2.12 0.00	33.45 1.77 0.00	33.41 1.80 0.00	34.90 1.91 0.00	37.77 2.17 0.00	47.71 3.20 0.00	51.46 3.72 0.00	50.94 3.73 -2.32	49.04 3.69 -2.45	66.59 4.68 -7.54	65.19 4.69 -7.80	65.22 4.80 -7.07	65.80 4.81 -6.92	74.71 5.14 -12.49	82.30 5.39 -19.53	75.89 5.59 -14.92	96.94 9.08 -2.19	100.15 7.99 -12.22	92.96 6.26 -22.77	88.68 5.77 -24.07	75.74 5.03 -15.39	67.68 4.77 -7.40	61.74 4.49 -1.81

CHESTROR_138KV_BK263 355645	36.06 1.49 0.00	34.39 1.32 0.00	32.78 1.11 0.00	32.72 1.11 0.00	34.21 1.22 0.00	36.95 1.35 0.00	46.51 2.00 0.00	49.98 2.24 0.00	44.18 2.29 3.01	41.91 2.19 3.18	47.54 2.94 9.77	45.58 3.00 10.12	47.21 3.04 9.18	48.18 3.08 8.97	44.26 3.37 16.19	46.58 3.56 14.36	72.88 3.82 -13.68	94.02 6.34 -2.01	96.80 5.60 -11.26	89.28 4.47 -20.88	84.97 4.06 -22.07	73.08 3.65 -14.11	65.95 3.66 -6.79	60.48 3.38 -1.66
CH_MIDHUDSON___DRP 24192	36.65 2.07 0.00	34.98 1.92 0.00	33.32 1.65 0.00	33.25 1.64 0.00	34.80 1.81 0.00	37.59 1.99 0.00	47.45 2.94 0.00	50.98 3.25 0.00	48.68 3.19 -0.60	46.54 3.00 -0.64	60.30 3.97 -1.96	58.72 4.00 -2.03	59.29 4.11 -1.84	60.03 4.16 -1.80	64.78 4.45 -3.25	71.17 4.88 -8.91	75.42 4.93 -15.12	96.03 8.14 -2.22	100.05 7.35 -12.76	92.81 5.82 -23.07	88.59 5.35 -24.39	75.67 4.76 -15.59	67.66 4.66 -7.50	61.66 4.38 -1.84
CH_MISC_IPPS 23765	36.65 2.07 0.00	34.98 1.92 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.08 3.34 0.00	48.17 3.28 0.00	45.90 3.00 0.00	58.34 3.97 0.00	56.65 3.95 0.00	57.45 4.11 0.00	58.23 4.16 0.00	61.71 4.62 0.00	67.39 4.99 -5.02	75.36 5.15 -14.84	96.33 8.48 -2.18	100.18 7.75 -12.49	92.67 6.14 -22.61	88.39 5.65 -23.90	75.63 5.03 -15.28	67.79 4.94 -7.35	61.84 4.60 -1.80
CH_RES_BVR_FALLS 23983	32.29 -0.76 1.53	30.89 -0.70 1.48	29.58 -0.67 1.43	29.52 -0.67 1.42	31.03 -0.76 1.20	34.74 -0.85 0.00	43.40 -1.11 0.00	46.69 -1.05 0.00	43.86 -1.03 0.00	41.87 -1.03 0.00	50.94 -1.25 2.19	49.59 -1.21 1.90	50.20 -1.22 1.92	50.88 -1.24 1.95	53.45 -1.37 2.27	53.88 -1.43 2.06	53.83 -1.55 0.00	82.36 -2.66 0.66	77.62 -2.32 0.00	62.26 -1.66 0.00	57.49 -1.35 0.00	54.16 -1.16 0.00	54.28 -1.22 0.00	54.33 -1.11 0.00
CH_RES_NIAGARA 23895	31.57 -3.01 0.00	30.05 -3.01 0.00	29.14 -2.53 0.00	29.08 -2.53 0.00	30.31 -2.67 0.00	33.04 -2.56 0.00	41.04 -3.47 0.00	42.01 -5.73 0.00	39.64 -5.25 0.00	37.88 -5.02 0.00	46.70 -7.67 0.00	44.59 -7.80 0.31	45.48 -7.73 0.13	46.33 -7.73 0.00	48.81 -8.28 0.00	49.72 -8.26 -0.61	49.51 -7.70 -1.83	74.53 -11.05 0.09	71.79 -10.15 -2.00	58.31 -8.44 -2.83	50.59 -7.94 0.31	49.65 -7.58 -1.91	50.21 -6.22 -0.92	50.85 -4.82 -0.23
CH_RES_SYRACUSE 23985	34.26 -0.31 0.00	32.73 -0.33 0.00	31.36 -0.32 0.00	31.29 -0.32 0.00	32.69 -0.30 0.00	35.42 -0.18 0.00	44.24 -0.27 0.00	47.35 -0.38 0.00	44.49 -0.40 0.00	42.51 -0.39 0.00	53.50 -0.87 0.00	51.80 -0.90 0.00	52.49 -0.86 0.00	53.20 -0.87 0.00	56.23 -0.85 0.00	57.11 -0.80 -0.53	56.43 -0.55 -1.61	85.57 -0.34 -0.24	79.70 -0.24 0.00	66.19 -0.25 -2.52	61.23 -0.29 -2.67	56.47 -0.55 -1.71	55.82 -0.50 -0.82	55.20 -0.45 -0.20
CLINTON_WT_PWR 323605	-6.90 -1.59 39.88	-7.04 -1.55 38.55	-7.11 -1.52 37.26	-7.11 -1.52 37.20	0.14 -1.58 31.26	33.86 -1.74 0.00	42.24 -2.27 0.00	45.64 -2.10 0.00	42.83 -2.06 0.00	40.80 -2.10 0.00	-5.57 -2.83 57.11	0.38 -2.69 49.63	0.37 -2.78 50.20	0.32 -2.81 50.93	-5.34 -3.14 59.29	0.28 -3.16 53.94	52.38 -2.99 0.00	63.64 -4.88 17.15	75.78 -4.16 0.00	61.30 -2.62 0.00	56.78 -2.06 0.00	53.05 -2.27 0.00	53.12 -2.38 0.00	53.39 -2.05 0.00
CLINTON___LFGE 323618	-7.12 -1.00 40.69	-7.22 -0.96 39.32	-7.29 -0.95 38.01	-7.32 -0.98 37.95	0.01 -1.09 31.89	34.35 -1.25 0.00	42.86 -1.65 0.00	46.35 -1.39 0.00	43.46 -1.44 0.00	41.31 -1.59 0.00	-6.01 -2.12 58.26	0.01 -2.06 50.63	0.00 -2.14 51.21	0.00 -2.11 51.96	-5.79 -2.40 60.48	0.00 -2.35 55.02	53.21 -2.16 0.00	64.66 -3.52 17.50	76.98 -2.96 0.00	62.46 -1.47 0.00	57.84 -1.00 0.00	53.83 -1.49 0.00	53.84 -1.66 0.00	54.17 -1.27 0.00
COBBLENY_34_KV_TB1 80064	32.95 -1.62 0.00	31.31 -1.75 0.00	30.34 -1.33 0.00	30.28 -1.33 0.00	31.60 -1.39 0.00	34.50 -1.10 0.00	43.00 -1.51 0.00	44.30 -3.44 0.00	41.84 -3.05 0.00	39.89 -3.00 0.00	49.21 -5.17 0.00	46.87 -5.53 0.29	47.84 -5.39 0.11	48.82 -5.24 0.00	51.32 -5.77 0.00	52.42 -5.68 -0.73	52.36 -5.21 -2.19	79.08 -6.51 0.08	76.12 -6.08 -2.26	62.06 -5.24 -3.37	54.56 -5.00 -0.71	52.51 -5.09 -2.28	52.16 -4.44 -1.10	51.83 -3.88 -0.27
COFFEEN___115KV_TB3 355620	41.29 -0.17 -6.89	39.19 -0.53 -6.66	37.70 -0.41 -6.43	37.56 -0.47 -6.42	37.95 -0.43 -5.40	35.24 -0.36 0.00	44.24 -0.27 0.00	48.17 0.43 0.00	44.85 -0.04 0.00	42.94 0.04 0.00	63.47 -0.76 -9.86	60.32 -0.95 -8.57	60.94 -1.07 -8.67	61.94 -0.92 -8.79	66.52 -0.80 -10.24	66.18 -0.80 -9.61	56.49 0.22 -0.90	90.56 1.80 -3.09	82.02 2.08 0.00	66.57 1.28 -1.37	61.30 1.00 -1.45	56.25 0.00 -0.93	55.89 -0.06 -0.45	55.44 -0.11 -0.11
COLDSPRG_115KV_BK1 355956	33.54 -1.04 0.00	31.84 -1.22 0.00	30.91 -0.76 0.00	30.79 -0.82 0.00	32.13 -0.86 0.00	35.14 -0.46 0.00	43.93 -0.58 0.00	45.54 -2.20 0.00	43.10 -1.80 0.00	41.01 -1.89 0.00	50.51 -3.86 0.00	48.04 -4.43 0.23	49.02 -4.21 0.10	50.12 -3.95 0.00	52.63 -4.45 0.00	53.74 -4.42 -0.78	53.75 -3.99 -2.36	81.78 -4.03 -0.14	78.57 -3.76 -2.39	64.04 -3.52 -3.63	56.71 -3.30 -1.16	54.24 -3.54 -2.46	53.35 -3.33 -1.18	52.46 -3.27 -0.29
COLONIE_LFGE___ 323577	36.09 1.52 0.00	34.58 1.52 0.00	33.07 1.39 0.00	33.00 1.39 0.00	34.47 1.49 0.00	37.24 1.64 0.00	46.73 2.22 0.00	50.12 2.39 0.00	47.71 2.29 -0.53	45.60 2.14 -0.56	59.14 3.04 -1.72	57.48 3.00 -1.79	58.00 3.04 -1.62	58.73 3.08 -1.58	63.19 3.25 -2.86	70.72 3.33 -10.01	78.45 3.27 -19.81	93.98 5.40 -2.91	130.08 5.04 -45.10	98.16 4.03 -30.20	94.50 3.65 -32.01	79.05 3.32 -20.41	68.71 3.39 -9.82	61.12 3.27 -2.41
COOPERNY_115KV_TB1 80082	35.75 1.18 0.00	34.09 1.02 0.00	32.59 0.92 0.00	32.53 0.92 0.00	33.97 0.99 0.00	36.67 1.07 0.00	46.07 1.56 0.00	49.55 1.81 0.00	44.88 1.80 1.81	42.70 1.72 1.91	50.83 2.34 5.88	48.97 2.37 6.09	50.22 2.40 5.52	51.10 2.43 5.40	49.97 2.63 9.74	52.45 2.81 7.74	69.44 3.05 -11.02	92.35 5.05 -1.62	93.65 4.48 -9.23	84.32 3.58 -16.81	79.88 3.30 -17.74	69.61 2.93 -11.36	64.02 3.05 -5.47	59.60 2.83 -1.33
COPENHAGEN_WT_PWR 323753	40.71 -0.38 -6.52	38.66 -0.70 -6.30	37.16 -0.60 -6.09	37.06 -0.63 -6.08	37.46 -0.63 -5.11	34.99 -0.61 0.00	43.89 -0.62 0.00	47.69 -0.05 0.00	44.49 -0.40 0.00	42.60 -0.30 0.00	62.62 -1.09 -9.33	59.54 -1.27 -8.11	60.21 -1.33 -8.20	61.14 -1.24 -8.32	65.57 -1.20 -9.68	65.29 -1.21 -9.12	55.97 -0.33 -0.92	89.29 0.68 -2.94	80.97 1.04 0.00	65.82 0.45 -1.44	60.67 0.30 -1.53	55.79 -0.50 -0.97	55.47 -0.50 -0.47	55.05 -0.50 -0.11
CORNELL_____ 23752	35.02 0.45 0.00	33.39 0.33 0.00	32.05 0.38 0.00	31.99 0.38 0.00	33.45 0.46 0.00	36.35 0.75 0.00	45.53 1.02 0.00	48.50 0.76 0.00	45.57 0.67 0.00	43.45 0.56 0.00	54.59 0.22 0.00	52.79 0.11 0.01	53.49 0.16 0.01	54.23 0.16 0.00	57.31 0.23 0.00	58.83 0.40 -1.05	59.32 0.78 -3.17	88.62 2.48 -0.47	85.57 2.32 -3.31	70.48 1.73 -4.83	65.24 1.47 -4.92	59.52 0.94 -3.26	57.96 0.89 -1.57	56.71 0.83 -0.44

CORONA__69_KV_TB1 355595	37.34 2.77 0.00	35.34 2.28 0.00	33.64 1.96 0.00	33.48 1.87 0.00	35.26 2.28 0.00	38.16 2.56 0.00	48.16 3.65 0.00	51.70 3.96 0.00	50.98 3.77 -2.31	48.69 3.35 -2.44	66.35 4.46 -7.52	64.96 4.48 -7.78	64.98 4.59 -7.06	65.73 4.76 -6.90	74.68 5.14 -12.46	82.67 5.80 -19.49	89.87 6.04 -28.46	108.40 9.77 -12.96	101.39 8.87 -12.58	93.81 7.10 -22.79	89.35 6.41 -24.09	85.85 5.81 -24.72	68.68 5.77 -7.40	62.24 4.99 -1.81
CORTLAND__115KV_TB3 80093	34.78 0.21 0.00	33.20 0.13 0.00	31.86 0.19 0.00	31.80 0.19 0.00	33.22 0.23 0.00	36.03 0.43 0.00	45.13 0.62 0.00	48.21 0.48 0.00	45.34 0.45 0.00	43.28 0.39 0.00	54.43 0.05 0.00	52.63 -0.05 0.01	53.34 0.00 0.01	54.07 0.00 0.00	57.14 0.06 0.00	58.46 0.17 -0.91	58.63 0.50 -2.75	87.62 1.54 -0.41	83.89 1.44 -2.51	69.15 1.02 -4.20	63.97 0.82 -4.31	58.60 0.44 -2.84	57.31 0.44 -1.37	56.18 0.39 -0.35
COXSACKIE__GT 23611	36.34 1.76 0.00	34.95 1.88 0.00	33.26 1.58 0.00	33.22 1.61 0.00	34.83 1.85 0.00	37.59 1.99 0.00	47.54 3.03 0.00	50.89 3.15 0.00	47.85 2.65 -0.31	45.11 1.89 -0.33	58.26 2.88 -1.00	56.52 2.79 -1.04	57.27 2.99 -0.94	58.23 3.24 -0.92	62.35 3.60 -1.66	69.25 3.73 -8.14	77.81 4.04 -18.40	95.31 6.94 -2.70	112.69 6.72 -26.04	97.16 5.18 -28.06	93.46 4.88 -29.74	78.60 4.32 -18.96	68.79 4.16 -9.12	61.67 3.99 -2.24
CPV_VALLEY__CC1 323721	35.75 1.18 0.00	34.05 0.99 0.00	32.56 0.89 0.00	32.49 0.88 0.00	33.97 0.99 0.00	36.67 1.07 0.00	46.11 1.60 0.00	49.55 1.81 0.00	44.03 1.84 2.71	41.84 1.80 2.86	48.13 2.56 8.80	46.16 2.58 9.11	47.69 2.61 8.26	48.64 2.65 8.08	45.42 2.91 14.58	47.68 3.10 12.79	71.54 3.27 -12.90	93.05 5.49 -1.89	95.34 4.80 -10.60	87.40 3.84 -19.64	83.07 3.47 -20.75	71.75 3.15 -13.27	65.27 3.39 -6.39	60.11 3.10 -1.57
CPV_VALLEY__CC2 323722	35.75 1.18 0.00	34.05 0.99 0.00	32.56 0.89 0.00	32.49 0.88 0.00	33.97 0.99 0.00	36.67 1.07 0.00	46.11 1.60 0.00	49.55 1.81 0.00	44.03 1.84 2.71	41.84 1.80 2.86	48.13 2.56 8.80	46.16 2.58 9.11	47.69 2.61 8.26	48.64 2.65 8.08	45.42 2.91 14.58	47.68 3.10 12.79	71.54 3.27 -12.90	93.05 5.49 -1.89	95.34 4.80 -10.60	87.40 3.84 -19.64	83.07 3.47 -20.75	71.75 3.15 -13.27	65.27 3.39 -6.39	60.11 3.10 -1.57
CRESCENT__HYD 24018	36.09 1.52 0.00	34.58 1.52 0.00	33.07 1.39 0.00	33.00 1.39 0.00	34.47 1.49 0.00	37.24 1.64 0.00	46.73 2.22 0.00	50.12 2.39 0.00	47.71 2.29 -0.53	45.60 2.14 -0.56	59.14 3.04 -1.72	57.48 3.00 -1.79	58.00 3.04 -1.62	58.73 3.08 -1.58	63.19 3.25 -2.86	70.72 3.33 -10.01	78.45 3.27 -19.81	93.98 5.40 -2.91	130.08 5.04 -45.10	98.16 4.03 -30.20	94.50 3.65 -32.01	79.05 3.32 -20.41	68.71 3.39 -9.82	61.12 3.27 -2.41
CRICKET__VALLEY_CC1 323756	36.27 1.69 0.00	34.58 1.52 0.00	33.07 1.39 0.00	33.00 1.39 0.00	34.47 1.49 0.00	37.24 1.64 0.00	46.87 2.36 0.00	50.36 2.62 0.00	49.08 2.65 -1.54	47.14 2.62 -1.63	63.13 3.75 -5.00	61.61 3.74 -5.18	61.82 3.79 -4.69	62.50 3.84 -4.59	69.43 4.05 -8.29	76.63 4.19 -15.07	75.36 4.16 -15.83	94.76 6.77 -2.32	99.54 6.07 -13.53	92.84 4.80 -24.12	88.77 4.42 -25.51	75.66 4.04 -16.30	67.39 4.05 -7.84	61.19 3.82 -1.92
CRICKET__VALLEY_CC2 323757	36.27 1.69 0.00	34.58 1.52 0.00	33.07 1.39 0.00	33.00 1.39 0.00	34.47 1.49 0.00	37.24 1.64 0.00	46.87 2.36 0.00	50.36 2.62 0.00	49.08 2.65 -1.54	47.14 2.62 -1.63	63.13 3.75 -5.00	61.61 3.74 -5.18	61.82 3.79 -4.69	62.50 3.84 -4.59	69.43 4.05 -8.29	76.63 4.19 -15.07	75.36 4.16 -15.83	94.76 6.77 -2.32	99.54 6.07 -13.53	92.84 4.80 -24.12	88.77 4.42 -25.51	75.66 4.04 -16.30	67.39 4.05 -7.84	61.19 3.82 -1.92
CRICKET__VALLEY_CC3 323758	36.27 1.69 0.00	34.58 1.52 0.00	33.07 1.39 0.00	33.00 1.39 0.00	34.47 1.49 0.00	37.24 1.64 0.00	46.87 2.36 0.00	50.36 2.62 0.00	49.08 2.65 -1.54	47.14 2.62 -1.63	63.13 3.75 -5.00	61.61 3.74 -5.18	61.82 3.79 -4.69	62.50 3.84 -4.59	69.43 4.05 -8.29	76.63 4.19 -15.07	75.36 4.16 -15.83	94.76 6.77 -2.32	99.54 6.07 -13.53	92.84 4.80 -24.12	88.77 4.42 -25.51	75.66 4.04 -16.30	67.39 4.05 -7.84	61.19 3.82 -1.92
CRUCIBLE__METL_DRP 24180	34.23 -0.35 0.00	32.70 -0.36 0.00	31.36 -0.32 0.00	31.29 -0.32 0.00	32.69 -0.30 0.00	35.42 -0.18 0.00	44.24 -0.27 0.00	47.36 -0.38 0.00	44.49 -0.40 0.00	42.51 -0.39 0.00	53.50 -0.87 0.00	51.80 -0.90 0.00	52.49 -0.85 0.00	53.20 -0.87 0.00	56.23 -0.86 0.00	57.11 -0.80 -0.53	56.43 -0.55 -1.61	85.56 -0.34 -0.24	79.70 -0.24 0.00	66.12 -0.26 -2.45	61.15 -0.29 -2.60	56.43 -0.55 -1.66	55.80 -0.50 -0.80	55.20 -0.44 -0.20
DAHOWA__HYDRO 323763	36.89 2.32 0.00	35.48 2.41 0.00	33.83 2.15 0.00	33.79 2.18 0.00	35.33 2.34 0.00	38.23 2.63 0.00	48.07 3.56 0.00	51.46 3.73 0.00	48.94 3.55 -0.50	46.60 3.17 -0.53	59.97 3.97 -1.63	58.28 3.90 -1.69	58.82 3.95 -1.53	59.51 3.94 -1.50	64.07 4.28 -2.70	71.93 4.65 -9.91	80.12 4.70 -20.04	96.41 7.80 -2.94	137.56 7.44 -50.19	100.43 5.95 -30.56	96.65 5.41 -32.39	80.84 4.87 -20.65	70.21 4.77 -9.94	62.48 4.60 -2.44
DANC__LFGE 323619	38.53 -0.52 -4.48	36.69 -0.70 -4.33	35.22 -0.63 -4.18	35.12 -0.67 -4.17	35.83 -0.66 -3.51	34.99 -0.61 0.00	43.80 -0.71 0.00	47.31 -0.43 0.00	44.22 -0.67 0.00	42.34 -0.56 0.00	59.48 -1.31 -6.41	56.84 -1.42 -5.57	57.48 -1.49 -5.63	58.38 -1.41 -5.72	62.37 -1.37 -6.65	62.40 -1.38 -6.40	55.71 -0.72 -1.06	87.50 -0.26 -2.08	79.94 0.00 0.00	65.32 -0.25 -1.65	60.30 -0.29 -1.75	55.61 -0.83 -1.12	55.21 -0.83 -0.54	54.74 -0.83 -0.13
DANSKAMMER__1 23586	36.65 2.07 0.00	34.98 1.92 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.08 3.34 0.00	48.17 3.28 0.00	45.90 3.00 0.00	58.34 3.97 0.00	56.65 3.95 0.00	57.45 4.11 0.00	58.23 4.16 0.00	61.71 4.62 0.00	67.39 4.99 -5.02	75.36 5.15 -14.84	96.33 8.48 -2.18	100.18 7.75 -12.49	92.67 6.14 -22.61	88.39 5.65 -23.90	75.63 5.03 -15.28	67.79 4.94 -7.35	61.84 4.60 -1.80
DANSKAMMER__2 23589	36.65 2.07 0.00	34.98 1.92 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.08 3.34 0.00	48.17 3.28 0.00	45.90 3.00 0.00	58.34 3.97 0.00	56.65 3.95 0.00	57.45 4.11 0.00	58.23 4.16 0.00	61.71 4.62 0.00	67.39 4.99 -5.02	75.36 5.15 -14.84	96.33 8.48 -2.18	100.18 7.75 -12.49	92.67 6.14 -22.61	88.39 5.65 -23.90	75.63 5.03 -15.28	67.79 4.94 -7.35	61.84 4.60 -1.80
DANSKAMMER__3 23590	36.65 2.07 0.00	34.98 1.92 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.08 3.34 0.00	48.17 3.28 0.00	45.90 3.00 0.00	58.34 3.97 0.00	56.65 3.95 0.00	57.45 4.11 0.00	58.23 4.16 0.00	61.71 4.62 0.00	67.39 4.99 -5.02	75.36 5.15 -14.84	96.33 8.48 -2.18	100.18 7.75 -12.49	92.67 6.14 -22.61	88.39 5.65 -23.90	75.63 5.03 -15.28	67.79 4.94 -7.35	61.84 4.60 -1.80

DANSKAMMER___4 23591	36.65 2.07 0.00	34.98 1.92 0.00	33.35 1.68 0.00	33.29 1.67 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.08 3.34 0.00	48.17 3.28 0.00	45.90 3.00 0.00	58.34 3.97 0.00	56.65 3.95 0.00	57.45 4.11 0.00	58.23 4.16 0.00	61.71 4.62 0.00	67.39 4.99 -5.02	75.36 5.15 -14.84	96.33 8.48 -2.18	100.18 7.75 -12.49	92.67 6.14 -22.61	88.39 5.65 -23.90	75.63 5.03 -15.28	67.79 4.94 -7.35	61.84 4.60 -1.80
DANSKAMMER___DIESEL 23592	36.72 2.14 0.00	35.05 1.98 0.00	33.35 1.68 0.00	33.29 1.68 0.00	34.87 1.88 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.08 3.34 0.00	48.17 3.28 0.00	45.90 3.00 0.00	58.29 3.91 0.00	56.64 3.95 0.00	57.39 4.05 0.00	58.23 4.16 0.00	61.60 4.51 0.00	67.39 4.99 -5.02	75.36 5.15 -14.84	96.33 8.48 -2.18	100.18 7.75 -12.49	92.71 6.14 -22.64	88.43 5.65 -23.94	75.66 5.03 -15.30	67.80 4.94 -7.36	61.84 4.60 -1.80
DARBY___SOLAR 323810	36.72 2.14 0.00	35.28 2.22 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.13 2.14 0.00	38.02 2.42 0.00	47.76 3.25 0.00	51.18 3.44 0.00	48.68 3.28 -0.51	46.39 2.96 -0.54	59.72 3.70 -1.65	58.03 3.63 -1.71	58.57 3.68 -1.55	59.31 3.73 -1.51	63.87 4.05 -2.73	71.67 4.36 -9.93	79.75 4.37 -20.00	95.88 7.28 -2.93	136.39 6.95 -49.50	99.93 5.50 -30.50	96.23 5.06 -32.33	80.47 4.54 -20.61	69.91 4.49 -9.92	62.20 4.33 -2.43
DASHVILLE___HYD 23610	36.89 2.32 0.00	35.25 2.18 0.00	33.48 1.81 0.00	33.41 1.80 0.00	35.03 2.05 0.00	37.84 2.24 0.00	47.94 3.43 0.00	51.46 3.72 0.00	48.33 3.64 0.20	45.86 3.17 0.22	57.74 4.02 0.66	56.06 4.06 0.69	56.93 4.21 0.62	57.89 4.43 0.61	60.84 4.85 1.10	66.54 5.28 -3.88	76.30 5.59 -15.33	97.26 9.34 -2.25	103.97 8.55 -15.48	94.04 6.71 -23.40	89.82 6.24 -24.74	76.61 5.48 -15.81	68.38 5.27 -7.61	62.07 4.77 -1.86
DEERFIELD_69_KV_DEERFIELD LD 355887	37.96 3.39 0.00	35.77 2.71 0.00	34.05 2.38 0.00	33.79 2.18 0.00	35.85 2.87 0.00	38.80 3.20 0.00	49.14 4.63 0.00	52.80 5.06 0.00	51.74 4.53 -2.31	48.94 3.60 -2.44	66.62 4.73 -7.52	65.17 4.69 -7.78	65.14 4.75 -7.06	65.95 4.97 -6.90	74.85 5.31 -12.46	83.30 6.43 -19.49	91.48 7.64 -28.46	110.80 12.17 -12.96	103.63 11.11 -12.58	95.41 8.69 -22.79	90.82 7.89 -24.09	87.01 6.97 -24.72	69.51 6.60 -7.40	63.13 5.88 -1.81
DELAWARE___LFGE 323621	35.58 1.00 0.00	33.99 0.93 0.00	32.59 0.92 0.00	32.53 0.92 0.00	33.97 0.99 0.00	36.67 1.07 0.00	46.02 1.51 0.00	49.46 1.72 0.00	46.15 1.62 0.36	44.06 1.54 0.38	54.88 1.69 1.18	53.04 1.58 1.24	53.82 1.60 1.12	54.66 1.68 1.08	56.90 1.77 1.96	59.38 1.89 -0.11	64.76 2.22 -7.17	90.58 3.86 -1.06	94.39 3.52 -10.94	77.68 2.81 -10.95	72.67 2.47 -11.35	64.82 2.10 -7.40	61.17 2.11 -3.56	58.23 1.94 -0.85
DERFIELD_115KV_TB7 355931	34.71 0.14 0.00	33.20 0.13 0.00	31.80 0.13 0.00	31.74 0.13 0.00	33.12 0.13 0.00	35.74 0.14 0.00	44.69 0.18 0.00	47.93 0.19 0.00	45.12 0.22 0.00	43.11 0.21 0.00	54.70 0.33 0.00	53.01 0.32 0.00	53.66 0.32 0.00	54.39 0.32 0.00	57.43 0.34 0.00	57.72 0.34 0.00	55.76 0.39 0.00	86.44 0.77 0.00	80.66 0.72 0.00	64.44 0.51 0.00	59.31 0.47 0.00	55.76 0.44 0.00	55.94 0.44 0.00	55.88 0.44 0.00
DOGLEVILLE___HYD 23807	34.82 0.24 0.00	33.26 0.20 0.00	31.90 0.22 0.00	31.86 0.25 0.00	33.28 0.30 0.00	35.99 0.39 0.00	45.00 0.49 0.00	48.31 0.57 0.00	45.34 0.45 0.00	43.33 0.43 0.00	54.86 0.49 0.00	53.11 0.42 0.00	53.77 0.42 0.00	54.50 0.43 0.00	57.54 0.45 0.00	57.83 0.46 0.00	56.04 0.67 0.00	86.96 1.29 0.00	81.21 1.28 0.00	64.94 1.02 0.00	59.84 1.00 0.00	56.26 0.94 0.00	56.55 1.05 0.00	56.55 1.11 0.00
DUNKIRK___115KV_TB_200 55889	32.57 -2.01 0.00	30.91 -2.15 0.00	30.03 -1.65 0.00	29.90 -1.71 0.00	31.20 -1.78 0.00	34.07 -1.53 0.00	42.51 -2.00 0.00	43.82 -3.91 0.00	41.39 -3.50 0.00	39.42 -3.47 0.00	48.66 -5.71 0.00	46.27 -6.11 0.31	47.31 -5.92 0.11	48.28 -5.79 0.00	50.75 -6.34 0.00	51.84 -6.25 -0.71	51.82 -5.70 -2.15	78.41 -7.11 0.15	75.69 -6.47 -2.23	61.61 -5.63 -3.31	54.19 -5.24 -0.58	52.36 -5.20 -2.24	52.31 -4.27 -1.08	52.22 -3.49 -0.27
DUNKIRK___1 23563	32.57 -2.01 0.00	30.91 -2.15 0.00	30.03 -1.65 0.00	29.90 -1.71 0.00	31.20 -1.78 0.00	34.07 -1.53 0.00	42.51 -2.00 0.00	43.82 -3.91 0.00	41.39 -3.50 0.00	39.42 -3.47 0.00	48.66 -5.71 0.00	46.27 -6.11 0.31	47.31 -5.92 0.11	48.28 -5.79 0.00	50.75 -6.34 0.00	51.84 -6.25 -0.71	51.82 -5.70 -2.15	78.41 -7.11 0.15	75.69 -6.47 -2.23	61.61 -5.63 -3.31	54.19 -5.24 -0.58	52.36 -5.20 -2.24	52.31 -4.27 -1.08	52.22 -3.49 -0.27
DUNKIRK___2 23564	32.57 -2.01 0.00	30.91 -2.15 0.00	30.03 -1.65 0.00	29.90 -1.71 0.00	31.20 -1.78 0.00	34.07 -1.53 0.00	42.51 -2.00 0.00	43.82 -3.91 0.00	41.39 -3.50 0.00	39.42 -3.47 0.00	48.66 -5.71 0.00	46.27 -6.11 0.31	47.31 -5.92 0.11	48.28 -5.79 0.00	50.75 -6.34 0.00	51.84 -6.25 -0.71	51.82 -5.70 -2.15	78.41 -7.11 0.15	75.69 -6.47 -2.23	61.61 -5.63 -3.31	54.19 -5.24 -0.58	52.36 -5.20 -2.24	52.31 -4.27 -1.08	52.22 -3.49 -0.27
DUNKIRK___3 23565	32.64 -1.94 0.00	30.98 -2.08 0.00	30.06 -1.62 0.00	29.97 -1.64 0.00	31.27 -1.72 0.00	34.14 -1.46 0.00	42.60 -1.91 0.00	43.92 -3.82 0.00	41.48 -3.41 0.00	39.51 -3.39 0.00	48.72 -5.65 0.00	46.36 -6.01 0.33	47.41 -5.81 0.11	48.39 -5.68 0.00	50.86 -6.22 0.00	51.94 -6.14 -0.70	51.89 -5.59 -2.10	78.35 -7.11 0.21	75.66 -6.47 -2.20	61.60 -5.56 -3.24	54.06 -5.24 -0.46	52.26 -5.26 -2.19	52.17 -4.38 -1.06	52.10 -3.60 -0.26
DUNKIRK___4 23566	32.64 -1.94 0.00	30.98 -2.08 0.00	30.06 -1.62 0.00	29.97 -1.64 0.00	31.27 -1.72 0.00	34.14 -1.46 0.00	42.60 -1.91 0.00	43.92 -3.82 0.00	41.48 -3.41 0.00	39.51 -3.39 0.00	48.72 -5.65 0.00	46.36 -6.01 0.33	47.41 -5.81 0.11	48.39 -5.68 0.00	50.86 -6.22 0.00	51.94 -6.14 -0.70	51.89 -5.59 -2.10	78.35 -7.11 0.21	75.66 -6.47 -2.20	61.60 -5.56 -3.24	54.06 -5.24 -0.46	52.26 -5.26 -2.19	52.17 -4.38 -1.06	52.10 -3.60 -0.26
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.72 2.14 0.00	34.98 1.92 0.00	33.32 1.65 0.00	33.25 1.64 0.00	34.77 1.78 0.00	37.59 1.99 0.00	47.40 2.89 0.00	51.03 3.29 0.00	50.49 3.28 -2.32	48.52 3.17 -2.45	66.10 4.19 -7.54	64.72 4.22 -7.81	64.69 4.27 -7.08	65.32 4.33 -6.93	74.21 4.62 -12.50	81.79 4.88 -19.54	75.28 4.98 -14.92	96.00 8.14 -2.19	99.43 7.27 -12.22	92.45 5.75 -22.77	88.15 5.24 -24.07	75.35 4.65 -15.38	67.40 4.50 -7.40	61.41 4.16 -1.81
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.37 1.80 0.00	34.68 1.62 0.00	33.04 1.36 0.00	33.00 1.39 0.00	34.54 1.55 0.00	37.27 1.67 0.00	47.00 2.49 0.00	50.51 2.77 0.00	46.43 2.78 1.24	44.16 2.57 1.31	53.70 3.37 4.05	51.93 3.43 4.19	53.06 3.52 3.80	53.98 3.62 3.71	54.27 3.88 6.70	58.65 4.30 3.03	74.32 4.60 -14.35	95.32 7.54 -2.11	98.83 6.79 -12.10	91.20 5.37 -21.90	86.94 4.94 -23.15	74.55 4.43 -14.80	67.00 4.38 -7.12	61.23 4.05 -1.74

E179THST_138_KV_TB4_REV_LBMP_J 345001	37.13 2.56 0.00	35.41 2.35 0.00	33.64 1.96 0.00	33.57 1.96 0.00	35.03 2.05 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.27 3.53 0.00	50.62 3.41 -2.32	48.86 3.52 -2.45	66.54 4.62 -7.54	65.14 4.64 -7.80	65.11 4.69 -7.08	65.75 4.76 -6.92	74.77 5.19 -12.49	82.30 5.39 -19.53	75.79 5.48 -14.93	96.69 8.82 -2.20	100.08 7.91 -12.22	93.03 6.33 -22.78	88.75 5.83 -24.08	75.92 5.20 -15.39	67.96 5.05 -7.41	61.97 4.71 -1.82
E179THST_13_KV_LOAD 356214	37.27 2.70 0.00	35.54 2.48 0.00	33.73 2.06 0.00	33.70 2.09 0.00	35.13 2.14 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.46 3.72 0.00	50.80 3.59 -2.32	49.08 3.73 -2.45	66.81 4.89 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	66.02 5.03 -6.92	75.00 5.42 -12.49	82.58 5.68 -19.53	76.06 5.76 -14.93	97.21 9.34 -2.20	100.56 8.39 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.19 5.48 -15.39	68.24 5.33 -7.41	62.20 4.93 -1.82
EAST HAMPTON___GT 23717	37.62 3.04 0.00	35.38 2.31 0.00	33.73 2.06 0.00	33.48 1.86 0.00	35.52 2.54 0.00	38.48 2.88 0.00	48.78 4.27 0.00	52.27 4.54 0.00	51.33 4.13 -2.31	48.56 3.22 -2.44	66.08 4.19 -7.52	64.59 4.11 -7.78	64.56 4.16 -7.06	65.41 4.43 -6.90	74.45 4.91 -12.46	82.78 5.91 -19.49	91.09 7.25 -28.46	110.11 11.48 -12.96	102.90 10.39 -12.58	94.73 8.05 -22.75	90.13 7.24 -24.05	86.32 6.30 -24.69	68.77 5.88 -7.39	62.74 5.49 -1.81
EAST RIVER___6 23660	36.72 2.14 0.00	34.95 1.88 0.00	33.32 1.65 0.00	33.29 1.67 0.00	34.73 1.75 0.00	37.63 2.03 0.00	47.58 3.07 0.00	51.27 3.53 0.00	50.85 3.63 -2.32	48.95 3.60 -2.45	66.53 4.62 -7.54	65.08 4.58 -7.80	65.11 4.70 -7.07	65.64 4.65 -6.92	74.65 5.08 -12.49	82.12 5.22 -19.53	75.78 5.48 -14.92	96.68 8.83 -2.19	99.99 7.84 -12.22	92.79 6.14 -22.73	88.47 5.59 -24.03	75.55 4.87 -15.36	67.49 4.60 -7.39	61.52 4.27 -1.81
EAST RIVER___7 23524	36.72 2.14 0.00	34.95 1.88 0.00	33.32 1.65 0.00	33.29 1.67 0.00	34.73 1.75 0.00	37.63 2.03 0.00	47.58 3.07 0.00	51.27 3.53 0.00	50.85 3.63 -2.32	48.95 3.60 -2.45	66.53 4.62 -7.54	65.08 4.58 -7.80	65.11 4.70 -7.07	65.64 4.65 -6.92	74.65 5.08 -12.49	82.12 5.22 -19.53	75.78 5.48 -14.92	96.68 8.83 -2.19	99.99 7.84 -12.22	92.79 6.14 -22.73	88.47 5.59 -24.03	75.55 4.87 -15.36	67.49 4.60 -7.39	61.52 4.27 -1.81
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.65 2.07 0.00	34.91 1.85 0.00	33.26 1.58 0.00	33.19 1.58 0.00	34.70 1.72 0.00	37.52 1.92 0.00	47.27 2.76 0.00	50.89 3.15 0.00	50.42 3.14 -2.38	48.46 3.05 -2.52	66.15 4.02 -7.76	64.78 4.06 -8.03	64.73 4.11 -7.28	65.35 4.16 -7.12	74.39 4.45 -12.85	82.00 4.70 -19.92	75.03 4.76 -14.89	95.65 7.80 -2.19	99.16 7.03 -12.19	92.21 5.56 -22.72	87.93 5.06 -24.02	75.16 4.48 -15.36	67.27 4.38 -7.39	61.30 4.05 -1.81
EAST_HAMPTON___DIESEL 23722	37.55 2.97 0.00	35.31 2.25 0.00	33.67 2.00 0.00	33.41 1.80 0.00	35.46 2.48 0.00	38.41 2.81 0.00	48.69 4.18 0.00	52.18 4.44 0.00	51.25 4.04 -2.31	48.43 3.09 -2.44	65.92 4.02 -7.52	64.48 4.00 -7.78	64.45 4.05 -7.06	65.30 4.33 -6.90	74.34 4.80 -12.46	82.61 5.74 -19.49	90.93 7.09 -28.46	109.85 11.22 -12.96	102.67 10.15 -12.58	94.54 7.86 -22.75	89.95 7.06 -24.05	86.21 6.19 -24.69	68.61 5.72 -7.39	62.63 5.38 -1.81
EAST_POINT___SOLAR 323840	36.85 2.28 0.00	35.44 2.38 0.00	33.80 2.12 0.00	33.76 2.15 0.00	35.33 2.34 0.00	38.38 2.78 0.00	48.43 3.92 0.00	51.84 4.11 0.00	48.78 3.55 -0.34	45.87 2.62 -0.36	58.03 2.56 -1.10	55.52 1.69 -1.14	56.08 1.71 -1.03	57.45 2.38 -1.01	61.36 2.45 -1.82	70.84 3.90 -9.56	82.19 4.76 -22.05	97.39 8.48 -3.23	139.43 8.31 -51.18	104.16 6.65 -33.59	100.51 6.12 -35.55	83.33 5.31 -22.70	71.42 5.00 -10.92	62.83 4.71 -2.68
EAST_PULASKI___ESR 323781	36.41 -0.59 -2.42	34.74 -0.66 -2.34	33.34 -0.60 -2.26	33.24 -0.63 -2.26	34.26 -0.63 -1.90	35.07 -0.53 0.00	43.75 -0.76 0.00	47.02 -0.71 0.00	44.09 -0.81 0.00	42.17 -0.73 0.00	56.32 -1.52 -3.47	54.13 -1.58 -3.02	54.79 -1.60 -3.05	55.59 -1.57 -3.09	59.09 -1.60 -3.60	59.50 -1.55 -3.67	55.40 -1.17 -1.19	85.61 -1.28 -1.22	78.90 -1.04 0.00	64.83 -0.96 -1.86	59.87 -0.94 -1.97	55.41 -1.16 -1.26	54.94 -1.17 -0.60	54.48 -1.11 -0.15
EAST_RIVER___1 323558	36.75 2.18 0.00	34.98 1.92 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.80 1.81 0.00	37.66 2.06 0.00	47.58 3.07 0.00	51.27 3.53 0.00	50.80 3.59 -2.32	48.90 3.56 -2.45	66.48 4.57 -7.54	65.03 4.53 -7.80	65.05 4.64 -7.07	65.64 4.65 -6.92	74.60 5.02 -12.49	82.07 5.17 -19.53	75.66 5.37 -14.92	96.60 8.74 -2.19	99.91 7.75 -12.22	92.73 6.08 -22.73	88.41 5.53 -24.03	75.55 4.87 -15.36	67.55 4.66 -7.39	61.58 4.33 -1.81
EAST_RIVER___2 323559	36.72 2.14 0.00	34.95 1.88 0.00	33.32 1.65 0.00	33.29 1.67 0.00	34.73 1.75 0.00	37.63 2.03 0.00	47.58 3.07 0.00	51.27 3.53 0.00	50.85 3.63 -2.32	48.95 3.60 -2.45	66.53 4.62 -7.54	65.08 4.58 -7.80	65.11 4.70 -7.07	65.64 4.65 -6.92	74.65 5.08 -12.49	82.12 5.22 -19.53	75.78 5.48 -14.92	96.68 8.83 -2.19	99.99 7.84 -12.22	92.79 6.14 -22.73	88.47 5.59 -24.03	75.55 4.87 -15.36	67.49 4.60 -7.39	61.52 4.27 -1.81
EAST___DELAWARE_HYD 23607	36.75 2.18 0.00	35.05 1.98 0.00	33.41 1.74 0.00	33.35 1.74 0.00	34.93 1.95 0.00	37.77 2.17 0.00	47.76 3.25 0.00	51.32 3.58 0.00	47.37 3.46 0.98	44.86 3.00 1.04	54.98 3.80 3.20	53.17 3.80 3.32	54.28 3.95 3.01	55.19 4.06 2.94	56.35 4.57 5.30	60.70 5.05 1.73	74.21 5.48 -13.35	96.88 9.26 -1.95	100.36 8.47 -11.95	90.86 6.65 -20.29	86.45 6.18 -21.43	74.45 5.42 -13.71	67.48 5.38 -6.60	61.99 4.93 -1.62
EIGHT_POINT___WT_PWR 323820	32.67 -1.90 0.00	31.18 -1.88 0.00	30.06 -1.61 0.00	30.22 -1.39 0.00	31.70 -1.29 0.00	34.57 -1.03 0.00	43.08 -1.43 0.00	45.21 -2.53 0.00	42.24 -2.65 0.00	40.28 -2.62 0.00	49.48 -4.89 0.00	48.32 -4.79 -0.42	48.48 -4.80 0.06	49.42 -4.65 0.00	52.46 -4.62 0.00	53.97 -4.42 -1.01	54.88 -3.55 -3.05	84.56 -3.43 -2.31	79.91 -2.87 -2.84	66.35 -2.24 -4.67	60.21 -2.06 -3.43	56.10 -2.38 -3.15	54.91 -2.11 -1.52	53.99 -1.83 -0.37
ELBRIDGE_115KV_TB2 80188	34.05 -0.52 0.00	32.53 -0.53 0.00	31.23 -0.44 0.00	31.17 -0.44 0.00	32.52 -0.46 0.00	35.28 -0.32 0.00	44.02 -0.49 0.00	47.02 -0.72 0.00	44.22 -0.67 0.00	42.21 -0.69 0.00	53.18 -1.20 0.00	51.48 -1.21 0.00	52.17 -1.17 0.00	52.82 -1.24 0.00	55.83 -1.26 0.00	56.74 -1.20 -0.56	56.19 -0.89 -1.70	85.06 -0.86 -0.25	79.22 -0.72 0.00	65.88 -0.64 -2.59	60.89 -0.71 -2.75	56.19 -0.89 -1.75	55.57 -0.78 -0.84	54.88 -0.78 -0.21
ELEC_TRO_TEK 24086	37.13 2.56 0.00	35.18 2.12 0.00	33.48 1.81 0.00	33.32 1.71 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.89 3.38 0.00	51.41 3.68 0.00	50.71 3.50 -2.31	48.47 3.13 -2.44	66.08 4.19 -7.52	64.75 4.27 -7.78	64.72 4.32 -7.06	65.46 4.49 -6.90	74.40 4.85 -12.46	82.32 5.45 -19.49	89.54 5.70 -28.46	107.88 9.25 -12.96	100.91 8.39 -12.58	93.30 6.58 -22.79	88.94 6.00 -24.09	85.41 5.37 -24.72	68.34 5.44 -7.40	61.97 4.71 -1.81

ELLENBURG_WT_PWR 323604	-6.90 -1.59 39.88	-7.04 -1.55 38.55	-7.11 -1.52 37.26	-7.11 -1.52 37.20	0.14 -1.58 31.26	33.86 -1.74 0.00	42.24 -2.27 0.00	45.64 -2.10 0.00	42.83 -2.06 0.00	40.80 -2.10 0.00	-5.57 -2.83 57.11	0.38 -2.69 49.63	0.37 -2.78 50.20	0.32 -2.81 50.93	-5.34 -3.14 59.29	0.28 -3.16 53.94	52.38 -2.99 0.00	63.64 -4.88 17.15	75.78 -4.16 0.00	61.30 -2.62 0.00	56.78 -2.06 0.00	53.05 -2.27 0.00	53.12 -2.38 0.00	53.39 -2.05 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.46 -2.11 0.00	30.88 -2.18 0.00	29.93 -1.74 0.00	29.87 -1.74 0.00	31.17 -1.81 0.00	34.00 -1.60 0.00	42.33 -2.18 0.00	43.54 -4.20 0.00	41.12 -3.77 0.00	39.21 -3.69 0.00	48.39 -5.98 0.00	46.03 -6.32 0.34	47.09 -6.13 0.12	48.01 -6.06 0.00	50.52 -6.56 0.00	51.56 -6.48 -0.66	51.39 -5.98 -2.00	77.47 -7.97 0.23	74.71 -7.35 -2.12	60.80 -6.20 -3.08	53.09 -5.88 -0.13	51.59 -5.81 -2.08	51.62 -4.88 -1.00	51.70 -3.99 -0.25
EMPIRE_CC_1 323656	35.54 0.97 0.00	34.02 0.96 0.00	32.59 0.92 0.00	32.53 0.92 0.00	33.94 0.96 0.00	36.59 1.00 0.00	45.75 1.24 0.00	49.12 1.39 0.00	46.91 1.39 -0.62	44.88 1.33 -0.65	58.78 2.39 -2.02	57.16 2.37 -2.09	57.64 2.40 -1.89	58.35 2.44 -1.85	63.00 2.57 -3.34	70.18 2.47 -10.34	76.74 2.27 -19.09	91.98 3.51 -2.80	104.87 3.20 -21.74	95.60 2.56 -29.12	92.06 2.36 -30.86	77.26 2.27 -19.67	67.52 2.55 -9.47	60.20 2.44 -2.32
EMPIRE_CC_2 323658	35.54 0.97 0.00	34.02 0.96 0.00	32.59 0.92 0.00	32.53 0.92 0.00	33.94 0.96 0.00	36.59 1.00 0.00	45.75 1.24 0.00	49.12 1.39 0.00	46.91 1.39 -0.62	44.88 1.33 -0.65	58.78 2.39 -2.02	57.16 2.37 -2.09	57.64 2.40 -1.89	58.35 2.44 -1.85	63.00 2.57 -3.34	70.18 2.47 -10.34	76.74 2.27 -19.09	91.98 3.51 -2.80	104.87 3.20 -21.74	95.60 2.56 -29.12	92.06 2.36 -30.86	77.26 2.27 -19.67	67.52 2.55 -9.47	60.20 2.44 -2.32
ENORWICH_115KV_TB1 80156	36.89 2.32 0.00	34.88 1.82 0.00	33.61 1.93 0.00	33.54 1.93 0.00	35.06 2.08 0.00	38.23 2.63 0.00	48.16 3.65 0.00	55.81 8.07 0.00	51.17 6.82 0.55	48.63 6.31 0.58	58.74 6.14 1.78	56.58 5.74 1.86	57.37 5.71 1.68	58.22 5.79 1.63	60.53 6.39 2.94	63.10 6.83 1.10	71.52 9.14 -7.00	95.79 9.08 -1.04	94.75 8.71 -6.10	81.09 6.46 -10.71	75.61 5.71 -11.06	67.04 4.48 -7.24	63.31 4.33 -3.48	60.16 4.05 -0.67
ERIE_ST_34_KV_TB1-2 80199	33.50 -1.07 0.00	31.81 -1.26 0.00	30.85 -0.82 0.00	30.79 -0.82 0.00	32.13 -0.86 0.00	35.07 -0.53 0.00	43.71 -0.80 0.00	45.11 -2.63 0.00	42.65 -2.24 0.00	40.67 -2.23 0.00	50.02 -4.35 0.00	47.59 -4.80 0.31	48.64 -4.59 0.11	49.68 -4.38 0.00	52.23 -4.85 0.00	53.26 -4.82 -0.70	53.12 -4.37 -2.12	80.41 -5.14 0.12	77.35 -4.80 -2.21	62.85 -4.35 -3.27	55.27 -4.12 -0.55	53.11 -4.43 -2.21	52.24 -4.33 -1.07	51.44 -4.27 -0.26
ERIE_WT_PWR 323693	32.98 -1.59 0.00	31.28 -1.79 0.00	30.19 -1.49 0.00	30.13 -1.49 0.00	31.47 -1.52 0.00	34.28 -1.32 0.00	42.73 -1.78 0.00	44.01 -3.72 0.00	41.57 -3.32 0.00	39.64 -3.26 0.00	48.77 -5.60 0.00	46.47 -5.90 0.33	47.41 -5.81 0.11	48.50 -5.57 0.00	51.03 -6.05 0.00	52.04 -6.02 -0.69	51.97 -5.48 -2.08	78.36 -7.11 0.20	75.56 -6.55 -2.17	61.49 -5.63 -3.19	53.97 -5.30 -0.42	52.17 -5.31 -2.16	51.99 -4.55 -1.04	51.82 -3.88 -0.26
ESPRGFLD_115KV_TB1 80157	35.99 1.42 0.00	34.45 1.39 0.00	32.97 1.30 0.00	32.91 1.30 0.00	34.40 1.42 0.00	37.27 1.67 0.00	46.96 2.45 0.00	50.51 2.77 0.00	47.36 2.47 0.00	45.00 2.10 0.00	56.44 2.07 0.00	54.43 1.74 0.01	55.04 1.71 0.01	55.96 1.89 0.00	59.14 2.06 0.00	60.11 2.64 -0.09	58.67 3.32 0.02	91.58 5.91 0.00	123.52 5.68 -37.90	68.30 4.41 0.03	62.66 3.94 0.13	58.56 3.26 0.02	58.54 3.05 0.01	58.21 2.77 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.99 0.41 0.00	33.36 0.30 0.00	32.02 0.35 0.00	31.96 0.35 0.00	33.38 0.40 0.00	36.28 0.68 0.00	45.44 0.93 0.00	48.41 0.67 0.00	45.48 0.58 0.00	43.37 0.47 0.00	54.48 0.11 0.00	52.74 0.05 0.01	53.44 0.11 0.01	54.12 0.05 0.00	57.26 0.17 0.00	58.71 0.29 -1.05	59.21 0.66 -3.17	88.37 2.23 -0.47	85.41 2.16 -3.31	70.29 1.53 -4.83	65.12 1.35 -4.92	59.41 0.83 -3.26	57.85 0.78 -1.57	56.60 0.72 -0.44
ETNA____115KV_TB2 80207	34.99 0.41 0.00	33.36 0.30 0.00	32.02 0.35 0.00	31.96 0.35 0.00	33.38 0.40 0.00	36.28 0.68 0.00	45.44 0.93 0.00	48.41 0.67 0.00	45.48 0.58 0.00	43.37 0.47 0.00	54.48 0.11 0.00	52.74 0.05 0.01	53.44 0.11 0.01	54.12 0.05 0.00	57.26 0.17 0.00	58.71 0.29 -1.05	59.21 0.66 -3.17	88.37 2.23 -0.47	85.41 2.16 -3.31	70.29 1.53 -4.83	65.12 1.35 -4.92	59.41 0.83 -3.26	57.85 0.78 -1.57	56.60 0.72 -0.44
EUCLID____115KV_TB2 356179	33.85 -0.73 0.00	32.34 -0.73 0.00	31.04 -0.63 0.00	30.98 -0.63 0.00	32.33 -0.66 0.00	34.99 -0.61 0.00	43.66 -0.85 0.00	46.69 -1.05 0.00	43.86 -1.03 0.00	41.91 -0.99 0.00	52.85 -1.52 0.00	51.17 -1.53 0.00	51.85 -1.49 0.00	52.55 -1.51 0.00	55.54 -1.54 0.00	56.27 -1.55 -0.45	55.45 -1.27 -1.35	84.33 -1.54 -0.20	78.50 -1.44 0.00	64.76 -1.21 -2.05	59.84 -1.18 -2.18	55.38 -1.33 -1.39	54.95 -1.22 -0.67	54.50 -1.11 -0.17
E_CANADA_CAP_HY 24051	36.23 1.66 0.00	34.81 1.75 0.00	33.23 1.55 0.00	33.16 1.55 0.00	34.70 1.71 0.00	37.63 2.03 0.00	47.49 2.98 0.00	50.89 3.15 0.00	47.96 2.78 -0.28	45.34 2.14 -0.30	57.46 2.18 -0.91	55.43 1.79 -0.94	56.01 1.81 -0.85	56.96 2.05 -0.84	60.82 2.22 -1.51	70.02 3.15 -9.49	82.10 3.82 -22.91	95.88 6.86 -3.36	134.44 6.63 -47.87	104.12 5.30 -34.89	100.58 4.83 -36.91	83.05 4.15 -23.58	70.73 3.88 -11.34	61.82 3.60 -2.78
E_CANADA_MHWK_HY 24050	34.82 0.24 0.00	33.26 0.20 0.00	31.90 0.22 0.00	31.86 0.25 0.00	33.28 0.30 0.00	35.99 0.39 0.00	45.00 0.49 0.00	48.31 0.57 0.00	45.34 0.45 0.00	43.33 0.43 0.00	54.86 0.49 0.00	53.11 0.42 0.00	53.77 0.42 0.00	54.50 0.43 0.00	57.54 0.45 0.00	57.83 0.46 0.00	56.04 0.67 0.00	86.96 1.29 0.00	81.21 1.28 0.00	64.94 1.02 0.00	59.84 1.00 0.00	56.26 0.94 0.00	56.55 1.05 0.00	56.55 1.11 0.00
E_FISHKILL____LBMP 23776	36.51 1.94 0.00	34.82 1.75 0.00	33.19 1.52 0.00	33.13 1.52 0.00	34.63 1.65 0.00	37.38 1.78 0.00	47.09 2.58 0.00	50.65 2.91 0.00	49.51 2.92 -1.69	47.56 2.87 -1.79	63.69 3.81 -5.51	62.24 3.85 -5.70	62.46 3.95 -5.17	63.13 4.00 -5.06	70.44 4.22 -9.13	77.69 4.42 -15.90	74.95 4.37 -15.20	95.01 7.11 -2.23	98.77 6.40 -12.44	92.17 5.05 -23.19	88.01 4.65 -24.52	75.14 4.15 -15.67	67.15 4.11 -7.54	61.06 3.77 -1.85
FALCON____SEABRD_CC1 323796	-6.90 -1.21 40.26	-6.97 -1.12 38.91	-7.07 -1.14 37.61	-7.07 -1.14 37.55	0.21 -1.22 31.55	34.25 -1.35 0.00	42.55 -1.96 0.00	45.97 -1.77 0.00	43.14 -1.75 0.00	41.05 -1.84 0.00	-5.78 -2.50 57.65	0.23 -2.37 50.10	0.17 -2.51 50.67	0.12 -2.54 51.41	-5.61 -2.85 59.84	0.12 -2.81 54.44	52.77 -2.60 0.00	63.90 -4.46 17.31	76.02 -3.92 0.00	61.88 -2.05 0.00	57.31 -1.53 0.00	53.44 -1.88 0.00	53.45 -2.05 0.00	53.78 -1.66 0.00

FALCON___SEABRD_CC2 323797	-6.90 -1.21 40.26	-6.97 -1.12 38.91	-7.07 -1.14 37.61	-7.07 -1.14 37.55	0.21 -1.22 31.55	34.25 -1.35 0.00	42.55 -1.96 0.00	45.97 -1.77 0.00	43.14 -1.75 0.00	41.05 -1.84 0.00	-5.78 -2.50 57.65	0.23 -2.37 50.10	0.17 -2.51 50.67	0.12 -2.54 51.41	-5.61 -2.85 59.84	0.12 -2.81 54.44	52.77 -2.60 0.00	63.90 -4.46 17.31	76.02 -3.92 0.00	61.88 -2.05 0.00	57.31 -1.53 0.00	53.44 -1.88 0.00	53.45 -2.05 0.00	53.78 -1.66 0.00
FAR ROCKAWAY___4 23548	37.62 3.04 0.00	35.61 2.55 0.00	33.89 2.22 0.00	33.70 2.09 0.00	35.52 2.54 0.00	38.45 2.85 0.00	48.56 4.05 0.00	52.13 4.39 0.00	51.38 4.18 -2.31	49.03 3.69 -2.44	66.73 4.84 -7.52	65.38 4.90 -7.78	65.36 4.96 -7.06	66.16 5.19 -6.90	75.14 5.59 -12.46	83.12 6.25 -19.49	90.48 6.65 -28.46	109.34 10.71 -12.96	102.35 9.83 -12.58	94.51 7.80 -22.79	90.00 7.06 -24.09	86.40 6.36 -24.72	69.23 6.33 -7.40	62.74 5.49 -1.81
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.86 2.28 0.00	35.15 2.08 0.00	33.42 1.74 0.00	33.35 1.74 0.00	34.87 1.88 0.00	37.74 2.14 0.00	47.63 3.12 0.00	51.32 3.58 0.00	50.85 3.64 -2.32	48.95 3.60 -2.45	66.42 4.51 -7.54	65.08 4.58 -7.80	65.05 4.64 -7.07	65.64 4.65 -6.92	74.54 4.97 -12.49	82.12 5.22 -19.53	75.72 5.43 -14.92	96.69 8.82 -2.19	99.91 7.75 -12.22	92.83 6.14 -22.77	88.51 5.59 -24.07	75.63 4.92 -15.39	67.62 4.72 -7.40	61.63 4.38 -1.81
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.86 2.28 0.00	35.15 2.08 0.00	33.42 1.74 0.00	33.35 1.74 0.00	34.87 1.88 0.00	37.70 2.10 0.00	47.63 3.12 0.00	51.32 3.58 0.00	50.80 3.59 -2.32	48.91 3.56 -2.45	66.42 4.51 -7.54	65.03 4.53 -7.80	65.00 4.59 -7.07	65.64 4.65 -6.92	74.54 4.97 -12.49	82.07 5.16 -19.53	75.67 5.37 -14.92	96.60 8.74 -2.19	99.91 7.75 -12.22	92.83 6.14 -22.77	88.51 5.59 -24.07	75.63 4.92 -15.39	67.62 4.72 -7.40	61.63 4.38 -1.81
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.96 2.39 0.00	35.21 2.15 0.00	33.48 1.81 0.00	33.44 1.83 0.00	34.93 1.95 0.00	37.81 2.21 0.00	47.76 3.25 0.00	51.51 3.77 0.00	50.98 3.77 -2.32	49.08 3.73 -2.45	66.59 4.68 -7.54	65.24 4.74 -7.80	65.21 4.80 -7.07	65.80 4.81 -6.92	74.77 5.19 -12.49	82.29 5.39 -19.53	75.89 5.59 -14.92	96.94 9.08 -2.19	100.23 8.07 -12.22	93.02 6.33 -22.77	88.68 5.77 -24.07	75.80 5.09 -15.39	67.73 4.83 -7.40	61.80 4.55 -1.81
FARRAGUT___LBMP 323566	36.82 2.25 0.00	35.08 2.02 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.27 3.53 0.00	50.76 3.55 -2.32	48.86 3.52 -2.45	66.32 4.40 -7.54	64.97 4.48 -7.80	64.95 4.53 -7.07	65.53 4.54 -6.92	74.48 4.91 -12.49	82.01 5.11 -19.53	75.61 5.32 -14.92	96.52 8.65 -2.19	99.83 7.67 -12.22	92.70 6.01 -22.77	88.39 5.47 -24.07	75.57 4.87 -15.39	67.51 4.61 -7.40	61.58 4.32 -1.81
FENNER___WINDPWR 24204	36.20 0.55 -1.08	34.53 0.43 -1.04	33.09 0.41 -1.01	33.03 0.41 -1.01	34.29 0.46 -0.85	36.27 0.67 0.00	45.45 0.94 0.00	48.79 1.05 0.00	45.79 0.90 0.00	43.75 0.86 0.00	56.62 0.71 -1.55	54.62 0.58 -1.34	55.29 0.59 -1.36	56.04 0.60 -1.38	59.43 0.74 -1.60	60.19 0.74 -2.07	58.38 1.16 -1.84	88.82 2.40 -0.75	82.17 2.24 0.00	68.48 1.60 -2.96	63.34 1.41 -3.09	58.32 1.00 -2.00	57.40 0.94 -0.96	56.56 0.88 -0.24
FIBERTEK___ENERGY 23856	34.23 -0.35 0.00	32.70 -0.36 0.00	31.36 -0.32 0.00	31.29 -0.32 0.00	32.69 -0.30 0.00	35.42 -0.18 0.00	44.24 -0.27 0.00	47.36 -0.38 0.00	44.49 -0.40 0.00	42.51 -0.39 0.00	53.50 -0.87 0.00	51.80 -0.90 0.00	52.49 -0.85 0.00	53.20 -0.87 0.00	56.23 -0.86 0.00	57.11 -0.80 -0.53	56.43 -0.55 -1.61	85.56 -0.34 -0.24	79.70 -0.24 0.00	66.12 -0.26 -2.45	61.15 -0.29 -2.60	56.43 -0.55 -1.66	55.80 -0.50 -0.80	55.20 -0.44 -0.20
FITZPATRICK____ 23598	33.40 -1.18 0.00	31.94 -1.12 0.00	30.63 -1.04 0.00	30.57 -1.04 0.00	31.90 -1.09 0.00	34.50 -1.10 0.00	42.95 -1.56 0.00	45.92 -1.81 0.00	43.14 -1.75 0.00	41.22 -1.67 0.00	52.04 -2.34 0.00	50.38 -2.32 0.00	51.05 -2.29 0.00	51.74 -2.32 0.00	54.69 -2.40 0.00	55.28 -2.41 -0.31	54.16 -2.16 -0.94	82.81 -3.00 -0.14	77.14 -2.80 0.00	63.09 -2.30 -1.46	58.26 -2.18 -1.59	54.15 -2.16 -0.99	53.92 -2.05 -0.47	53.56 -1.99 -0.12
FLOWRFLD_69_KV_BK1 356044	37.89 3.32 0.00	35.74 2.68 0.00	33.99 2.31 0.00	33.79 2.18 0.00	35.76 2.77 0.00	38.70 3.10 0.00	48.92 4.41 0.00	52.56 4.82 0.00	51.61 4.40 -2.31	49.03 3.69 -2.44	66.84 4.95 -7.52	65.48 5.01 -7.78	65.47 5.07 -7.06	66.27 5.30 -6.90	75.25 5.71 -12.46	83.58 6.71 -19.49	91.26 7.42 -28.46	110.45 11.82 -12.96	103.31 10.79 -12.58	95.34 8.63 -22.79	90.76 7.83 -24.09	87.07 7.03 -24.72	69.79 6.88 -7.40	63.19 5.93 -1.81
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.75 2.18 0.00	35.11 2.05 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.90 1.91 0.00	37.70 2.10 0.00	47.63 3.12 0.00	51.17 3.44 0.00	48.61 3.37 -0.35	46.35 3.09 -0.37	59.53 4.02 -1.13	57.92 4.06 -1.17	58.56 4.16 -1.06	59.38 4.27 -1.04	63.58 4.62 -1.87	69.72 5.11 -7.24	75.54 5.26 -14.91	96.51 8.65 -2.19	100.44 7.99 -12.51	92.94 6.26 -22.75	88.66 5.77 -24.05	75.84 5.14 -15.37	67.89 5.00 -7.40	61.91 4.66 -1.81
FORT ORANGE____ 23900	35.30 0.73 0.00	33.86 0.79 0.00	32.37 0.70 0.00	32.31 0.69 0.00	33.74 0.76 0.00	36.38 0.78 0.00	45.66 1.16 0.00	48.98 1.24 0.00	46.28 0.90 -0.49	44.27 0.86 -0.52	57.92 1.95 -1.59	56.24 1.89 -1.65	56.81 1.97 -1.49	57.53 2.00 -1.46	61.72 2.00 -2.64	68.81 1.78 -9.65	76.58 1.72 -19.49	91.35 2.82 -2.86	114.91 2.56 -32.42	95.74 2.11 -29.71	92.27 1.94 -31.49	77.17 1.77 -20.08	67.05 1.89 -9.66	59.75 1.94 -2.37
FORT_DRUM_COGEN 23780	41.44 -0.45 -7.32	39.37 -0.76 -7.07	37.85 -0.67 -6.84	37.74 -0.70 -6.83	38.03 -0.69 -5.74	34.92 -0.68 0.00	43.84 -0.67 0.00	47.69 -0.05 0.00	44.49 -0.40 0.00	42.60 -0.30 0.00	63.77 -1.09 -10.48	60.54 -1.26 -9.11	61.16 -1.39 -9.21	62.17 -1.24 -9.34	66.76 -1.20 -10.88	66.36 -1.20 -10.18	55.91 -0.33 -0.87	89.72 0.77 -3.28	81.06 1.12 0.00	65.76 0.51 -1.33	60.60 0.35 -1.40	55.72 -0.50 -0.90	55.38 -0.56 -0.43	55.05 -0.50 -0.11
FOX_HILLS___ESR 323835	37.20 2.63 0.00	35.48 2.41 0.00	33.64 1.96 0.00	33.57 1.96 0.00	35.10 2.11 0.00	37.91 2.31 0.00	47.80 3.29 0.00	51.46 3.72 0.00	50.80 3.59 -2.32	48.99 3.65 -2.45	66.59 4.68 -7.54	65.24 4.74 -7.80	65.22 4.80 -7.08	65.80 4.81 -6.92	74.65 5.08 -12.49	82.24 5.34 -19.53	75.90 5.59 -14.93	97.04 9.17 -2.20	100.40 8.23 -12.22	93.22 6.52 -22.78	88.87 5.94 -24.08	75.97 5.26 -15.39	67.96 5.05 -7.41	62.03 4.77 -1.82
FPL FAR_ROCK_GT1 24212	37.58 3.01 0.00	35.51 2.45 0.00	33.89 2.22 0.00	33.70 2.09 0.00	35.52 2.54 0.00	38.45 2.85 0.00	48.56 4.05 0.00	51.98 4.25 0.00	51.33 4.13 -2.31	49.03 3.69 -2.44	66.84 4.95 -7.52	65.38 4.90 -7.78	65.36 4.96 -7.06	66.16 5.19 -6.90	75.31 5.76 -12.46	83.13 6.25 -19.49	90.48 6.64 -28.46	109.33 10.71 -12.96	102.26 9.75 -12.58	94.47 7.80 -22.75	89.95 7.06 -24.05	86.37 6.36 -24.69	69.22 6.32 -7.39	62.74 5.49 -1.81

FPL FAR_ROCK_GT2 23815	37.58 3.01 0.00	35.51 2.45 0.00	33.89 2.22 0.00	33.70 2.09 0.00	35.52 2.54 0.00	38.45 2.85 0.00	48.56 4.05 0.00	51.98 4.25 0.00	51.33 4.13 -2.31	49.03 3.69 -2.44	66.84 4.95 -7.52	65.38 4.90 -7.78	65.36 4.96 -7.06	66.16 5.19 -6.90	75.31 5.76 -12.46	83.13 6.25 -19.49	90.48 6.64 -28.46	109.33 10.71 -12.96	102.26 9.75 -12.58	94.47 7.80 -22.75	89.95 7.06 -24.05	86.37 6.36 -24.69	69.22 6.32 -7.39	62.74 5.49 -1.81
FRANKLIN_FALL_HYD 24054	82.26 -1.07 -48.76	79.13 -1.06 -47.13	76.12 -1.11 -45.55	75.95 -1.14 -45.48	70.01 -1.19 -38.22	34.03 -1.57 0.00	42.64 -1.87 0.00	46.31 -1.43 0.00	43.23 -1.66 0.00	41.22 -1.67 0.00	121.75 -2.45 -69.82	111.00 -2.37 -60.68	112.20 -2.51 -61.37	113.79 -2.54 -62.27	126.77 -2.80 -72.48	120.51 -2.81 -65.94	52.94 -2.44 0.00	103.21 -3.43 -20.97	77.30 -2.64 0.00	62.20 -1.73 0.00	57.55 -1.29 0.00	53.38 -1.94 0.00	53.72 -1.78 0.00	54.22 -1.22 0.00
FREEPORT_EQUS_GT1 23764	37.37 2.80 0.00	35.31 2.25 0.00	33.67 2.00 0.00	33.51 1.90 0.00	35.33 2.34 0.00	38.23 2.63 0.00	48.20 3.69 0.00	51.65 3.92 0.00	50.98 3.77 -2.31	48.69 3.35 -2.44	66.40 4.51 -7.52	64.95 4.48 -7.78	64.93 4.53 -7.06	65.73 4.76 -6.90	74.85 5.31 -12.46	82.50 5.63 -19.49	89.87 6.04 -28.46	108.39 9.76 -12.96	101.31 8.79 -12.58	93.71 7.03 -22.75	89.25 6.36 -24.05	85.71 5.70 -24.69	68.77 5.88 -7.39	62.35 5.10 -1.81
FREEPORT___CT2 23818	37.37 2.80 0.00	35.31 2.25 0.00	33.67 2.00 0.00	33.51 1.90 0.00	35.33 2.34 0.00	38.23 2.63 0.00	48.20 3.69 0.00	51.65 3.92 0.00	50.98 3.77 -2.31	48.69 3.35 -2.44	66.40 4.51 -7.52	64.95 4.48 -7.78	64.93 4.53 -7.06	65.73 4.76 -6.90	74.85 5.31 -12.46	82.50 5.63 -19.49	89.87 6.04 -28.46	108.39 9.76 -12.96	101.31 8.79 -12.58	93.71 7.03 -22.75	89.25 6.36 -24.05	85.71 5.70 -24.69	68.77 5.88 -7.39	62.35 5.10 -1.81
FRESHKLS_33_KV_LOAD 356253	37.24 2.66 0.00	35.51 2.45 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.91 2.31 0.00	47.80 3.29 0.00	51.46 3.72 0.00	50.76 3.55 -2.32	48.95 3.60 -2.45	66.48 4.57 -7.54	65.14 4.64 -7.80	65.11 4.69 -7.08	65.69 4.70 -6.92	74.54 4.97 -12.49	82.18 5.28 -19.53	75.84 5.54 -14.93	97.04 9.17 -2.20	100.40 8.23 -12.22	93.22 6.52 -22.78	88.87 5.94 -24.08	75.97 5.26 -15.39	68.02 5.11 -7.41	62.03 4.77 -1.82
FULTON COGEN____ 23766	33.74 -0.83 0.00	32.24 -0.83 0.00	30.95 -0.73 0.00	30.88 -0.73 0.00	32.23 -0.76 0.00	34.92 -0.68 0.00	43.57 -0.93 0.00	46.64 -1.10 0.00	43.82 -1.08 0.00	41.87 -1.03 0.00	52.63 -1.74 0.00	51.01 -1.69 0.00	51.63 -1.71 0.00	52.34 -1.73 0.00	55.32 -1.77 0.00	56.08 -1.72 -0.43	55.23 -1.44 -1.29	84.15 -1.71 -0.19	78.34 -1.60 0.00	64.55 -1.34 -1.97	59.64 -1.29 -2.09	55.21 -1.44 -1.33	54.75 -1.39 -0.64	54.21 -1.39 -0.16
FULTON___LFGE 323630	36.61 2.04 0.00	35.21 2.15 0.00	33.57 1.90 0.00	33.54 1.93 0.00	35.10 2.11 0.00	38.02 2.42 0.00	47.94 3.43 0.00	51.32 3.58 0.00	48.48 3.23 -0.35	45.89 2.62 -0.37	58.35 2.83 -1.15	56.36 2.48 -1.18	56.98 2.56 -1.07	57.88 2.76 -1.05	61.95 2.97 -1.90	70.74 3.79 -9.58	81.53 4.32 -21.83	96.41 7.54 -3.20	139.30 7.35 -52.01	103.07 5.88 -33.27	99.46 5.41 -35.20	82.56 4.76 -22.48	70.81 4.49 -10.81	62.36 4.27 -2.65
G.F.CEMENT___DRP 24184	37.17 2.59 0.00	35.81 2.74 0.00	34.08 2.41 0.00	34.05 2.43 0.00	35.62 2.64 0.00	38.59 2.99 0.00	48.52 4.01 0.00	51.99 4.25 0.00	49.43 4.04 -0.49	47.06 3.65 -0.52	60.59 4.62 -1.60	58.78 4.43 -1.66	59.22 4.37 -1.50	59.97 4.43 -1.47	64.47 4.74 -2.65	72.36 5.11 -9.88	80.69 5.21 -20.11	97.36 8.74 -2.95	139.70 8.39 -51.37	101.27 6.65 -30.69	97.43 6.06 -32.53	81.48 5.42 -20.74	70.75 5.27 -9.98	62.98 5.10 -2.44
GARDENVILLE___LBMP 24039	32.60 -1.97 0.00	30.98 -2.08 0.00	30.06 -1.62 0.00	30.00 -1.61 0.00	31.30 -1.68 0.00	34.14 -1.46 0.00	42.51 -2.00 0.00	43.78 -3.96 0.00	41.35 -3.55 0.00	39.42 -3.47 0.00	48.61 -5.76 0.00	46.28 -6.06 0.35	47.30 -5.92 0.12	48.22 -5.84 0.00	50.75 -6.34 0.00	51.81 -6.25 -0.69	51.74 -5.70 -2.07	77.93 -7.45 0.28	75.23 -6.87 -2.17	61.23 -5.88 -3.18	53.67 -5.53 -0.36	51.94 -5.53 -2.15	51.82 -4.72 -1.04	51.76 -3.94 -0.26
GARDNVLA_35_KV_LD 355827	32.81 -1.76 0.00	31.18 -1.88 0.00	30.25 -1.43 0.00	30.19 -1.42 0.00	31.50 -1.48 0.00	34.35 -1.25 0.00	42.82 -1.69 0.00	44.11 -3.63 0.00	41.66 -3.23 0.00	39.72 -3.17 0.00	48.99 -5.38 0.00	46.63 -5.74 0.32	47.63 -5.60 0.11	48.60 -5.46 0.00	51.15 -5.94 0.00	52.22 -5.85 -0.69	52.09 -5.37 -2.09	78.57 -6.94 0.16	75.72 -6.40 -2.18	61.71 -5.43 -3.22	54.13 -5.18 -0.46	52.30 -5.20 -2.17	52.11 -4.44 -1.05	51.93 -3.77 -0.26
GELCKHM___115KV_LOAD 80723	33.99 -0.59 0.00	32.47 -0.60 0.00	31.14 -0.54 0.00	31.07 -0.54 0.00	32.46 -0.53 0.00	35.17 -0.43 0.00	43.89 -0.62 0.00	46.93 -0.81 0.00	44.09 -0.81 0.00	42.13 -0.77 0.00	53.12 -1.25 0.00	51.43 -1.26 0.00	52.06 -1.28 0.00	52.77 -1.30 0.00	55.77 -1.31 0.00	56.59 -1.26 -0.48	55.82 -1.00 -1.44	84.77 -1.11 -0.21	78.98 -0.96 0.00	65.23 -0.89 -2.20	60.29 -0.88 -2.33	55.76 -1.05 -1.49	55.27 -0.94 -0.71	54.73 -0.89 -0.18
GENERAL___MILLS 23808	32.78 -1.80 0.00	31.15 -1.92 0.00	30.19 -1.49 0.00	30.13 -1.49 0.00	31.43 -1.55 0.00	34.28 -1.32 0.00	42.73 -1.78 0.00	44.01 -3.72 0.00	41.57 -3.32 0.00	39.64 -3.26 0.00	48.88 -5.49 0.00	46.52 -5.85 0.33	47.52 -5.71 0.11	48.50 -5.57 0.00	51.03 -6.05 0.00	52.10 -5.97 -0.69	51.97 -5.48 -2.08	78.37 -7.11 0.19	75.56 -6.55 -2.17	61.57 -5.56 -3.21	53.98 -5.30 -0.43	52.18 -5.31 -2.17	52.00 -4.55 -1.05	51.82 -3.88 -0.26
GE_PLASTICS___DRP 24183	35.26 0.69 0.00	33.79 0.73 0.00	32.31 0.63 0.00	32.27 0.66 0.00	33.68 0.69 0.00	36.31 0.71 0.00	45.49 0.98 0.00	48.79 1.05 0.00	46.42 1.03 -0.49	44.45 1.03 -0.52	57.93 1.96 -1.60	56.25 1.90 -1.66	56.82 1.97 -1.50	57.53 2.00 -1.47	61.79 2.06 -2.65	69.00 1.95 -9.67	76.70 1.83 -19.50	91.53 3.00 -2.86	111.25 2.72 -28.59	95.86 2.17 -29.76	92.38 2.00 -31.54	77.31 1.88 -20.11	67.17 2.00 -9.67	59.75 1.94 -2.37
GILBOA___1 23756	35.47 0.90 0.00	33.99 0.92 0.00	32.66 0.98 0.00	32.59 0.98 0.00	34.04 1.06 0.00	36.49 0.89 0.00	45.80 1.29 0.00	49.12 1.39 0.00	46.53 1.35 -0.30	44.54 1.33 -0.31	57.18 1.85 -0.96	55.53 1.84 -0.99	56.11 1.87 -0.90	56.84 1.89 -0.88	60.73 2.05 -1.59	66.47 2.06 -7.03	72.76 2.05 -15.34	91.00 3.08 -2.25	93.71 2.80 -10.98	89.66 2.37 -23.37	85.73 2.18 -24.70	73.16 2.05 -15.79	65.21 2.11 -7.60	59.30 1.99 -1.86
GILBOA___2 23757	35.47 0.90 0.00	33.99 0.92 0.00	32.66 0.98 0.00	32.59 0.98 0.00	34.04 1.06 0.00	36.49 0.89 0.00	45.80 1.29 0.00	49.12 1.39 0.00	46.53 1.35 -0.30	44.54 1.33 -0.31	57.18 1.85 -0.96	55.53 1.84 -0.99	56.11 1.87 -0.90	56.84 1.89 -0.88	60.73 2.05 -1.59	66.47 2.06 -7.03	72.76 2.05 -15.34	91.00 3.08 -2.25	93.71 2.80 -10.98	89.66 2.37 -23.37	85.73 2.18 -24.70	73.16 2.05 -15.79	65.21 2.11 -7.60	59.30 1.99 -1.86

GILBOA___3 23758	35.47 0.90 0.00	33.99 0.92 0.00	32.66 0.98 0.00	32.59 0.98 0.00	34.04 1.06 0.00	36.49 0.89 0.00	45.80 1.29 0.00	49.12 1.39 0.00	46.53 1.35 -0.30	44.54 1.33 -0.31	57.18 1.85 -0.96	55.53 1.84 -0.99	56.11 1.87 -0.90	56.84 1.89 -0.88	60.73 2.05 -1.59	66.47 2.06 -7.03	72.76 2.05 -15.34	91.00 3.08 -2.25	93.71 2.80 -10.98	89.66 2.37 -23.37	85.73 2.18 -24.70	73.16 2.05 -15.79	65.21 2.11 -7.60	59.30 1.99 -1.86
GILBOA___4 23759	35.47 0.90 0.00	33.99 0.92 0.00	32.66 0.98 0.00	32.59 0.98 0.00	34.04 1.06 0.00	36.49 0.89 0.00	45.80 1.29 0.00	49.12 1.39 0.00	46.53 1.35 -0.30	44.54 1.33 -0.31	57.18 1.85 -0.96	55.53 1.84 -0.99	56.11 1.87 -0.90	56.84 1.89 -0.88	60.73 2.05 -1.59	66.47 2.06 -7.03	72.76 2.05 -15.34	91.00 3.08 -2.25	93.71 2.80 -10.98	89.66 2.37 -23.37	85.73 2.18 -24.70	73.16 2.05 -15.79	65.21 2.11 -7.60	59.30 1.99 -1.86
GILBOA___ 23599	35.47 0.90 0.00	34.02 0.96 0.00	32.66 0.98 0.00	32.59 0.98 0.00	34.04 1.06 0.00	36.49 0.89 0.00	45.80 1.29 0.00	49.12 1.38 0.00	46.54 1.35 -0.30	44.54 1.33 -0.31	57.18 1.85 -0.96	55.48 1.79 -0.99	56.11 1.87 -0.90	56.84 1.89 -0.88	60.67 2.00 -1.59	66.47 2.07 -7.03	72.76 2.05 -15.34	91.01 3.08 -2.25	93.71 2.80 -10.98	89.69 2.37 -23.40	85.76 2.18 -24.74	73.18 2.05 -15.81	65.22 2.11 -7.61	59.30 2.00 -1.86
GINNA___ 23603	31.81 -2.77 0.00	30.42 -2.65 0.00	29.17 -2.50 0.00	29.11 -2.50 0.00	30.34 -2.64 0.00	32.97 -2.63 0.00	41.17 -3.34 0.00	43.73 -4.01 0.00	40.94 -3.95 0.00	39.21 -3.69 0.00	48.83 -5.55 0.00	47.08 -5.64 -0.02	47.86 -5.49 -0.01	48.44 -5.62 0.00	51.26 -5.82 0.00	52.27 -5.74 -0.63	52.13 -5.15 -1.90	78.84 -7.11 -0.27	73.38 -6.55 0.00	61.49 -5.37 -2.94	57.16 -5.12 -3.44	52.10 -5.20 -1.98	51.85 -4.61 -0.95	51.68 -3.99 -0.23
GLEN PARK___ 23778	41.27 -0.24 -6.94	39.18 -0.59 -6.71	37.65 -0.51 -6.48	37.55 -0.54 -6.47	37.90 -0.53 -5.44	35.14 -0.46 0.00	44.11 -0.40 0.00	48.03 0.29 0.00	44.71 -0.18 0.00	42.81 -0.09 0.00	63.44 -0.87 -9.94	60.22 -1.11 -8.64	60.90 -1.17 -8.74	61.90 -1.03 -8.86	66.43 -0.97 -10.32	66.09 -0.98 -9.68	56.32 0.06 -0.89	90.33 1.54 -3.12	81.78 1.84 0.00	66.34 1.02 -1.40	61.09 0.76 -1.48	56.10 -0.17 -0.94	55.73 -0.22 -0.45	55.33 -0.22 -0.11
GLENDALE_27_KV_LOAD 356172	37.10 2.52 0.00	35.38 2.31 0.00	33.61 1.93 0.00	33.54 1.93 0.00	35.03 2.05 0.00	37.91 2.31 0.00	47.80 3.29 0.00	51.51 3.77 0.00	50.94 3.73 -2.32	49.12 3.77 -2.45	66.86 4.95 -7.54	65.45 4.95 -7.80	65.43 5.01 -7.08	66.07 5.08 -6.92	75.00 5.42 -12.49	82.58 5.68 -19.53	76.17 5.87 -14.93	97.38 9.51 -2.20	100.64 8.47 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.14 5.42 -15.39	68.07 5.16 -7.41	62.08 4.82 -1.82
GLENWOOD_IC_1_G5 23712	37.10 2.52 0.00	35.21 2.15 0.00	33.54 1.87 0.00	33.41 1.80 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.89 3.38 0.00	51.46 3.72 0.00	50.84 3.64 -2.31	48.69 3.35 -2.44	66.35 4.46 -7.52	65.01 4.53 -7.78	64.98 4.59 -7.06	65.67 4.70 -6.90	74.62 5.08 -12.46	82.38 5.51 -19.49	89.60 5.76 -28.46	107.97 9.34 -12.96	100.99 8.47 -12.58	93.36 6.65 -22.79	89.00 6.06 -24.09	85.46 5.42 -24.72	68.23 5.33 -7.40	61.97 4.71 -1.81
GLENWOOD_IC_2_G1 23688	36.85 2.28 0.00	35.01 1.95 0.00	33.41 1.74 0.00	33.32 1.71 0.00	34.93 1.95 0.00	37.77 2.17 0.00	47.62 3.11 0.00	51.18 3.44 0.00	50.62 3.41 -2.31	48.56 3.22 -2.44	66.25 4.35 -7.52	64.80 4.32 -7.78	64.82 4.42 -7.06	65.46 4.49 -6.90	74.51 4.96 -12.46	82.09 5.22 -19.49	89.21 5.37 -28.46	107.37 8.74 -12.96	100.35 7.84 -12.58	92.87 6.20 -22.75	88.55 5.65 -24.05	85.05 5.03 -24.69	67.83 4.94 -7.39	61.69 4.44 -1.81
GLENWOOD_IC_3_G1 23689	36.85 2.28 0.00	35.01 1.95 0.00	33.41 1.74 0.00	33.32 1.71 0.00	34.93 1.95 0.00	37.77 2.17 0.00	47.62 3.11 0.00	51.18 3.44 0.00	50.62 3.41 -2.31	48.56 3.22 -2.44	66.25 4.35 -7.52	64.80 4.32 -7.78	64.82 4.42 -7.06	65.46 4.49 -6.90	74.51 4.96 -12.46	82.09 5.22 -19.49	89.21 5.37 -28.46	107.37 8.74 -12.96	100.35 7.84 -12.58	92.87 6.20 -22.75	88.55 5.65 -24.05	85.05 5.03 -24.69	67.83 4.94 -7.39	61.69 4.44 -1.81
GLENWOOD___4 23550	37.10 2.52 0.00	35.21 2.15 0.00	33.54 1.87 0.00	33.41 1.80 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.89 3.38 0.00	51.46 3.72 0.00	50.84 3.64 -2.31	48.69 3.35 -2.44	66.35 4.46 -7.52	65.01 4.53 -7.78	64.98 4.59 -7.06	65.67 4.70 -6.90	74.62 5.08 -12.46	82.38 5.51 -19.49	89.60 5.76 -28.46	107.97 9.34 -12.96	100.99 8.47 -12.58	93.36 6.65 -22.79	89.00 6.06 -24.09	85.46 5.42 -24.72	68.23 5.33 -7.40	61.97 4.71 -1.81
GLENWOOD___5 23614	37.10 2.52 0.00	35.21 2.15 0.00	33.54 1.87 0.00	33.41 1.80 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.89 3.38 0.00	51.46 3.72 0.00	50.84 3.64 -2.31	48.69 3.35 -2.44	66.35 4.46 -7.52	65.01 4.53 -7.78	64.98 4.59 -7.06	65.67 4.70 -6.90	74.62 5.08 -12.46	82.38 5.51 -19.49	89.60 5.76 -28.46	107.97 9.34 -12.96	100.99 8.47 -12.58	93.36 6.65 -22.79	89.00 6.06 -24.09	85.46 5.42 -24.72	68.23 5.33 -7.40	61.97 4.71 -1.81
GLOBAL GREEN_PORT_GT1 23814	37.89 3.32 0.00	35.64 2.58 0.00	34.02 2.34 0.00	33.76 2.15 0.00	35.82 2.84 0.00	38.77 3.17 0.00	49.14 4.63 0.00	52.70 4.96 0.00	51.69 4.49 -2.31	48.90 3.56 -2.44	66.57 4.68 -7.52	65.06 4.58 -7.78	65.09 4.70 -7.06	65.94 4.97 -6.90	74.97 5.43 -12.46	83.30 6.42 -19.49	91.59 7.75 -28.46	111.04 12.42 -12.96	103.79 11.27 -12.58	95.43 8.76 -22.75	90.78 7.89 -24.05	86.93 6.91 -24.69	69.38 6.49 -7.39	63.19 5.93 -1.81
GLOBE___DSASP 323697	31.50 -3.08 0.00	29.99 -3.07 0.00	29.08 -2.60 0.00	29.02 -2.59 0.00	30.25 -2.74 0.00	32.97 -2.63 0.00	40.95 -3.56 0.00	41.91 -5.82 0.00	39.55 -5.34 0.00	37.79 -5.10 0.00	46.60 -7.78 0.00	44.48 -7.90 0.31	45.42 -7.79 0.13	46.22 -7.84 0.00	48.69 -8.39 0.00	49.61 -8.38 -0.61	49.39 -7.81 -1.82	74.36 -11.22 0.09	71.62 -10.31 -2.00	58.17 -8.57 -2.82	50.43 -8.06 0.35	49.54 -7.69 -1.90	50.09 -6.33 -0.92	50.74 -4.93 -0.23
GOETHSLN___LBMP 323567	36.68 2.11 0.00	34.95 1.88 0.00	33.23 1.55 0.00	33.19 1.58 0.00	34.67 1.68 0.00	37.52 1.92 0.00	47.36 2.85 0.00	51.08 3.34 0.00	50.58 3.37 -2.32	48.73 3.39 -2.45	65.99 4.08 -7.54	64.66 4.16 -7.80	64.63 4.21 -7.07	65.20 4.22 -6.92	74.08 4.51 -12.49	81.66 4.76 -19.53	75.22 4.93 -14.92	95.92 8.05 -2.19	99.27 7.11 -12.22	92.25 5.56 -22.77	88.04 5.12 -24.07	75.19 4.48 -15.39	67.12 4.22 -7.40	61.13 3.88 -1.81
GOLAH___69_KV_TB 1_2 80279	33.19 -1.38 0.00	31.64 -1.42 0.00	30.60 -1.08 0.00	30.50 -1.11 0.00	31.73 -1.25 0.00	34.60 -1.00 0.00	43.09 -1.42 0.00	45.26 -2.48 0.00	42.47 -2.42 0.00	40.58 -2.32 0.00	50.35 -4.02 0.00	48.33 -4.37 -0.01	49.19 -4.16 0.00	49.80 -4.27 0.00	52.63 -4.45 0.00	53.67 -4.36 -0.65	53.45 -3.88 -1.96	80.99 -4.97 -0.28	75.46 -4.48 0.00	63.25 -3.64 -2.97	58.40 -3.65 -3.21	53.46 -3.87 -2.01	53.41 -3.05 -0.97	53.63 -2.05 -0.24

GOODYEAR_LAKE_HYD 323669	35.85 1.28 0.00	34.22 1.16 0.00	32.81 1.14 0.00	32.75 1.14 0.00	34.24 1.25 0.00	36.99 1.39 0.00	46.51 2.00 0.00	50.03 2.29 0.00	46.78 2.11 0.22	44.64 1.97 0.23	55.72 2.07 0.72	53.83 1.90 0.76	54.52 1.87 0.69	55.35 1.95 0.66	58.00 2.11 1.20	60.06 2.35 -0.33	63.35 2.82 -5.15	91.40 4.97 -0.76	103.59 4.64 -19.02	75.37 3.58 -7.86	70.15 3.18 -8.13	63.29 2.66 -5.31	60.61 2.55 -2.56	58.43 2.38 -0.61
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.64 0.07 0.00	33.10 0.03 0.00	31.77 0.10 0.00	31.71 0.09 0.00	33.12 0.13 0.00	35.88 0.28 0.00	44.91 0.40 0.00	47.83 0.10 0.00	44.76 0.13 0.26	42.75 0.13 0.28	53.08 -0.43 0.86	51.27 -0.53 0.90	51.98 -0.53 0.83	52.79 -0.49 0.79	55.21 -0.46 1.42	57.16 -0.29 -0.07	60.53 0.00 -5.15	87.11 0.60 -0.84	85.18 0.48 -4.76	72.12 0.32 -7.87	66.77 0.18 -7.75	60.59 -0.06 -5.32	58.00 -0.06 -2.56	55.95 -0.11 -0.62
GOUDEY___7 23579	34.64 0.07 0.00	33.10 0.03 0.00	31.77 0.10 0.00	31.71 0.09 0.00	33.12 0.13 0.00	35.88 0.28 0.00	44.91 0.40 0.00	47.83 0.10 0.00	44.76 0.13 0.26	42.75 0.13 0.28	53.08 -0.43 0.86	51.27 -0.53 0.90	51.98 -0.53 0.83	52.79 -0.49 0.79	55.21 -0.46 1.42	57.16 -0.29 -0.07	60.53 0.00 -5.15	87.11 0.60 -0.84	85.18 0.48 -4.76	72.12 0.32 -7.87	66.77 0.18 -7.75	60.59 -0.06 -5.32	58.00 -0.06 -2.56	55.95 -0.11 -0.62
GOUDEY___8 23580	34.64 0.07 0.00	33.10 0.03 0.00	31.77 0.10 0.00	31.71 0.09 0.00	33.12 0.13 0.00	35.88 0.28 0.00	44.91 0.40 0.00	47.83 0.10 0.00	44.76 0.13 0.26	42.75 0.13 0.28	53.08 -0.43 0.86	51.27 -0.53 0.90	51.98 -0.53 0.83	52.79 -0.49 0.79	55.21 -0.46 1.42	57.16 -0.29 -0.07	60.53 0.00 -5.15	87.11 0.60 -0.84	85.18 0.48 -4.76	72.12 0.32 -7.87	66.77 0.18 -7.75	60.59 -0.06 -5.32	58.00 -0.06 -2.56	55.95 -0.11 -0.62
GOWANUS_GT1_1 24077	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.56 3.82 0.00	50.94 3.73 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.97 4.97 -6.92	74.83 5.25 -12.49	82.47 5.57 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.64 8.47 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.08 5.37 -15.39	68.07 5.16 -7.41	62.14 4.88 -1.82
GOWANUS_GT1_2 24078	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.56 3.82 0.00	50.94 3.73 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.97 4.97 -6.92	74.83 5.25 -12.49	82.47 5.57 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.64 8.47 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.08 5.37 -15.39	68.07 5.16 -7.41	62.14 4.88 -1.82
GOWANUS_GT1_3 24079	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.56 3.82 0.00	50.94 3.73 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.97 4.97 -6.92	74.83 5.25 -12.49	82.47 5.57 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.64 8.47 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.08 5.37 -15.39	68.07 5.16 -7.41	62.14 4.88 -1.82
GOWANUS_GT1_4 24080	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.56 3.82 0.00	50.94 3.73 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.97 4.97 -6.92	74.83 5.25 -12.49	82.47 5.57 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.64 8.47 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.08 5.37 -15.39	68.07 5.16 -7.41	62.14 4.88 -1.82
GOWANUS_GT1_5 24084	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.56 3.82 0.00	50.94 3.73 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.97 4.97 -6.92	74.83 5.25 -12.49	82.47 5.57 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.64 8.47 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.08 5.37 -15.39	68.07 5.16 -7.41	62.14 4.88 -1.82
GOWANUS_GT1_6 24111	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.56 3.82 0.00	50.94 3.73 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.97 4.97 -6.92	74.83 5.25 -12.49	82.47 5.57 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.64 8.47 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.08 5.37 -15.39	68.07 5.16 -7.41	62.14 4.88 -1.82
GOWANUS_GT1_7 24112	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.56 3.82 0.00	50.94 3.73 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.97 4.97 -6.92	74.83 5.25 -12.49	82.47 5.57 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.64 8.47 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.08 5.37 -15.39	68.07 5.16 -7.41	62.14 4.88 -1.82
GOWANUS_GT1_8 24113	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.56 3.82 0.00	50.94 3.73 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.97 4.97 -6.92	74.83 5.25 -12.49	82.47 5.57 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.64 8.47 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.08 5.37 -15.39	68.07 5.16 -7.41	62.14 4.88 -1.82
GOWANUS_GT2_1 24114	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.06 2.08 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.46 3.73 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	64.76 4.84 -7.22	64.80 4.96 -6.50	65.39 4.97 -6.35	74.38 5.31 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.82 9.34 3.19	95.14 8.39 -6.81	87.88 6.65 -17.30	83.42 6.06 -18.51	73.65 5.36 -12.97	65.72 5.16 -5.06	62.14 4.88 -1.82
GOWANUS_GT2_2 24115	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.06 2.08 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.46 3.73 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	64.76 4.84 -7.22	64.80 4.96 -6.50	65.39 4.97 -6.35	74.38 5.31 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.82 9.34 3.19	95.14 8.39 -6.81	87.88 6.65 -17.30	83.42 6.06 -18.51	73.65 5.36 -12.97	65.72 5.16 -5.06	62.14 4.88 -1.82
GOWANUS_GT2_3 24116	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.06 2.08 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.46 3.73 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	64.76 4.84 -7.22	64.80 4.96 -6.50	65.39 4.97 -6.35	74.38 5.31 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.82 9.34 3.19	95.14 8.39 -6.81	87.88 6.65 -17.30	83.42 6.06 -18.51	73.65 5.36 -12.97	65.72 5.16 -5.06	62.14 4.88 -1.82

GOWANUS_GT2_4 24117	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.06 2.08 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.46 3.73 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	64.76 4.84 -7.22	64.80 4.96 -6.50	65.39 4.97 -6.35	74.38 5.31 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.82 9.34 3.19	95.14 8.39 -6.81	87.88 6.65 -17.30	83.42 6.06 -18.51	73.65 5.36 -12.97	65.72 5.16 -5.06	62.14 4.88 -1.82
GOWANUS_GT2_5 24118	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.06 2.08 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.46 3.73 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	64.76 4.84 -7.22	64.80 4.96 -6.50	65.39 4.97 -6.35	74.38 5.31 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.82 9.34 3.19	95.14 8.39 -6.81	87.88 6.65 -17.30	83.42 6.06 -18.51	73.65 5.36 -12.97	65.72 5.16 -5.06	62.14 4.88 -1.82
GOWANUS_GT2_6 24119	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.06 2.08 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.46 3.73 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	64.76 4.84 -7.22	64.80 4.96 -6.50	65.39 4.97 -6.35	74.38 5.31 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.82 9.34 3.19	95.14 8.39 -6.81	87.88 6.65 -17.30	83.42 6.06 -18.51	73.65 5.36 -12.97	65.72 5.16 -5.06	62.14 4.88 -1.82
GOWANUS_GT2_7 24120	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.06 2.08 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.46 3.73 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	64.76 4.84 -7.22	64.80 4.96 -6.50	65.39 4.97 -6.35	74.38 5.31 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.82 9.34 3.19	95.14 8.39 -6.81	87.88 6.65 -17.30	83.42 6.06 -18.51	73.65 5.36 -12.97	65.72 5.16 -5.06	62.14 4.88 -1.82
GOWANUS_GT2_8 24121	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.06 2.08 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.46 3.73 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	64.76 4.84 -7.22	64.80 4.96 -6.50	65.39 4.97 -6.35	74.38 5.31 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.82 9.34 3.19	95.14 8.39 -6.81	87.88 6.65 -17.30	83.42 6.06 -18.51	73.65 5.36 -12.97	65.72 5.16 -5.06	62.14 4.88 -1.82
GOWANUS_GT3_1 24122	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
GOWANUS_GT3_2 24123	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
GOWANUS_GT3_3 24124	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
GOWANUS_GT3_4 24125	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
GOWANUS_GT3_5 24126	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
GOWANUS_GT3_6 24127	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
GOWANUS_GT3_7 24128	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
GOWANUS_GT3_8 24129	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
GOWANUS_GT4_1 24130	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	64.77 4.85 -7.22	64.75 4.91 -6.50	65.39 4.97 -6.35	74.33 5.25 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.83 9.34 3.18	95.15 8.39 -6.81	87.91 6.65 -17.34	83.45 6.06 -18.55	73.68 5.37 -12.99	65.73 5.16 -5.07	62.14 4.88 -1.82
GOWANUS_GT4_2 24131	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	64.77 4.85 -7.22	64.75 4.91 -6.50	65.39 4.97 -6.35	74.33 5.25 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.83 9.34 3.18	95.15 8.39 -6.81	87.91 6.65 -17.34	83.45 6.06 -18.55	73.68 5.37 -12.99	65.73 5.16 -5.07	62.14 4.88 -1.82

GOWANUS_GT4_3 24132	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	64.77 4.85 -7.22	64.75 4.91 -6.50	65.39 4.97 -6.35	74.33 5.25 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.83 9.34 3.18	95.15 8.39 -6.81	87.91 6.65 -17.34	83.45 6.06 -18.55	73.68 5.37 -12.99	65.73 5.16 -5.07	62.14 4.88 -1.82
GOWANUS_GT4_4 24133	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	64.77 4.85 -7.22	64.75 4.91 -6.50	65.39 4.97 -6.35	74.33 5.25 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.83 9.34 3.18	95.15 8.39 -6.81	87.91 6.65 -17.34	83.45 6.06 -18.55	73.68 5.37 -12.99	65.73 5.16 -5.07	62.14 4.88 -1.82
GOWANUS_GT4_5 24134	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	64.77 4.85 -7.22	64.75 4.91 -6.50	65.39 4.97 -6.35	74.33 5.25 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.83 9.34 3.18	95.15 8.39 -6.81	87.91 6.65 -17.34	83.45 6.06 -18.55	73.68 5.37 -12.99	65.73 5.16 -5.07	62.14 4.88 -1.82
GOWANUS_GT4_6 24135	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	64.77 4.85 -7.22	64.75 4.91 -6.50	65.39 4.97 -6.35	74.33 5.25 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.83 9.34 3.18	95.15 8.39 -6.81	87.91 6.65 -17.34	83.45 6.06 -18.55	73.68 5.37 -12.99	65.73 5.16 -5.07	62.14 4.88 -1.82
GOWANUS_GT4_7 24136	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	64.77 4.85 -7.22	64.75 4.91 -6.50	65.39 4.97 -6.35	74.33 5.25 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.83 9.34 3.18	95.15 8.39 -6.81	87.91 6.65 -17.34	83.45 6.06 -18.55	73.68 5.37 -12.99	65.73 5.16 -5.07	62.14 4.88 -1.82
GOWANUS_GT4_8 24137	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	64.77 4.85 -7.22	64.75 4.91 -6.50	65.39 4.97 -6.35	74.33 5.25 -11.99	76.86 5.51 -13.97	71.85 5.70 -10.77	91.83 9.34 3.18	95.15 8.39 -6.81	87.91 6.65 -17.34	83.45 6.06 -18.55	73.68 5.37 -12.99	65.73 5.16 -5.07	62.14 4.88 -1.82
GREENBSH_115KV_TB3 55895	35.13 0.55 0.00	33.69 0.63 0.00	32.21 0.54 0.00	32.15 0.54 0.00	33.58 0.59 0.00	36.17 0.57 0.00	45.36 0.85 0.00	48.60 0.86 0.00	46.30 0.90 -0.51	44.33 0.90 -0.54	58.15 2.12 -1.65	56.46 2.06 -1.71	57.02 2.13 -1.55	57.74 2.16 -1.52	61.99 2.17 -2.73	69.13 1.95 -9.80	76.74 1.77 -19.60	91.37 2.83 -2.88	115.83 2.64 -33.26	95.94 2.11 -29.90	92.48 1.94 -31.69	77.35 1.83 -20.21	67.22 2.00 -9.72	59.82 2.00 -2.38
GREENDGE_115KV_TB5 80291	34.02 -0.55 0.00	32.43 -0.63 0.00	31.23 -0.44 0.00	31.20 -0.41 0.00	32.59 -0.40 0.00	35.60 0.00 0.00	44.60 0.09 0.00	46.93 -0.81 0.00	44.40 -0.49 0.00	42.30 -0.60 0.00	52.20 -2.17 0.00	50.52 -2.37 -0.19	51.02 -2.29 0.03	51.74 -2.32 0.00	54.86 -2.23 0.00	56.27 -2.12 -1.02	56.94 -1.50 -3.06	86.05 -0.94 -1.32	81.87 -0.80 -2.74	67.84 -0.77 -4.68	62.22 -0.82 -4.20	57.21 -1.27 -3.16	55.86 -1.17 -1.52	54.82 -1.00 -0.37
GREENIDGE___3 23582	34.02 -0.55 0.00	32.43 -0.63 0.00	31.23 -0.44 0.00	31.20 -0.41 0.00	32.59 -0.40 0.00	35.60 0.00 0.00	44.60 0.09 0.00	46.93 -0.81 0.00	44.40 -0.49 0.00	42.30 -0.60 0.00	52.20 -2.17 0.00	50.52 -2.37 -0.19	51.02 -2.29 0.03	51.74 -2.32 0.00	54.86 -2.23 0.00	56.27 -2.12 -1.02	56.94 -1.50 -3.06	86.05 -0.94 -1.32	81.87 -0.80 -2.74	67.84 -0.77 -4.68	62.22 -0.82 -4.20	57.21 -1.27 -3.16	55.86 -1.17 -1.52	54.82 -1.00 -0.37
GREENIDGE___4 23583	34.09 -0.48 0.00	32.53 -0.53 0.00	31.23 -0.44 0.00	31.20 -0.41 0.00	32.62 -0.36 0.00	35.60 0.00 0.00	44.60 0.09 0.00	46.93 -0.81 0.00	44.40 -0.49 0.00	42.30 -0.60 0.00	52.20 -2.18 0.00	50.52 -2.37 -0.19	50.97 -2.35 0.03	51.74 -2.32 0.00	54.86 -2.23 0.00	56.27 -2.12 -1.02	56.95 -1.49 -3.06	85.97 -1.02 -1.32	81.88 -0.80 -2.74	67.85 -0.76 -4.69	62.23 -0.82 -4.21	57.22 -1.27 -3.17	55.86 -1.17 -1.52	54.82 -1.00 -0.37
GREENLWN_69_KV_BK 3 55738	37.30 2.73 0.00	35.28 2.22 0.00	33.57 1.90 0.00	33.38 1.77 0.00	35.23 2.24 0.00	38.13 2.53 0.00	48.11 3.61 0.00	51.56 3.82 0.00	50.80 3.59 -2.31	48.56 3.22 -2.44	66.24 4.35 -7.52	64.90 4.43 -7.78	64.88 4.48 -7.06	65.67 4.70 -6.90	74.62 5.08 -12.46	82.61 5.74 -19.49	89.54 5.70 -28.46	107.97 9.34 -12.96	100.99 8.47 -12.58	93.36 6.65 -22.79	88.94 6.00 -24.09	85.63 5.59 -24.72	68.79 5.88 -7.40	62.30 5.05 -1.81
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.56 3.82 0.00	50.94 3.73 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.97 4.97 -6.92	74.83 5.25 -12.49	82.47 5.57 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.64 8.47 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.08 5.37 -15.39	68.07 5.16 -7.41	62.14 4.88 -1.82
GRISSOM___SOLAR 323813	36.51 1.93 0.00	35.11 2.05 0.00	33.51 1.84 0.00	33.44 1.83 0.00	35.00 2.01 0.00	37.91 2.31 0.00	47.76 3.25 0.00	51.13 3.39 0.00	48.35 3.10 -0.37	45.81 2.53 -0.39	58.39 2.83 -1.19	56.45 2.53 -1.23	57.07 2.61 -1.11	57.91 2.76 -1.09	62.02 2.97 -1.97	70.65 3.68 -9.60	81.11 4.10 -21.63	95.95 7.11 -3.17	139.66 6.95 -52.77	102.45 5.56 -32.97	98.85 5.12 -34.89	82.08 4.48 -22.28	70.49 4.27 -10.72	62.11 4.04 -2.63
GROVEVILLE___HYD 323602	36.75 2.18 0.00	35.11 2.05 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.90 1.91 0.00	37.70 2.10 0.00	47.63 3.12 0.00	51.17 3.44 0.00	48.61 3.37 -0.35	46.35 3.09 -0.37	59.53 4.02 -1.13	57.92 4.06 -1.17	58.56 4.16 -1.06	59.38 4.27 -1.04	63.58 4.62 -1.87	69.72 5.11 -7.24	75.54 5.26 -14.91	96.51 8.65 -2.19	100.44 7.99 -12.51	92.94 6.26 -22.75	88.66 5.77 -24.05	75.84 5.14 -15.37	67.89 5.00 -7.40	61.91 4.66 -1.81
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.23 -0.35 0.00	32.70 -0.36 0.00	31.36 -0.32 0.00	31.29 -0.32 0.00	32.69 -0.30 0.00	35.42 -0.18 0.00	44.24 -0.27 0.00	47.36 -0.38 0.00	44.49 -0.40 0.00	42.51 -0.39 0.00	53.50 -0.87 0.00	51.80 -0.90 0.00	52.49 -0.85 0.00	53.20 -0.87 0.00	56.23 -0.86 0.00	57.11 -0.80 -0.53	56.43 -0.55 -1.61	85.56 -0.34 -0.24	79.70 -0.24 0.00	66.12 -0.26 -2.45	61.15 -0.29 -2.60	56.43 -0.55 -1.66	55.80 -0.50 -0.80	55.20 -0.44 -0.20

HAMLTNNY_34_KV_TB 80303	34.23 -0.35 0.00	32.70 -0.36 0.00	31.39 -0.29 0.00	31.33 -0.28 0.00	32.69 -0.30 0.00	35.46 -0.14 0.00	44.29 -0.22 0.00	47.36 -0.38 0.00	44.49 -0.40 0.00	42.51 -0.39 0.00	53.50 -0.87 0.00	51.75 -0.95 0.00	52.43 -0.91 0.00	53.15 -0.92 0.00	56.17 -0.91 0.00	57.08 -0.86 -0.57	56.53 -0.55 -1.71	85.66 -0.26 -0.25	79.78 -0.16 0.00	66.27 -0.26 -2.61	61.31 -0.29 -2.76	56.53 -0.55 -1.76	55.90 -0.44 -0.85	55.27 -0.39 -0.21
HAMPSHIRE___PAPER_HYD 323593	51.57 -1.24 -18.24	49.21 -1.49 -17.63	47.32 -1.39 -17.04	47.17 -1.45 -17.02	45.83 -1.45 -14.30	33.46 -2.14 0.00	41.88 -2.63 0.00	45.64 -2.10 0.00	42.47 -2.42 0.00	40.84 -2.06 0.00	77.24 -3.26 -26.12	72.13 -3.27 -22.70	72.89 -3.41 -22.96	74.01 -3.35 -23.30	80.72 -3.48 -27.12	78.74 -3.50 -24.87	53.08 -2.88 -0.58	90.35 -3.26 -7.93	77.46 -2.48 0.00	62.60 -2.24 -0.91	57.70 -2.12 -0.97	53.12 -2.82 -0.62	53.63 -2.17 -0.30	53.96 -1.55 -0.07
HARDSCRABBLE_WT_PWR 323673	34.44 -0.14 0.00	32.90 -0.16 0.00	31.55 -0.13 0.00	31.55 -0.06 0.00	32.95 -0.03 0.00	35.64 0.04 0.00	44.60 0.09 0.00	47.88 0.14 0.00	44.94 0.04 0.00	42.90 0.00 0.00	54.37 0.00 0.00	52.64 -0.05 0.00	53.29 -0.05 0.00	53.96 -0.11 0.00	56.97 -0.11 0.00	57.26 -0.11 0.00	55.49 0.11 0.00	86.01 0.34 0.00	80.42 0.48 0.00	64.38 0.45 0.00	59.31 0.47 0.00	55.82 0.50 0.00	56.11 0.61 0.00	56.16 0.72 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.30 1.73 0.00	34.62 1.55 0.00	33.00 1.33 0.00	32.94 1.33 0.00	34.47 1.48 0.00	37.24 1.64 0.00	46.91 2.40 0.00	50.41 2.67 0.00	44.39 2.69 3.19	42.05 2.53 3.38	47.30 3.32 10.39	45.31 3.37 10.76	47.05 3.47 9.75	48.10 3.57 9.54	43.70 3.82 17.21	46.05 4.13 15.46	73.59 4.37 -13.84	94.99 7.28 -2.03	97.79 6.47 -11.38	90.15 5.11 -21.12	85.87 4.71 -22.32	73.74 4.15 -14.27	66.47 4.11 -6.86	60.89 3.77 -1.68
HARSNRAD_115KV_TB1 81005	32.19 -2.39 0.00	30.62 -2.45 0.00	29.71 -1.96 0.00	29.65 -1.96 0.00	30.87 -2.11 0.00	33.68 -1.92 0.00	41.93 -2.58 0.00	43.15 -4.58 0.00	40.67 -4.22 0.00	38.82 -4.08 0.00	47.85 -6.52 0.00	45.63 -6.80 0.27	46.63 -6.61 0.10	47.47 -6.60 0.00	50.00 -7.08 0.00	51.01 -7.00 -0.63	50.87 -6.42 -1.92	76.93 -8.65 0.09	73.82 -8.07 -1.95	60.13 -6.78 -2.99	53.11 -6.41 -0.68	51.03 -6.31 -2.02	51.31 -5.16 -0.97	51.69 -3.99 -0.24
HARZA MOOSE___RIVER 24016	39.76 0.10 -5.09	37.88 -0.10 -4.91	36.36 -0.06 -4.75	36.26 -0.09 -4.74	36.90 -0.07 -3.99	35.56 -0.04 0.00	44.60 0.09 0.00	48.21 0.48 0.00	45.12 0.22 0.00	43.15 0.26 0.00	61.60 -0.05 -7.28	58.86 -0.16 -6.33	59.47 -0.27 -6.40	60.40 -0.16 -6.49	64.53 -0.11 -7.56	64.33 -0.11 -7.06	56.43 0.50 -0.56	89.57 1.63 -2.27	81.62 1.68 0.00	65.93 1.15 -0.86	60.69 0.94 -0.91	56.23 0.33 -0.58	56.17 0.39 -0.28	55.90 0.39 -0.07
HDSNBRDG_115KV_BRDG_TB1 355580	33.99 -0.59 0.00	32.47 -0.60 0.00	31.17 -0.51 0.00	31.11 -0.51 0.00	32.46 -0.53 0.00	35.17 -0.43 0.00	43.93 -0.58 0.00	46.97 -0.76 0.00	44.13 -0.76 0.00	42.17 -0.73 0.00	53.18 -1.20 0.00	51.43 -1.26 0.00	52.11 -1.23 0.00	52.82 -1.24 0.00	55.83 -1.26 0.00	56.66 -1.20 -0.48	55.89 -0.94 -1.46	84.86 -1.03 -0.21	78.98 -0.96 0.00	65.32 -0.83 -2.23	60.38 -0.82 -2.36	55.83 -1.00 -1.50	55.34 -0.89 -0.72	54.79 -0.83 -0.18
HELLGATE_13_KV_LD 55870	36.99 2.42 0.00	35.28 2.22 0.00	33.51 1.84 0.00	33.48 1.87 0.00	34.96 1.98 0.00	37.77 2.17 0.00	47.63 3.12 0.00	51.27 3.53 0.00	50.71 3.50 -2.32	48.91 3.56 -2.45	66.65 4.73 -7.54	65.24 4.74 -7.80	65.22 4.80 -7.08	65.86 4.87 -6.92	74.77 5.19 -12.49	82.30 5.39 -19.53	75.90 5.59 -14.93	96.95 9.08 -2.20	100.24 8.07 -12.22	93.09 6.39 -22.78	88.75 5.83 -24.08	75.92 5.20 -15.39	67.91 5.00 -7.41	61.92 4.66 -1.82
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.99 2.42 0.00	35.28 2.22 0.00	33.51 1.84 0.00	33.48 1.87 0.00	34.96 1.98 0.00	37.77 2.17 0.00	47.63 3.12 0.00	51.27 3.53 0.00	50.71 3.50 -2.32	48.91 3.56 -2.45	66.65 4.73 -7.54	65.24 4.74 -7.80	65.22 4.80 -7.08	65.86 4.87 -6.92	74.77 5.19 -12.49	82.30 5.39 -19.53	75.90 5.59 -14.93	96.95 9.08 -2.20	100.24 8.07 -12.22	93.09 6.39 -22.78	88.75 5.83 -24.08	75.92 5.20 -15.39	67.91 5.00 -7.41	61.92 4.66 -1.82
HEMPSTEAD____ 23647	37.06 2.49 0.00	35.08 2.02 0.00	33.48 1.80 0.00	33.32 1.71 0.00	35.06 2.08 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.27 3.53 0.00	50.66 3.46 -2.31	48.43 3.09 -2.44	66.14 4.24 -7.52	64.69 4.22 -7.78	64.72 4.32 -7.06	65.46 4.49 -6.90	74.51 4.96 -12.46	82.26 5.39 -19.49	89.54 5.70 -28.46	107.88 9.26 -12.96	100.83 8.31 -12.58	93.26 6.59 -22.75	88.90 6.01 -24.05	85.38 5.36 -24.69	68.27 5.38 -7.39	61.91 4.66 -1.81
HEWLETT_69_KV_BK3 55828	37.48 2.90 0.00	35.44 2.38 0.00	33.73 2.06 0.00	33.57 1.96 0.00	35.39 2.41 0.00	38.27 2.67 0.00	48.34 3.83 0.00	51.89 4.15 0.00	51.16 3.95 -2.31	48.82 3.47 -2.44	66.52 4.62 -7.52	65.11 4.64 -7.78	65.09 4.69 -7.06	65.89 4.92 -6.90	74.85 5.31 -12.46	82.84 5.97 -19.49	90.15 6.31 -28.46	108.83 10.19 -12.96	101.79 9.27 -12.58	94.06 7.35 -22.79	89.64 6.71 -24.09	86.07 6.03 -24.72	68.90 5.99 -7.40	62.47 5.21 -1.81
HICKLING___1 23621	34.23 -0.35 0.00	32.63 -0.43 0.00	31.42 -0.25 0.00	31.36 -0.25 0.00	32.79 -0.20 0.00	35.71 0.11 0.00	44.69 0.18 0.00	47.21 -0.53 0.00	44.25 -0.45 0.20	42.22 -0.47 0.21	52.10 -1.63 0.64	50.12 -1.95 0.62	50.83 -1.87 0.64	51.69 -1.78 0.59	54.25 -1.77 1.06	55.78 -1.66 -0.07	58.08 -1.22 -3.92	86.04 -0.60 -0.97	82.95 -0.56 -3.57	69.28 -0.64 -5.99	63.40 -0.71 -5.26	58.32 -1.05 -4.05	56.45 -1.00 -1.95	54.98 -0.94 -0.48
HICKLING___2 23622	34.23 -0.35 0.00	32.63 -0.43 0.00	31.42 -0.25 0.00	31.36 -0.25 0.00	32.79 -0.20 0.00	35.71 0.11 0.00	44.69 0.18 0.00	47.21 -0.53 0.00	44.25 -0.45 0.20	42.22 -0.47 0.21	52.10 -1.63 0.64	50.12 -1.95 0.62	50.83 -1.87 0.64	51.69 -1.78 0.59	54.25 -1.77 1.06	55.78 -1.66 -0.07	58.08 -1.22 -3.92	86.04 -0.60 -0.97	82.95 -0.56 -3.57	69.28 -0.64 -5.99	63.40 -0.71 -5.26	58.32 -1.05 -4.05	56.45 -1.00 -1.95	54.98 -0.94 -0.48
HIGH FALLS___HY 23754	37.03 2.45 0.00	35.31 2.25 0.00	33.57 1.90 0.00	33.51 1.90 0.00	35.13 2.14 0.00	37.98 2.39 0.00	48.11 3.61 0.00	51.75 4.01 0.00	48.35 3.86 0.41	45.86 3.39 0.43	57.18 4.13 1.32	55.48 4.16 1.37	56.42 4.32 1.24	57.34 4.49 1.21	59.86 4.97 2.19	65.59 5.80 -2.42	76.46 6.26 -14.82	98.30 10.45 -2.18	103.91 9.59 -14.37	94.09 7.54 -22.62	89.76 7.00 -23.91	76.75 6.14 -15.29	68.85 5.99 -7.35	62.73 5.49 -1.80
HIGH_RIVER___SOLAR 323847	35.92 1.35 0.00	34.45 1.39 0.00	32.94 1.27 0.00	32.88 1.27 0.00	34.37 1.39 0.00	37.13 1.53 0.00	46.65 2.14 0.00	49.98 2.24 0.00	47.33 2.02 -0.41	44.92 1.59 -0.44	57.51 1.79 -1.34	55.72 1.64 -1.39	56.31 1.71 -1.26	57.08 1.78 -1.23	61.31 2.00 -2.23	69.68 2.64 -9.66	79.23 2.93 -20.92	93.71 4.97 -3.07	140.16 4.72 -55.50	99.60 3.77 -31.91	96.13 3.47 -33.82	79.98 3.10 -21.56	68.87 2.99 -10.37	60.81 2.83 -2.54

HILLBURN___GT 23639	36.37 1.80 0.00	34.62 1.55 0.00	33.07 1.39 0.00	33.03 1.42 0.00	34.50 1.52 0.00	37.31 1.71 0.00	47.00 2.49 0.00	50.51 2.77 0.00	44.25 2.83 3.47	41.97 2.75 3.67	46.72 3.64 11.30	44.68 3.69 11.70	46.52 3.79 10.61	47.48 3.78 10.37	42.48 4.11 18.71	44.59 4.31 17.10	73.79 4.37 -14.04	94.93 7.20 -2.06	97.87 6.40 -11.54	90.37 5.05 -21.39	86.10 4.65 -22.61	73.87 4.09 -14.46	66.45 4.00 -6.96	60.80 3.66 -1.71
HILLSIDE_115KV_TB1 80332	34.05 -0.52 0.00	32.47 -0.60 0.00	31.26 -0.41 0.00	31.20 -0.41 0.00	32.59 -0.40 0.00	35.42 -0.18 0.00	44.29 -0.22 0.00	46.78 -0.95 0.00	43.93 -0.76 0.21	41.91 -0.77 0.22	51.80 -1.90 0.67	49.92 -2.11 0.67	50.60 -2.08 0.67	51.45 -2.00 0.61	53.92 -2.06 1.11	55.56 -1.89 -0.08	57.91 -1.55 -4.08	85.21 -1.37 -0.91	82.29 -1.36 -3.71	68.88 -1.28 -6.24	63.13 -1.29 -5.58	57.99 -1.55 -4.22	55.98 -1.55 -2.03	54.39 -1.55 -0.50
HISHELDN_WT_PWR 323625	32.50 -2.07 0.00	30.88 -2.18 0.00	29.77 -1.90 0.00	29.75 -1.87 0.00	31.07 -1.91 0.00	33.86 -1.74 0.00	42.15 -2.36 0.00	43.68 -4.06 0.00	41.12 -3.77 0.00	39.21 -3.69 0.00	48.28 -6.09 0.00	45.82 -6.32 0.55	46.95 -6.29 0.10	47.95 -6.11 0.00	50.63 -6.45 0.00	51.85 -6.31 -0.79	52.05 -5.70 -2.38	77.17 -7.45 1.05	75.53 -6.79 -2.39	61.94 -5.63 -3.64	54.87 -5.24 -1.26	52.53 -5.26 -2.46	52.19 -4.49 -1.19	51.96 -3.77 -0.29
HOLTSVILLE_IC_1 23690	37.62 3.04 0.00	35.48 2.41 0.00	33.83 2.15 0.00	33.60 1.99 0.00	35.52 2.54 0.00	38.48 2.88 0.00	48.60 4.09 0.00	52.08 4.34 0.00	51.29 4.08 -2.31	48.73 3.39 -2.44	66.57 4.68 -7.52	65.12 4.64 -7.78	65.14 4.75 -7.06	65.94 4.97 -6.90	75.08 5.54 -12.46	83.13 6.25 -19.49	90.87 7.03 -28.46	110.02 11.40 -12.96	102.75 10.23 -12.58	94.73 8.05 -22.75	90.25 7.35 -24.05	86.54 6.52 -24.69	69.38 6.49 -7.39	62.80 5.54 -1.81
HOLTSVILLE_IC_10 23699	37.79 3.22 0.00	35.64 2.58 0.00	33.98 2.31 0.00	33.76 2.15 0.00	35.72 2.74 0.00	38.70 3.10 0.00	48.87 4.36 0.00	52.37 4.63 0.00	51.56 4.35 -2.31	48.98 3.64 -2.44	66.84 4.95 -7.52	65.38 4.90 -7.78	65.41 5.01 -7.06	66.21 5.24 -6.90	75.37 5.83 -12.46	83.47 6.60 -19.49	91.26 7.42 -28.46	110.71 12.08 -12.96	103.47 10.95 -12.58	95.24 8.57 -22.75	90.72 7.83 -24.05	86.93 6.91 -24.69	69.72 6.82 -7.39	63.07 5.82 -1.81
HOLTSVILLE_IC_2 23691	37.62 3.04 0.00	35.48 2.41 0.00	33.83 2.15 0.00	33.60 1.99 0.00	35.52 2.54 0.00	38.48 2.88 0.00	48.60 4.09 0.00	52.08 4.34 0.00	51.29 4.08 -2.31	48.73 3.39 -2.44	66.57 4.68 -7.52	65.12 4.64 -7.78	65.14 4.75 -7.06	65.94 4.97 -6.90	75.08 5.54 -12.46	83.13 6.25 -19.49	90.87 7.03 -28.46	110.02 11.40 -12.96	102.75 10.23 -12.58	94.73 8.05 -22.75	90.25 7.35 -24.05	86.54 6.52 -24.69	69.38 6.49 -7.39	62.80 5.54 -1.81
HOLTSVILLE_IC_3 23692	37.62 3.04 0.00	35.48 2.41 0.00	33.83 2.15 0.00	33.60 1.99 0.00	35.52 2.54 0.00	38.48 2.88 0.00	48.60 4.09 0.00	52.08 4.34 0.00	51.29 4.08 -2.31	48.73 3.39 -2.44	66.57 4.68 -7.52	65.12 4.64 -7.78	65.14 4.75 -7.06	65.94 4.97 -6.90	75.08 5.54 -12.46	83.13 6.25 -19.49	90.87 7.03 -28.46	110.02 11.40 -12.96	102.75 10.23 -12.58	94.73 8.05 -22.75	90.25 7.35 -24.05	86.54 6.52 -24.69	69.38 6.49 -7.39	62.80 5.54 -1.81
HOLTSVILLE_IC_4 23693	37.62 3.04 0.00	35.48 2.41 0.00	33.83 2.15 0.00	33.60 1.99 0.00	35.52 2.54 0.00	38.48 2.88 0.00	48.60 4.09 0.00	52.08 4.34 0.00	51.29 4.08 -2.31	48.73 3.39 -2.44	66.57 4.68 -7.52	65.12 4.64 -7.78	65.14 4.75 -7.06	65.94 4.97 -6.90	75.08 5.54 -12.46	83.13 6.25 -19.49	90.87 7.03 -28.46	110.02 11.40 -12.96	102.75 10.23 -12.58	94.73 8.05 -22.75	90.25 7.35 -24.05	86.54 6.52 -24.69	69.38 6.49 -7.39	62.80 5.54 -1.81
HOLTSVILLE_IC_5 23694	37.62 3.04 0.00	35.48 2.41 0.00	33.83 2.15 0.00	33.60 1.99 0.00	35.52 2.54 0.00	38.48 2.88 0.00	48.60 4.09 0.00	52.08 4.34 0.00	51.29 4.08 -2.31	48.73 3.39 -2.44	66.57 4.68 -7.52	65.12 4.64 -7.78	65.14 4.75 -7.06	65.94 4.97 -6.90	75.08 5.54 -12.46	83.13 6.25 -19.49	90.87 7.03 -28.46	110.02 11.40 -12.96	102.75 10.23 -12.58	94.73 8.05 -22.75	90.25 7.35 -24.05	86.54 6.52 -24.69	69.38 6.49 -7.39	62.80 5.54 -1.81
HOLTSVILLE_IC_6 23695	37.79 3.22 0.00	35.64 2.58 0.00	33.98 2.31 0.00	33.76 2.15 0.00	35.72 2.74 0.00	38.70 3.10 0.00	48.87 4.36 0.00	52.37 4.63 0.00	51.56 4.35 -2.31	48.98 3.64 -2.44	66.84 4.95 -7.52	65.38 4.90 -7.78	65.41 5.01 -7.06	66.21 5.24 -6.90	75.37 5.83 -12.46	83.47 6.60 -19.49	91.26 7.42 -28.46	110.71 12.08 -12.96	103.47 10.95 -12.58	95.24 8.57 -22.75	90.72 7.83 -24.05	86.93 6.91 -24.69	69.72 6.82 -7.39	63.07 5.82 -1.81
HOLTSVILLE_IC_7 23696	37.79 3.22 0.00	35.64 2.58 0.00	33.98 2.31 0.00	33.76 2.15 0.00	35.72 2.74 0.00	38.70 3.10 0.00	48.87 4.36 0.00	52.37 4.63 0.00	51.56 4.35 -2.31	48.98 3.64 -2.44	66.84 4.95 -7.52	65.38 4.90 -7.78	65.41 5.01 -7.06	66.21 5.24 -6.90	75.37 5.83 -12.46	83.47 6.60 -19.49	91.26 7.42 -28.46	110.71 12.08 -12.96	103.47 10.95 -12.58	95.24 8.57 -22.75	90.72 7.83 -24.05	86.93 6.91 -24.69	69.72 6.82 -7.39	63.07 5.82 -1.81
HOLTSVILLE_IC_8 23697	37.79 3.22 0.00	35.64 2.58 0.00	33.98 2.31 0.00	33.76 2.15 0.00	35.72 2.74 0.00	38.70 3.10 0.00	48.87 4.36 0.00	52.37 4.63 0.00	51.56 4.35 -2.31	48.98 3.64 -2.44	66.84 4.95 -7.52	65.38 4.90 -7.78	65.41 5.01 -7.06	66.21 5.24 -6.90	75.37 5.83 -12.46	83.47 6.60 -19.49	91.26 7.42 -28.46	110.71 12.08 -12.96	103.47 10.95 -12.58	95.24 8.57 -22.75	90.72 7.83 -24.05	86.93 6.91 -24.69	69.72 6.82 -7.39	63.07 5.82 -1.81
HOLTSVILLE_IC_9 23698	37.79 3.22 0.00	35.64 2.58 0.00	33.98 2.31 0.00	33.76 2.15 0.00	35.72 2.74 0.00	38.70 3.10 0.00	48.87 4.36 0.00	52.37 4.63 0.00	51.56 4.35 -2.31	48.98 3.64 -2.44	66.84 4.95 -7.52	65.38 4.90 -7.78	65.41 5.01 -7.06	66.21 5.24 -6.90	75.37 5.83 -12.46	83.47 6.60 -19.49	91.26 7.42 -28.46	110.71 12.08 -12.96	103.47 10.95 -12.58	95.24 8.57 -22.75	90.72 7.83 -24.05	86.93 6.91 -24.69	69.72 6.82 -7.39	63.07 5.82 -1.81
HOMER_HL_115KV_TB2 355744	33.95 -0.62 0.00	32.27 -0.79 0.00	31.23 -0.44 0.00	31.20 -0.41 0.00	32.59 -0.40 0.00	35.53 -0.07 0.00	44.29 -0.22 0.00	45.88 -1.86 0.00	43.41 -1.48 0.00	41.48 -1.42 0.00	50.89 -3.48 0.00	48.45 -4.06 0.18	49.35 -3.89 0.10	50.39 -3.68 0.00	53.09 -4.00 0.00	54.30 -3.90 -0.82	54.19 -3.65 -2.47	82.02 -3.94 -0.29	78.57 -3.84 -2.47	64.14 -3.58 -3.80	56.88 -3.41 -1.45	54.07 -3.82 -2.57	52.30 -4.44 -1.24	50.76 -4.99 -0.31
HOWARD_WT_PWR 323690	32.60 -1.97 0.00	31.11 -1.95 0.00	30.03 -1.65 0.00	30.19 -1.42 0.00	31.63 -1.35 0.00	34.50 -1.10 0.00	43.04 -1.47 0.00	45.16 -2.58 0.00	42.20 -2.69 0.00	40.24 -2.66 0.00	49.37 -5.00 0.00	48.18 -4.90 -0.39	48.38 -4.91 0.06	49.36 -4.70 0.00	52.40 -4.68 0.00	53.88 -4.53 -1.04	54.84 -3.66 -3.12	84.34 -3.52 -2.18	79.88 -2.96 -2.89	66.45 -2.24 -4.77	60.38 -2.06 -3.60	56.11 -2.43 -3.22	54.89 -2.17 -1.55	53.88 -1.94 -0.38

HQ_GEN_CEDARS 23644	59.96 -1.49 -26.88	57.32 -1.72 -25.98	55.14 -1.65 -25.11	54.97 -1.71 -25.07	52.33 -1.72 -21.06	32.68 -2.92 0.00	40.77 -3.74 0.00	44.63 -3.10 0.00	41.48 -3.41 0.00	39.98 -2.92 0.00	88.51 -4.35 -38.49	81.82 -4.32 -33.45	82.74 -4.43 -33.83	83.96 -4.43 -34.32	92.36 -4.68 -39.95	89.18 -4.70 -36.51	51.59 -4.26 -0.48	91.90 -5.40 -11.63	75.54 -4.40 0.00	61.02 -3.64 -0.73	56.27 -3.35 -0.78	51.67 -4.15 -0.50	52.74 -3.00 -0.24	53.67 -1.83 -0.06
HQ_GEN_CEDARS_PROXY 323590	59.97 -1.49 -26.88	57.32 -1.72 -25.98	55.13 -1.65 -25.11	54.97 -1.71 -25.07	52.33 -1.72 -21.06	32.68 -2.92 0.00	40.77 -3.74 0.00	44.64 -3.10 0.00	41.48 -3.41 0.00	39.98 -2.92 0.00	88.51 -4.35 -38.49	81.82 -4.32 -33.45	82.74 -4.43 -33.83	83.96 -4.43 -34.32	92.36 -4.68 -39.95	89.18 -4.70 -36.51	51.59 -4.26 -0.48	91.91 -5.39 -11.63	75.54 -4.40 0.00	61.04 -3.64 -0.75	56.29 -3.35 -0.80	51.68 -4.15 -0.51	52.75 -3.00 -0.25	53.67 -1.83 -0.06
HQ_GEN_IMPORT 323601	32.77 -0.14 1.67	31.32 -0.13 1.61	29.99 -0.13 1.56	29.93 -0.13 1.56	31.51 -0.16 1.31	35.39 -0.21 0.00	44.20 -0.31 0.00	47.50 -0.24 0.00	44.63 -0.27 0.00	42.64 -0.26 0.00	51.66 -0.32 2.39	50.30 -0.31 2.08	50.87 -0.37 2.10	51.56 -0.38 2.13	54.14 -0.46 2.48	54.60 -0.52 2.26	54.60 -0.78 0.00	83.24 -1.71 0.72	78.42 -1.52 0.00	62.78 -1.15 0.00	57.90 -0.94 0.00	54.60 -0.72 0.00	54.61 -0.89 0.00	54.61 -0.83 0.00
HQ_GEN_WHEEL 23651	32.77 -0.14 1.67	31.32 -0.13 1.61	29.99 -0.13 1.56	29.93 -0.13 1.56	31.51 -0.16 1.31	35.39 -0.21 0.00	44.20 -0.31 0.00	47.50 -0.24 0.00	44.63 -0.27 0.00	42.64 -0.26 0.00	51.66 -0.32 2.39	50.30 -0.31 2.08	50.87 -0.37 2.10	51.56 -0.38 2.13	54.14 -0.46 2.48	54.60 -0.52 2.26	54.60 -0.78 0.00	83.24 -1.71 0.72	78.42 -1.52 0.00	62.78 -1.15 0.00	57.90 -0.94 0.00	54.60 -0.72 0.00	54.61 -0.89 0.00	54.61 -0.83 0.00
HUDSON AVE_GT_3 23810	36.86 2.28 0.00	35.11 2.05 0.00	33.38 1.71 0.00	33.35 1.74 0.00	34.83 1.85 0.00	37.70 2.10 0.00	47.63 3.12 0.00	51.32 3.58 0.00	50.80 3.59 -2.32	48.91 3.56 -2.45	66.42 4.51 -7.54	65.03 4.53 -7.80	65.00 4.59 -7.07	65.64 4.65 -6.92	74.54 4.97 -12.49	82.07 5.16 -19.53	75.67 5.37 -14.92	96.69 8.82 -2.19	99.91 7.75 -12.22	92.83 6.14 -22.77	88.51 5.59 -24.07	75.63 4.92 -15.39	67.62 4.72 -7.40	61.63 4.38 -1.81
HUDSON AVE_GT_4 23540	36.86 2.28 0.00	35.11 2.05 0.00	33.38 1.71 0.00	33.35 1.74 0.00	34.83 1.85 0.00	37.70 2.10 0.00	47.63 3.12 0.00	51.32 3.58 0.00	50.80 3.59 -2.32	48.91 3.56 -2.45	66.42 4.51 -7.54	65.03 4.53 -7.80	65.00 4.59 -7.07	65.64 4.65 -6.92	74.54 4.97 -12.49	82.07 5.16 -19.53	75.67 5.37 -14.92	96.69 8.82 -2.19	99.91 7.75 -12.22	92.83 6.14 -22.77	88.51 5.59 -24.07	75.63 4.92 -15.39	67.62 4.72 -7.40	61.63 4.38 -1.81
HUDSON AVE_GT_5 23657	36.86 2.28 0.00	35.11 2.05 0.00	33.38 1.71 0.00	33.35 1.74 0.00	34.83 1.85 0.00	37.70 2.10 0.00	47.63 3.12 0.00	51.32 3.58 0.00	50.80 3.59 -2.32	48.91 3.56 -2.45	66.42 4.51 -7.54	65.03 4.53 -7.80	65.00 4.59 -7.07	65.64 4.65 -6.92	74.54 4.97 -12.49	82.07 5.16 -19.53	75.67 5.37 -14.92	96.69 8.82 -2.19	99.91 7.75 -12.22	92.83 6.14 -22.77	88.51 5.59 -24.07	75.63 4.92 -15.39	67.62 4.72 -7.40	61.63 4.38 -1.81
HUDSON_AVE_10 24168	36.72 2.14 0.00	35.01 1.95 0.00	33.29 1.62 0.00	33.22 1.61 0.00	34.73 1.75 0.00	37.59 1.99 0.00	47.49 2.98 0.00	51.22 3.48 0.00	50.76 3.55 -2.32	48.82 3.47 -2.45	66.26 4.35 -7.54	64.92 4.43 -7.80	64.89 4.48 -7.07	65.47 4.49 -6.92	74.37 4.80 -12.49	81.95 5.05 -19.53	75.56 5.26 -14.92	96.52 8.65 -2.19	99.75 7.59 -12.22	92.64 5.94 -22.77	88.39 5.47 -24.07	75.52 4.81 -15.39	67.51 4.61 -7.40	61.52 4.27 -1.81
HUDSON___115KV_TB 4 355613	35.75 1.18 0.00	34.35 1.29 0.00	32.78 1.11 0.00	32.72 1.11 0.00	34.24 1.25 0.00	36.92 1.32 0.00	46.42 1.91 0.00	49.50 1.77 0.00	46.97 1.66 -0.41	44.75 1.42 -0.44	58.22 2.50 -1.34	56.45 2.37 -1.39	57.11 2.51 -1.26	57.89 2.60 -1.23	62.05 2.74 -2.22	69.03 2.64 -9.01	77.06 2.66 -19.03	92.92 4.45 -2.79	113.12 4.24 -28.94	96.35 3.39 -29.03	92.73 3.12 -30.77	77.76 2.82 -19.62	67.77 2.83 -9.44	60.52 2.77 -2.31
HUNTER MOUNT___DRP 323613	35.85 1.28 0.00	34.48 1.42 0.00	32.88 1.20 0.00	32.81 1.20 0.00	34.37 1.39 0.00	37.06 1.46 0.00	46.65 2.14 0.00	49.79 2.05 0.00	47.09 1.89 -0.31	44.68 1.46 -0.33	57.88 2.50 -1.00	56.10 2.37 -1.04	56.79 2.51 -0.94	57.64 2.65 -0.92	61.66 2.91 -1.66	68.27 2.75 -8.14	76.65 2.88 -18.40	93.26 4.88 -2.70	110.61 4.64 -26.04	95.66 3.64 -28.09	92.02 3.41 -29.77	77.34 3.04 -18.98	67.63 3.00 -9.13	60.56 2.88 -2.24
HUNTINGTON_RES_REC 323705	37.51 2.94 0.00	35.38 2.31 0.00	33.73 2.06 0.00	33.54 1.93 0.00	35.43 2.44 0.00	38.38 2.78 0.00	48.47 3.96 0.00	51.79 4.06 0.00	51.11 3.90 -2.31	48.73 3.39 -2.44	66.57 4.68 -7.52	65.12 4.64 -7.78	65.14 4.75 -7.06	65.94 4.97 -6.90	75.08 5.54 -12.46	83.07 6.20 -19.49	90.37 6.53 -28.46	109.42 10.79 -12.96	102.26 9.75 -12.58	94.28 7.60 -22.75	89.84 6.94 -24.05	86.32 6.30 -24.69	69.27 6.38 -7.39	62.74 5.49 -1.81
HUNTLEY___63 23557	32.40 -2.18 0.00	30.81 -2.25 0.00	29.90 -1.77 0.00	29.84 -1.77 0.00	31.10 -1.88 0.00	33.93 -1.67 0.00	42.28 -2.23 0.00	43.44 -4.30 0.00	41.03 -3.86 0.00	39.12 -3.77 0.00	48.28 -6.09 0.00	46.02 -6.38 0.30	46.99 -6.24 0.11	47.90 -6.16 0.00	50.40 -6.68 0.00	51.36 -6.66 -0.64	51.22 -6.09 -1.94	77.42 -8.14 0.11	74.46 -7.51 -2.03	60.53 -6.39 -3.00	53.06 -6.06 -0.28	51.37 -5.97 -2.03	51.65 -4.83 -0.98	51.97 -3.71 -0.24
HUNTLEY___64 23558	32.40 -2.18 0.00	30.81 -2.25 0.00	29.90 -1.77 0.00	29.84 -1.77 0.00	31.10 -1.88 0.00	33.93 -1.67 0.00	42.28 -2.23 0.00	43.44 -4.30 0.00	41.03 -3.86 0.00	39.12 -3.77 0.00	48.28 -6.09 0.00	46.02 -6.38 0.30	46.99 -6.24 0.11	47.90 -6.16 0.00	50.40 -6.68 0.00	51.36 -6.66 -0.64	51.22 -6.09 -1.94	77.42 -8.14 0.11	74.46 -7.51 -2.03	60.53 -6.39 -3.00	53.06 -6.06 -0.28	51.37 -5.97 -2.03	51.65 -4.83 -0.98	51.97 -3.71 -0.24
HUNTLEY___65 23559	32.40 -2.18 0.00	30.81 -2.25 0.00	29.90 -1.77 0.00	29.84 -1.77 0.00	31.10 -1.88 0.00	33.93 -1.67 0.00	42.28 -2.23 0.00	43.44 -4.30 0.00	41.03 -3.86 0.00	39.12 -3.77 0.00	48.28 -6.09 0.00	46.02 -6.38 0.30	46.99 -6.24 0.11	47.90 -6.16 0.00	50.40 -6.68 0.00	51.36 -6.66 -0.64	51.22 -6.09 -1.94	77.42 -8.14 0.11	74.46 -7.51 -2.03	60.53 -6.39 -3.00	53.06 -6.06 -0.28	51.37 -5.97 -2.03	51.65 -4.83 -0.98	51.97 -3.71 -0.24
HUNTLEY___66 23560	32.40 -2.18 0.00	30.81 -2.25 0.00	29.90 -1.77 0.00	29.84 -1.77 0.00	31.10 -1.88 0.00	33.93 -1.67 0.00	42.28 -2.23 0.00	43.44 -4.30 0.00	41.03 -3.86 0.00	39.12 -3.77 0.00	48.28 -6.09 0.00	46.02 -6.38 0.30	46.99 -6.24 0.11	47.90 -6.16 0.00	50.40 -6.68 0.00	51.36 -6.66 -0.64	51.22 -6.09 -1.94	77.42 -8.14 0.11	74.46 -7.51 -2.03	60.53 -6.39 -3.00	53.06 -6.06 -0.28	51.37 -5.97 -2.03	51.65 -4.83 -0.98	51.97 -3.71 -0.24

HUNTLEY___67 23561	32.22 -2.35 0.00	30.65 -2.41 0.00	29.74 -1.93 0.00	29.65 -1.96 0.00	30.94 -2.05 0.00	33.71 -1.89 0.00	41.97 -2.54 0.00	43.11 -4.63 0.00	40.67 -4.22 0.00	38.86 -4.03 0.00	47.90 -6.47 0.00	45.67 -6.69 0.33	46.66 -6.56 0.12	47.52 -6.54 0.00	50.06 -7.02 0.00	51.08 -6.94 -0.64	50.88 -6.42 -1.93	76.66 -8.82 0.19	73.87 -8.15 -2.08	60.13 -6.78 -2.98	52.34 -6.41 0.09	51.03 -6.31 -2.02	51.26 -5.22 -0.97	51.47 -4.21 -0.24
HUNTLEY___68 23562	32.22 -2.35 0.00	30.65 -2.41 0.00	29.74 -1.93 0.00	29.65 -1.96 0.00	30.94 -2.05 0.00	33.71 -1.89 0.00	41.97 -2.54 0.00	43.11 -4.63 0.00	40.67 -4.22 0.00	38.86 -4.03 0.00	47.90 -6.47 0.00	45.67 -6.69 0.33	46.66 -6.56 0.12	47.52 -6.54 0.00	50.06 -7.02 0.00	51.08 -6.94 -0.64	50.88 -6.42 -1.93	76.66 -8.82 0.19	73.87 -8.15 -2.08	60.13 -6.78 -2.98	52.34 -6.41 0.09	51.03 -6.31 -2.02	51.26 -5.22 -0.97	51.47 -4.21 -0.24
HYLAND___LFGE 323620	34.47 -0.10 0.00	32.96 -0.10 0.00	31.61 -0.06 0.00	31.58 -0.03 0.00	32.92 -0.07 0.00	35.99 0.39 0.00	45.22 0.71 0.00	48.03 0.29 0.00	44.71 -0.18 0.00	42.60 -0.30 0.00	50.41 -3.97 0.00	48.78 -4.37 -0.46	49.20 -4.11 0.03	49.85 -4.22 0.00	52.97 -4.11 0.00	54.57 -3.67 -0.87	55.50 -2.49 -2.61	86.03 -1.89 -2.25	80.83 -1.44 -2.33	66.71 -1.22 -4.00	60.95 -1.29 -3.40	55.98 -2.05 -2.71	55.14 -1.66 -1.30	54.49 -1.27 -0.32
INDECK___CORINTH 23802	37.06 2.49 0.00	35.71 2.65 0.00	34.02 2.34 0.00	33.98 2.37 0.00	35.52 2.54 0.00	38.48 2.88 0.00	48.43 3.92 0.00	51.84 4.11 0.00	49.33 3.95 -0.49	46.97 3.56 -0.51	60.31 4.35 -1.58	58.60 4.27 -1.64	59.10 4.27 -1.49	59.79 4.27 -1.45	64.28 4.57 -2.62	72.11 4.87 -9.86	80.51 4.99 -20.15	97.03 8.40 -2.95	139.99 8.07 -51.98	101.04 6.39 -30.72	97.23 5.83 -32.56	81.28 5.20 -20.76	70.54 5.05 -9.99	62.77 4.88 -2.45
INDECK___ILION 23567	34.82 0.24 0.00	33.26 0.20 0.00	31.90 0.22 0.00	31.83 0.22 0.00	33.25 0.26 0.00	35.92 0.32 0.00	44.95 0.45 0.00	48.21 0.48 0.00	45.30 0.40 0.00	43.33 0.43 0.00	54.86 0.49 0.00	53.17 0.47 0.00	53.82 0.48 0.00	54.55 0.49 0.00	57.60 0.51 0.00	57.89 0.52 0.00	56.04 0.66 0.00	86.87 1.20 0.00	81.14 1.20 0.00	64.88 0.96 0.00	59.73 0.88 0.00	56.10 0.77 0.00	56.33 0.83 0.00	56.27 0.83 0.00
INDECK___OLEAN 23982	34.06 -0.52 0.00	32.34 -0.73 0.00	31.23 -0.44 0.00	31.20 -0.41 0.00	32.59 -0.39 0.00	35.53 -0.07 0.00	44.29 -0.22 0.00	45.87 -1.86 0.00	43.41 -1.48 0.00	41.44 -1.46 0.00	50.89 -3.48 0.00	48.45 -4.06 0.18	49.24 -4.00 0.10	50.39 -3.68 0.00	53.14 -3.94 0.00	54.29 -3.90 -0.82	54.19 -3.66 -2.47	81.84 -4.11 -0.28	78.49 -3.92 -2.47	64.13 -3.58 -3.78	56.87 -3.41 -1.44	54.06 -3.82 -2.56	52.29 -4.44 -1.23	50.76 -4.99 -0.31
INDECK___OSWEGO 23783	34.93 -0.86 -1.22	33.38 -0.86 -1.18	32.02 -0.79 -1.14	31.96 -0.79 -1.14	33.12 -0.82 -0.95	34.82 -0.78 0.00	43.40 -1.11 0.00	46.45 -1.29 0.00	43.64 -1.26 0.00	41.70 -1.20 0.00	53.88 -2.23 -1.74	52.00 -2.21 -1.51	52.63 -2.24 -1.53	53.35 -2.27 -1.55	56.55 -2.34 -1.81	57.09 -2.35 -2.07	54.65 -1.99 -1.27	83.64 -2.74 -0.71	77.46 -2.48 0.00	63.79 -2.11 -1.97	58.99 -1.94 -2.09	54.61 -2.05 -1.33	54.20 -1.94 -0.64	53.66 -1.94 -0.16
INDECK___YERKES 23781	32.67 -1.90 0.00	31.01 -2.05 0.00	29.93 -1.74 0.00	29.87 -1.74 0.00	31.20 -1.78 0.00	33.96 -1.64 0.00	42.29 -2.22 0.00	43.54 -4.20 0.00	41.08 -3.82 0.00	39.21 -3.69 0.00	48.28 -6.09 0.00	46.02 -6.38 0.30	46.88 -6.35 0.11	47.95 -6.11 0.00	50.46 -6.62 0.00	51.42 -6.60 -0.64	51.28 -6.03 -1.94	77.59 -7.96 0.12	74.45 -7.52 -2.03	60.57 -6.33 -2.98	53.10 -6.00 -0.25	51.42 -5.92 -2.01	51.70 -4.77 -0.97	52.02 -3.66 -0.24
INDIAN POINT_GT_1 24139	36.51 1.94 0.00	34.78 1.72 0.00	33.16 1.49 0.00	33.10 1.49 0.00	34.60 1.62 0.00	37.38 1.78 0.00	47.09 2.58 0.00	50.65 2.91 0.00	50.35 2.96 -2.49	48.41 2.87 -2.63	66.23 3.75 -8.11	64.93 3.85 -8.39	64.84 3.89 -7.61	65.46 3.95 -7.44	74.74 4.22 -13.43	82.30 4.42 -20.51	74.68 4.54 -14.77	95.29 7.45 -2.17	98.67 6.63 -12.10	91.70 5.24 -22.54	87.49 4.83 -23.83	74.81 4.26 -15.23	66.99 4.16 -7.33	61.06 3.83 -1.79
INDIAN POINT_GT_2 23659	36.51 1.94 0.00	34.78 1.72 0.00	33.16 1.49 0.00	33.10 1.49 0.00	34.60 1.62 0.00	37.38 1.78 0.00	47.09 2.58 0.00	50.65 2.91 0.00	50.35 2.96 -2.49	48.41 2.87 -2.63	66.23 3.75 -8.11	64.93 3.85 -8.39	64.84 3.89 -7.61	65.46 3.95 -7.44	74.74 4.22 -13.43	82.30 4.42 -20.51	74.68 4.54 -14.77	95.29 7.45 -2.17	98.67 6.63 -12.10	91.70 5.24 -22.54	87.49 4.83 -23.83	74.81 4.26 -15.23	66.99 4.16 -7.33	61.06 3.83 -1.79
INDIAN POINT_GT_3 24019	36.51 1.94 0.00	34.78 1.72 0.00	33.16 1.49 0.00	33.10 1.49 0.00	34.60 1.62 0.00	37.38 1.78 0.00	47.09 2.58 0.00	50.65 2.91 0.00	50.35 2.96 -2.49	48.41 2.87 -2.63	66.23 3.75 -8.11	64.93 3.85 -8.39	64.84 3.89 -7.61	65.46 3.95 -7.44	74.74 4.22 -13.43	82.30 4.42 -20.51	74.68 4.54 -14.77	95.29 7.45 -2.17	98.67 6.63 -12.10	91.70 5.24 -22.54	87.49 4.83 -23.83	74.81 4.26 -15.23	66.99 4.16 -7.33	61.06 3.83 -1.79
INDIAN POINT___2 23530	36.37 1.80 0.00	34.62 1.55 0.00	33.07 1.39 0.00	33.03 1.42 0.00	34.50 1.52 0.00	37.31 1.71 0.00	46.96 2.45 0.00	50.51 2.77 0.00	50.64 2.78 -2.97	48.78 2.75 -3.13	67.72 3.70 -9.64	66.36 3.69 -9.98	66.18 3.79 -9.05	66.70 3.78 -8.85	77.17 4.11 -15.98	84.95 4.25 -23.33	74.31 4.37 -14.56	95.00 7.20 -2.14	98.27 6.40 -11.93	91.15 5.05 -22.18	86.88 4.59 -23.45	74.40 4.09 -14.99	66.71 4.00 -7.21	60.87 3.66 -1.77
INDIAN POINT___3 23531	36.48 1.90 0.00	34.75 1.69 0.00	33.13 1.46 0.00	33.07 1.45 0.00	34.54 1.55 0.00	37.34 1.74 0.00	47.00 2.49 0.00	50.55 2.82 0.00	50.24 2.83 -2.52	48.31 2.75 -2.67	66.28 3.70 -8.20	64.93 3.74 -8.49	64.83 3.79 -7.70	65.44 3.84 -7.53	74.79 4.11 -13.59	82.38 4.30 -20.70	74.53 4.37 -14.78	95.04 7.20 -2.17	98.44 6.40 -12.11	91.53 5.05 -22.56	87.34 4.65 -23.84	74.66 4.09 -15.24	66.88 4.05 -7.33	60.95 3.71 -1.80
INGHAM_C_115KV_TB7 356103	34.82 0.24 0.00	33.26 0.20 0.00	31.90 0.22 0.00	31.86 0.25 0.00	33.28 0.30 0.00	35.99 0.39 0.00	45.00 0.49 0.00	48.31 0.57 0.00	45.34 0.45 0.00	43.33 0.43 0.00	54.86 0.49 0.00	53.12 0.42 0.00	53.77 0.43 0.00	54.50 0.43 0.00	57.54 0.46 0.00	57.84 0.46 0.00	56.04 0.66 0.00	86.96 1.29 0.00	81.22 1.28 0.00	64.95 1.02 0.00	59.84 1.00 0.00	56.26 0.94 0.00	56.55 1.05 0.00	56.55 1.11 0.00
IP CORINTH___1 23988	37.10 2.52 0.00	35.71 2.65 0.00	34.02 2.34 0.00	33.98 2.37 0.00	35.56 2.57 0.00	38.48 2.88 0.00	48.43 3.92 0.00	51.84 4.11 0.00	49.33 3.95 -0.49	46.97 3.56 -0.51	60.42 4.46 -1.58	58.60 4.27 -1.64	59.09 4.27 -1.49	59.79 4.27 -1.45	64.28 4.57 -2.62	72.11 4.88 -9.86	80.51 4.98 -20.15	97.02 8.40 -2.96	140.00 8.07 -51.98	101.06 6.39 -30.75	97.25 5.83 -32.59	81.30 5.20 -20.78	70.55 5.05 -10.00	62.77 4.88 -2.45

IP___TICONDEROGA 23804	38.03 3.46 0.00	36.80 3.74 0.00	34.90 3.23 0.00	34.87 3.26 0.00	36.55 3.56 0.00	39.69 4.09 0.00	50.03 5.52 0.00	53.56 5.82 0.00	50.95 5.57 -0.49	48.43 5.02 -0.52	62.06 6.09 -1.59	60.19 5.85 -1.65	60.70 5.87 -1.50	61.42 5.89 -1.46	66.00 6.28 -2.64	74.13 6.89 -9.87	82.53 7.03 -20.13	100.62 11.99 -2.95	143.05 11.51 -51.60	103.71 9.08 -30.71	99.75 8.36 -32.55	83.49 7.41 -20.75	72.59 7.10 -9.98	64.82 6.93 -2.45
ISLIP_RES_REC 323679	37.96 3.39 0.00	35.74 2.68 0.00	34.11 2.44 0.00	33.89 2.28 0.00	35.85 2.87 0.00	38.84 3.24 0.00	49.14 4.63 0.00	52.66 4.92 0.00	51.79 4.58 -2.31	49.16 3.82 -2.44	67.11 5.22 -7.52	65.59 5.11 -7.78	65.63 5.23 -7.06	66.49 5.52 -6.90	75.66 6.11 -12.46	83.75 6.88 -19.49	91.65 7.81 -28.46	111.30 12.68 -12.96	104.03 11.51 -12.58	95.69 9.02 -22.75	91.07 8.18 -24.05	87.26 7.25 -24.69	70.00 7.11 -7.39	63.35 6.10 -1.81
JAMAICA__27_KV_LOAD 355505	36.79 2.21 0.00	35.08 2.02 0.00	33.32 1.65 0.00	33.25 1.64 0.00	34.77 1.78 0.00	37.70 2.10 0.00	47.71 3.20 0.00	51.56 3.82 0.00	51.07 3.86 -2.32	49.16 3.82 -2.45	66.48 4.57 -7.54	65.13 4.64 -7.80	65.11 4.69 -7.07	65.69 4.70 -6.92	74.65 5.08 -12.49	82.18 5.28 -19.53	75.94 5.65 -14.92	97.11 9.25 -2.19	100.31 8.15 -12.22	93.09 6.39 -22.77	88.80 5.88 -24.07	75.85 5.14 -15.39	67.90 5.00 -7.40	61.80 4.55 -1.81
JANIS___SOLAR 323808	35.96 1.38 0.00	34.19 1.12 0.00	32.81 1.14 0.00	32.75 1.14 0.00	34.24 1.25 0.00	37.31 1.71 0.00	46.91 2.40 0.00	56.71 8.97 0.00	51.89 7.54 0.55	49.01 6.69 0.58	59.01 6.41 1.78	56.79 5.95 1.86	57.58 5.92 1.68	58.54 6.11 1.63	60.99 6.85 2.94	63.85 7.57 1.10	72.51 10.13 -7.00	92.19 5.83 -0.69	90.37 5.59 -4.84	75.20 4.15 -7.12	69.80 3.65 -7.30	62.84 2.71 -4.81	60.37 2.55 -2.32	58.45 2.44 -0.57
JARVIS____ 23743	34.71 0.14 0.00	33.16 0.10 0.00	31.80 0.13 0.00	31.74 0.13 0.00	33.12 0.13 0.00	35.74 0.14 0.00	44.69 0.18 0.00	47.93 0.19 0.00	45.12 0.23 0.00	43.11 0.22 0.00	54.70 0.33 0.00	53.01 0.32 0.00	53.66 0.32 0.00	54.39 0.33 0.00	57.43 0.34 0.00	57.72 0.35 0.00	55.77 0.39 0.00	86.44 0.77 0.00	80.66 0.72 0.00	64.43 0.51 0.00	59.31 0.47 0.00	55.76 0.44 0.00	55.94 0.44 0.00	55.88 0.44 0.00
JENNISON___1 23625	36.27 1.69 0.00	34.42 1.36 0.00	33.07 1.39 0.00	33.00 1.39 0.00	34.50 1.52 0.00	37.45 1.85 0.00	47.09 2.58 0.00	51.99 4.25 0.00	48.07 3.73 0.55	45.79 3.47 0.58	56.02 3.43 1.78	54.00 3.16 1.86	54.81 3.15 1.68	55.68 3.24 1.63	57.68 3.54 2.94	60.06 3.79 1.10	67.36 4.98 -7.00	93.22 6.51 -1.04	93.43 6.16 -7.34	79.23 4.60 -10.70	73.91 4.06 -11.00	65.81 3.26 -7.23	62.14 3.16 -3.48	59.16 2.94 -0.78
JENNISON___2 23626	36.27 1.69 0.00	34.42 1.36 0.00	33.07 1.39 0.00	33.00 1.39 0.00	34.50 1.52 0.00	37.45 1.85 0.00	47.09 2.58 0.00	51.99 4.25 0.00	48.07 3.73 0.55	45.79 3.47 0.58	56.02 3.43 1.78	54.00 3.16 1.86	54.81 3.15 1.68	55.68 3.24 1.63	57.68 3.54 2.94	60.06 3.79 1.10	67.36 4.98 -7.00	93.22 6.51 -1.04	93.43 6.16 -7.34	79.23 4.60 -10.70	73.91 4.06 -11.00	65.81 3.26 -7.23	62.14 3.16 -3.48	59.16 2.94 -0.78
JERICHO_RISE_WT_PWR 323719	-10.00 -1.56 43.02	-10.00 -1.49 41.58	-9.97 -1.46 40.19	-10.00 -1.49 40.12	-2.31 -1.58 33.71	33.82 -1.78 0.00	42.24 -2.27 0.00	45.69 -2.05 0.00	42.83 -2.06 0.00	40.80 -2.10 0.00	-10.00 -2.77 61.60	-3.52 -2.69 53.53	-3.58 -2.78 54.14	-3.68 -2.81 54.94	-10.00 -3.14 63.95	-3.95 -3.16 58.18	52.28 -3.10 0.00	62.12 -5.05 18.50	75.62 -4.32 0.00	61.11 -2.81 0.00	56.55 -2.30 0.00	52.89 -2.43 0.00	53.00 -2.50 0.00	53.28 -2.16 0.00
KATONAH___115KV_46KV_TB4 355592	36.89 2.32 0.00	35.15 2.08 0.00	33.48 1.81 0.00	33.38 1.77 0.00	34.96 1.98 0.00	37.81 2.21 0.00	47.71 3.20 0.00	51.27 3.53 0.00	50.21 3.55 -1.77	48.19 3.43 -1.87	64.52 4.40 -5.74	63.01 4.37 -5.94	63.16 4.43 -5.39	63.83 4.49 -5.27	71.39 4.80 -9.51	78.63 5.05 -16.20	75.62 5.15 -15.10	96.37 8.48 -2.22	100.18 7.83 -12.40	93.10 6.14 -23.04	88.91 5.71 -24.36	75.87 4.98 -15.57	67.82 4.83 -7.49	61.77 4.49 -1.84
KCE_NY_1 323755	36.79 2.21 0.00	35.34 2.28 0.00	33.73 2.06 0.00	33.70 2.09 0.00	35.20 2.21 0.00	38.09 2.49 0.00	47.85 3.34 0.00	51.27 3.53 0.00	48.76 3.37 -0.50	46.47 3.05 -0.53	59.86 3.86 -1.63	58.18 3.80 -1.68	58.71 3.84 -1.53	59.46 3.90 -1.49	63.95 4.17 -2.70	71.77 4.48 -9.91	79.91 4.48 -20.05	96.06 7.45 -2.94	137.32 7.11 -50.27	100.12 5.63 -30.57	96.42 5.18 -32.40	80.68 4.70 -20.66	70.04 4.60 -9.94	62.37 4.49 -2.44
KCE_NY_6_ESR 323823	32.98 -1.59 0.00	31.28 -1.79 0.00	30.19 -1.49 0.00	30.13 -1.49 0.00	31.47 -1.52 0.00	34.28 -1.32 0.00	42.73 -1.78 0.00	44.01 -3.72 0.00	41.57 -3.32 0.00	39.64 -3.26 0.00	48.77 -5.60 0.00	46.47 -5.90 0.33	47.41 -5.81 0.11	48.50 -5.57 0.00	51.03 -6.05 0.00	52.04 -6.02 -0.69	51.97 -5.48 -2.08	78.36 -7.11 0.20	75.56 -6.55 -2.17	61.49 -5.63 -3.19	53.97 -5.30 -0.42	52.17 -5.31 -2.16	51.99 -4.55 -1.04	51.82 -3.88 -0.26
KEDC_PORT_JEFF_GT2 24210	37.79 3.22 0.00	35.61 2.55 0.00	33.96 2.28 0.00	33.76 2.15 0.00	35.69 2.71 0.00	38.66 3.06 0.00	48.87 4.36 0.00	52.32 4.58 0.00	51.52 4.31 -2.31	48.98 3.64 -2.44	66.84 4.95 -7.52	65.38 4.90 -7.78	65.41 5.01 -7.06	66.21 5.24 -6.90	75.37 5.83 -12.46	83.47 6.60 -19.49	91.20 7.37 -28.46	110.62 11.99 -12.96	103.38 10.87 -12.58	95.18 8.50 -22.75	90.66 7.77 -24.05	86.93 6.91 -24.69	69.66 6.77 -7.39	63.07 5.82 -1.81
KEDC_PORT_JEFF_GT3 24211	37.79 3.22 0.00	35.61 2.55 0.00	33.96 2.28 0.00	33.76 2.15 0.00	35.69 2.71 0.00	38.66 3.06 0.00	48.87 4.36 0.00	52.32 4.58 0.00	51.52 4.31 -2.31	48.98 3.64 -2.44	66.84 4.95 -7.52	65.38 4.90 -7.78	65.41 5.01 -7.06	66.21 5.24 -6.90	75.37 5.83 -12.46	83.47 6.60 -19.49	91.20 7.37 -28.46	110.62 11.99 -12.96	103.38 10.87 -12.58	95.18 8.50 -22.75	90.66 7.77 -24.05	86.93 6.91 -24.69	69.66 6.77 -7.39	63.07 5.82 -1.81
KEDC_GLWD_GT4 24219	37.06 2.49 0.00	35.15 2.08 0.00	33.54 1.87 0.00	33.41 1.80 0.00	35.06 2.08 0.00	37.95 2.35 0.00	47.89 3.38 0.00	51.36 3.63 0.00	50.80 3.59 -2.31	48.69 3.35 -2.44	66.46 4.57 -7.52	65.01 4.53 -7.78	64.99 4.59 -7.06	65.67 4.70 -6.90	74.74 5.19 -12.46	82.38 5.51 -19.49	89.60 5.76 -28.46	107.97 9.34 -12.96	100.91 8.39 -12.58	93.32 6.65 -22.75	88.96 6.06 -24.05	85.44 5.42 -24.69	68.22 5.33 -7.39	61.96 4.71 -1.81
KEDC_GLWD_GT5 24220	37.06 2.49 0.00	35.15 2.08 0.00	33.54 1.87 0.00	33.41 1.80 0.00	35.06 2.08 0.00	37.95 2.35 0.00	47.89 3.38 0.00	51.36 3.63 0.00	50.80 3.59 -2.31	48.69 3.35 -2.44	66.46 4.57 -7.52	65.01 4.53 -7.78	64.99 4.59 -7.06	65.67 4.70 -6.90	74.74 5.19 -12.46	82.38 5.51 -19.49	89.60 5.76 -28.46	107.97 9.34 -12.96	100.91 8.39 -12.58	93.32 6.65 -22.75	88.96 6.06 -24.05	85.44 5.42 -24.69	68.22 5.33 -7.39	61.96 4.71 -1.81

KENSICO____ 23655	36.65 2.07 0.00	34.91 1.85 0.00	33.26 1.58 0.00	33.19 1.58 0.00	34.70 1.72 0.00	37.52 1.92 0.00	47.27 2.76 0.00	50.89 3.15 0.00	50.42 3.14 -2.38	48.46 3.05 -2.52	66.15 4.02 -7.76	64.78 4.06 -8.03	64.73 4.11 -7.28	65.35 4.16 -7.12	74.39 4.45 -12.85	82.00 4.70 -19.92	75.03 4.76 -14.89	95.65 7.80 -2.19	99.16 7.03 -12.19	92.21 5.56 -22.72	87.93 5.06 -24.02	75.16 4.48 -15.36	67.27 4.38 -7.39	61.30 4.05 -1.81
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.92 2.35 0.00	35.25 2.18 0.00	33.51 1.84 0.00	33.44 1.83 0.00	35.06 2.08 0.00	37.91 2.31 0.00	47.98 3.47 0.00	51.56 3.82 0.00	47.86 3.68 0.71	45.36 3.22 0.75	56.03 3.97 2.31	54.35 4.06 2.40	55.33 4.16 2.17	56.27 4.33 2.12	58.05 4.80 3.83	63.15 5.51 -0.26	75.44 5.93 -14.14	97.69 9.94 -2.08	102.12 9.11 -13.07	92.66 7.16 -21.57	88.29 6.65 -22.80	75.76 5.86 -14.58	68.23 5.72 -7.01	62.42 5.27 -1.72
KIAC_JFK_GT1 23816	36.68 2.11 0.00	34.95 1.88 0.00	33.23 1.55 0.00	33.16 1.55 0.00	34.67 1.68 0.00	37.59 1.99 0.00	47.54 3.03 0.00	51.37 3.63 0.00	50.89 3.68 -2.32	48.99 3.65 -2.45	66.32 4.40 -7.54	64.97 4.48 -7.80	64.95 4.53 -7.07	65.53 4.54 -6.92	74.42 4.85 -12.49	81.95 5.05 -19.53	75.72 5.43 -14.92	96.77 8.91 -2.19	99.99 7.83 -12.22	92.83 6.14 -22.77	88.56 5.65 -24.07	75.63 4.92 -15.39	67.68 4.77 -7.40	61.63 4.38 -1.81
KIAC_JFK_GT2 23817	36.68 2.11 0.00	34.95 1.88 0.00	33.23 1.55 0.00	33.16 1.55 0.00	34.67 1.68 0.00	37.59 1.99 0.00	47.54 3.03 0.00	51.37 3.63 0.00	50.89 3.68 -2.32	48.99 3.65 -2.45	66.32 4.40 -7.54	64.97 4.48 -7.80	64.95 4.53 -7.07	65.53 4.54 -6.92	74.42 4.85 -12.49	81.95 5.05 -19.53	75.72 5.43 -14.92	96.77 8.91 -2.19	99.99 7.83 -12.22	92.83 6.14 -22.77	88.56 5.65 -24.07	75.63 4.92 -15.39	67.68 4.77 -7.40	61.63 4.38 -1.81
KIAC_JFK____ 323774	36.61 2.04 0.00	34.85 1.78 0.00	33.23 1.55 0.00	33.16 1.55 0.00	34.63 1.65 0.00	37.59 1.99 0.00	47.54 3.03 0.00	51.32 3.58 0.00	50.89 3.68 -2.32	48.99 3.64 -2.45	66.37 4.46 -7.54	64.97 4.48 -7.80	64.95 4.53 -7.07	65.53 4.54 -6.92	74.54 4.96 -12.49	81.95 5.05 -19.53	75.73 5.43 -14.92	96.77 8.91 -2.19	99.99 7.84 -12.22	92.79 6.14 -22.73	88.53 5.65 -24.03	75.60 4.92 -15.36	67.66 4.77 -7.39	61.63 4.38 -1.81
KINTIGH____ 23543	32.05 -2.52 0.00	30.55 -2.51 0.00	29.55 -2.12 0.00	29.49 -2.12 0.00	30.74 -2.24 0.00	33.46 -2.14 0.00	41.66 -2.85 0.00	43.20 -4.54 0.00	40.67 -4.22 0.00	38.91 -3.99 0.00	48.23 -6.14 0.00	46.38 -6.32 -0.01	47.21 -6.19 -0.06	47.80 -6.27 0.00	50.46 -6.62 0.00	51.62 -6.54 -0.78	51.72 -6.04 -2.38	77.15 -8.57 -0.04	73.77 -7.91 -1.74	61.10 -6.46 -3.64	58.05 -6.18 -5.38	51.86 -5.92 -2.46	52.02 -4.66 -1.18	52.29 -3.44 -0.29
KNTFSRNC_46_KV_46KV_LOAD 80397	-7.12 -1.00 40.69	-7.18 -0.93 39.32	-7.29 -0.95 38.01	-7.32 -0.98 37.95	0.04 -1.06 31.89	34.35 -1.25 0.00	42.86 -1.65 0.00	46.35 -1.38 0.00	43.46 -1.44 0.00	41.31 -1.59 0.00	-6.01 -2.12 58.26	0.01 -2.06 50.63	0.00 -2.13 51.21	0.00 -2.11 51.96	-5.79 -2.40 60.48	0.00 -2.35 55.02	53.22 -2.16 0.00	64.66 -3.51 17.50	76.98 -2.96 0.00	62.45 -1.47 0.00	57.84 -1.00 0.00	53.83 -1.49 0.00	53.84 -1.67 0.00	54.16 -1.28 0.00
LACHUTE____HYDRO 323717	38.03 3.46 0.00	36.77 3.70 0.00	34.91 3.23 0.00	34.87 3.26 0.00	36.55 3.56 0.00	39.69 4.09 0.00	50.03 5.52 0.00	53.56 5.82 0.00	50.95 5.57 -0.49	48.43 5.02 -0.52	61.89 5.93 -1.59	60.19 5.85 -1.65	60.70 5.87 -1.50	61.42 5.89 -1.46	66.00 6.28 -2.64	74.13 6.88 -9.87	82.53 7.03 -20.13	100.53 11.90 -2.95	143.05 11.51 -51.60	103.69 9.07 -30.69	99.72 8.35 -32.52	83.47 7.42 -20.74	72.58 7.11 -9.98	64.82 6.93 -2.45
LAWRNCALV_115KV_TB1 80681	59.96 -1.49 -26.88	57.32 -1.72 -25.98	55.14 -1.65 -25.11	54.97 -1.71 -25.07	52.33 -1.72 -21.06	32.68 -2.92 0.00	40.77 -3.74 0.00	44.63 -3.10 0.00	41.48 -3.41 0.00	39.98 -2.92 0.00	88.51 -4.35 -38.49	81.82 -4.32 -33.45	82.74 -4.43 -33.83	83.96 -4.43 -34.32	92.36 -4.68 -39.95	89.18 -4.70 -36.51	51.59 -4.26 -0.48	91.90 -5.40 -11.63	75.54 -4.40 0.00	61.02 -3.64 -0.73	56.27 -3.35 -0.78	51.67 -4.15 -0.50	52.74 -3.00 -0.24	53.67 -1.83 -0.06
LEDERLE____ 23769	36.48 1.90 0.00	34.75 1.69 0.00	33.13 1.46 0.00	33.07 1.45 0.00	34.57 1.58 0.00	37.34 1.74 0.00	47.05 2.54 0.00	50.60 2.86 0.00	43.81 2.83 3.91	41.47 2.70 4.13	45.25 3.59 12.71	43.22 3.69 13.16	45.15 3.73 11.93	46.18 3.78 11.67	40.09 4.05 21.05	42.10 4.36 19.64	74.17 4.43 -14.36	95.06 7.28 -2.11	98.19 6.47 -11.78	91.02 5.18 -21.91	86.72 4.71 -23.16	74.33 4.20 -14.81	66.73 4.11 -7.12	60.90 3.71 -1.75
LIGHTHSE_115KV_TB6 355974	36.87 -0.59 -2.88	35.15 -0.69 -2.78	33.76 -0.60 -2.69	33.70 -0.60 -2.69	34.62 -0.63 -2.26	35.07 -0.53 0.00	43.75 -0.76 0.00	47.07 -0.67 0.00	44.09 -0.81 0.00	42.21 -0.69 0.00	57.09 -1.41 -4.13	54.80 -1.48 -3.59	55.47 -1.49 -3.63	56.29 -1.46 -3.68	59.88 -1.48 -4.28	60.23 -1.43 -4.28	55.54 -1.00 -1.16	86.14 -0.94 -1.41	79.22 -0.72 0.00	64.93 -0.77 -1.78	60.02 -0.71 -1.88	55.47 -1.05 -1.20	55.08 -1.00 -0.58	54.59 -1.00 -0.14
LINDEN COGEN____ 23786	36.61 2.04 0.00	34.85 1.78 0.00	33.23 1.55 0.00	33.19 1.58 0.00	34.63 1.65 0.00	37.52 1.92 0.00	47.36 2.85 0.00	51.03 3.29 0.00	50.58 3.37 -2.32	48.69 3.35 -2.45	66.04 4.13 -7.54	64.61 4.11 -7.80	64.63 4.21 -7.07	65.21 4.22 -6.92	74.14 4.57 -12.49	81.61 4.71 -19.53	75.22 4.93 -14.92	95.91 8.05 -2.19	99.27 7.11 -12.22	92.22 5.56 -22.73	87.94 5.06 -24.03	75.16 4.48 -15.36	67.06 4.16 -7.39	61.13 3.88 -1.81
LINDHRST_69_KV_BK1 356055	37.75 3.18 0.00	35.67 2.61 0.00	33.92 2.25 0.00	33.73 2.12 0.00	35.66 2.67 0.00	38.59 2.99 0.00	48.69 4.18 0.00	52.32 4.58 0.00	51.47 4.26 -2.31	48.99 3.65 -2.44	66.79 4.89 -7.52	65.38 4.90 -7.78	65.36 4.96 -7.06	66.22 5.24 -6.90	75.20 5.65 -12.46	83.30 6.43 -19.49	90.82 6.98 -28.46	109.85 11.22 -12.96	102.75 10.23 -12.58	94.77 8.05 -22.79	90.35 7.41 -24.09	86.62 6.58 -24.72	69.56 6.66 -7.40	62.96 5.71 -1.81
LIPA_MISC_IPP 23656	37.79 3.22 0.00	35.64 2.58 0.00	33.92 2.25 0.00	33.70 2.09 0.00	35.66 2.67 0.00	38.59 2.99 0.00	48.78 4.27 0.00	52.42 4.68 0.00	51.47 4.26 -2.31	48.82 3.47 -2.44	66.52 4.62 -7.52	65.11 4.64 -7.78	65.09 4.69 -7.06	65.89 4.92 -6.90	74.80 5.25 -12.46	83.12 6.25 -19.49	90.98 7.14 -28.46	110.20 11.57 -12.96	102.99 10.47 -12.58	94.96 8.25 -22.79	90.47 7.53 -24.09	86.73 6.69 -24.72	69.40 6.49 -7.40	62.80 5.54 -1.81
LISF____SOLAR 323691	37.79 3.22 0.00	35.61 2.55 0.00	33.96 2.28 0.00	33.73 2.12 0.00	35.72 2.74 0.00	38.66 3.06 0.00	48.92 4.41 0.00	52.37 4.63 0.00	51.52 4.31 -2.31	48.86 3.52 -2.44	66.68 4.79 -7.52	65.16 4.69 -7.78	65.20 4.80 -7.06	66.00 5.03 -6.90	75.02 5.48 -12.46	83.24 6.37 -19.49	91.15 7.31 -28.46	110.62 11.99 -12.96	103.38 10.87 -12.58	95.11 8.44 -22.75	90.60 7.71 -24.05	86.82 6.80 -24.69	69.49 6.60 -7.39	62.91 5.66 -1.81

LITTLE FALLS___HYD 24013	34.82 0.24 0.00	33.26 0.20 0.00	31.90 0.22 0.00	31.86 0.25 0.00	33.28 0.30 0.00	35.99 0.39 0.00	45.00 0.49 0.00	48.31 0.57 0.00	45.34 0.45 0.00	43.33 0.43 0.00	54.86 0.49 0.00	53.12 0.42 0.00	53.77 0.43 0.00	54.50 0.43 0.00	57.54 0.46 0.00	57.84 0.46 0.00	56.04 0.66 0.00	86.96 1.29 0.00	81.22 1.28 0.00	64.95 1.02 0.00	59.84 1.00 0.00	56.26 0.94 0.00	56.55 1.05 0.00	56.55 1.11 0.00
LITTLRIV_115KV_TB1 356100	60.66 -0.80 -26.88	57.85 -1.19 -25.98	55.67 -1.11 -25.11	55.51 -1.17 -25.07	52.90 -1.15 -21.06	33.39 -2.21 0.00	41.75 -2.76 0.00	45.83 -1.91 0.00	42.47 -2.42 0.00	40.92 -1.97 0.00	89.49 -3.37 -38.49	82.77 -3.37 -33.45	83.70 -3.47 -33.83	84.98 -3.41 -34.32	93.44 -3.60 -39.95	90.27 -3.61 -36.51	52.87 -2.99 -0.48	94.30 -3.00 -11.63	77.86 -2.08 0.00	62.74 -1.92 -0.73	57.80 -1.82 -0.78	52.88 -2.93 -0.50	53.91 -1.83 -0.24	54.78 -0.72 -0.06
LI_NEWBRDGE___DRP 323616	37.10 2.52 0.00	35.11 2.05 0.00	33.38 1.71 0.00	33.22 1.61 0.00	35.03 2.05 0.00	37.91 2.31 0.00	47.80 3.29 0.00	51.37 3.63 0.00	50.62 3.41 -2.31	48.34 3.00 -2.44	65.97 4.08 -7.52	64.59 4.11 -7.78	64.56 4.16 -7.06	65.35 4.38 -6.90	74.22 4.68 -12.46	82.26 5.39 -19.49	89.49 5.65 -28.46	107.80 9.17 -12.96	100.83 8.31 -12.58	93.23 6.52 -22.79	88.88 5.94 -24.09	85.35 5.31 -24.72	68.34 5.44 -7.40	61.91 4.66 -1.81
LOCKPORT_115KV_TB60_63_64 80432	32.22 -2.35 0.00	30.65 -2.41 0.00	29.74 -1.93 0.00	29.65 -1.96 0.00	30.91 -2.08 0.00	33.75 -1.85 0.00	42.02 -2.49 0.00	43.25 -4.49 0.00	40.76 -4.13 0.00	38.91 -3.99 0.00	47.96 -6.42 0.00	45.70 -6.74 0.25	46.74 -6.51 0.10	47.58 -6.49 0.00	50.06 -7.02 0.00	51.06 -6.94 -0.63	50.98 -6.31 -1.92	77.22 -8.40 0.06	73.96 -7.91 -1.93	60.27 -6.65 -2.99	53.37 -6.30 -0.82	51.09 -6.25 -2.02	51.43 -5.05 -0.98	51.80 -3.88 -0.24
LOCKPORT___CC1 323769	32.43 -2.14 0.00	30.81 -2.25 0.00	29.71 -1.96 0.00	29.65 -1.96 0.00	30.94 -2.05 0.00	33.71 -1.89 0.00	41.93 -2.58 0.00	43.15 -4.58 0.00	40.67 -4.22 0.00	38.86 -4.03 0.00	47.79 -6.58 0.00	45.63 -6.80 0.27	46.46 -6.78 0.10	47.47 -6.60 0.00	50.00 -7.08 0.00	51.00 -7.00 -0.63	50.87 -6.42 -1.92	77.01 -8.57 0.09	73.73 -8.15 -1.95	60.10 -6.78 -2.95	53.07 -6.41 -0.64	51.01 -6.31 -2.00	51.30 -5.16 -0.96	51.69 -3.99 -0.24
LOCKPORT___CC2 323770	32.43 -2.14 0.00	30.81 -2.25 0.00	29.71 -1.96 0.00	29.65 -1.96 0.00	30.94 -2.05 0.00	33.71 -1.89 0.00	41.93 -2.58 0.00	43.15 -4.58 0.00	40.67 -4.22 0.00	38.86 -4.03 0.00	47.79 -6.58 0.00	45.63 -6.80 0.27	46.46 -6.78 0.10	47.47 -6.60 0.00	50.00 -7.08 0.00	51.00 -7.00 -0.63	50.87 -6.42 -1.92	77.01 -8.57 0.09	73.73 -8.15 -1.95	60.10 -6.78 -2.95	53.07 -6.41 -0.64	51.01 -6.31 -2.00	51.30 -5.16 -0.96	51.69 -3.99 -0.24
LOCKPORT___CC3 323771	32.43 -2.14 0.00	30.81 -2.25 0.00	29.71 -1.96 0.00	29.65 -1.96 0.00	30.94 -2.05 0.00	33.71 -1.89 0.00	41.93 -2.58 0.00	43.15 -4.58 0.00	40.67 -4.22 0.00	38.86 -4.03 0.00	47.79 -6.58 0.00	45.63 -6.80 0.27	46.46 -6.78 0.10	47.47 -6.60 0.00	50.00 -7.08 0.00	51.00 -7.00 -0.63	50.87 -6.42 -1.92	77.01 -8.57 0.09	73.73 -8.15 -1.95	60.10 -6.78 -2.95	53.07 -6.41 -0.64	51.01 -6.31 -2.00	51.30 -5.16 -0.96	51.69 -3.99 -0.24
LONG_LAKE_PHOENIX 24014	33.74 -0.83 0.00	32.24 -0.83 0.00	30.95 -0.73 0.00	30.88 -0.73 0.00	32.23 -0.76 0.00	34.92 -0.68 0.00	43.57 -0.93 0.00	46.64 -1.10 0.00	43.82 -1.08 0.00	41.87 -1.03 0.00	52.63 -1.74 0.00	51.01 -1.69 0.00	51.63 -1.71 0.00	52.34 -1.73 0.00	55.32 -1.77 0.00	56.08 -1.72 -0.43	55.23 -1.44 -1.29	84.15 -1.71 -0.19	78.34 -1.60 0.00	64.55 -1.34 -1.97	59.64 -1.29 -2.09	55.21 -1.44 -1.33	54.75 -1.39 -0.64	54.21 -1.39 -0.16
LOVETT___3 23632	36.34 1.76 0.00	34.62 1.55 0.00	33.00 1.33 0.00	32.94 1.33 0.00	34.44 1.45 0.00	37.17 1.57 0.00	46.82 2.31 0.00	50.32 2.58 0.00	43.51 2.60 3.99	41.17 2.49 4.22	44.76 3.37 12.98	42.73 3.48 13.44	44.68 3.52 12.19	45.72 3.57 11.92	39.35 3.77 21.50	41.27 4.02 20.12	73.90 4.10 -14.42	94.47 6.68 -2.12	97.68 5.92 -11.83	90.67 4.73 -22.01	86.41 4.30 -23.27	74.01 3.82 -14.87	66.37 3.72 -7.16	60.57 3.38 -1.75
LOVETT___4 23642	36.34 1.76 0.00	34.62 1.55 0.00	33.00 1.33 0.00	32.94 1.33 0.00	34.44 1.45 0.00	37.17 1.57 0.00	46.82 2.31 0.00	50.32 2.58 0.00	43.51 2.60 3.99	41.17 2.49 4.22	44.76 3.37 12.98	42.73 3.48 13.44	44.68 3.52 12.19	45.72 3.57 11.92	39.35 3.77 21.50	41.27 4.02 20.12	73.90 4.10 -14.42	94.47 6.68 -2.12	97.68 5.92 -11.83	90.67 4.73 -22.01	86.41 4.30 -23.27	74.01 3.82 -14.87	66.37 3.72 -7.16	60.57 3.38 -1.75
LOVETT___5 23593	36.34 1.76 0.00	34.62 1.55 0.00	33.00 1.33 0.00	32.94 1.33 0.00	34.44 1.45 0.00	37.17 1.57 0.00	46.82 2.31 0.00	50.32 2.58 0.00	43.51 2.60 3.99	41.17 2.49 4.22	44.76 3.37 12.98	42.73 3.48 13.44	44.68 3.52 12.19	45.72 3.57 11.92	39.35 3.77 21.50	41.27 4.02 20.12	73.90 4.10 -14.42	94.47 6.68 -2.12	97.68 5.92 -11.83	90.67 4.73 -22.01	86.41 4.30 -23.27	74.01 3.82 -14.87	66.37 3.72 -7.16	60.57 3.38 -1.75
LOWER RAQUET___HYD 24057	59.97 -1.49 -26.88	57.32 -1.72 -25.98	55.13 -1.65 -25.11	55.00 -1.68 -25.07	52.33 -1.72 -21.06	32.68 -2.92 0.00	40.77 -3.74 0.00	44.68 -3.06 0.00	41.48 -3.41 0.00	39.98 -2.92 0.00	88.51 -4.35 -38.49	81.87 -4.27 -33.45	82.74 -4.43 -33.83	84.01 -4.38 -34.32	92.36 -4.68 -39.95	89.18 -4.70 -36.51	51.59 -4.26 -0.48	91.99 -5.31 -11.63	75.62 -4.32 0.00	61.04 -3.64 -0.75	56.35 -3.29 -0.80	51.68 -4.15 -0.51	52.80 -2.94 -0.25	53.72 -1.78 -0.06
LOWER___HUDSON 24059	36.09 1.52 0.00	34.58 1.52 0.00	33.07 1.39 0.00	33.00 1.39 0.00	34.47 1.49 0.00	37.24 1.64 0.00	46.73 2.22 0.00	50.12 2.39 0.00	47.71 2.29 -0.53	45.60 2.14 -0.56	59.14 3.04 -1.72	57.48 3.00 -1.79	58.00 3.04 -1.62	58.73 3.08 -1.58	63.19 3.25 -2.86	70.72 3.33 -10.01	78.45 3.27 -19.81	93.98 5.40 -2.91	130.08 5.04 -45.10	98.16 4.03 -30.20	94.50 3.65 -32.01	79.05 3.32 -20.41	68.71 3.39 -9.82	61.12 3.27 -2.41
LOWVILLE_115KV_TB2 356335	41.90 -0.35 -7.67	39.88 -0.60 -7.41	38.33 -0.51 -7.17	38.23 -0.54 -7.16	38.47 -0.53 -6.01	34.99 -0.61 0.00	43.89 -0.62 0.00	47.59 -0.14 0.00	44.44 -0.45 0.00	42.55 -0.34 0.00	64.38 -0.98 -10.99	61.19 -1.05 -9.55	61.82 -1.17 -9.66	62.78 -1.08 -9.80	67.40 -1.08 -11.40	66.93 -1.03 -10.58	55.66 -0.33 -0.62	89.66 0.60 -3.39	80.82 0.88 0.00	65.26 0.38 -0.95	60.08 0.24 -1.01	55.52 -0.44 -0.64	55.48 -0.33 -0.31	55.30 -0.22 -0.08
LUTHERFT_115KV_GLOB_FND_222 355753	36.79 2.21 0.00	35.34 2.28 0.00	33.70 2.03 0.00	33.67 2.05 0.00	35.19 2.21 0.00	38.06 2.46 0.00	47.80 3.29 0.00	51.22 3.48 0.00	48.72 3.32 -0.50	46.47 3.05 -0.53	59.92 3.91 -1.63	58.12 3.74 -1.68	58.66 3.79 -1.53	59.40 3.84 -1.49	63.89 4.11 -2.70	71.71 4.42 -9.91	79.85 4.43 -20.05	95.98 7.37 -2.94	137.24 7.03 -50.27	100.15 5.63 -30.60	96.39 5.12 -32.43	80.64 4.65 -20.67	70.00 4.55 -9.95	62.31 4.44 -2.44

LUTHERNY_35_KV_BK2 355980	36.79 2.21 0.00	35.38 2.31 0.00	33.73 2.06 0.00	33.70 2.09 0.00	35.23 2.24 0.00	38.09 2.49 0.00	47.85 3.34 0.00	51.22 3.48 0.00	48.76 3.37 -0.50	46.47 3.05 -0.53	59.97 3.97 -1.63	58.17 3.79 -1.68	58.71 3.84 -1.53	59.45 3.89 -1.49	63.89 4.11 -2.70	71.76 4.48 -9.91	79.91 4.49 -20.05	96.07 7.45 -2.94	137.32 7.11 -50.27	100.15 5.63 -30.60	96.45 5.18 -32.43	80.70 4.70 -20.67	70.05 4.61 -9.95	62.37 4.49 -2.44
LWR___OSWEGATCHIE_HYD 23850	51.57 -1.24 -18.24	49.21 -1.49 -17.63	47.29 -1.43 -17.04	47.17 -1.45 -17.02	45.83 -1.45 -14.30	33.46 -2.14 0.00	41.88 -2.63 0.00	45.64 -2.10 0.00	42.47 -2.42 0.00	40.84 -2.06 0.00	77.24 -3.26 -26.12	72.13 -3.27 -22.70	72.89 -3.41 -22.96	74.01 -3.35 -23.30	80.72 -3.48 -27.12	78.74 -3.50 -24.87	53.08 -2.88 -0.58	90.35 -3.26 -7.93	77.46 -2.48 0.00	62.58 -2.24 -0.89	57.67 -2.12 -0.94	53.10 -2.82 -0.60	53.63 -2.16 -0.29	53.96 -1.55 -0.07
LYONS_FALL_HYD 23570	39.76 0.10 -5.09	37.88 -0.10 -4.91	36.36 -0.06 -4.75	36.26 -0.09 -4.74	36.94 -0.03 -3.99	35.56 -0.04 0.00	44.60 0.09 0.00	48.21 0.48 0.00	45.12 0.23 0.00	43.16 0.26 0.00	61.60 -0.05 -7.28	58.86 -0.16 -6.33	59.48 -0.27 -6.40	60.40 -0.16 -6.49	64.53 -0.11 -7.56	64.33 -0.11 -7.06	56.43 0.50 -0.56	89.57 1.62 -2.27	81.62 1.68 0.00	65.96 1.15 -0.88	60.72 0.94 -0.93	56.25 0.33 -0.60	56.18 0.39 -0.29	55.90 0.39 -0.07
MADISON___COUNTY_LFGE 323628	36.91 0.80 -1.54	35.18 0.63 -1.49	33.78 0.67 -1.44	33.68 0.63 -1.44	34.89 0.69 -1.21	36.56 0.96 0.00	45.80 1.29 0.00	49.27 1.53 0.00	46.20 1.30 0.00	44.14 1.24 0.00	57.78 1.20 -2.21	55.67 1.05 -1.92	56.29 1.01 -1.94	57.12 1.08 -1.97	60.57 1.20 -2.29	61.03 1.26 -2.39	58.00 1.72 -0.91	89.81 3.34 -0.80	83.06 3.12 0.00	67.62 2.30 -1.39	62.32 2.00 -1.47	57.75 1.49 -0.94	57.40 1.44 -0.45	56.94 1.39 -0.11
MALONE___115KV_TB1 356076	82.26 -1.07 -48.76	79.13 -1.06 -47.13	76.12 -1.11 -45.55	75.95 -1.14 -45.48	70.01 -1.19 -38.22	34.03 -1.57 0.00	42.64 -1.87 0.00	46.31 -1.43 0.00	43.23 -1.66 0.00	41.22 -1.67 0.00	121.75 -2.45 -69.82	111.00 -2.37 -60.68	112.20 -2.51 -61.37	113.79 -2.54 -62.27	126.77 -2.80 -72.48	120.51 -2.81 -65.94	52.94 -2.44 0.00	103.21 -3.43 -20.97	77.30 -2.64 0.00	62.20 -1.73 0.00	57.55 -1.29 0.00	53.38 -1.94 0.00	53.72 -1.78 0.00	54.22 -1.22 0.00
MAPLEWOD_115KV_TB3 80458	35.54 0.97 0.00	34.09 1.02 0.00	32.56 0.89 0.00	32.50 0.89 0.00	33.94 0.96 0.00	36.63 1.03 0.00	45.93 1.42 0.00	49.27 1.53 0.00	46.92 1.53 -0.50	44.89 1.46 -0.53	58.62 2.61 -1.64	56.92 2.53 -1.70	57.49 2.61 -1.54	58.22 2.65 -1.50	62.48 2.68 -2.71	69.86 2.64 -9.85	77.63 2.49 -19.77	92.60 4.03 -2.90	122.54 3.76 -38.84	97.09 3.00 -30.16	93.58 2.77 -31.97	78.25 2.54 -20.38	67.97 2.66 -9.81	60.45 2.61 -2.40
MAPLE_RIDGE_WT_1 323574	32.47 -0.93 1.17	31.04 -0.89 1.13	29.76 -0.82 1.09	29.70 -0.82 1.09	31.14 -0.92 0.92	34.57 -1.03 0.00	43.18 -1.33 0.00	46.40 -1.34 0.00	43.64 -1.26 0.00	41.65 -1.25 0.00	51.17 -1.52 1.68	49.82 -1.42 1.46	50.43 -1.44 1.47	51.11 -1.46 1.50	53.75 -1.60 1.74	54.13 -1.67 1.58	53.72 -1.66 0.00	82.51 -2.66 0.50	77.62 -2.32 0.00	62.26 -1.66 0.00	57.49 -1.35 0.00	54.21 -1.11 0.00	54.33 -1.17 0.00	54.33 -1.11 0.00
MAPLE_RIDGE_WT_2 323611	32.47 -0.93 1.17	31.04 -0.89 1.13	29.76 -0.82 1.09	29.70 -0.82 1.09	31.14 -0.92 0.92	34.57 -1.03 0.00	43.18 -1.33 0.00	46.40 -1.34 0.00	43.64 -1.26 0.00	41.65 -1.25 0.00	51.17 -1.52 1.68	49.82 -1.42 1.46	50.43 -1.44 1.47	51.11 -1.46 1.50	53.75 -1.60 1.74	54.13 -1.67 1.58	53.72 -1.66 0.00	82.51 -2.66 0.50	77.62 -2.32 0.00	62.26 -1.66 0.00	57.49 -1.35 0.00	54.21 -1.11 0.00	54.33 -1.17 0.00	54.33 -1.11 0.00
MARBLE_RIVER_WT_PWR 323696	-6.82 -1.52 39.87	-6.93 -1.45 38.53	-7.00 -1.42 37.25	-7.00 -1.42 37.19	0.22 -1.52 31.25	33.93 -1.67 0.00	42.33 -2.18 0.00	45.78 -1.96 0.00	42.92 -1.97 0.00	40.88 -2.02 0.00	-5.44 -2.72 57.10	0.50 -2.58 49.62	0.49 -2.67 50.18	0.45 -2.70 50.92	-5.21 -3.03 59.27	0.41 -3.04 53.92	52.44 -2.94 0.00	63.81 -4.71 17.15	75.86 -4.07 0.00	61.37 -2.56 0.00	56.78 -2.06 0.00	53.11 -2.21 0.00	53.17 -2.33 0.00	53.45 -1.99 0.00
MARSHVLE_115KV_TB1 80742	36.41 1.83 0.00	35.01 1.95 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.90 1.91 0.00	37.84 2.24 0.00	47.76 3.25 0.00	51.17 3.44 0.00	48.24 3.05 -0.30	45.57 2.36 -0.31	57.84 2.50 -0.97	55.64 1.95 -1.00	56.22 1.97 -0.91	57.23 2.27 -0.89	61.15 2.45 -1.61	70.33 3.44 -9.51	82.12 4.10 -22.65	96.36 7.37 -3.33	136.01 7.19 -48.88	104.18 5.69 -34.56	100.59 5.18 -36.57	83.16 4.48 -23.35	70.95 4.22 -11.24	62.13 3.94 -2.75
MARSH_HILL_WT_PWR 323713	32.67 -1.90 0.00	31.18 -1.88 0.00	30.06 -1.61 0.00	30.22 -1.39 0.00	31.70 -1.29 0.00	34.57 -1.03 0.00	43.08 -1.43 0.00	45.21 -2.53 0.00	42.24 -2.65 0.00	40.28 -2.62 0.00	49.48 -4.89 0.00	48.32 -4.79 -0.42	48.48 -4.80 0.06	49.42 -4.65 0.00	52.46 -4.62 0.00	53.97 -4.42 -1.01	54.83 -3.60 -3.05	84.56 -3.43 -2.31	79.91 -2.87 -2.84	66.35 -2.24 -4.67	60.21 -2.06 -3.43	56.10 -2.38 -3.15	54.91 -2.11 -1.52	53.99 -1.83 -0.37
MCINTYRE_115KV_TB2 80467	61.21 -0.24 -26.88	58.31 -0.73 -25.98	56.12 -0.67 -25.11	55.95 -0.73 -25.07	53.36 -0.69 -21.06	33.93 -1.67 0.00	42.46 -2.05 0.00	46.69 -1.05 0.00	43.19 -1.71 0.00	41.61 -1.29 0.00	90.20 -2.66 -38.49	83.40 -2.74 -33.45	84.29 -2.88 -33.83	85.63 -2.76 -34.32	94.18 -2.85 -39.95	91.01 -2.87 -36.51	53.86 -1.99 -0.48	96.10 -1.20 -11.63	79.62 -0.32 0.00	64.02 -0.64 -0.73	58.97 -0.65 -0.78	53.83 -1.99 -0.50	54.80 -0.94 -0.24	55.56 0.06 -0.06
MECO_____69_KV_BK1 80468	37.10 2.52 0.00	35.74 2.68 0.00	34.02 2.34 0.00	33.98 2.37 0.00	35.56 2.57 0.00	38.59 2.99 0.00	48.69 4.18 0.00	52.03 4.30 0.00	49.15 3.91 -0.35	46.45 3.17 -0.37	59.12 3.59 -1.15	57.05 3.16 -1.19	57.68 3.25 -1.08	58.53 3.41 -1.06	62.65 3.65 -1.91	71.61 4.65 -9.58	82.32 5.15 -21.80	97.87 9.00 -3.20	140.87 8.79 -52.14	104.22 7.03 -33.26	100.46 6.41 -35.20	83.50 5.70 -22.48	71.75 5.44 -10.81	63.24 5.16 -2.65
MENANDS___115KV_TB5 355628	35.33 0.76 0.00	33.89 0.83 0.00	32.37 0.70 0.00	32.34 0.73 0.00	33.78 0.79 0.00	36.42 0.82 0.00	45.67 1.16 0.00	48.93 1.19 0.00	46.61 1.21 -0.50	44.67 1.24 -0.53	58.51 2.50 -1.63	56.81 2.42 -1.69	57.38 2.51 -1.53	58.11 2.54 -1.50	62.36 2.57 -2.71	69.62 2.41 -9.83	77.37 2.27 -19.73	92.16 3.60 -2.90	120.87 3.28 -37.66	96.71 2.68 -30.10	93.16 2.41 -31.90	77.93 2.27 -20.34	67.73 2.44 -9.79	60.22 2.38 -2.40
MG INDUSTRY___DRP 24185	35.40 0.83 0.00	33.96 0.89 0.00	32.50 0.82 0.00	32.43 0.82 0.00	33.84 0.86 0.00	36.45 0.85 0.00	45.67 1.16 0.00	48.88 1.15 0.00	46.42 1.08 -0.45	44.40 1.03 -0.47	57.74 1.90 -1.46	56.05 1.84 -1.51	56.58 1.87 -1.37	57.30 1.89 -1.34	61.50 2.00 -2.42	68.64 1.95 -9.32	76.45 1.83 -19.24	91.49 3.00 -2.82	109.99 2.80 -27.26	95.59 2.30 -29.37	92.09 2.12 -31.12	77.16 1.99 -19.84	67.16 2.11 -9.55	59.89 2.11 -2.34

MID___OSWEGATCHIE_HYD 23849	51.57 -1.24 -18.24	49.21 -1.49 -17.63	47.29 -1.43 -17.04	47.17 -1.45 -17.02	45.83 -1.45 -14.30	33.46 -2.14 0.00	41.88 -2.63 0.00	45.64 -2.10 0.00	42.47 -2.42 0.00	40.84 -2.06 0.00	77.24 -3.26 -26.12	72.13 -3.27 -22.70	72.89 -3.41 -22.96	74.01 -3.35 -23.30	80.72 -3.48 -27.12	78.74 -3.50 -24.87	53.08 -2.88 -0.58	90.35 -3.26 -7.93	77.46 -2.48 0.00	62.58 -2.24 -0.89	57.67 -2.12 -0.94	53.10 -2.82 -0.60	53.63 -2.16 -0.29	53.96 -1.55 -0.07
MID___RAQUETTE_HYD 23851	59.96 -1.49 -26.88	57.32 -1.72 -25.98	55.14 -1.65 -25.11	55.00 -1.68 -25.07	52.33 -1.72 -21.06	32.68 -2.92 0.00	40.77 -3.74 0.00	44.68 -3.06 0.00	41.48 -3.41 0.00	39.98 -2.92 0.00	88.51 -4.35 -38.49	81.87 -4.27 -33.45	82.74 -4.43 -33.83	84.01 -4.38 -34.32	92.36 -4.68 -39.95	89.18 -4.70 -36.51	51.59 -4.26 -0.48	91.99 -5.31 -11.63	75.62 -4.32 0.00	61.02 -3.64 -0.73	56.33 -3.30 -0.78	51.67 -4.15 -0.50	52.80 -2.94 -0.24	53.73 -1.77 -0.06
MILLIKEN___1 23584	34.95 0.38 0.00	33.36 0.30 0.00	32.02 0.35 0.00	31.96 0.35 0.00	33.38 0.40 0.00	36.28 0.68 0.00	45.44 0.93 0.00	48.41 0.67 0.00	45.52 0.63 0.00	43.41 0.51 0.00	54.54 0.16 0.00	52.74 0.05 0.00	53.44 0.11 0.00	54.12 0.05 0.00	57.26 0.17 0.00	58.62 0.29 -0.96	58.93 0.66 -2.89	88.33 2.23 -0.43	85.05 2.16 -2.95	69.93 1.60 -4.41	64.72 1.35 -4.53	59.19 0.89 -2.98	57.77 0.83 -1.43	56.61 0.78 -0.40
MILLIKEN___2 23585	34.95 0.38 0.00	33.36 0.30 0.00	32.02 0.35 0.00	31.96 0.35 0.00	33.38 0.40 0.00	36.28 0.68 0.00	45.44 0.93 0.00	48.41 0.67 0.00	45.52 0.63 0.00	43.41 0.51 0.00	54.54 0.16 0.00	52.74 0.05 0.00	53.44 0.11 0.00	54.12 0.05 0.00	57.26 0.17 0.00	58.62 0.29 -0.96	58.93 0.66 -2.89	88.33 2.23 -0.43	85.05 2.16 -2.95	69.93 1.60 -4.41	64.72 1.35 -4.53	59.19 0.89 -2.98	57.77 0.83 -1.43	56.61 0.78 -0.40
MILLIKEN___DIESEL 23629	34.95 0.38 0.00	33.36 0.30 0.00	32.02 0.35 0.00	31.96 0.35 0.00	33.38 0.40 0.00	36.28 0.68 0.00	45.44 0.93 0.00	48.41 0.67 0.00	45.52 0.63 0.00	43.41 0.51 0.00	54.54 0.16 0.00	52.74 0.05 0.00	53.44 0.11 0.00	54.12 0.05 0.00	57.26 0.17 0.00	58.62 0.29 -0.96	58.93 0.66 -2.89	88.33 2.23 -0.43	85.05 2.16 -2.95	69.93 1.60 -4.41	64.72 1.35 -4.53	59.19 0.89 -2.98	57.77 0.83 -1.43	56.61 0.78 -0.40
MILLSEAT___LFGE 323607	33.05 -1.52 0.00	31.48 -1.59 0.00	30.31 -1.36 0.00	30.25 -1.36 0.00	31.53 -1.45 0.00	34.39 -1.21 0.00	42.91 -1.60 0.00	44.64 -3.10 0.00	41.93 -2.96 0.00	40.02 -2.87 0.00	49.21 -5.17 0.00	46.95 -5.53 0.21	47.88 -5.39 0.08	48.82 -5.24 0.00	51.49 -5.59 0.00	52.50 -5.51 -0.63	52.48 -4.82 -1.92	79.92 -5.74 0.01	76.29 -5.51 -1.87	62.22 -4.66 -2.96	55.49 -4.59 -1.23	52.57 -4.76 -2.00	52.75 -3.72 -0.97	52.96 -2.72 -0.24
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.54 1.97 0.00	34.85 1.79 0.00	33.19 1.52 0.00	33.13 1.52 0.00	34.63 1.65 0.00	37.45 1.85 0.00	47.18 2.67 0.00	50.74 3.01 0.00	50.33 3.01 -2.43	48.38 2.92 -2.57	66.13 3.86 -7.90	64.77 3.90 -8.17	64.75 4.00 -7.41	65.32 4.00 -7.25	74.45 4.28 -13.08	82.06 4.53 -20.15	74.81 4.60 -14.83	95.39 7.54 -2.18	98.88 6.79 -12.15	91.93 5.37 -22.64	87.66 4.88 -23.93	74.93 4.32 -15.30	67.08 4.22 -7.36	61.12 3.88 -1.80
MILLWOOD_13_KV_LOAD 356217	36.65 2.07 0.00	34.91 1.85 0.00	33.26 1.58 0.00	33.19 1.58 0.00	34.73 1.75 0.00	37.52 1.92 0.00	47.31 2.80 0.00	50.89 3.15 0.00	50.46 3.14 -2.43	48.51 3.05 -2.57	66.24 3.97 -7.90	64.93 4.06 -8.17	64.86 4.11 -7.41	65.48 4.16 -7.25	74.62 4.45 -13.08	82.17 4.65 -20.15	74.97 4.76 -14.83	95.65 7.80 -2.18	99.20 7.11 -12.15	92.13 5.56 -22.64	87.90 5.12 -23.93	75.16 4.54 -15.30	67.24 4.38 -7.36	61.29 4.05 -1.80
MODEL_CITY_ENERGY 24167	31.98 -2.59 0.00	30.35 -2.71 0.00	29.27 -2.41 0.00	29.21 -2.40 0.00	30.48 -2.51 0.00	33.18 -2.42 0.00	41.30 -3.21 0.00	42.39 -5.35 0.00	39.96 -4.94 0.00	38.18 -4.72 0.00	46.98 -7.39 0.00	44.88 -7.54 0.28	45.60 -7.63 0.11	46.66 -7.41 0.00	49.15 -7.93 0.00	50.09 -7.92 -0.63	49.97 -7.31 -1.90	75.82 -9.77 0.09	72.41 -9.51 -1.99	58.98 -7.87 -2.92	51.67 -7.47 -0.30	50.05 -7.25 -1.98	50.46 -6.00 -0.95	50.97 -4.71 -0.24
MODERN_LFGE___ 323580	31.98 -2.59 0.00	30.35 -2.71 0.00	29.27 -2.41 0.00	29.21 -2.40 0.00	30.48 -2.51 0.00	33.18 -2.42 0.00	41.30 -3.21 0.00	42.39 -5.35 0.00	39.96 -4.94 0.00	38.18 -4.72 0.00	46.98 -7.39 0.00	44.88 -7.54 0.28	45.60 -7.63 0.11	46.66 -7.41 0.00	49.15 -7.93 0.00	50.09 -7.92 -0.63	49.97 -7.31 -1.90	75.82 -9.77 0.09	72.41 -9.51 -1.99	58.98 -7.87 -2.92	51.67 -7.47 -0.30	50.05 -7.25 -1.98	50.46 -6.00 -0.95	50.97 -4.71 -0.24
MOHAWK_PAPER___DRP 24187	35.54 0.97 0.00	34.09 1.02 0.00	32.56 0.89 0.00	32.50 0.89 0.00	33.94 0.96 0.00	36.63 1.03 0.00	45.93 1.42 0.00	49.27 1.53 0.00	46.92 1.53 -0.50	44.89 1.46 -0.53	58.62 2.61 -1.64	56.92 2.53 -1.70	57.49 2.61 -1.54	58.22 2.65 -1.50	62.48 2.68 -2.71	69.86 2.64 -9.85	77.63 2.49 -19.77	92.60 4.03 -2.90	122.54 3.76 -38.84	97.09 3.00 -30.16	93.58 2.77 -31.97	78.25 2.54 -20.38	67.97 2.66 -9.81	60.45 2.61 -2.40
MOHICAN___35_KV_115KV_LD 80490	37.17 2.59 0.00	35.81 2.74 0.00	34.08 2.41 0.00	34.05 2.43 0.00	35.62 2.64 0.00	38.59 2.99 0.00	48.52 4.01 0.00	51.99 4.25 0.00	49.43 4.04 -0.49	47.06 3.65 -0.52	60.59 4.62 -1.60	58.78 4.43 -1.66	59.22 4.37 -1.50	59.97 4.43 -1.47	64.47 4.74 -2.65	72.36 5.11 -9.88	80.69 5.21 -20.11	97.36 8.74 -2.95	139.70 8.39 -51.37	101.27 6.65 -30.69	97.43 6.06 -32.53	81.48 5.42 -20.74	70.75 5.27 -9.98	62.98 5.10 -2.44
MONGAUP___HYD 23641	36.16 1.59 0.00	34.52 1.45 0.00	32.91 1.23 0.00	32.84 1.23 0.00	34.40 1.42 0.00	37.16 1.56 0.00	46.91 2.40 0.00	50.31 2.58 0.00	44.51 2.56 2.94	42.02 2.23 3.11	47.73 2.93 9.58	45.68 2.90 9.91	47.34 2.99 8.99	48.36 3.08 8.79	44.71 3.48 15.86	47.23 3.90 14.05	73.23 4.37 -13.49	95.10 7.45 -1.98	97.75 6.72 -11.10	89.77 5.30 -20.54	85.49 4.94 -21.70	73.57 4.37 -13.88	66.51 4.33 -6.68	61.07 3.99 -1.64
MONTAUK___DIESEL 23721	37.65 3.08 0.00	35.48 2.41 0.00	33.73 2.06 0.00	33.48 1.87 0.00	35.56 2.57 0.00	38.48 2.88 0.00	48.78 4.27 0.00	52.46 4.73 0.00	51.38 4.18 -2.31	48.56 3.22 -2.44	66.03 4.13 -7.52	64.59 4.11 -7.78	64.56 4.16 -7.06	65.35 4.38 -6.90	74.28 4.74 -12.46	82.78 5.91 -19.49	91.09 7.25 -28.46	109.94 11.31 -12.96	102.83 10.31 -12.58	94.77 8.05 -22.79	90.17 7.24 -24.09	86.35 6.31 -24.72	68.79 5.88 -7.40	62.74 5.49 -1.81
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.02 -2.56 0.00	30.38 -2.68 0.00	29.52 -2.15 0.00	29.24 -2.37 0.00	30.48 -2.51 0.00	33.32 -2.28 0.00	41.71 -2.80 0.00	43.11 -4.63 0.00	40.72 -4.18 0.00	38.74 -4.16 0.00	47.85 -6.52 0.00	45.41 -7.01 0.28	46.40 -6.83 0.11	47.47 -6.60 0.00	49.78 -7.31 0.00	50.95 -7.17 -0.74	51.13 -6.48 -2.24	77.84 -7.80 0.03	75.20 -7.03 -2.30	61.36 -6.01 -3.44	54.25 -5.41 -0.82	52.39 -5.26 -2.33	52.29 -4.33 -1.12	52.00 -3.71 -0.28

MORRIS_RIDGE___SOLAR 323848	32.88 -1.69 0.00	31.28 -1.79 0.00	30.12 -1.55 0.00	30.13 -1.49 0.00	31.47 -1.52 0.00	34.28 -1.32 0.00	42.77 -1.74 0.00	44.68 -3.06 0.00	42.02 -2.87 0.00	40.02 -2.87 0.00	49.32 -5.06 0.00	46.60 -5.27 0.82	48.04 -5.23 0.08	48.98 -5.08 0.00	51.83 -5.25 0.00	53.28 -5.05 -0.95	53.86 -4.38 -2.86	78.26 -5.31 2.10	77.87 -4.79 -2.73	64.33 -3.96 -4.37	57.84 -3.65 -2.65	54.46 -3.82 -2.95	53.59 -3.33 -1.42	52.91 -2.89 -0.35
MORTIMER_115KV_TB3 55949	32.98 -1.59 0.00	31.44 -1.62 0.00	30.38 -1.30 0.00	30.31 -1.30 0.00	31.53 -1.45 0.00	34.35 -1.25 0.00	42.86 -1.65 0.00	45.16 -2.58 0.00	42.38 -2.51 0.00	40.58 -2.32 0.00	50.51 -3.86 0.00	48.60 -4.11 -0.01	49.46 -3.89 -0.01	50.01 -4.05 0.00	52.92 -4.17 0.00	53.96 -4.07 -0.65	53.73 -3.60 -1.96	81.24 -4.71 -0.28	75.62 -4.32 0.00	63.38 -3.52 -2.97	58.72 -3.47 -3.35	53.73 -3.60 -2.01	53.69 -2.78 -0.97	53.68 -2.00 -0.24
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.79 2.21 0.00	35.08 2.02 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.17 3.44 0.00	50.67 3.46 -2.32	48.73 3.39 -2.45	66.25 4.35 -7.53	64.91 4.43 -7.79	64.89 4.48 -7.07	65.52 4.54 -6.91	74.41 4.85 -12.47	81.94 5.05 -19.51	75.50 5.21 -14.92	96.34 8.48 -2.19	99.75 7.59 -12.22	92.64 5.94 -22.77	88.39 5.47 -24.07	75.52 4.81 -15.39	67.51 4.61 -7.40	61.58 4.32 -1.81
MUNSVILLE_WIND_PWR 323609	37.06 2.49 0.00	35.05 1.98 0.00	33.73 2.06 0.00	33.66 2.05 0.00	35.20 2.21 0.00	38.41 2.81 0.00	48.38 3.87 0.00	56.09 8.35 0.00	51.44 7.09 0.55	48.88 6.56 0.58	59.01 6.41 1.78	56.84 6.00 1.86	57.58 5.92 1.68	58.49 6.05 1.63	60.82 6.68 2.94	63.33 7.06 1.10	71.85 9.47 -7.00	96.25 9.76 -0.82	95.38 9.35 -6.10	79.33 6.97 -8.44	73.67 6.18 -8.65	65.83 4.81 -5.70	62.91 4.66 -2.74	60.49 4.38 -0.67
N SALMON___HYD 24042	82.26 -1.07 -48.76	79.10 -1.09 -47.13	76.12 -1.11 -45.55	75.95 -1.14 -45.48	70.01 -1.19 -38.22	34.03 -1.57 0.00	42.64 -1.87 0.00	46.31 -1.43 0.00	43.23 -1.66 0.00	41.22 -1.67 0.00	121.75 -2.45 -69.82	111.00 -2.37 -60.68	112.20 -2.51 -61.37	113.79 -2.54 -62.27	126.71 -2.85 -72.48	120.51 -2.81 -65.94	52.94 -2.44 0.00	103.21 -3.43 -20.97	77.30 -2.64 0.00	62.20 -1.72 0.00	57.55 -1.29 0.00	53.38 -1.94 0.00	53.72 -1.78 0.00	54.22 -1.22 0.00
N.AKRON__115KV_KNAPP 355671	32.78 -1.88 0.00	31.18 -1.88 0.00	30.25 -1.43 0.00	30.19 -1.42 0.00	31.40 -1.58 0.00	34.32 -1.28 0.00	42.86 -1.65 0.00	44.44 -3.29 0.00	41.80 -3.10 0.00	39.89 -3.00 0.00	49.15 -5.22 0.00	46.84 -5.64 0.22	47.92 -5.33 0.08	48.71 -5.35 0.00	51.37 -5.71 0.00	52.39 -5.62 -0.63	52.31 -4.98 -1.92	79.48 -6.17 0.02	76.06 -5.76 -1.88	61.99 -4.92 -2.99	55.24 -4.77 -1.16	52.42 -4.92 -2.02	52.59 -3.89 -0.97	52.85 -2.83 -0.24
N.BELMOR_69_KV_BK1 55787	37.34 2.77 0.00	35.34 2.28 0.00	33.64 1.96 0.00	33.48 1.87 0.00	35.29 2.31 0.00	38.16 2.56 0.00	48.11 3.61 0.00	51.70 3.96 0.00	50.93 3.73 -2.31	48.60 3.26 -2.44	66.24 4.35 -7.52	64.90 4.43 -7.78	64.88 4.48 -7.06	65.67 4.70 -6.90	74.45 4.91 -12.46	82.49 5.62 -19.49	89.82 5.98 -28.46	108.40 9.77 -12.96	101.39 8.87 -12.58	93.68 6.97 -22.79	89.29 6.36 -24.09	85.68 5.64 -24.72	68.68 5.77 -7.40	62.24 4.99 -1.81
N.E_GEN_SANDY PD 24062	37.97 1.69 -1.70	37.60 1.55 -2.98	35.69 1.46 -2.56	35.85 1.45 -2.78	37.68 1.55 -3.14	40.35 1.67 -3.08	48.46 2.31 -1.64	57.85 2.58 -7.54	54.68 2.51 -7.27	62.70 2.49 -17.32	65.36 3.53 -7.45	62.33 3.48 -6.16	71.60 3.57 -14.68	74.20 3.57 -16.57	75.00 3.83 -14.09	82.72 3.90 -21.44	99.57 3.82 -40.38	127.27 6.17 -35.43	118.72 5.59 -33.19	104.82 4.47 -36.42	99.86 4.06 -36.96	94.47 3.76 -35.39	84.71 3.83 -25.38	67.09 3.66 -7.99
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.37 1.80 0.00	34.65 1.59 0.00	33.04 1.36 0.00	32.97 1.36 0.00	34.47 1.48 0.00	37.20 1.60 0.00	46.87 2.36 0.00	50.41 2.67 0.00	43.57 2.65 3.97	41.28 2.57 4.19	44.89 3.43 12.91	42.86 3.53 13.37	44.80 3.57 12.12	45.84 3.62 11.85	39.58 3.88 21.39	41.45 4.07 20.00	73.99 4.21 -14.41	94.73 6.94 -2.12	97.91 6.16 -11.81	90.77 4.86 -21.99	86.50 4.41 -23.24	74.10 3.93 -14.86	66.53 3.89 -7.15	60.74 3.55 -1.75
N.QUEENS_27_KV_LOAD 356247	37.27 2.70 0.00	35.54 2.48 0.00	33.76 2.09 0.00	33.70 2.09 0.00	35.13 2.14 0.00	37.91 2.31 0.00	47.71 3.20 0.00	51.32 3.58 0.00	50.62 3.41 -2.32	48.95 3.60 -2.45	66.70 4.78 -7.54	65.29 4.80 -7.80	65.27 4.85 -7.08	65.91 4.92 -6.92	74.94 5.37 -12.49	82.41 5.51 -19.53	75.79 5.48 -14.93	96.69 8.82 -2.20	100.24 8.07 -12.22	93.16 6.46 -22.78	88.87 5.94 -24.08	75.97 5.26 -15.39	68.13 5.22 -7.41	62.14 4.88 -1.82
N.TROY___115KV_TB1 355778	36.13 1.56 0.00	34.62 1.55 0.00	33.07 1.39 0.00	33.00 1.39 0.00	34.50 1.52 0.00	37.24 1.64 0.00	46.73 2.23 0.00	50.08 2.34 0.00	47.71 2.29 -0.53	45.60 2.14 -0.56	59.14 3.04 -1.72	57.43 2.95 -1.79	58.00 3.04 -1.62	58.73 3.08 -1.58	63.14 3.20 -2.86	70.72 3.33 -10.01	78.45 3.27 -19.81	93.98 5.40 -2.91	130.08 5.04 -45.10	98.18 4.03 -30.23	94.53 3.65 -32.03	79.07 3.32 -20.43	68.71 3.39 -9.83	61.12 3.27 -2.41
NARROWS_GT1_1 24228	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT1_2 24229	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT1_3 24230	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT1_4 24231	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82

NARROWS_GT1_5 24232	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT1_6 24233	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT1_7 24234	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT1_8 24235	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT2_1 24236	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT2_2 24237	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT2_3 24238	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT2_4 24239	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT2_5 24240	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT2_6 24241	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT2_7 24242	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NARROWS_GT2_8 24243	37.13 2.56 0.00	35.34 2.28 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.51 3.77 0.00	50.89 3.68 -2.32	49.07 3.73 -2.45	66.81 4.90 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.96 4.97 -6.92	74.94 5.36 -12.49	82.47 5.56 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.63 8.47 -12.22	93.31 6.65 -22.74	89.01 6.12 -24.04	76.05 5.36 -15.37	68.06 5.16 -7.40	62.14 4.88 -1.82
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.85 1.28 0.00	34.48 1.42 0.00	32.88 1.20 0.00	32.81 1.20 0.00	34.37 1.39 0.00	37.06 1.46 0.00	46.65 2.14 0.00	49.79 2.05 0.00	47.09 1.89 -0.31	44.68 1.46 -0.33	57.88 2.50 -1.00	56.10 2.37 -1.04	56.79 2.51 -0.94	57.64 2.65 -0.92	61.66 2.91 -1.66	68.27 2.75 -8.14	76.65 2.88 -18.40	93.26 4.88 -2.70	110.61 4.64 -26.04	95.66 3.64 -28.09	92.02 3.41 -29.77	77.34 3.04 -18.98	67.63 3.00 -9.13	60.56 2.88 -2.24
NCHELSEA_115KV_TR2 355582	36.72 2.14 0.00	35.05 1.98 0.00	33.35 1.68 0.00	33.29 1.68 0.00	34.87 1.88 0.00	37.66 2.06 0.00	47.58 3.07 0.00	51.13 3.39 0.00	48.22 3.32 0.00	45.94 3.05 0.00	58.34 3.97 0.00	56.70 4.00 0.00	57.45 4.11 0.00	58.28 4.22 0.00	61.65 4.57 0.00	67.41 4.99 -5.04	75.44 5.21 -14.86	96.42 8.57 -2.18	100.27 7.83 -12.50	92.75 6.14 -22.68	88.53 5.71 -23.98	75.68 5.03 -15.33	67.81 4.94 -7.37	61.85 4.60 -1.81
NEG CAPITAL___MECHNVIL 23645	36.72 2.14 0.00	35.28 2.22 0.00	33.67 2.00 0.00	33.64 2.02 0.00	35.13 2.14 0.00	38.02 2.42 0.00	47.76 3.25 0.00	51.18 3.44 0.00	48.68 3.28 -0.51	46.44 3.00 -0.54	59.89 3.86 -1.66	58.21 3.80 -1.72	58.74 3.84 -1.56	59.43 3.84 -1.52	63.95 4.11 -2.75	71.74 4.42 -9.95	79.78 4.43 -19.98	95.97 7.37 -2.93	136.00 7.04 -49.03	99.95 5.56 -30.46	96.19 5.06 -32.28	80.49 4.59 -20.58	69.96 4.55 -9.90	62.25 4.38 -2.43

NEG CENTRAL_HIGH_ACRES 23767	32.77 -1.80 0.00	31.34 -1.72 0.00	30.03 -1.65 0.00	29.97 -1.65 0.00	31.27 -1.72 0.00	34.00 -1.60 0.00	42.51 -2.00 0.00	45.02 -2.72 0.00	42.24 -2.65 0.00	40.41 -2.49 0.00	50.35 -4.02 0.00	48.55 -4.16 -0.02	49.35 -4.00 -0.01	49.96 -4.11 0.00	52.86 -4.22 0.00	53.88 -4.13 -0.63	53.62 -3.66 -1.90	81.15 -4.80 -0.28	75.62 -4.32 0.00	63.23 -3.64 -2.95	58.73 -3.53 -3.41	53.66 -3.65 -1.99	53.41 -3.05 -0.96	53.24 -2.44 -0.23
NEG CENTRAL___DRP 24199	34.12 -0.45 0.00	32.53 -0.53 0.00	31.29 -0.38 0.00	31.23 -0.38 0.00	32.62 -0.36 0.00	35.53 -0.07 0.00	44.46 -0.04 0.00	47.21 -0.53 0.00	44.44 -0.45 0.00	42.43 -0.47 0.00	52.96 -1.41 0.00	51.16 -1.58 -0.05	51.79 -1.55 0.00	52.50 -1.57 0.00	55.54 -1.54 0.00	56.63 -1.43 -0.68	56.49 -0.94 -2.06	85.65 -0.51 -0.49	81.34 -0.32 -1.73	66.68 -0.38 -3.14	61.59 -0.53 -3.27	56.55 -0.89 -2.12	55.74 -0.78 -1.02	55.03 -0.67 -0.25
NEG CENTRAL___INDECK 23768	34.06 -0.52 0.00	32.57 -0.50 0.00	31.23 -0.44 0.00	31.20 -0.41 0.00	32.56 -0.43 0.00	35.56 -0.04 0.00	44.60 0.09 0.00	47.21 -0.52 0.00	44.09 -0.81 0.00	42.04 -0.86 0.00	50.02 -4.35 0.00	48.52 -4.64 -0.46	48.88 -4.43 0.03	49.58 -4.49 0.00	52.57 -4.51 0.00	54.00 -4.25 -0.87	54.73 -3.27 -2.62	84.41 -3.52 -2.26	79.24 -3.04 -2.34	65.50 -2.43 -4.01	59.89 -2.36 -3.40	55.10 -2.93 -2.71	54.36 -2.44 -1.30	53.77 -1.99 -0.32
NEG CENTRAL___SENECA 23627	34.05 -0.52 0.00	32.47 -0.60 0.00	31.26 -0.41 0.00	31.23 -0.38 0.00	32.59 -0.40 0.00	35.56 -0.04 0.00	44.55 0.04 0.00	47.16 -0.57 0.00	44.44 -0.45 0.00	42.38 -0.51 0.00	52.58 -1.79 0.00	50.72 -2.06 -0.08	51.36 -1.97 0.00	52.07 -2.00 0.00	55.14 -1.94 0.00	56.30 -1.84 -0.76	56.39 -1.27 -2.29	85.63 -0.69 -0.64	81.39 -0.48 -1.93	66.84 -0.58 -3.49	61.80 -0.65 -3.60	56.57 -1.11 -2.36	55.69 -0.94 -1.13	54.95 -0.78 -0.28
NEG CENTRAL___STATE_STREET 24147	34.37 -0.21 0.00	32.80 -0.26 0.00	31.48 -0.19 0.00	31.42 -0.19 0.00	32.82 -0.16 0.00	35.67 0.07 0.00	44.60 0.09 0.00	47.64 -0.10 0.00	44.76 -0.13 0.00	42.73 -0.17 0.00	53.67 -0.71 0.00	51.90 -0.79 0.00	52.59 -0.75 0.00	53.31 -0.76 0.00	56.34 -0.74 0.00	57.34 -0.69 -0.65	57.06 -0.28 -1.97	86.39 0.43 -0.29	82.12 0.48 -1.70	67.18 0.26 -3.00	62.14 0.12 -3.18	57.13 -0.22 -2.03	56.25 -0.22 -0.98	55.52 -0.17 -0.25
NEG MILLWOOD___DRP 24198	36.99 2.42 0.00	35.28 2.22 0.00	33.57 1.90 0.00	33.48 1.87 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.98 3.47 0.00	51.51 3.77 0.00	49.68 3.73 -1.06	47.53 3.52 -1.12	62.27 4.46 -3.44	60.73 4.48 -3.56	61.10 4.53 -3.23	61.82 4.60 -3.16	67.75 4.97 -5.70	74.46 5.34 -11.75	75.89 5.48 -15.04	96.96 9.08 -2.21	100.91 8.47 -12.50	93.52 6.65 -22.95	89.28 6.18 -24.26	76.19 5.37 -15.51	68.18 5.22 -7.46	62.15 4.88 -1.83
NEG NORTH_FLCN_SEA 23793	-6.86 -1.18 40.26	-6.97 -1.12 38.91	-7.04 -1.11 37.61	-7.08 -1.14 37.55	0.21 -1.22 31.55	34.25 -1.35 0.00	42.55 -1.96 0.00	45.97 -1.77 0.00	43.14 -1.75 0.00	41.05 -1.84 0.00	-5.78 -2.50 57.65	0.23 -2.37 50.10	0.17 -2.51 50.67	0.12 -2.54 51.41	-5.55 -2.80 59.84	0.12 -2.81 54.44	52.77 -2.60 0.00	63.90 -4.45 17.31	76.02 -3.92 0.00	61.88 -2.05 0.00	57.31 -1.53 0.00	53.44 -1.88 0.00	53.45 -2.05 0.00	53.78 -1.66 0.00
NEG NORTH_KES_CHATEGAY 23792	-9.84 -1.45 42.96	-9.84 -1.39 41.52	-9.85 -1.39 40.13	-9.88 -1.42 40.07	-2.17 -1.48 33.67	33.89 -1.71 0.00	42.37 -2.14 0.00	45.83 -1.91 0.00	42.96 -1.93 0.00	40.88 -2.02 0.00	-9.86 -2.72 61.52	-3.34 -2.58 53.46	-3.44 -2.72 54.06	-3.49 -2.70 54.86	-9.74 -2.97 63.86	-3.76 -3.04 58.09	52.50 -2.88 0.00	62.49 -4.71 18.47	75.94 -4.00 0.00	61.37 -2.56 0.00	56.84 -2.00 0.00	53.11 -2.21 0.00	53.17 -2.33 0.00	53.50 -1.94 0.00
NEG NORTH___ALICE_FALLS 23915	-7.12 -1.00 40.69	-7.18 -0.93 39.32	-7.29 -0.95 38.01	-7.32 -0.98 37.95	0.04 -1.06 31.89	34.35 -1.25 0.00	42.86 -1.65 0.00	46.35 -1.38 0.00	43.46 -1.44 0.00	41.31 -1.59 0.00	-6.01 -2.12 58.26	0.01 -2.06 50.63	0.00 -2.13 51.21	0.00 -2.11 51.96	-5.79 -2.40 60.48	0.00 -2.35 55.02	53.22 -2.16 0.00	64.66 -3.51 17.50	76.98 -2.96 0.00	62.45 -1.47 0.00	57.84 -1.00 0.00	53.83 -1.49 0.00	53.84 -1.67 0.00	54.16 -1.28 0.00
NEG NORTH___LWR_SARANAC 23913	-7.12 -1.00 40.69	-7.18 -0.93 39.32	-7.29 -0.95 38.01	-7.32 -0.98 37.95	0.04 -1.06 31.89	34.35 -1.25 0.00	42.86 -1.65 0.00	46.35 -1.38 0.00	43.46 -1.44 0.00	41.31 -1.59 0.00	-6.01 -2.12 58.26	0.01 -2.06 50.63	0.00 -2.13 51.21	0.00 -2.11 51.96	-5.79 -2.40 60.48	0.00 -2.35 55.02	53.22 -2.16 0.00	64.66 -3.51 17.50	76.98 -2.96 0.00	62.45 -1.47 0.00	57.84 -1.00 0.00	53.83 -1.49 0.00	53.84 -1.67 0.00	54.16 -1.28 0.00
NEG NORTH___PLATTSBURG 23628	-7.12 -1.00 40.69	-7.22 -0.96 39.32	-7.29 -0.95 38.01	-7.32 -0.98 37.95	0.01 -1.09 31.89	34.35 -1.25 0.00	42.86 -1.65 0.00	46.35 -1.39 0.00	43.46 -1.44 0.00	41.31 -1.59 0.00	-6.01 -2.12 58.26	0.01 -2.06 50.63	0.00 -2.14 51.21	0.00 -2.11 51.96	-5.79 -2.40 60.48	0.00 -2.35 55.02	53.21 -2.16 0.00	64.66 -3.52 17.50	76.98 -2.96 0.00	62.46 -1.47 0.00	57.84 -1.00 0.00	53.83 -1.49 0.00	53.84 -1.66 0.00	54.17 -1.27 0.00
NEG WEST_LEA_LOCKPORT 23791	32.19 -2.39 0.00	30.62 -2.45 0.00	29.71 -1.96 0.00	29.65 -1.96 0.00	30.87 -2.11 0.00	33.68 -1.92 0.00	41.93 -2.58 0.00	43.15 -4.58 0.00	40.67 -4.22 0.00	38.82 -4.08 0.00	47.85 -6.52 0.00	45.63 -6.80 0.27	46.63 -6.61 0.10	47.47 -6.60 0.00	50.00 -7.08 0.00	51.01 -7.00 -0.63	50.87 -6.42 -1.92	76.93 -8.65 0.09	73.82 -8.07 -1.95	60.13 -6.78 -2.99	53.11 -6.41 -0.68	51.03 -6.31 -2.02	51.31 -5.16 -0.97	51.69 -3.99 -0.24
NEG WEST___LANCASTER 23811	33.92 -0.66 0.00	32.24 -0.83 0.00	31.23 -0.44 0.00	31.17 -0.44 0.00	32.56 -0.43 0.00	35.49 -0.11 0.00	44.24 -0.27 0.00	45.68 -2.05 0.00	43.19 -1.71 0.00	41.22 -1.67 0.00	50.62 -3.75 0.00	48.14 -4.27 0.28	49.13 -4.11 0.11	50.17 -3.89 0.00	52.80 -4.28 0.00	53.88 -4.25 -0.75	53.75 -3.88 -2.25	81.25 -4.37 0.05	78.09 -4.16 -2.31	63.62 -3.77 -3.47	56.11 -3.59 -0.86	53.63 -4.04 -2.34	52.02 -4.61 -1.13	50.56 -5.16 -0.28
NEG_PENN_ALLEGHNY 23528	34.68 0.10 0.00	33.13 0.07 0.00	31.77 0.10 0.00	31.71 0.10 0.00	33.12 0.13 0.00	35.92 0.32 0.00	44.95 0.45 0.00	47.93 0.19 0.00	44.85 0.23 0.27	42.79 0.17 0.28	53.19 -0.32 0.86	51.35 -0.42 0.93	52.08 -0.43 0.83	52.90 -0.38 0.79	55.37 -0.28 1.43	57.27 -0.17 -0.07	60.68 0.11 -5.19	87.30 0.86 -0.77	85.45 0.72 -4.79	72.22 0.45 -7.84	66.94 0.36 -7.74	60.68 0.06 -5.30	58.11 0.06 -2.55	56.07 0.00 -0.63
NEG___GEN_MONROE 24207	33.19 -1.38 0.00	31.64 -1.42 0.00	30.60 -1.08 0.00	30.50 -1.11 0.00	31.73 -1.25 0.00	34.60 -1.00 0.00	43.09 -1.42 0.00	45.26 -2.48 0.00	42.47 -2.42 0.00	40.58 -2.32 0.00	50.35 -4.02 0.00	48.33 -4.37 -0.01	49.19 -4.16 0.00	49.80 -4.27 0.00	52.63 -4.45 0.00	53.67 -4.36 -0.65	53.45 -3.88 -1.96	80.99 -4.97 -0.28	75.46 -4.48 0.00	63.25 -3.64 -2.97	58.40 -3.65 -3.21	53.46 -3.87 -2.01	53.41 -3.05 -0.97	53.63 -2.05 -0.24

NEPA__ENERGY 23901	32.64 -1.94 0.00	30.98 -2.08 0.00	30.06 -1.62 0.00	29.97 -1.64 0.00	31.27 -1.72 0.00	34.14 -1.46 0.00	42.60 -1.91 0.00	43.92 -3.82 0.00	41.48 -3.41 0.00	39.51 -3.39 0.00	48.72 -5.65 0.00	46.36 -6.01 0.33	47.41 -5.81 0.11	48.39 -5.68 0.00	50.86 -6.22 0.00	51.94 -6.14 -0.70	51.89 -5.59 -2.10	78.35 -7.11 0.21	75.66 -6.47 -2.20	61.60 -5.56 -3.24	54.06 -5.24 -0.46	52.26 -5.26 -2.19	52.17 -4.38 -1.06	52.10 -3.60 -0.26
NEVERSINK__HYD 23608	36.75 2.18 0.00	35.05 1.98 0.00	33.41 1.74 0.00	33.35 1.74 0.00	34.93 1.95 0.00	37.77 2.17 0.00	47.72 3.21 0.00	51.27 3.53 0.00	47.30 3.41 1.01	44.83 3.00 1.06	54.90 3.80 3.28	53.04 3.74 3.40	54.15 3.89 3.08	55.12 4.06 3.01	56.17 4.51 5.43	60.52 5.05 1.91	74.12 5.48 -13.27	96.78 9.17 -1.94	100.18 8.39 -11.86	90.72 6.65 -20.15	86.25 6.12 -21.28	74.36 5.42 -13.62	67.38 5.33 -6.55	61.98 4.93 -1.61
NEWKRMKL_115KV_TB1 55635	35.13 0.55 0.00	33.69 0.63 0.00	32.21 0.54 0.00	32.15 0.54 0.00	33.58 0.59 0.00	36.20 0.61 0.00	45.40 0.89 0.00	48.64 0.91 0.00	46.38 0.99 -0.50	44.45 1.03 -0.53	58.39 2.39 -1.62	56.69 2.32 -1.68	57.21 2.35 -1.52	57.99 2.43 -1.49	62.23 2.45 -2.69	69.36 2.18 -9.80	77.15 2.05 -19.73	91.82 3.26 -2.90	119.57 2.96 -36.68	96.40 2.37 -30.11	92.93 2.18 -31.91	77.71 2.05 -20.34	67.51 2.22 -9.79	60.06 2.22 -2.40
NEWTON__FALLS_HYD 23847	51.57 -1.24 -18.24	49.21 -1.49 -17.63	47.29 -1.43 -17.04	47.17 -1.45 -17.02	45.83 -1.45 -14.30	33.46 -2.14 0.00	41.88 -2.63 0.00	45.64 -2.10 0.00	42.47 -2.42 0.00	40.84 -2.06 0.00	77.24 -3.26 -26.12	72.13 -3.27 -22.70	72.89 -3.41 -22.96	74.01 -3.35 -23.30	80.72 -3.48 -27.12	78.74 -3.50 -24.87	53.08 -2.88 -0.58	90.35 -3.26 -7.93	77.46 -2.48 0.00	62.58 -2.24 -0.89	57.67 -2.12 -0.94	53.10 -2.82 -0.60	53.63 -2.16 -0.29	53.96 -1.55 -0.07
NGRID_A1_DSASP 323792	31.84 -2.73 0.00	30.22 -2.84 0.00	29.14 -2.54 0.00	29.08 -2.53 0.00	30.38 -2.61 0.00	33.04 -2.56 0.00	41.04 -3.47 0.00	42.01 -5.73 0.00	39.64 -5.25 0.00	37.88 -5.02 0.00	46.65 -7.72 0.00	44.53 -7.85 0.31	45.37 -7.84 0.13	46.33 -7.73 0.00	48.80 -8.28 0.00	49.72 -8.26 -0.61	49.51 -7.70 -1.83	74.52 -11.05 0.09	71.71 -10.23 -2.00	58.30 -8.44 -2.82	50.58 -7.95 0.32	49.65 -7.58 -1.91	50.21 -6.21 -0.92	50.85 -4.82 -0.23
NGRID_A2_DSASP 323793	31.84 -2.73 0.00	30.22 -2.84 0.00	29.14 -2.54 0.00	29.08 -2.53 0.00	30.38 -2.61 0.00	33.04 -2.56 0.00	41.04 -3.47 0.00	42.01 -5.73 0.00	39.64 -5.25 0.00	37.88 -5.02 0.00	46.65 -7.72 0.00	44.53 -7.85 0.31	45.37 -7.84 0.13	46.33 -7.73 0.00	48.80 -8.28 0.00	49.72 -8.26 -0.61	49.51 -7.70 -1.83	74.52 -11.05 0.09	71.71 -10.23 -2.00	58.30 -8.44 -2.82	50.58 -7.95 0.32	49.65 -7.58 -1.91	50.21 -6.21 -0.92	50.85 -4.82 -0.23
NGRID_A4_DSASP 323807	31.84 -2.73 0.00	30.22 -2.84 0.00	29.14 -2.54 0.00	29.08 -2.53 0.00	30.38 -2.61 0.00	33.04 -2.56 0.00	41.04 -3.47 0.00	42.01 -5.73 0.00	39.64 -5.25 0.00	37.88 -5.02 0.00	46.65 -7.72 0.00	44.53 -7.85 0.31	45.37 -7.84 0.13	46.33 -7.73 0.00	48.80 -8.28 0.00	49.72 -8.26 -0.61	49.51 -7.70 -1.83	74.52 -11.05 0.09	71.71 -10.23 -2.00	58.30 -8.44 -2.82	50.58 -7.95 0.32	49.65 -7.58 -1.91	50.21 -6.21 -0.92	50.85 -4.82 -0.23
NIAGARA_115E_LBMP 323715	31.67 -2.90 0.00	30.09 -2.98 0.00	29.01 -2.66 0.00	28.96 -2.66 0.00	30.21 -2.77 0.00	32.86 -2.74 0.00	40.86 -3.65 0.00	41.86 -5.87 0.00	39.51 -5.39 0.00	37.75 -5.15 0.00	46.43 -7.94 0.00	44.34 -8.06 0.30	45.06 -8.16 0.12	46.12 -7.95 0.00	48.63 -8.45 0.00	49.51 -8.49 -0.63	49.35 -7.92 -1.89	74.95 -10.63 0.10	71.48 -10.47 -2.01	58.20 -8.63 -2.91	50.78 -8.12 -0.06	49.49 -7.80 -1.97	49.90 -6.55 -0.95	50.46 -5.21 -0.24
NIAGARA_115W_LBMP 323714	31.77 -2.80 0.00	30.15 -2.91 0.00	29.11 -2.56 0.00	29.02 -2.59 0.00	30.31 -2.67 0.00	32.97 -2.63 0.00	40.95 -3.56 0.00	41.91 -5.83 0.00	39.55 -5.34 0.00	37.79 -5.11 0.00	46.54 -7.83 0.00	44.43 -7.96 0.31	45.26 -7.95 0.13	46.22 -7.84 0.00	48.69 -8.39 0.00	49.60 -8.38 -0.61	49.39 -7.81 -1.82	74.36 -11.22 0.09	71.54 -10.39 -2.00	58.17 -8.56 -2.81	50.42 -8.06 0.36	49.53 -7.69 -1.90	50.09 -6.33 -0.92	50.74 -4.93 -0.23
NIAGARA_230_LBMP 323716	32.08 -2.49 0.00	30.48 -2.58 0.00	29.39 -2.28 0.00	29.30 -2.31 0.00	30.61 -2.38 0.00	33.29 -2.31 0.00	41.35 -3.16 0.00	42.44 -5.30 0.00	40.00 -4.89 0.00	38.26 -4.63 0.00	47.09 -7.28 0.00	45.00 -7.38 0.32	45.79 -7.41 0.14	46.76 -7.30 0.00	49.32 -7.76 0.00	50.27 -7.69 -0.59	49.99 -7.14 -1.75	75.31 -10.28 0.08	72.40 -9.51 -1.97	58.82 -7.80 -2.70	50.76 -7.36 0.72	50.07 -7.08 -1.83	50.61 -5.77 -0.88	51.12 -4.54 -0.22
NIAGARA__115KV_198_GIBSON 55903	31.50 -3.08 0.00	29.99 -3.07 0.00	29.08 -2.60 0.00	29.02 -2.59 0.00	30.25 -2.74 0.00	32.97 -2.63 0.00	40.95 -3.56 0.00	41.91 -5.82 0.00	39.55 -5.34 0.00	37.79 -5.10 0.00	46.60 -7.78 0.00	44.48 -7.90 0.31	45.42 -7.79 0.13	46.22 -7.84 0.00	48.69 -8.39 0.00	49.61 -8.38 -0.61	49.39 -7.81 -1.82	74.36 -11.22 0.09	71.62 -10.31 -2.00	58.17 -8.57 -2.82	50.43 -8.06 0.35	49.54 -7.69 -1.90	50.09 -6.33 -0.92	50.74 -4.93 -0.23
NIAGARA____ 23760	32.08 -2.49 0.00	30.48 -2.58 0.00	29.39 -2.28 0.00	29.30 -2.31 0.00	30.61 -2.38 0.00	33.29 -2.31 0.00	41.35 -3.16 0.00	42.44 -5.30 0.00	40.00 -4.89 0.00	38.26 -4.63 0.00	47.09 -7.28 0.00	45.01 -7.38 0.31	45.80 -7.41 0.13	46.76 -7.30 0.00	49.32 -7.76 0.00	50.29 -7.69 -0.60	50.04 -7.14 -1.81	75.30 -10.28 0.08	72.41 -9.51 -1.99	58.90 -7.80 -2.78	51.06 -7.36 0.43	50.12 -7.08 -1.88	50.64 -5.77 -0.91	51.12 -4.54 -0.23
NINE_MILE_1 23575	33.40 -1.18 0.00	31.94 -1.12 0.00	30.63 -1.04 0.00	30.57 -1.04 0.00	31.90 -1.09 0.00	34.50 -1.10 0.00	42.95 -1.56 0.00	45.92 -1.81 0.00	43.14 -1.75 0.00	41.22 -1.67 0.00	52.04 -2.34 0.00	50.38 -2.32 0.00	51.05 -2.29 0.00	51.74 -2.32 0.00	54.69 -2.40 0.00	55.29 -2.41 -0.32	54.19 -2.16 -0.97	82.73 -3.08 -0.14	77.14 -2.80 0.00	63.13 -2.30 -1.51	58.31 -2.18 -1.64	54.18 -2.16 -1.02	53.94 -2.05 -0.49	53.57 -1.99 -0.12
NINE_MILE_2 23744	33.40 -1.18 0.00	31.94 -1.12 0.00	30.63 -1.04 0.00	30.57 -1.04 0.00	31.90 -1.09 0.00	34.50 -1.10 0.00	42.95 -1.56 0.00	45.92 -1.81 0.00	43.14 -1.75 0.00	41.22 -1.67 0.00	52.04 -2.34 0.00	50.38 -2.32 0.00	51.05 -2.29 0.00	51.74 -2.32 0.00	54.69 -2.40 0.00	55.29 -2.41 -0.32	54.18 -2.16 -0.97	82.81 -3.00 -0.14	77.14 -2.80 0.00	63.13 -2.30 -1.50	58.31 -2.18 -1.64	54.18 -2.16 -1.01	53.94 -2.05 -0.49	53.57 -1.99 -0.12
NM_CAPITAL__DRP 24208	35.30 0.73 0.00	33.82 0.76 0.00	32.34 0.67 0.00	32.27 0.66 0.00	33.71 0.73 0.00	36.35 0.75 0.00	45.58 1.07 0.00	48.84 1.10 0.00	46.53 1.12 -0.51	44.59 1.16 -0.54	58.48 2.45 -1.66	56.78 2.37 -1.71	57.30 2.40 -1.55	58.07 2.49 -1.52	62.34 2.51 -2.74	69.52 2.30 -9.85	77.21 2.16 -19.68	91.99 3.43 -2.89	119.20 3.12 -36.14	96.45 2.49 -30.03	92.97 2.29 -31.83	77.77 2.16 -20.29	67.59 2.33 -9.76	60.16 2.33 -2.39

NM_CENTRAL___DRP 24181	34.05 -0.52 0.00	32.50 -0.56 0.00	31.20 -0.48 0.00	31.14 -0.47 0.00	32.49 -0.49 0.00	35.24 -0.36 0.00	43.98 -0.53 0.00	47.07 -0.67 0.00	44.22 -0.67 0.00	42.25 -0.64 0.00	53.23 -1.14 0.00	51.54 -1.16 0.00	52.22 -1.12 0.00	52.88 -1.19 0.00	55.89 -1.20 0.00	56.70 -1.15 -0.47	55.95 -0.83 -1.40	85.02 -0.86 -0.21	79.14 -0.80 0.00	65.30 -0.77 -2.14	60.35 -0.76 -2.27	55.83 -0.94 -1.45	55.36 -0.83 -0.70	54.84 -0.78 -0.17
NM_FRONTIER___DRP 24179	31.50 -3.08 0.00	29.99 -3.07 0.00	29.08 -2.60 0.00	29.02 -2.59 0.00	30.25 -2.74 0.00	32.97 -2.63 0.00	40.95 -3.56 0.00	41.91 -5.82 0.00	39.55 -5.34 0.00	37.79 -5.10 0.00	46.60 -7.78 0.00	44.48 -7.90 0.31	45.42 -7.79 0.13	46.22 -7.84 0.00	48.69 -8.39 0.00	49.61 -8.38 -0.61	49.39 -7.81 -1.82	74.36 -11.22 0.09	71.62 -10.31 -2.00	58.17 -8.57 -2.82	50.43 -8.06 0.35	49.54 -7.69 -1.90	50.09 -6.33 -0.92	50.74 -4.93 -0.23
NM_ST_REGIS___HYD 24053	64.54 -1.42 -31.38	61.81 -1.59 -30.33	59.44 -1.55 -29.32	59.30 -1.58 -29.27	55.96 -1.62 -24.60	32.97 -2.63 0.00	41.17 -3.34 0.00	45.02 -2.72 0.00	41.89 -3.01 0.00	40.28 -2.62 0.00	95.40 -3.91 -44.94	87.90 -3.85 -39.05	88.84 -4.00 -39.50	90.14 -4.00 -40.08	99.45 -4.28 -46.65	95.65 -4.30 -42.58	51.93 -3.88 -0.43	94.26 -4.97 -13.56	75.94 -4.00 0.00	61.38 -3.20 -0.65	56.65 -2.88 -0.69	52.11 -3.65 -0.44	52.99 -2.72 -0.21	53.83 -1.66 -0.05
NORTHPORT___1 23551	37.41 2.84 0.00	35.34 2.28 0.00	33.70 2.03 0.00	33.51 1.90 0.00	35.39 2.41 0.00	38.30 2.70 0.00	48.29 3.78 0.00	51.75 4.01 0.00	51.02 3.81 -2.31	48.56 3.22 -2.44	66.46 4.57 -7.52	65.06 4.58 -7.78	65.04 4.64 -7.06	65.84 4.87 -6.90	74.97 5.43 -12.46	83.07 6.20 -19.49	90.65 6.81 -28.46	109.51 10.88 -12.96	102.18 9.67 -12.58	94.34 7.67 -22.75	90.01 7.12 -24.05	86.26 6.25 -24.69	69.27 6.38 -7.39	62.69 5.44 -1.81
NORTHPORT___2 23552	37.41 2.84 0.00	35.34 2.28 0.00	33.70 2.03 0.00	33.51 1.90 0.00	35.39 2.41 0.00	38.30 2.70 0.00	48.29 3.78 0.00	51.75 4.01 0.00	51.02 3.81 -2.31	48.56 3.22 -2.44	66.46 4.57 -7.52	65.06 4.58 -7.78	65.04 4.64 -7.06	65.84 4.87 -6.90	74.97 5.43 -12.46	83.07 6.20 -19.49	90.65 6.81 -28.46	109.51 10.88 -12.96	102.18 9.67 -12.58	94.34 7.67 -22.75	90.01 7.12 -24.05	86.26 6.25 -24.69	69.27 6.38 -7.39	62.69 5.44 -1.81
NORTHPORT___3 23553	37.20 2.63 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.16 2.18 0.00	38.09 2.49 0.00	48.07 3.56 0.00	51.18 3.44 0.00	50.62 3.41 -2.31	48.47 3.13 -2.44	66.25 4.35 -7.52	64.80 4.32 -7.78	64.82 4.42 -7.06	65.56 4.59 -6.90	74.68 5.14 -12.46	82.43 5.56 -19.49	89.32 5.48 -28.46	107.54 8.91 -12.96	100.51 7.99 -12.58	93.01 6.33 -22.75	88.67 5.77 -24.05	85.38 5.36 -24.69	68.66 5.77 -7.39	62.19 4.93 -1.81
NORTHPORT___4 23650	37.20 2.63 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.35 1.74 0.00	35.16 2.18 0.00	38.09 2.49 0.00	48.07 3.56 0.00	51.18 3.44 0.00	50.62 3.41 -2.31	48.47 3.13 -2.44	66.25 4.35 -7.52	64.80 4.32 -7.78	64.82 4.42 -7.06	65.56 4.59 -6.90	74.68 5.14 -12.46	82.43 5.56 -19.49	89.32 5.48 -28.46	107.54 8.91 -12.96	100.51 7.99 -12.58	93.01 6.33 -22.75	88.67 5.77 -24.05	85.38 5.36 -24.69	68.66 5.77 -7.39	62.19 4.93 -1.81
NORTHPORT___IC 23718	37.48 2.90 0.00	35.41 2.35 0.00	33.70 2.03 0.00	33.51 1.90 0.00	35.39 2.41 0.00	38.31 2.71 0.00	48.29 3.78 0.00	51.94 4.20 0.00	51.07 3.86 -2.31	48.56 3.22 -2.44	66.41 4.51 -7.52	65.01 4.53 -7.78	65.04 4.64 -7.06	65.84 4.87 -6.90	74.80 5.25 -12.46	83.07 6.20 -19.49	90.65 6.81 -28.46	109.51 10.88 -12.96	102.19 9.67 -12.58	94.38 7.67 -22.79	90.05 7.12 -24.09	86.29 6.25 -24.72	69.29 6.38 -7.40	62.69 5.43 -1.81
NORTH___COUNTRY_ESR 323785	-10.00 -1.56 43.02	-10.00 -1.49 41.58	-9.97 -1.46 40.19	-10.00 -1.49 40.12	-2.31 -1.58 33.71	33.82 -1.78 0.00	42.24 -2.27 0.00	45.69 -2.05 0.00	42.83 -2.06 0.00	40.80 -2.10 0.00	-10.00 -2.77 61.60	-3.52 -2.69 53.53	-3.58 -2.78 54.14	-3.68 -2.81 54.94	-10.00 -3.14 63.95	-3.95 -3.16 58.18	52.28 -3.10 0.00	62.12 -5.05 18.50	75.62 -4.32 0.00	61.11 -2.81 0.00	56.55 -2.30 0.00	52.89 -2.43 0.00	53.00 -2.50 0.00	53.28 -2.16 0.00
NPX_GEN_1385_PROXY 323591	37.41 2.84 0.00	35.34 2.28 0.00	33.70 2.03 0.00	33.51 1.90 0.00	35.46 2.48 0.00	38.41 2.81 0.00	48.02 3.52 0.00	51.75 4.01 0.00	50.75 3.55 -2.31	48.00 2.66 -2.44	66.57 4.68 -7.52	65.16 4.69 -7.78	65.14 4.75 -7.06	66.00 5.03 -6.90	75.25 5.71 -12.46	84.10 7.23 -19.49	93.30 8.36 -29.56	111.47 12.85 -12.96	103.55 11.03 -12.58	95.50 8.82 -22.75	91.43 8.53 -24.05	87.15 7.14 -24.69	70.66 7.77 -7.39	63.63 6.37 -1.81
NPX_GEN_CSC 323557	37.89 3.32 0.00	35.67 2.61 0.00	34.02 2.34 0.00	33.79 2.18 0.00	35.79 2.80 0.00	38.77 3.17 0.00	49.00 4.49 0.00	52.51 4.77 0.00	51.61 4.40 -2.31	48.94 3.60 -2.44	66.73 4.84 -7.52	65.27 4.79 -7.78	65.25 4.85 -7.06	66.00 5.03 -6.90	74.97 5.43 -12.46	83.18 6.31 -19.49	91.15 7.31 -28.46	110.62 11.99 -12.96	103.38 10.87 -12.58	95.18 8.50 -22.75	90.60 7.71 -24.05	86.82 6.80 -24.69	69.44 6.55 -7.39	62.91 5.66 -1.81
NSINS_S___GLNS_FALLS 23858	37.17 2.59 0.00	35.81 2.74 0.00	34.08 2.41 0.00	34.05 2.43 0.00	35.62 2.64 0.00	38.59 2.99 0.00	48.56 4.05 0.00	51.99 4.25 0.00	49.47 4.09 -0.49	47.10 3.69 -0.52	60.59 4.62 -1.59	58.77 4.43 -1.65	59.26 4.43 -1.50	59.96 4.43 -1.46	64.46 4.74 -2.64	72.35 5.11 -9.87	80.71 5.21 -20.13	97.36 8.74 -2.95	139.94 8.39 -51.61	101.29 6.65 -30.71	97.45 6.06 -32.55	81.50 5.42 -20.75	70.76 5.27 -9.98	62.93 5.05 -2.45
NUCOR_STEEL___DRP 24197	34.40 -0.17 0.00	32.86 -0.20 0.00	31.52 -0.16 0.00	31.45 -0.16 0.00	32.85 -0.13 0.00	35.67 0.07 0.00	44.55 0.04 0.00	47.59 -0.14 0.00	44.71 -0.18 0.00	42.68 -0.21 0.00	53.67 -0.71 0.00	51.90 -0.79 0.00	52.59 -0.75 0.00	53.31 -0.76 0.00	56.34 -0.74 0.00	57.37 -0.63 -0.63	56.98 -0.28 -1.88	86.29 0.34 -0.28	81.96 0.40 -1.62	66.99 0.19 -2.88	62.01 0.12 -3.05	57.04 -0.22 -1.94	56.27 -0.17 -0.93	55.57 -0.11 -0.24
NUMBER_THREE_WT_PWR 323818	42.10 -0.41 -7.94	40.08 -0.66 -7.67	38.49 -0.60 -7.42	38.38 -0.63 -7.41	38.61 -0.59 -6.22	34.89 -0.71 0.00	43.80 -0.71 0.00	47.50 -0.24 0.00	44.31 -0.58 0.00	42.43 -0.47 0.00	64.60 -1.14 -11.37	61.36 -1.21 -9.88	62.05 -1.28 -9.99	63.02 -1.19 -10.14	67.69 -1.20 -11.80	67.12 -1.21 -10.95	55.56 -0.44 -0.63	89.52 0.34 -3.51	80.57 0.64 0.00	65.17 0.26 -0.98	60.01 0.12 -1.04	55.43 -0.55 -0.67	55.37 -0.45 -0.32	55.19 -0.33 -0.08
NYISO_LBMP_REFERENCE 24008	34.57 0.00 0.00	33.06 0.00 0.00	31.67 0.00 0.00	31.61 0.00 0.00	32.98 0.00 0.00	35.60 0.00 0.00	44.51 0.00 0.00	47.74 0.00 0.00	44.89 0.00 0.00	42.90 0.00 0.00	54.37 0.00 0.00	52.69 0.00 0.00	53.34 0.00 0.00	54.07 0.00 0.00	57.09 0.00 0.00	57.38 0.00 0.00	55.38 0.00 0.00	85.67 0.00 0.00	79.94 0.00 0.00	63.92 0.00 0.00	58.84 0.00 0.00	55.32 0.00 0.00	55.50 0.00 0.00	55.44 0.00 0.00

NYPA_BRENTWD____GT 24164	37.79	35.64	33.98	33.79	35.72	38.70	48.87	52.37	51.56	49.03	67.00	65.54	65.52	66.38	75.54	83.58	91.26	110.02	102.83	94.79	90.72	86.99	69.83	63.24
	3.22	2.58	2.31	2.18	2.74	3.10	4.36	4.63	4.35	3.69	5.11	5.06	5.12	5.41	5.99	6.71	7.42	11.40	10.32	8.12	7.83	6.97	6.94	5.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.31	-2.44	-7.52	-7.78	-7.06	-6.90	-12.46	-19.49	-28.46	-12.96	-12.58	-22.75	-24.05	-24.69	-7.39	-1.81
NYPA_GOWANUS____GT5 24156	37.13	35.34	33.67	33.60	35.06	37.95	47.85	51.46	50.89	49.07	66.81	64.76	64.80	65.39	74.38	76.86	71.85	91.82	95.14	87.88	83.42	73.65	65.72	62.14
	2.56	2.28	2.00	1.99	2.08	2.35	3.34	3.73	3.68	3.73	4.90	4.84	4.96	4.97	5.31	5.51	5.70	9.34	8.39	6.65	6.06	5.36	5.16	4.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.54	-7.22	-6.50	-6.35	-11.99	-13.97	-10.77	3.19	-6.81	-17.30	-18.51	-12.97	-5.06	-1.82
NYPA_GOWANUS____GT6 24157	37.13	35.34	33.67	33.60	35.06	37.95	47.85	51.46	50.89	49.07	66.81	64.76	64.80	65.39	74.38	76.86	71.85	91.82	95.14	87.88	83.42	73.65	65.72	62.14
	2.56	2.28	2.00	1.99	2.08	2.35	3.34	3.73	3.68	3.73	4.90	4.84	4.96	4.97	5.31	5.51	5.70	9.34	8.39	6.65	6.06	5.36	5.16	4.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.54	-7.22	-6.50	-6.35	-11.99	-13.97	-10.77	3.19	-6.81	-17.30	-18.51	-12.97	-5.06	-1.82
NYPA_HARLEM__RVR__GT1 24160	37.14	35.32	33.70	33.64	35.03	37.84	47.67	51.22	50.58	48.86	66.64	65.19	65.22	65.80	74.94	82.29	75.67	96.61	100.08	92.93	88.71	75.84	68.00	62.03
	2.56	2.25	2.03	2.02	2.05	2.24	3.16	3.48	3.37	3.52	4.73	4.69	4.80	4.81	5.36	5.39	5.37	8.74	7.92	6.27	5.83	5.15	5.10	4.77
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.54	-7.80	-7.08	-6.92	-12.49	-19.53	-14.93	-2.20	-12.22	-22.74	-24.04	-15.37	-7.40	-1.82
NYPA_HARLEM__RVR__GT2 24161	37.14	35.32	33.70	33.64	35.03	37.84	47.67	51.22	50.58	48.86	66.64	65.19	65.22	65.80	74.94	82.29	75.67	96.61	100.08	92.93	88.71	75.84	68.00	62.03
	2.56	2.25	2.03	2.02	2.05	2.24	3.16	3.48	3.37	3.52	4.73	4.69	4.80	4.81	5.36	5.39	5.37	8.74	7.92	6.27	5.83	5.15	5.10	4.77
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.54	-7.80	-7.08	-6.92	-12.49	-19.53	-14.93	-2.20	-12.22	-22.74	-24.04	-15.37	-7.40	-1.82
NYPA_KENT____GT 24152	37.03	35.24	33.61	33.54	35.00	37.88	47.76	51.41	50.84	48.99	66.75	65.34	65.32	65.91	74.88	82.36	75.96	97.04	100.40	93.12	88.83	75.95	67.95	62.03
	2.45	2.18	1.93	1.93	2.01	2.28	3.25	3.68	3.63	3.64	4.84	4.84	4.90	4.92	5.31	5.45	5.65	9.17	8.24	6.45	5.94	5.26	5.05	4.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.54	-7.80	-7.08	-6.92	-12.49	-19.53	-14.93	-2.20	-12.23	-22.74	-24.04	-15.37	-7.40	-1.82
NYPA_POUCH1____GT 24155	37.13	35.31	33.64	33.57	35.06	37.91	47.80	51.41	50.80	48.99	66.64	65.24	65.22	65.80	74.71	82.24	75.89	97.04	100.40	93.19	88.83	75.95	67.95	62.03
	2.56	2.25	1.96	1.96	2.08	2.31	3.29	3.68	3.59	3.64	4.73	4.74	4.80	4.81	5.14	5.34	5.59	9.17	8.24	6.52	5.94	5.26	5.05	4.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.54	-7.80	-7.08	-6.92	-12.49	-19.53	-14.93	-2.20	-12.22	-22.74	-24.04	-15.37	-7.40	-1.82
NYPA_VERNON____GT2 24162	36.93	35.15	33.51	33.48	34.93	37.81	47.67	51.32	50.76	48.95	66.70	65.24	65.27	65.86	74.82	82.29	75.90	96.95	100.32	93.06	88.71	75.89	67.84	61.92
	2.35	2.08	1.84	1.86	1.95	2.21	3.16	3.58	3.55	3.60	4.79	4.74	4.85	4.87	5.25	5.39	5.59	9.08	8.16	6.39	5.83	5.20	4.94	4.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.54	-7.80	-7.08	-6.93	-12.49	-19.53	-14.93	-2.20	-12.23	-22.74	-24.04	-15.37	-7.40	-1.82
NYPA_VERNON____GT3 24163	36.93	35.15	33.51	33.48	34.93	37.81	47.67	51.32	50.76	48.95	66.70	65.24	65.27	65.86	74.82	82.29	75.90	96.95	100.32	93.06	88.71	75.89	67.84	61.92
	2.35	2.08	1.84	1.86	1.95	2.21	3.16	3.58	3.55	3.60	4.79	4.74	4.85	4.87	5.25	5.39	5.59	9.08	8.16	6.39	5.83	5.20	4.94	4.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.54	-7.80	-7.08	-6.93	-12.49	-19.53	-14.93	-2.20	-12.23	-22.74	-24.04	-15.37	-7.40	-1.82
NYPA__ASTORIA_CC1 323568	36.89	35.15	33.51	33.44	34.90	37.74	47.58	51.22	50.67	48.86	66.64	65.19	65.22	65.80	74.82	82.24	75.84	96.86	100.16	93.00	88.66	75.84	67.84	61.86
	2.32	2.08	1.84	1.83	1.91	2.14	3.07	3.48	3.46	3.52	4.73	4.69	4.80	4.81	5.25	5.34	5.54	8.99	7.99	6.33	5.77	5.15	4.94	4.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.54	-7.80	-7.08	-6.92	-12.49	-19.53	-14.93	-2.20	-12.22	-22.74	-24.04	-15.37	-7.40	-1.82
NYPA__ASTORIA_CC2 323569	36.93	35.15	33.51	33.44	34.90	37.77	47.58	51.22	50.67	48.86	66.70	65.24	65.27	65.86	74.82	82.29	75.89	96.94	100.23	93.06	88.71	75.89	67.84	61.92
	2.35	2.08	1.84	1.83	1.91	2.17	3.07	3.48	3.46	3.52	4.79	4.74	4.85	4.87	5.25	5.39	5.59	9.08	8.07	6.39	5.83	5.20	4.94	4.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.54	-7.80	-7.08	-6.92	-12.49	-19.53	-14.93	-2.20	-12.22	-22.74	-24.04	-15.37	-7.40	-1.82
NYPA__HOLTSVILL 23794	37.62	35.48	33.83	33.60	35.52	38.48	48.60	52.08	51.29	48.73	66.57	65.12	65.14	65.94	75.08	83.13	90.87	110.02	102.75	94.73	90.25	86.54	69.38	62.80
	3.04	2.41	2.15	1.99	2.54	2.88	4.09	4.34	4.08	3.39	4.68	4.64	4.75	4.97	5.54	6.25	7.03	11.40	10.23	8.05	7.35	6.52	6.49	5.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.31	-2.44	-7.52	-7.78	-7.06	-6.90	-12.46	-19.49	-28.46	-12.96	-12.58	-22.75	-24.05	-24.69	-7.39	-1.81
NYPA__HELLGATE_GT1 24158	37.14	35.32	33.70	33.64	35.03	37.84	47.67	51.18	50.53	48.82	66.59	65.14	65.16	65.80	74.88	82.29	75.67	96.61	100.08	92.93	88.71	75.84	68.00	62.03
	2.56	2.25	2.03	2.02	2.05	2.24	3.16	3.44	3.32	3.47	4.68	4.64	4.75	4.81	5.31	5.39	5.37	8.74	7.92	6.27	5.83	5.15	5.10	4.77
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.54	-7.80	-7.08	-6.92	-12.49	-19.53	-14.93	-2.20	-12.22	-22.74	-24.04	-15.37	-7.40	-1.82
NYPA__HELLGATE_GT2 24159	37.14	35.32	33.70	33.64	35.03	37.84	47.67	51.18	50.53	48.82	66.59	65.14	65.16	65.80	74.88	82.29	75.67	96.61	100.08	92.93	88.71	75.84	68.00	62.03
	2.56	2.25	2.03	2.02	2.05	2.24	3.16	3.44	3.32	3.47	4.68	4.64	4.75	4.81	5.31	5.39	5.37	8.74	7.92	6.27	5.83	5.15	5.10	4.77
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.54	-7.80	-7.08	-6.92	-12.49	-19.53	-14.93	-2.20	-12.22	-22.74	-24.04	-15.37	-7.40	-1.82
NYS_BARGE__HYD 23848	32.46	30.85	29.74	29.65	30.97	33.75	42.02	43.30	40.76	38.95	47.90	45.70	46.52	47.52	50.12	51.06	50.98	77.38	73.95	60.23	53.27	51.07	51.41	51.80
	-2.11	-2.21	-1.93	-1.96	-2.01	-1.85	-2.49	-4.44	-4.13	-3.95	-6.47	-6.75	-6.72	-6.54	-6.97	-6.94	-6.31	-8.22	-7.92	-6.65	-6.36	-6.25	-5.05	-3.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.10	0.00	0.00	-0.63	-1.92	0.06	-1.93	-2.95	-0.78	-2.00	-0.96	-0.24

OAK ORCHARD___HYD 24046	33.12 -1.45 0.00	31.64 -1.42 0.00	30.37 -1.30 0.00	30.31 -1.30 0.00	31.60 -1.38 0.00	34.35 -1.25 0.00	42.86 -1.65 0.00	45.21 -2.53 0.00	42.38 -2.51 0.00	40.58 -2.32 0.00	50.41 -3.97 0.00	48.60 -4.11 -0.01	49.40 -3.95 -0.01	50.01 -4.06 0.00	52.92 -4.16 0.00	53.96 -4.07 -0.65	53.73 -3.60 -1.96	81.24 -4.71 -0.28	75.70 -4.24 0.00	63.42 -3.52 -3.01	58.77 -3.47 -3.39	53.76 -3.59 -2.04	53.71 -2.77 -0.98	53.69 -1.99 -0.24
OAKDALE___35_KV_LOAD 356122	34.61 0.03 0.00	33.03 -0.03 0.00	31.74 0.06 0.00	31.67 0.06 0.00	33.08 0.10 0.00	35.85 0.25 0.00	44.82 0.31 0.00	47.79 0.05 0.00	44.71 0.09 0.27	42.65 0.04 0.29	53.06 -0.43 0.88	51.19 -0.58 0.92	51.96 -0.53 0.85	52.77 -0.49 0.81	55.17 -0.46 1.46	57.07 -0.34 -0.03	60.50 -0.06 -5.18	87.03 0.51 -0.85	85.21 0.40 -4.87	72.10 0.26 -7.92	66.81 0.18 -7.78	60.56 -0.11 -5.35	57.96 -0.11 -2.57	55.95 -0.11 -0.62
OCC_CHEM___DRP 24175	31.57 -3.01 0.00	30.05 -3.01 0.00	29.14 -2.53 0.00	29.08 -2.53 0.00	30.31 -2.67 0.00	33.04 -2.56 0.00	41.04 -3.47 0.00	42.01 -5.73 0.00	39.64 -5.25 0.00	37.88 -5.02 0.00	46.70 -7.67 0.00	44.59 -7.80 0.31	45.48 -7.73 0.13	46.33 -7.73 0.00	48.81 -8.28 0.00	49.72 -8.26 -0.61	49.51 -7.70 -1.83	74.53 -11.05 0.09	71.79 -10.15 -2.00	58.31 -8.44 -2.83	50.59 -7.94 0.31	49.65 -7.58 -1.91	50.21 -6.22 -0.92	50.85 -4.82 -0.23
OH_GEN_PROXY 24063	32.15 -2.42 0.00	30.55 -2.51 0.00	29.46 -2.22 0.00	29.37 -2.24 0.00	30.68 -2.31 0.00	33.36 -2.24 0.00	41.44 -3.07 0.00	42.58 -5.16 0.00	40.13 -4.76 0.00	38.39 -4.50 0.00	47.30 -7.07 0.00	45.23 -7.17 0.29	46.01 -7.20 0.13	46.98 -7.08 0.00	49.55 -7.54 0.00	50.53 -7.46 -0.61	50.27 -6.92 -1.82	75.70 -9.94 0.03	72.73 -9.19 -1.98	59.18 -7.54 -2.80	51.32 -7.12 0.40	50.35 -6.86 -1.89	50.75 -5.66 -0.91	51.18 -4.49 -0.23
OLIN_CORP_DRP 24177	31.50 -3.08 0.00	29.99 -3.07 0.00	29.08 -2.60 0.00	29.02 -2.59 0.00	30.25 -2.74 0.00	32.97 -2.63 0.00	40.99 -3.52 0.00	41.96 -5.78 0.00	39.60 -5.30 0.00	37.84 -5.06 0.00	46.65 -7.72 0.00	44.44 -7.96 0.30	45.43 -7.79 0.12	46.28 -7.79 0.00	48.75 -8.33 0.00	49.69 -8.32 -0.63	49.52 -7.75 -1.90	74.95 -10.62 0.10	71.73 -10.23 -2.03	58.43 -8.44 -2.94	50.95 -7.94 -0.05	49.68 -7.63 -1.99	50.08 -6.38 -0.96	50.63 -5.05 -0.24
OLIN_CORP_DSASP 323712	31.84 -2.73 0.00	30.22 -2.84 0.00	29.14 -2.54 0.00	29.08 -2.53 0.00	30.38 -2.61 0.00	33.04 -2.56 0.00	41.04 -3.47 0.00	42.01 -5.73 0.00	39.64 -5.25 0.00	37.88 -5.02 0.00	46.65 -7.72 0.00	44.53 -7.85 0.31	45.37 -7.84 0.13	46.33 -7.73 0.00	48.80 -8.28 0.00	49.72 -8.26 -0.61	49.51 -7.70 -1.83	74.52 -11.05 0.09	71.71 -10.23 -2.00	58.30 -8.44 -2.82	50.58 -7.95 0.32	49.65 -7.58 -1.91	50.21 -6.21 -0.92	50.85 -4.82 -0.23
ONEIDA_HERK_LFGE 323681	38.60 0.38 -3.64	36.75 0.17 -3.52	35.30 0.22 -3.40	35.20 0.19 -3.40	36.07 0.23 -2.85	35.92 0.32 0.00	45.05 0.54 0.00	48.60 0.86 0.00	45.52 0.63 0.00	43.54 0.64 0.00	60.02 0.43 -5.22	57.55 0.32 -4.53	58.19 0.27 -4.58	59.04 0.33 -4.65	62.90 0.40 -5.41	62.88 0.40 -5.10	56.82 0.94 -0.51	89.54 2.22 -1.64	82.17 2.24 0.00	66.25 1.53 -0.80	61.04 1.35 -0.85	56.69 0.83 -0.54	56.59 0.83 -0.26	56.28 0.78 -0.06
ONEIDA___115KV_TB4 55905	36.91 0.80 -1.54	35.18 0.63 -1.49	33.78 0.67 -1.44	33.68 0.63 -1.44	34.89 0.69 -1.21	36.56 0.96 0.00	45.80 1.29 0.00	49.27 1.53 0.00	46.20 1.30 0.00	44.14 1.24 0.00	57.78 1.20 -2.21	55.67 1.05 -1.92	56.29 1.01 -1.94	57.12 1.08 -1.97	60.57 1.20 -2.29	61.03 1.26 -2.39	58.00 1.72 -0.91	89.81 3.34 -0.80	83.06 3.12 0.00	67.62 2.30 -1.39	62.32 2.00 -1.47	57.75 1.49 -0.94	57.40 1.44 -0.45	56.94 1.39 -0.11
ONONDAGA_REF_OCCRA 23987	34.23 -0.35 0.00	32.70 -0.36 0.00	31.36 -0.32 0.00	31.29 -0.32 0.00	32.69 -0.30 0.00	35.42 -0.18 0.00	44.29 -0.22 0.00	47.36 -0.38 0.00	44.53 -0.36 0.00	42.51 -0.39 0.00	53.56 -0.82 0.00	51.85 -0.84 0.00	52.54 -0.80 0.00	53.20 -0.87 0.00	56.23 -0.86 0.00	57.14 -0.80 -0.57	56.60 -0.50 -1.72	85.67 -0.26 -0.25	79.78 -0.16 0.00	66.30 -0.26 -2.63	61.33 -0.29 -2.78	56.54 -0.55 -1.77	55.85 -0.50 -0.85	55.21 -0.44 -0.22
ONONDAGA___COGEN 23986	34.23 -0.35 0.00	32.70 -0.36 0.00	31.36 -0.32 0.00	31.29 -0.32 0.00	32.69 -0.30 0.00	35.42 -0.18 0.00	44.24 -0.27 0.00	47.36 -0.38 0.00	44.49 -0.40 0.00	42.51 -0.39 0.00	53.50 -0.87 0.00	51.80 -0.90 0.00	52.49 -0.85 0.00	53.20 -0.87 0.00	56.23 -0.86 0.00	57.11 -0.80 -0.53	56.43 -0.55 -1.61	85.56 -0.34 -0.24	79.70 -0.24 0.00	66.12 -0.26 -2.45	61.15 -0.29 -2.60	56.43 -0.55 -1.66	55.80 -0.50 -0.80	55.20 -0.44 -0.20
ONTARIO___LFGE 23819	34.12 -0.45 0.00	32.60 -0.46 0.00	31.26 -0.41 0.00	31.23 -0.38 0.00	32.62 -0.36 0.00	35.56 -0.04 0.00	44.55 0.04 0.00	47.17 -0.57 0.00	44.44 -0.45 0.00	42.38 -0.51 0.00	52.52 -1.85 0.00	50.72 -2.06 -0.08	51.31 -2.03 0.00	52.07 -2.00 0.00	55.20 -1.88 0.00	56.30 -1.84 -0.76	56.39 -1.27 -2.29	85.63 -0.69 -0.64	81.40 -0.48 -1.93	66.87 -0.58 -3.53	61.84 -0.65 -3.64	56.60 -1.11 -2.38	55.70 -0.94 -1.15	54.95 -0.78 -0.28
ORANGEVILLE_WT_PWR 323706	32.50 -2.07 0.00	30.88 -2.18 0.00	29.77 -1.90 0.00	29.75 -1.87 0.00	31.07 -1.91 0.00	33.86 -1.74 0.00	42.19 -2.32 0.00	43.82 -3.91 0.00	41.26 -3.63 0.00	39.29 -3.60 0.00	48.39 -5.98 0.00	45.85 -6.22 0.63	47.06 -6.19 0.09	48.06 -6.00 0.00	50.74 -6.34 0.00	52.07 -6.14 -0.83	52.41 -5.48 -2.51	77.21 -7.11 1.35	76.03 -6.40 -2.49	62.47 -5.31 -3.85	55.62 -4.88 -1.66	52.94 -4.98 -2.60	52.48 -4.27 -1.25	52.15 -3.60 -0.31
ORANGEVILLE___ESR 323794	32.50 -2.07 0.00	30.88 -2.18 0.00	29.77 -1.90 0.00	29.75 -1.87 0.00	31.07 -1.91 0.00	33.86 -1.74 0.00	42.19 -2.32 0.00	43.82 -3.91 0.00	41.26 -3.63 0.00	39.29 -3.60 0.00	48.39 -5.98 0.00	45.85 -6.22 0.63	47.06 -6.19 0.09	48.06 -6.00 0.00	50.74 -6.34 0.00	52.07 -6.14 -0.83	52.41 -5.48 -2.51	77.21 -7.11 1.35	76.03 -6.40 -2.49	62.47 -5.31 -3.85	55.62 -4.88 -1.66	52.94 -4.98 -2.60	52.48 -4.27 -1.25	52.15 -3.60 -0.31
OSWEGATCHIE___HYD 24044	51.57 -1.24 -18.24	49.21 -1.49 -17.63	47.32 -1.39 -17.04	47.17 -1.45 -17.02	45.83 -1.45 -14.30	33.46 -2.14 0.00	41.88 -2.63 0.00	45.64 -2.10 0.00	42.47 -2.42 0.00	40.84 -2.06 0.00	77.24 -3.26 -26.12	72.13 -3.27 -22.70	72.89 -3.41 -22.96	74.01 -3.35 -23.30	80.72 -3.48 -27.12	78.74 -3.50 -24.87	53.08 -2.88 -0.58	90.35 -3.26 -7.93	77.46 -2.48 0.00	62.60 -2.24 -0.91	57.70 -2.12 -0.97	53.12 -2.82 -0.62	53.63 -2.17 -0.30	53.96 -1.55 -0.07
OSWEGO___5 23606	33.71 -0.86 0.00	32.24 -0.83 0.00	30.88 -0.79 0.00	30.82 -0.79 0.00	32.16 -0.82 0.00	34.82 -0.78 0.00	43.40 -1.11 0.00	46.40 -1.34 0.00	43.59 -1.30 0.00	41.70 -1.20 0.00	52.52 -1.85 0.00	50.85 -1.85 0.00	51.53 -1.81 0.00	52.23 -1.84 0.00	55.20 -1.88 0.00	55.89 -1.89 -0.40	54.93 -1.66 -1.21	83.71 -2.14 -0.18	77.94 -2.00 0.00	64.14 -1.66 -1.88	59.25 -1.59 -1.99	54.93 -1.66 -1.27	54.56 -1.55 -0.61	54.10 -1.49 -0.15

OSWEGO___6 23613	33.71 -0.86 0.00	32.24 -0.83 0.00	30.88 -0.79 0.00	30.82 -0.79 0.00	32.16 -0.82 0.00	34.82 -0.78 0.00	43.40 -1.11 0.00	46.40 -1.34 0.00	43.59 -1.30 0.00	41.70 -1.20 0.00	52.52 -1.85 0.00	50.85 -1.85 0.00	51.53 -1.81 0.00	52.23 -1.84 0.00	55.20 -1.88 0.00	55.89 -1.89 -0.40	54.93 -1.66 -1.21	83.71 -2.14 -0.18	77.94 -2.00 0.00	64.14 -1.66 -1.88	59.25 -1.59 -1.99	54.93 -1.66 -1.27	54.56 -1.55 -0.61	54.10 -1.49 -0.15
OUTOKUMPU-AB___DRP 24206	32.40 -2.18 0.00	30.81 -2.25 0.00	29.90 -1.77 0.00	29.84 -1.77 0.00	31.10 -1.88 0.00	33.93 -1.67 0.00	42.28 -2.23 0.00	43.44 -4.30 0.00	41.03 -3.86 0.00	39.12 -3.77 0.00	48.28 -6.09 0.00	46.02 -6.38 0.30	46.99 -6.24 0.11	47.90 -6.16 0.00	50.40 -6.68 0.00	51.36 -6.66 -0.64	51.22 -6.09 -1.94	77.42 -8.14 0.11	74.46 -7.51 -2.03	60.53 -6.39 -3.00	53.06 -6.06 -0.28	51.37 -5.97 -2.03	51.65 -4.83 -0.98	51.97 -3.71 -0.24
OXBOW___BTM 323836	32.29 -2.28 0.00	30.65 -2.41 0.00	29.58 -2.09 0.00	29.49 -2.12 0.00	30.81 -2.18 0.00	33.53 -2.07 0.00	41.71 -2.80 0.00	42.82 -4.92 0.00	40.40 -4.49 0.00	38.61 -4.29 0.00	47.52 -6.85 0.00	45.33 -7.06 0.30	46.18 -7.04 0.12	47.20 -6.87 0.00	49.72 -7.36 0.00	50.66 -7.34 -0.63	50.45 -6.81 -1.88	76.23 -9.34 0.11	73.24 -8.71 -2.02	59.53 -7.29 -2.90	51.93 -6.88 0.03	50.59 -6.70 -1.96	51.01 -5.44 -0.95	51.46 -4.22 -0.24
OXBOW____ 24026	32.05 -2.52 0.00	30.48 -2.58 0.00	29.58 -2.09 0.00	29.49 -2.12 0.00	30.77 -2.21 0.00	33.53 -2.06 0.00	41.71 -2.80 0.00	42.82 -4.92 0.00	40.40 -4.49 0.00	38.56 -4.33 0.00	47.57 -6.80 0.00	45.38 -7.01 0.30	46.34 -6.88 0.12	47.25 -6.81 0.00	49.72 -7.36 0.00	50.66 -7.34 -0.63	50.45 -6.81 -1.88	76.14 -9.42 0.10	73.32 -8.63 -2.02	59.55 -7.29 -2.91	51.95 -6.88 0.01	50.60 -6.69 -1.97	51.01 -5.44 -0.95	51.46 -4.21 -0.24
OXY_CHEM_DSASP 323612	31.57 -3.01 0.00	30.05 -3.01 0.00	29.14 -2.53 0.00	29.08 -2.53 0.00	30.31 -2.67 0.00	33.04 -2.56 0.00	41.04 -3.47 0.00	42.01 -5.73 0.00	39.64 -5.25 0.00	37.88 -5.02 0.00	46.70 -7.67 0.00	44.59 -7.80 0.31	45.48 -7.73 0.13	46.33 -7.73 0.00	48.81 -8.28 0.00	49.72 -8.26 -0.61	49.51 -7.70 -1.83	74.53 -11.05 0.09	71.79 -10.15 -2.00	58.31 -8.44 -2.83	50.59 -7.94 0.31	49.65 -7.58 -1.91	50.21 -6.22 -0.92	50.85 -4.82 -0.23
OZONE_PARK_ESR 323760	37.06 2.49 0.00	35.34 2.28 0.00	33.61 1.93 0.00	33.54 1.93 0.00	35.03 2.05 0.00	37.95 2.35 0.00	47.94 3.43 0.00	51.65 3.91 -2.32	51.12 3.91 -2.45	49.21 3.86 -7.54	66.81 4.89 -7.80	65.40 4.90 -7.07	65.37 4.96 -6.92	66.01 5.03 -12.49	74.94 5.37 -19.53	82.47 5.57 -14.92	76.11 5.81 -2.19	97.37 9.51 -12.22	100.63 8.47 -22.77	93.34 6.65 -24.07	88.98 6.06 -15.39	76.07 5.37 -7.40	68.01 5.11 -1.81	62.02 4.77 -1.81
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	31.57 -3.01 0.00	30.05 -3.01 0.00	29.14 -2.53 0.00	29.08 -2.53 0.00	30.31 -2.67 0.00	33.04 -2.56 0.00	41.04 -3.47 0.00	42.01 -5.73 0.00	39.64 -5.25 0.00	37.88 -5.02 0.00	46.70 -7.67 0.00	44.59 -7.80 0.31	45.48 -7.73 0.13	46.33 -7.73 0.00	48.81 -8.28 0.00	49.72 -8.26 -0.61	49.51 -7.70 -1.83	74.53 -11.05 0.09	71.79 -10.15 -2.00	58.31 -8.44 -2.83	50.59 -7.94 0.31	49.65 -7.58 -1.91	50.21 -6.22 -0.92	50.85 -4.82 -0.23
PACKARD___115KV_DUPONT_184 80571	31.57 -3.01 0.00	30.05 -3.01 0.00	29.14 -2.53 0.00	29.08 -2.53 0.00	30.31 -2.67 0.00	33.04 -2.56 0.00	41.04 -3.47 0.00	42.01 -5.73 0.00	39.64 -5.25 0.00	37.88 -5.02 0.00	46.70 -7.67 0.00	44.59 -7.80 0.31	45.48 -7.73 0.13	46.33 -7.73 0.00	48.81 -8.28 0.00	49.72 -8.26 -0.61	49.51 -7.70 -1.83	74.53 -11.05 0.09	71.79 -10.15 -2.00	58.31 -8.44 -2.83	50.59 -7.94 0.31	49.65 -7.58 -1.91	50.21 -6.22 -0.92	50.85 -4.82 -0.23
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	37.13 2.56 0.00	35.41 2.35 0.00	33.64 1.96 0.00	33.57 1.96 0.00	35.03 2.05 0.00	37.84 2.24 0.00	47.67 3.16 0.00	51.27 3.53 -2.32	50.62 3.41 -2.45	48.86 3.52 -7.54	66.54 4.62 -7.80	65.14 4.64 -7.08	65.11 4.69 -6.92	65.75 4.76 -12.49	74.77 5.19 -19.53	82.30 5.39 -14.93	75.73 5.43 -2.20	96.69 8.82 -12.22	100.08 7.91 -22.78	93.03 6.33 -24.08	88.75 5.83 -15.39	75.92 5.20 -7.41	67.96 5.05 -1.82	61.97 4.71 -1.82
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	37.51 2.94 0.00	35.77 2.71 0.00	33.95 2.28 0.00	33.89 2.28 0.00	35.36 2.37 0.00	38.16 2.56 0.00	48.07 3.56 0.00	51.75 4.01 -2.32	51.03 3.82 -2.45	49.25 3.90 -7.54	66.97 5.06 -7.80	65.56 5.06 -7.08	65.54 5.12 -6.92	66.18 5.19 -12.49	75.17 5.59 -19.53	82.75 5.85 -14.93	76.23 5.93 -2.20	97.47 9.60 -12.22	100.80 8.63 -22.78	93.54 6.84 -24.08	89.28 6.36 -15.39	76.41 5.70 -7.41	68.46 5.55 -1.82	62.47 5.21 -1.82
PATROON___115KV_TB1 80586	35.23 0.66 0.00	33.79 0.73 0.00	32.28 0.60 0.00	32.21 0.60 0.00	33.64 0.66 0.00	36.31 0.71 0.00	45.53 1.02 0.00	48.79 1.05 0.00	46.51 1.12 -0.50	44.58 1.16 -0.52	58.49 2.50 -1.61	56.79 2.42 -1.67	57.31 2.45 -1.51	58.09 2.54 -1.48	62.32 2.57 -2.67	69.48 2.30 -9.80	77.32 2.16 -19.79	92.09 3.51 -2.90	121.91 3.20 -38.77	96.68 2.56 -30.20	93.20 2.35 -32.01	77.94 2.21 -20.41	67.65 2.33 -9.82	60.17 2.33 -2.41
PATTRSNVILLE___SOLAR 323815	35.82 1.24 0.00	34.35 1.29 0.00	32.85 1.17 0.00	32.78 1.17 0.00	34.27 1.29 0.00	37.03 1.43 0.00	46.47 1.96 0.00	49.79 2.05 0.00	47.25 1.93 -0.42	44.97 1.63 -0.45	57.70 1.95 -1.37	55.96 1.84 -1.42	56.55 1.92 -1.29	57.27 1.94 -1.26	61.53 2.17 -2.28	69.57 2.52 -9.67	78.88 2.71 -20.80	93.34 4.62 -3.05	140.36 4.39 -56.03	99.14 3.51 -31.70	95.62 3.18 -33.60	79.62 2.87 -21.42	68.64 2.83 -10.31	60.63 2.66 -2.53
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	33.54 -1.04 0.00	31.87 -1.19 0.00	30.88 -0.79 0.00	30.85 -0.76 0.00	32.19 -0.79 0.00	35.10 -0.50 0.00	43.75 -0.76 0.00	45.16 -2.58 0.00	42.69 -2.20 0.00	40.71 -2.19 0.00	50.08 -4.30 0.00	47.65 -4.74 0.30	48.64 -4.59 0.11	49.68 -4.38 0.00	52.23 -4.85 0.00	53.27 -4.82 -0.72	53.15 -4.37 -2.15	80.42 -5.14 0.11	77.37 -4.80 -2.23	62.90 -4.35 -3.32	55.35 -4.12 -0.62	53.14 -4.43 -2.24	52.09 -4.50 -1.08	51.16 -4.55 -0.27
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	36.99 2.42 0.00	35.28 2.22 0.00	33.57 1.90 0.00	33.48 1.87 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.98 3.47 0.00	51.51 3.77 0.00	49.68 3.73 -1.06	47.53 3.52 -1.12	62.27 4.46 -3.44	60.73 4.48 -3.56	61.10 4.53 -3.23	61.82 4.60 -3.16	67.75 4.97 -5.70	74.46 5.34 -11.75	75.89 5.48 -15.04	96.96 9.08 -2.21	100.91 8.47 -12.50	93.52 6.65 -22.95	89.28 6.18 -24.26	76.19 5.37 -15.51	68.18 5.22 -7.46	62.15 4.88 -1.83
PEEKSKILL____ 23653	36.44 1.87 0.00	34.72 1.65 0.00	33.16 1.49 0.00	33.10 1.49 0.00	34.57 1.58 0.00	37.38 1.78 0.00	47.09 2.58 0.00	50.65 2.91 0.00	50.35 2.96 -2.49	48.41 2.87 -2.63	66.34 3.86 -8.11	64.93 3.84 -8.39	64.84 3.89 -7.61	65.46 3.94 -7.44	74.80 4.28 -13.43	82.30 4.42 -20.51	74.68 4.54 -14.77	95.29 7.45 -2.17	98.67 6.63 -12.10	91.67 5.24 -22.50	87.46 4.83 -23.79	74.78 4.26 -15.20	66.98 4.16 -7.31	61.06 3.82 -1.79

PGE MADISON___WINDPWR 24146	37.06 2.49 0.00	35.05 1.98 0.00	33.73 2.06 0.00	33.66 2.05 0.00	35.20 2.21 0.00	38.41 2.81 0.00	48.38 3.87 0.00	56.09 8.35 0.00	51.44 7.09 0.55	48.88 6.56 0.58	59.01 6.41 1.78	56.84 6.00 1.86	57.58 5.92 1.68	58.49 6.05 1.63	60.82 6.68 2.94	63.33 7.06 1.10	71.85 9.47 -7.00	96.25 9.76 -0.82	95.38 9.35 -6.10	79.33 6.97 -8.44	73.67 6.18 -8.65	65.83 4.81 -5.70	62.91 4.66 -2.74	60.49 4.38 -0.67
PIERCEFIELD___HYD 23852	59.96 -1.49 -26.88	57.32 -1.72 -25.98	55.14 -1.65 -25.11	55.00 -1.68 -25.07	52.33 -1.72 -21.06	32.68 -2.92 0.00	40.77 -3.74 0.00	44.68 -3.06 0.00	41.48 -3.41 0.00	39.98 -2.92 0.00	88.51 -4.35 -38.49	81.87 -4.27 -33.45	82.74 -4.43 -33.83	84.01 -4.38 -34.32	92.36 -4.68 -39.95	89.18 -4.70 -36.51	51.59 -4.26 -0.48	91.99 -5.31 -11.63	75.62 -4.32 0.00	61.02 -3.64 -0.73	56.33 -3.30 -0.78	51.67 -4.15 -0.50	52.80 -2.94 -0.24	53.73 -1.77 -0.06
PINELAWN_CC_1 323563	37.51 2.94 0.00	35.41 2.35 0.00	33.76 2.09 0.00	33.57 1.96 0.00	35.46 2.48 0.00	38.38 2.78 0.00	48.47 3.96 0.00	51.89 4.15 0.00	51.16 3.95 -2.31	48.77 3.43 -2.44	66.57 4.68 -7.52	65.12 4.64 -7.78	65.14 4.75 -7.06	65.94 4.97 -6.90	75.08 5.54 -12.46	82.55 5.68 -19.49	89.98 6.15 -28.46	108.22 9.59 -12.96	101.47 8.95 -12.58	93.71 7.03 -22.75	89.37 6.47 -24.05	85.82 5.81 -24.69	69.22 6.32 -7.39	62.69 5.44 -1.81
PJM_GEN_HTP_PROXY 323702	36.72 2.14 0.00	34.98 1.92 0.00	33.35 1.68 0.00	33.32 1.71 0.00	34.80 1.81 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.18 3.44 0.00	50.72 3.50 -2.32	48.82 3.47 -2.45	66.38 4.46 -7.55	64.98 4.48 -7.81	64.95 4.53 -7.08	65.54 4.54 -6.93	74.55 4.96 -12.50	82.02 5.10 -19.54	75.56 5.26 -14.92	96.42 8.57 -2.19	99.75 7.60 -12.22	92.66 6.01 -22.73	88.35 5.47 -24.03	75.49 4.81 -15.36	67.49 4.60 -7.39	61.52 4.27 -1.81
PJM_GEN_KEystone 24065	34.68 0.10 0.00	33.03 -0.03 0.00	31.67 0.00 0.00	31.61 0.00 0.00	33.02 0.03 0.00	35.78 0.18 0.00	44.82 0.31 0.00	47.50 -0.24 0.00	41.78 -0.04 3.07	39.65 0.00 3.24	43.90 -0.49 9.98	41.64 -0.63 10.43	43.34 -0.59 9.42	44.41 -0.49 9.16	40.09 -0.46 16.54	40.87 -0.34 16.16	64.26 -0.11 -9.00	87.43 0.52 -1.25	87.76 0.24 -7.59	77.70 0.06 -13.71	72.10 -0.06 -13.31	64.26 -0.33 -9.27	59.74 -0.22 -4.46	55.72 -0.22 -0.50
PJM_GEN_NEPTUNE_PROXY 323594	36.99 2.42 0.00	34.98 1.92 0.00	33.38 1.71 0.00	33.19 1.58 0.00	35.00 2.01 0.00	37.88 2.28 0.00	47.80 3.29 0.00	51.18 3.44 0.00	50.57 3.37 -2.31	48.30 2.96 -2.44	65.97 4.08 -7.52	64.53 4.06 -7.78	64.56 4.16 -7.06	65.30 4.33 -6.90	74.39 4.85 -12.46	82.21 5.34 -19.49	89.49 5.65 -28.46	107.70 9.08 -12.96	100.67 8.16 -12.58	93.20 6.52 -22.75	88.84 5.94 -24.05	85.33 5.31 -24.69	68.27 5.38 -7.39	61.85 4.60 -1.81
PJM_GEN_VFT_PROXY 323633	36.61 2.04 0.00	34.85 1.78 0.00	33.23 1.55 0.00	33.19 1.58 0.00	34.63 1.65 0.00	37.52 1.92 0.00	47.36 2.85 0.00	51.03 3.29 0.00	50.58 3.37 -2.32	48.69 3.35 -2.45	66.04 4.13 -7.54	64.61 4.11 -7.80	64.63 4.21 -7.07	65.21 4.22 -6.92	74.14 4.57 -12.49	81.61 4.71 -19.53	75.22 4.93 -14.92	95.91 8.05 -2.19	99.27 7.11 -12.22	92.22 5.56 -22.73	87.94 5.06 -24.03	75.16 4.48 -15.36	67.06 4.16 -7.39	61.13 3.88 -1.81
PLATSBURG_115KV_PMLD1 355749	-6.89 -1.21 40.25	-6.99 -1.16 38.90	-7.07 -1.14 37.60	-7.10 -1.17 37.54	0.22 -1.22 31.54	34.21 -1.39 0.00	42.60 -1.91 0.00	46.07 -1.67 0.00	43.19 -1.71 0.00	41.10 -1.80 0.00	-5.71 -2.45 57.64	0.29 -2.32 50.09	0.28 -2.40 50.66	0.23 -2.43 51.40	-5.43 -2.68 59.83	0.19 -2.75 54.43	52.83 -2.55 0.00	64.08 -4.28 17.31	76.26 -3.68 0.00	61.94 -1.98 0.00	57.37 -1.47 0.00	53.50 -1.83 0.00	53.50 -2.00 0.00	53.83 -1.61 0.00
PLEASANTVLY___LBMP 24000	36.44 1.87 0.00	34.78 1.72 0.00	33.16 1.49 0.00	33.10 1.49 0.00	34.60 1.62 0.00	37.34 1.74 0.00	47.05 2.54 0.00	50.60 2.86 0.00	49.37 2.87 -1.60	47.38 2.79 -1.69	63.33 3.75 -5.21	61.88 3.79 -5.39	62.07 3.84 -4.89	62.74 3.89 -4.78	69.82 4.11 -8.63	77.13 4.36 -15.39	75.31 4.32 -15.62	94.99 7.02 -2.29	99.00 6.32 -12.75	92.74 4.99 -23.83	88.63 4.59 -25.20	75.52 4.09 -16.10	67.30 4.05 -7.75	61.11 3.77 -1.90
PLSNTVLE_13_KV_13.8KVDIST 80602	36.68 2.11 0.00	34.98 1.92 0.00	33.32 1.65 0.00	33.25 1.64 0.00	34.77 1.78 0.00	37.56 1.96 0.00	47.36 2.85 0.00	50.98 3.25 0.00	50.27 3.28 -2.10	48.29 3.17 -2.22	65.33 4.13 -6.82	63.91 4.16 -7.06	63.95 4.21 -6.40	64.60 4.27 -6.26	72.95 4.57 -11.30	80.43 4.82 -18.24	75.21 4.82 -15.02	95.84 7.97 -2.21	99.43 7.19 -12.29	92.47 5.63 -22.92	88.25 5.18 -24.23	75.40 4.59 -15.49	67.39 4.44 -7.45	61.37 4.10 -1.83
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.68 2.11 0.00	34.98 1.92 0.00	33.32 1.65 0.00	33.25 1.64 0.00	34.77 1.78 0.00	37.56 1.96 0.00	47.36 2.85 0.00	50.98 3.25 0.00	50.27 3.28 -2.10	48.29 3.17 -2.22	65.33 4.13 -6.82	63.91 4.16 -7.06	63.95 4.21 -6.40	64.60 4.27 -6.26	72.95 4.57 -11.30	80.43 4.82 -18.24	75.21 4.82 -15.02	95.84 7.97 -2.21	99.43 7.19 -12.29	92.47 5.63 -22.92	88.25 5.18 -24.23	75.40 4.59 -15.49	67.39 4.44 -7.45	61.37 4.10 -1.83
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.68 2.11 0.00	35.01 1.95 0.00	33.35 1.68 0.00	33.29 1.68 0.00	34.83 1.85 0.00	37.63 2.03 0.00	47.49 2.98 0.00	51.08 3.34 0.00	48.83 3.28 -0.66	46.60 3.00 -0.70	60.50 3.97 -2.16	58.93 4.00 -2.23	59.47 4.11 -2.02	60.26 4.22 -1.98	65.17 4.51 -3.58	71.65 4.93 -9.34	75.65 5.04 -15.23	96.22 8.31 -2.24	100.59 7.59 -13.05	93.18 6.01 -23.25	88.95 5.53 -24.58	75.95 4.92 -15.71	67.89 4.83 -7.56	61.78 4.49 -1.85
POLETTI___ 23519	36.75 2.18 0.00	35.05 1.98 0.00	33.32 1.65 0.00	33.29 1.68 0.00	34.77 1.78 0.00	37.59 1.99 0.00	47.49 2.98 0.00	51.17 3.44 0.00	50.67 3.46 -2.32	48.78 3.43 -2.45	66.26 4.35 -7.54	64.92 4.43 -7.80	64.89 4.48 -7.07	65.53 4.54 -6.92	74.42 4.85 -12.49	81.89 4.99 -19.53	75.56 5.26 -14.92	96.43 8.57 -2.19	99.67 7.51 -12.22	92.64 5.94 -22.77	88.33 5.41 -24.07	75.46 4.76 -15.39	67.45 4.55 -7.40	61.63 4.38 -1.81
POMONA___ESR 323819	36.34 1.76 0.00	34.58 1.52 0.00	33.04 1.36 0.00	32.97 1.36 0.00	34.43 1.45 0.00	37.20 1.60 0.00	46.87 2.36 0.00	50.36 2.62 0.00	43.57 2.65 3.97	41.28 2.57 4.19	44.95 3.48 12.91	42.86 3.53 13.37	44.80 3.57 12.12	45.84 3.62 11.85	39.63 3.94 21.39	41.45 4.07 20.00	73.99 4.21 -14.41	94.72 6.94 -2.11	97.91 6.16 -11.81	90.73 4.86 -21.95	86.46 4.42 -23.20	74.08 3.93 -14.83	66.52 3.88 -7.13	60.74 3.55 -1.75
PORT_JEFF_3 23555	37.75 3.18 0.00	35.57 2.51 0.00	33.96 2.28 0.00	33.73 2.12 0.00	35.66 2.67 0.00	38.62 3.02 0.00	48.83 4.32 0.00	52.27 4.54 0.00	51.47 4.27 -2.31	48.94 3.60 -2.44	66.79 4.90 -7.52	65.32 4.84 -7.78	65.30 4.90 -7.06	66.16 5.19 -6.90	75.31 5.76 -12.46	83.41 6.54 -19.49	91.15 7.31 -28.46	110.53 11.90 -12.96	103.23 10.72 -12.58	95.05 8.37 -22.75	90.60 7.71 -24.05	86.82 6.80 -24.69	69.60 6.71 -7.39	63.02 5.77 -1.81

PORT_JEFF_4 23616	37.75	35.57	33.96	33.73	35.66	38.62	48.83	52.27	51.47	48.94	66.79	65.32	65.30	66.16	75.31	83.41	91.15	110.53	103.23	95.05	90.60	86.82	69.60	63.02
	3.18	2.51	2.28	2.12	2.67	3.02	4.32	4.54	4.27	3.60	4.90	4.84	4.90	5.19	5.76	6.54	7.31	11.90	10.72	8.37	7.71	6.80	6.71	5.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.31	-2.44	-7.52	-7.78	-7.06	-6.90	-12.46	-19.49	-28.46	-12.96	-12.58	-22.75	-24.05	-24.69	-7.39	-1.81
PORT_JEFF_IC 23713	37.82	35.71	33.95	33.76	35.72	38.66	48.87	52.51	51.56	48.99	66.79	65.38	65.36	66.22	75.20	83.47	91.20	110.20	102.99	95.21	90.70	86.96	69.73	63.07
	3.25	2.65	2.28	2.15	2.74	3.06	4.36	4.77	4.35	3.65	4.89	4.90	4.96	5.24	5.65	6.60	7.36	11.57	10.47	8.50	7.77	6.92	6.83	5.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.31	-2.44	-7.52	-7.78	-7.06	-6.90	-12.46	-19.49	-28.46	-12.96	-12.58	-22.79	-24.09	-24.72	-7.40	-1.81
PPL_PILGRIM_ST_GT1 24216	37.79	35.64	33.98	33.79	35.72	38.70	48.87	52.37	51.56	49.03	67.00	65.54	65.52	66.38	75.54	83.58	91.26	110.02	102.83	94.79	90.72	86.99	69.83	63.24
	3.22	2.58	2.31	2.18	2.74	3.10	4.36	4.63	4.35	3.69	5.11	5.06	5.12	5.41	5.99	6.71	7.42	11.40	10.32	8.12	7.83	6.97	6.94	5.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.31	-2.44	-7.52	-7.78	-7.06	-6.90	-12.46	-19.49	-28.46	-12.96	-12.58	-22.75	-24.05	-24.69	-7.39	-1.81
PPL_PILGRIM_ST_GT2 24217	37.79	35.64	33.98	33.79	35.72	38.70	48.87	52.37	51.56	49.03	67.00	65.54	65.52	66.38	75.54	83.58	91.26	110.02	102.83	94.79	90.72	86.99	69.83	63.24
	3.22	2.58	2.31	2.18	2.74	3.10	4.36	4.63	4.35	3.69	5.11	5.06	5.12	5.41	5.99	6.71	7.42	11.40	10.32	8.12	7.83	6.97	6.94	5.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.31	-2.44	-7.52	-7.78	-7.06	-6.90	-12.46	-19.49	-28.46	-12.96	-12.58	-22.75	-24.05	-24.69	-7.39	-1.81
PPL_SHRM_GT3 24213	37.89	35.67	34.05	33.79	35.79	38.77	49.05	52.51	51.61	48.94	66.79	65.27	65.30	66.05	75.02	83.24	91.20	110.71	103.47	95.24	90.66	86.87	69.49	62.97
	3.32	2.61	2.38	2.18	2.80	3.17	4.54	4.77	4.40	3.60	4.90	4.79	4.90	5.08	5.48	6.37	7.37	12.08	10.95	8.57	7.77	6.86	6.60	5.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.31	-2.44	-7.52	-7.78	-7.06	-6.90	-12.46	-19.49	-28.46	-12.96	-12.58	-22.75	-24.05	-24.69	-7.39	-1.81
PPL_SHRM_GT4 24214	37.89	35.67	34.05	33.79	35.79	38.77	49.05	52.51	51.61	48.94	66.79	65.27	65.30	66.05	75.02	83.24	91.20	110.71	103.47	95.24	90.66	86.87	69.49	62.97
	3.32	2.61	2.38	2.18	2.80	3.17	4.54	4.77	4.40	3.60	4.90	4.79	4.90	5.08	5.48	6.37	7.37	12.08	10.95	8.57	7.77	6.86	6.60	5.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.31	-2.44	-7.52	-7.78	-7.06	-6.90	-12.46	-19.49	-28.46	-12.96	-12.58	-22.75	-24.05	-24.69	-7.39	-1.81
PROJECT___ORANGE 1 24174	34.05	32.53	31.20	31.17	32.52	35.24	44.02	47.07	44.27	42.30	53.29	51.54	52.22	52.93	55.94	56.76	55.97	85.11	79.22	65.39	60.44	55.90	55.37	54.84
	-0.52	-0.53	-0.48	-0.44	-0.46	-0.36	-0.49	-0.67	-0.63	-0.60	-1.09	-1.16	-1.12	-1.14	-1.14	-1.09	-0.83	-0.77	-0.72	-0.70	-0.71	-0.89	-0.83	-0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-1.42	-0.21	0.00	-2.17	-2.30	-1.47	-0.71	-0.18
PROJECT___ORANGE 2 24166	34.05	32.53	31.20	31.17	32.52	35.24	44.02	47.07	44.27	42.30	53.29	51.54	52.22	52.93	55.94	56.76	55.97	85.11	79.22	65.39	60.44	55.90	55.37	54.84
	-0.52	-0.53	-0.48	-0.44	-0.46	-0.36	-0.49	-0.67	-0.63	-0.60	-1.09	-1.16	-1.12	-1.14	-1.14	-1.09	-0.83	-0.77	-0.72	-0.70	-0.71	-0.89	-0.83	-0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	-1.42	-0.21	0.00	-2.17	-2.30	-1.47	-0.71	-0.18
PUCKETT___SOLAR 323809	35.33	33.69	32.34	32.28	33.71	36.59	45.93	49.55	46.11	43.90	54.20	52.22	52.99	53.87	56.26	58.34	63.07	89.57	88.40	74.47	69.12	62.35	59.52	57.28
	0.76	0.63	0.67	0.66	0.72	1.00	1.42	1.81	1.57	1.37	0.98	0.74	0.75	0.86	1.08	1.26	1.94	3.08	2.87	2.11	1.83	1.33	1.28	1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.37	1.15	1.22	1.10	1.05	1.90	0.30	-5.76	-0.82	-5.59	-8.44	-8.45	-5.71	-2.75	-0.67
PYRITES___HYD 24023	60.90	58.08	55.90	55.73	53.13	33.64	42.11	46.26	42.87	41.31	89.93	83.19	84.07	85.42	93.95	90.73	53.42	95.24	78.74	63.38	58.39	53.38	54.35	55.22
	-0.55	-0.96	-0.89	-0.95	-0.92	-1.96	-2.40	-1.48	-2.02	-1.59	-2.94	-2.95	-3.09	-2.97	-3.08	-3.16	-2.44	-2.06	-1.20	-1.28	-1.24	-2.43	-1.39	-0.28
	-26.88	-25.98	-25.11	-25.07	-21.06	0.00	0.00	0.00	0.00	0.00	-38.49	-33.45	-33.83	-34.32	-39.95	-36.51	-0.48	-11.63	0.00	-0.73	-0.78	-0.50	-0.24	-0.06
QUAKERRD_115KV_BK1 80622	32.50	31.01	29.90	29.84	31.07	33.82	42.19	44.68	41.89	40.07	50.02	48.23	49.03	49.63	52.46	53.48	53.24	80.46	74.90	62.73	58.23	53.24	53.06	52.90
	-2.07	-2.05	-1.77	-1.77	-1.91	-1.78	-2.31	-3.06	-3.01	-2.83	-4.35	-4.48	-4.32	-4.43	-4.62	-4.53	-4.04	-5.48	-5.04	-4.09	-4.00	-4.04	-3.39	-2.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	0.00	0.00	-0.63	-1.91	-0.27	0.00	-2.90	-3.39	-1.96	-0.94	-0.23
QUEENSBRY_115KV_TB8 356137	37.24	35.87	34.14	34.11	35.69	38.70	48.69	52.13	49.60	47.19	60.75	58.87	59.37	60.07	64.57	72.52	80.83	97.62	140.38	101.50	97.65	81.62	70.87	63.04
	2.66	2.81	2.47	2.50	2.70	3.10	4.18	4.39	4.22	3.77	4.78	4.53	4.53	4.54	4.85	5.28	5.32	9.00	8.63	6.84	6.24	5.53	5.38	5.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	-0.52	-1.59	-1.64	-1.49	-1.46	-2.63	-9.87	-20.14	-2.96	-51.81	-30.73	-32.57	-20.77	-9.99	-2.45
RAMAPO___LBMP 323565	36.27	34.55	32.94	32.88	34.37	37.13	46.73	50.27	43.58	41.29	45.09	43.02	44.93	45.96	39.92	41.88	73.75	94.46	97.61	90.46	86.19	73.86	66.33	60.56
	1.69	1.49	1.27	1.26	1.39	1.53	2.23	2.53	2.56	2.49	3.32	3.37	3.41	3.46	3.71	3.96	4.04	6.68	5.92	4.67	4.24	3.76	3.72	3.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.87	4.09	12.60	13.05	11.83	11.57	20.87	19.45	-14.33	-2.11	-11.75	-21.87	-23.11	-14.78	-7.11	-1.74
RANKINE____ 23646	32.78	31.15	30.19	30.13	31.43	34.28	42.73	44.01	41.57	39.64	48.88	46.52	47.52	48.50	51.03	52.10	51.97	78.37	75.56	61.57	53.98	52.18	52.00	51.82
	-1.80	-1.92	-1.49	-1.49	-1.55	-1.32	-1.78	-3.72	-3.32	-3.26	-5.49	-5.85	-5.71	-5.57	-6.05	-5.97	-5.48	-7.11	-6.55	-5.56	-5.30	-5.31	-4.55	-3.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.11	0.00	0.00	-0.69	-2.08	0.19	-2.17	-3.21	-0.43	-2.17	-1.05	-0.26
RAVENSWOOD_GT2_1 24244	36.82	35.08	33.38	33.32	34.83	37.66	47.54	51.22	50.71	48.78	66.31	64.97	64.94	65.52	74.42	82.00	75.56	96.43	99.75	92.70	88.39	75.58	67.51	61.58
	2.25	2.02	1.71	1.71	1.85	2.06	3.03	3.48	3.50	3.43	4.40	4.48	4.53	4.54	4.85	5.11	5.26	8.57	7.59	6.01	5.47	4.87	4.61	4.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-2.45	-7.53	-7.80	-7.07	-6.92	-12.48	-19.52	-14.92	-2.19	-12.22	-22.77	-24.07	-15.39	-7.40	-1.81

RAVENSWOOD_GT2_2 24245	36.82 2.25 0.00	35.08 2.02 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.78 3.43 -2.45	66.31 4.40 -7.53	64.97 4.48 -7.80	64.94 4.53 -7.07	65.52 4.54 -6.92	74.42 4.85 -12.48	82.00 5.11 -19.52	75.56 5.26 -14.92	96.43 8.57 -2.19	99.75 7.59 -12.22	92.70 6.01 -22.77	88.39 5.47 -24.07	75.58 4.87 -15.39	67.51 4.61 -7.40	61.58 4.32 -1.81
RAVENSWOOD_GT2_3 24246	36.82 2.25 0.00	35.11 2.05 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.82 3.47 -2.45	66.37 4.46 -7.53	64.97 4.48 -7.80	64.94 4.53 -7.07	65.58 4.60 -6.92	74.47 4.91 -12.48	82.00 5.11 -19.52	75.61 5.32 -14.92	96.52 8.65 -2.19	99.83 7.67 -12.22	92.70 6.01 -22.77	88.45 5.53 -24.07	75.58 4.87 -15.39	67.56 4.66 -7.40	61.58 4.32 -1.81
RAVENSWOOD_GT2_4 24247	36.82 2.25 0.00	35.11 2.05 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.82 3.47 -2.45	66.37 4.46 -7.53	64.97 4.48 -7.80	64.94 4.53 -7.07	65.58 4.60 -6.92	74.47 4.91 -12.48	82.00 5.11 -19.52	75.61 5.32 -14.92	96.52 8.65 -2.19	99.83 7.67 -12.22	92.70 6.01 -22.77	88.45 5.53 -24.07	75.58 4.87 -15.39	67.56 4.66 -7.40	61.58 4.32 -1.81
RAVENSWOOD_GT3_1 24248	36.82 2.25 0.00	35.08 2.02 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.78 3.43 -2.45	66.31 4.40 -7.53	64.97 4.48 -7.80	64.94 4.53 -7.07	65.52 4.54 -6.92	74.42 4.85 -12.48	82.00 5.11 -19.52	75.56 5.26 -14.92	96.43 8.57 -2.19	99.83 7.67 -12.22	92.70 6.01 -22.77	88.39 5.47 -24.07	75.58 4.87 -15.39	67.56 4.66 -7.40	61.58 4.32 -1.81
RAVENSWOOD_GT3_2 24249	36.82 2.25 0.00	35.08 2.02 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.78 3.43 -2.45	66.31 4.40 -7.53	64.97 4.48 -7.80	64.94 4.53 -7.07	65.52 4.54 -6.92	74.42 4.85 -12.48	82.00 5.11 -19.52	75.56 5.26 -14.92	96.43 8.57 -2.19	99.83 7.67 -12.22	92.70 6.01 -22.77	88.39 5.47 -24.07	75.58 4.87 -15.39	67.56 4.66 -7.40	61.58 4.32 -1.81
RAVENSWOOD_GT3_3 24250	36.86 2.28 0.00	35.15 2.08 0.00	33.42 1.74 0.00	33.35 1.74 0.00	34.87 1.88 0.00	37.70 2.10 0.00	47.58 3.07 0.00	51.27 3.53 0.00	50.76 3.55 -2.32	48.86 3.52 -2.45	66.42 4.51 -7.53	65.02 4.53 -7.80	65.00 4.59 -7.07	65.63 4.65 -6.92	74.53 4.97 -12.48	82.06 5.16 -19.52	75.67 5.37 -14.92	96.60 8.74 -2.19	99.91 7.75 -12.22	92.77 6.07 -22.77	88.51 5.59 -24.07	75.63 4.92 -15.39	67.62 4.72 -7.40	61.63 4.38 -1.81
RAVENSWOOD_GT3_4 24251	36.86 2.28 0.00	35.15 2.08 0.00	33.42 1.74 0.00	33.35 1.74 0.00	34.87 1.88 0.00	37.70 2.10 0.00	47.58 3.07 0.00	51.27 3.53 0.00	50.76 3.55 -2.32	48.86 3.52 -2.45	66.42 4.51 -7.53	65.02 4.53 -7.80	65.00 4.59 -7.07	65.63 4.65 -6.92	74.53 4.97 -12.48	82.06 5.16 -19.52	75.67 5.37 -14.92	96.60 8.74 -2.19	99.91 7.75 -12.22	92.77 6.07 -22.77	88.51 5.59 -24.07	75.63 4.92 -15.39	67.62 4.72 -7.40	61.63 4.38 -1.81
RAVENSWOOD_GT_1 23729	36.99 2.42 0.00	35.28 2.22 0.00	33.51 1.84 0.00	33.48 1.87 0.00	34.96 1.98 0.00	37.81 2.21 0.00	47.67 3.16 0.00	51.32 3.58 0.00	50.76 3.55 -2.32	48.95 3.60 -2.45	66.65 4.73 -7.54	65.24 4.74 -7.80	65.22 4.80 -7.08	65.86 4.87 -6.93	74.77 5.19 -12.49	82.30 5.39 -19.53	75.90 5.59 -14.93	96.95 9.08 -2.20	100.32 8.15 -12.23	93.10 6.39 -22.78	88.75 5.83 -24.08	75.92 5.20 -15.40	67.85 4.94 -7.41	61.92 4.66 -1.82
RAVENSWOOD_GT_10 24258	36.82 2.25 0.00	35.08 2.02 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.78 3.43 -2.45	66.31 4.40 -7.53	64.97 4.48 -7.79	64.94 4.53 -7.07	65.52 4.54 -6.92	74.42 4.85 -12.48	82.00 5.11 -19.52	75.56 5.26 -14.92	96.43 8.57 -2.19	99.75 7.59 -12.22	92.70 6.01 -22.77	88.39 5.47 -24.07	75.57 4.87 -15.39	67.51 4.61 -7.40	61.58 4.32 -1.81
RAVENSWOOD_GT_11 24259	36.82 2.25 0.00	35.08 2.02 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.78 3.43 -2.45	66.31 4.40 -7.53	64.97 4.48 -7.79	64.94 4.53 -7.07	65.52 4.54 -6.92	74.42 4.85 -12.48	82.00 5.11 -19.52	75.56 5.26 -14.92	96.43 8.57 -2.19	99.75 7.59 -12.22	92.70 6.01 -22.77	88.39 5.47 -24.07	75.57 4.87 -15.39	67.51 4.61 -7.40	61.58 4.32 -1.81
RAVENSWOOD_GT_4 24252	36.79 2.21 0.00	35.05 1.98 0.00	33.35 1.68 0.00	33.29 1.68 0.00	34.80 1.81 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.78 3.43 -2.45	66.25 4.35 -7.53	64.91 4.43 -7.79	64.89 4.48 -7.06	65.47 4.49 -6.91	74.41 4.85 -12.48	81.94 5.05 -19.51	75.50 5.21 -14.92	96.34 8.48 -2.19	99.74 7.59 -12.21	92.63 5.94 -22.76	88.32 5.41 -24.07	75.51 4.81 -15.38	67.45 4.55 -7.40	61.52 4.27 -1.81
RAVENSWOOD_GT_5 24254	36.79 2.21 0.00	35.05 1.98 0.00	33.35 1.68 0.00	33.29 1.68 0.00	34.80 1.81 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.78 3.43 -2.45	66.25 4.35 -7.53	64.91 4.43 -7.79	64.89 4.48 -7.06	65.47 4.49 -6.91	74.41 4.85 -12.48	81.94 5.05 -19.51	75.50 5.21 -14.92	96.34 8.48 -2.19	99.74 7.59 -12.21	92.63 5.94 -22.76	88.32 5.41 -24.07	75.51 4.81 -15.38	67.45 4.55 -7.40	61.52 4.27 -1.81
RAVENSWOOD_GT_6 24253	36.79 2.21 0.00	35.05 1.98 0.00	33.35 1.68 0.00	33.29 1.68 0.00	34.80 1.81 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.78 3.43 -2.45	66.25 4.35 -7.53	64.91 4.43 -7.79	64.89 4.48 -7.06	65.47 4.49 -6.91	74.41 4.85 -12.48	81.94 5.05 -19.51	75.50 5.21 -14.92	96.34 8.48 -2.19	99.74 7.59 -12.21	92.63 5.94 -22.76	88.32 5.41 -24.07	75.51 4.81 -15.38	67.45 4.55 -7.40	61.52 4.27 -1.81
RAVENSWOOD_GT_7 24255	36.79 2.21 0.00	35.05 1.98 0.00	33.35 1.68 0.00	33.29 1.68 0.00	34.80 1.81 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.78 3.43 -2.45	66.25 4.35 -7.53	64.91 4.43 -7.79	64.89 4.48 -7.06	65.47 4.49 -6.91	74.41 4.85 -12.48	81.94 5.05 -19.51	75.50 5.21 -14.92	96.34 8.48 -2.19	99.74 7.59 -12.21	92.63 5.94 -22.76	88.32 5.41 -24.07	75.51 4.81 -15.38	67.45 4.55 -7.40	61.52 4.27 -1.81
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.82 2.25 0.00	35.08 2.02 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.78 3.43 -2.45	66.31 4.40 -7.53	64.97 4.48 -7.79	64.94 4.53 -7.07	65.52 4.54 -6.92	74.42 4.85 -12.48	82.00 5.11 -19.52	75.56 5.26 -14.92	96.43 8.57 -2.19	99.75 7.59 -12.22	92.70 6.01 -22.77	88.39 5.47 -24.07	75.57 4.87 -15.39	67.51 4.61 -7.40	61.58 4.32 -1.81

RAVENSWOOD_GT_9 24257	36.82 2.25 0.00	35.08 2.02 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.78 3.43 -2.45	66.31 4.40 -7.53	64.97 4.48 -7.79	64.94 4.53 -7.07	65.52 4.54 -6.92	74.42 4.85 -12.48	82.00 5.11 -19.52	75.56 5.26 -14.92	96.43 8.57 -2.19	99.75 7.59 -12.22	92.70 6.01 -22.77	88.39 5.47 -24.07	75.57 4.87 -15.39	67.51 4.61 -7.40	61.58 4.32 -1.81
RAVENSWOOD___1 23533	36.93 2.35 0.00	35.15 2.08 0.00	33.51 1.84 0.00	33.44 1.83 0.00	34.90 1.91 0.00	37.77 2.17 0.00	47.62 3.11 0.00	51.27 3.53 0.00	50.76 3.55 -2.32	48.90 3.56 -2.45	66.64 4.73 -7.54	65.24 4.74 -7.80	65.22 4.80 -7.08	65.80 4.81 -6.92	74.82 5.25 -12.49	82.29 5.39 -19.53	75.84 5.54 -14.93	96.94 9.08 -2.20	100.23 8.07 -12.22	93.00 6.33 -22.74	88.71 5.83 -24.04	75.84 5.15 -15.37	67.84 4.94 -7.40	61.86 4.60 -1.82
RAVENSWOOD___2 23534	36.89 2.32 0.00	35.11 2.05 0.00	33.48 1.80 0.00	33.44 1.83 0.00	34.90 1.91 0.00	37.74 2.14 0.00	47.62 3.11 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.90 3.56 -2.45	66.64 4.73 -7.54	65.19 4.69 -7.80	65.22 4.80 -7.08	65.80 4.81 -6.92	74.77 5.19 -12.49	82.24 5.34 -19.53	75.84 5.54 -14.93	96.86 8.99 -2.20	100.16 7.99 -12.22	93.00 6.33 -22.74	88.66 5.77 -24.04	75.84 5.15 -15.37	67.78 4.89 -7.40	61.86 4.60 -1.82
RAVENSWOOD___3 23535	36.75 2.18 0.00	34.98 1.92 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.80 1.81 0.00	37.66 2.06 0.00	47.54 3.03 0.00	51.18 3.44 0.00	50.71 3.50 -2.32	48.78 3.43 -2.45	66.42 4.51 -7.53	64.97 4.48 -7.80	64.94 4.53 -7.07	65.53 4.54 -6.92	74.53 4.96 -12.48	82.00 5.10 -19.52	75.56 5.26 -14.92	96.43 8.57 -2.19	99.83 7.67 -12.22	92.66 6.01 -22.73	88.35 5.47 -24.03	75.55 4.87 -15.36	67.55 4.66 -7.39	61.58 4.33 -1.81
RAVENSWOOD___4 23820	36.89 2.32 0.00	35.11 2.05 0.00	33.48 1.80 0.00	33.41 1.80 0.00	34.90 1.91 0.00	37.74 2.14 0.00	47.58 3.07 0.00	51.22 3.48 0.00	50.71 3.50 -2.32	48.86 3.52 -2.45	66.64 4.73 -7.54	65.19 4.69 -7.80	65.22 4.80 -7.08	65.80 4.81 -6.92	74.77 5.19 -12.49	82.24 5.34 -19.52	75.84 5.54 -14.93	96.86 8.99 -2.20	100.15 7.99 -12.22	92.99 6.33 -22.74	88.65 5.77 -24.04	75.78 5.09 -15.37	67.78 4.89 -7.40	61.81 4.55 -1.82
RCPL_TRUST___DRP 24196	36.86 2.28 0.00	35.11 2.05 0.00	33.42 1.74 0.00	33.35 1.74 0.00	34.87 1.88 0.00	37.70 2.10 0.00	47.63 3.12 0.00	51.32 3.58 0.00	50.81 3.59 -2.32	48.91 3.56 -2.45	66.43 4.51 -7.55	65.09 4.58 -7.81	65.06 4.64 -7.08	65.65 4.65 -6.93	74.55 4.97 -12.50	82.14 5.22 -19.54	75.67 5.37 -14.92	96.60 8.74 -2.19	99.91 7.75 -12.22	92.76 6.07 -22.77	88.50 5.59 -24.07	75.63 4.92 -15.38	67.62 4.72 -7.40	61.63 4.38 -1.81
RED___ROCHESTER 323720	33.33 -1.24 0.00	31.84 -1.22 0.00	30.54 -1.14 0.00	30.47 -1.14 0.00	31.77 -1.22 0.00	34.57 -1.03 0.00	43.18 -1.33 0.00	45.54 -2.20 0.00	42.74 -2.15 0.00	40.88 -2.02 0.00	50.78 -3.59 0.00	48.92 -3.79 -0.02	49.78 -3.57 -0.01	50.39 -3.68 0.00	53.32 -3.77 0.00	54.36 -3.67 -0.65	54.18 -3.15 -1.96	81.93 -4.03 -0.28	76.42 -3.52 0.00	64.00 -2.94 -3.01	59.39 -2.94 -3.48	54.21 -3.15 -2.04	54.09 -2.38 -0.98	54.02 -1.66 -0.24
REGAN___SOLAR 323812	36.85 2.28 0.00	35.48 2.41 0.00	33.83 2.15 0.00	33.79 2.18 0.00	35.36 2.38 0.00	38.30 2.70 0.00	48.29 3.78 0.00	51.65 3.92 0.00	48.80 3.55 -0.36	46.24 2.96 -0.38	58.82 3.26 -1.18	56.92 3.00 -1.22	57.49 3.04 -1.11	58.34 3.19 -1.09	62.47 3.42 -1.96	71.22 4.25 -9.59	81.80 4.76 -21.66	97.07 8.23 -3.18	140.58 7.99 -52.65	103.39 6.45 -33.01	99.66 5.88 -34.94	82.83 5.20 -22.31	71.23 5.00 -10.73	62.78 4.71 -2.63
RENSSELAER___COGEN 23796	35.12 0.55 0.00	33.66 0.60 0.00	32.21 0.54 0.00	32.15 0.54 0.00	33.55 0.56 0.00	36.17 0.57 0.00	45.35 0.84 0.00	48.69 0.95 0.00	46.30 0.90 -0.51	44.34 0.90 -0.54	58.14 2.12 -1.65	56.46 2.05 -1.71	57.03 2.14 -1.55	57.75 2.16 -1.52	62.04 2.22 -2.73	69.13 1.95 -9.80	76.74 1.77 -19.60	91.37 2.82 -2.87	115.83 2.63 -33.26	95.91 2.11 -29.88	92.45 1.94 -31.67	77.33 1.82 -20.19	67.21 2.00 -9.71	59.81 1.99 -2.38
REPUBLIC_115KV_BARTNBRK 55605	38.20 3.63 0.00	36.96 3.90 0.00	35.06 3.39 0.00	35.02 3.41 0.00	36.71 3.73 0.00	39.87 4.27 0.00	50.30 5.79 0.00	53.85 6.11 0.00	51.22 5.84 -0.49	48.69 5.28 -0.52	62.38 6.42 -1.59	60.46 6.11 -1.65	60.97 6.13 -1.50	61.69 6.16 -1.46	66.29 6.56 -2.64	74.48 7.23 -9.87	82.87 7.36 -20.13	101.13 12.51 -2.95	143.69 12.15 -51.60	104.16 9.52 -30.71	100.16 8.77 -32.55	83.82 7.74 -20.75	72.92 7.44 -9.98	65.09 7.21 -2.45
REVERE_CPPR_DRP 24186	37.88 1.00 -2.31	36.05 0.76 -2.23	34.62 0.79 -2.15	34.52 0.76 -2.15	35.62 0.82 -1.81	36.70 1.10 0.00	46.02 1.51 0.00	49.60 1.86 0.00	46.46 1.57 0.00	44.44 1.54 0.00	59.20 1.52 -3.30	56.88 1.32 -2.87	57.52 1.28 -2.90	58.36 1.35 -2.94	62.00 1.48 -3.43	62.25 1.49 -3.38	58.26 2.10 -0.79	90.89 4.11 -1.11	83.93 4.00 0.00	68.00 2.88 -1.20	62.64 2.53 -1.27	58.01 1.88 -0.81	57.72 1.83 -0.39	57.31 1.77 -0.10
REYNOLDS_115KV_TB3 80639	35.51 0.93 0.00	33.99 0.93 0.00	32.53 0.86 0.00	32.46 0.85 0.00	33.91 0.92 0.00	36.53 0.93 0.00	45.80 1.29 0.00	49.07 1.34 0.00	46.77 1.35 -0.52	44.78 1.33 -0.55	58.53 2.45 -1.71	56.89 2.42 -1.77	57.40 2.45 -1.60	58.12 2.49 -1.57	62.48 2.57 -2.83	69.76 2.47 -9.92	77.28 2.27 -19.64	92.15 3.60 -2.88	119.03 3.36 -35.74	96.58 2.68 -29.97	93.02 2.41 -31.76	77.90 2.32 -20.25	67.74 2.50 -9.74	60.27 2.44 -2.39
RIVERBAY____ 323610	37.51 2.94 0.00	35.77 2.71 0.00	33.95 2.28 0.00	33.89 2.28 0.00	35.36 2.37 0.00	38.16 2.56 0.00	48.07 3.56 0.00	51.75 4.01 0.00	51.03 3.82 -2.32	49.25 3.90 -2.45	66.97 5.06 -7.54	65.56 5.06 -7.80	65.54 5.12 -7.08	66.18 5.19 -6.92	75.17 5.59 -12.49	82.75 5.85 -19.53	76.23 5.93 -14.93	97.47 9.60 -2.20	100.80 8.63 -12.22	93.54 6.84 -22.78	89.28 6.36 -24.08	76.41 5.70 -15.39	68.46 5.55 -7.41	62.47 5.21 -1.82
RIVERSDE_115KV_TB3 55908	35.30 0.73 0.00	33.82 0.76 0.00	32.34 0.67 0.00	32.27 0.66 0.00	33.71 0.73 0.00	36.35 0.75 0.00	45.58 1.07 0.00	48.84 1.10 0.00	46.53 1.12 -0.51	44.59 1.16 -0.54	58.48 2.45 -1.66	56.78 2.37 -1.71	57.30 2.40 -1.55	58.07 2.49 -1.52	62.34 2.51 -2.74	69.52 2.30 -9.85	77.21 2.16 -19.68	91.99 3.43 -2.89	119.20 3.12 -36.14	96.45 2.49 -30.03	92.97 2.29 -31.83	77.77 2.16 -20.29	67.59 2.33 -9.76	60.16 2.33 -2.39
ROARING___BROOK_WT_PWR 323790	32.47 -0.93 1.17	31.04 -0.89 1.13	29.76 -0.82 1.09	29.70 -0.82 1.09	31.14 -0.92 0.92	34.57 -1.03 0.00	43.18 -1.33 0.00	46.40 -1.34 0.00	43.64 -1.26 0.00	41.65 -1.25 0.00	51.17 -1.52 1.68	49.82 -1.42 1.46	50.43 -1.44 1.47	51.11 -1.46 1.50	53.75 -1.60 1.74	54.13 -1.67 1.58	53.72 -1.66 0.00	82.51 -2.66 0.50	77.62 -2.32 0.00	62.26 -1.66 0.00	57.49 -1.35 0.00	54.21 -1.11 0.00	54.33 -1.17 0.00	54.33 -1.11 0.00

ROCHESRG_115KV_T4 355643	32.88 -1.69 0.00	31.34 -1.72 0.00	30.25 -1.43 0.00	30.19 -1.42 0.00	31.43 -1.55 0.00	34.21 -1.39 0.00	42.68 -1.82 0.00	44.92 -2.82 0.00	42.20 -2.69 0.00	40.37 -2.53 0.00	50.30 -4.08 0.00	48.43 -4.27 0.00	49.25 -4.11 -0.02	49.85 -4.22 0.00	52.69 -4.40 0.00	53.72 -4.30 -0.65	53.51 -3.82 -1.96	80.74 -5.14 -0.21	75.22 -4.72 0.00	63.00 -3.90 -2.98	58.61 -3.77 -3.53	53.51 -3.82 -2.01	53.47 -3.00 -0.97	53.52 -2.16 -0.24
ROCHESTER_9_IC 23652	33.05 -1.52 0.00	31.48 -1.59 0.00	30.41 -1.27 0.00	30.35 -1.26 0.00	31.60 -1.39 0.00	34.42 -1.17 0.00	42.95 -1.56 0.00	45.26 -2.48 0.00	42.47 -2.42 0.00	40.67 -2.23 0.00	50.62 -3.75 0.00	48.71 -4.00 -0.02	49.57 -3.79 -0.01	50.12 -3.95 0.00	53.03 -4.05 0.00	54.07 -3.96 -0.65	53.85 -3.49 -1.96	81.41 -4.54 -0.28	75.78 -4.16 0.00	63.51 -3.39 -2.98	58.93 -3.35 -3.44	53.85 -3.49 -2.01	53.80 -2.66 -0.97	53.79 -1.88 -0.24
ROCKVIEW_13_KV_LD 356306	36.79 2.21 0.00	35.05 1.98 0.00	33.38 1.71 0.00	33.32 1.71 0.00	34.83 1.85 0.00	37.66 2.06 0.00	47.49 2.98 0.00	51.13 3.39 0.00	50.63 3.41 -2.32	48.65 3.30 -2.45	66.21 4.30 -7.54	64.87 4.37 -7.81	64.85 4.43 -7.08	65.48 4.49 -6.93	74.38 4.80 -12.50	81.96 5.05 -19.54	75.44 5.15 -14.92	96.26 8.40 -2.19	99.75 7.59 -12.22	92.64 5.94 -22.77	88.39 5.47 -24.07	75.52 4.81 -15.38	67.56 4.66 -7.40	61.58 4.32 -1.81
ROME____115KV_TB2 80656	37.88 1.00 -2.31	36.05 0.76 -2.23	34.62 0.79 -2.15	34.52 0.76 -2.15	35.62 0.82 -1.81	36.70 1.10 0.00	46.02 1.51 0.00	49.60 1.86 0.00	46.46 1.57 0.00	44.44 1.54 0.00	59.20 1.52 -3.30	56.88 1.32 -2.87	57.52 1.28 -2.90	58.36 1.35 -2.94	62.00 1.48 -3.43	62.25 1.49 -3.38	58.26 2.10 -0.79	90.89 4.11 -1.11	83.93 4.00 0.00	68.00 2.88 -1.20	62.64 2.53 -1.27	58.01 1.88 -0.81	57.72 1.83 -0.39	57.31 1.77 -0.10
ROSETON___1 23587	35.96 1.38 0.00	34.25 1.19 0.00	32.75 1.08 0.00	32.69 1.08 0.00	34.14 1.15 0.00	36.88 1.28 0.00	46.42 1.91 0.00	49.89 2.15 0.00	44.01 2.15 3.03	41.79 2.10 3.21	47.38 2.88 9.87	45.37 2.90 10.22	47.06 2.99 9.27	48.03 3.03 9.06	44.04 3.31 16.35	46.22 3.44 14.60	74.33 4.21 -14.74	94.69 6.86 -2.16	98.17 6.16 -12.08	91.24 4.86 -22.46	87.06 4.47 -23.75	74.49 3.99 -15.18	66.74 3.94 -7.30	60.89 3.66 -1.79
ROSETON___2 23588	35.96 1.38 0.00	34.25 1.19 0.00	32.75 1.08 0.00	32.69 1.08 0.00	34.14 1.15 0.00	36.88 1.28 0.00	46.42 1.91 0.00	49.89 2.15 0.00	44.01 2.15 3.03	41.79 2.10 3.21	47.38 2.88 9.87	45.37 2.90 10.22	47.06 2.99 9.27	48.03 3.03 9.06	44.04 3.31 16.35	46.22 3.44 14.60	74.33 4.21 -14.74	94.69 6.86 -2.16	98.17 6.16 -12.08	91.24 4.86 -22.46	87.06 4.47 -23.75	74.49 3.99 -15.18	66.74 3.94 -7.30	60.89 3.66 -1.79
ROTRTDAM_115KV_TB3 80664	35.58 1.00 0.00	34.12 1.06 0.00	32.62 0.95 0.00	32.56 0.95 0.00	34.01 1.02 0.00	36.70 1.10 0.00	46.02 1.51 0.00	49.31 1.58 0.00	46.87 1.53 -0.45	44.78 1.42 -0.47	57.67 1.85 -1.45	55.98 1.79 -1.50	56.57 1.87 -1.36	57.29 1.89 -1.33	61.48 2.00 -2.40	69.26 2.18 -9.70	78.05 2.22 -20.46	92.36 3.68 -3.00	140.70 3.44 -57.32	97.89 2.75 -31.22	94.46 2.53 -33.08	78.68 2.27 -21.09	67.92 2.28 -10.15	60.09 2.16 -2.49
RUSSELL___1 23602	33.19 -1.38 0.00	31.61 -1.45 0.00	30.53 -1.14 0.00	30.47 -1.14 0.00	31.70 -1.29 0.00	34.57 -1.03 0.00	43.17 -1.34 0.00	45.54 -2.20 0.00	42.74 -2.15 0.00	40.88 -2.02 0.00	50.89 -3.48 0.00	48.97 -3.74 -0.02	49.83 -3.52 -0.01	50.39 -3.68 0.00	53.32 -3.77 0.00	54.36 -3.67 -0.65	54.18 -3.16 -1.96	81.92 -4.03 -0.28	76.34 -3.60 0.00	63.96 -2.94 -2.98	59.34 -2.94 -3.44	54.18 -3.15 -2.01	54.08 -2.39 -0.97	54.02 -1.66 -0.24
RUSSELL___2 23532	33.19 -1.38 0.00	31.61 -1.45 0.00	30.53 -1.14 0.00	30.47 -1.14 0.00	31.70 -1.29 0.00	34.57 -1.03 0.00	43.17 -1.34 0.00	45.54 -2.20 0.00	42.74 -2.15 0.00	40.88 -2.02 0.00	50.89 -3.48 0.00	48.97 -3.74 -0.02	49.83 -3.52 -0.01	50.39 -3.68 0.00	53.32 -3.77 0.00	54.36 -3.67 -0.65	54.18 -3.16 -1.96	81.92 -4.03 -0.28	76.34 -3.60 0.00	63.96 -2.94 -2.98	59.34 -2.94 -3.44	54.18 -3.15 -2.01	54.08 -2.39 -0.97	54.02 -1.66 -0.24
RUSSELL___3 23549	33.19 -1.38 0.00	31.61 -1.45 0.00	30.53 -1.14 0.00	30.47 -1.14 0.00	31.70 -1.29 0.00	34.57 -1.03 0.00	43.17 -1.34 0.00	45.54 -2.20 0.00	42.74 -2.15 0.00	40.88 -2.02 0.00	50.89 -3.48 0.00	48.97 -3.74 -0.02	49.83 -3.52 -0.01	50.39 -3.68 0.00	53.32 -3.77 0.00	54.36 -3.67 -0.65	54.18 -3.16 -1.96	81.92 -4.03 -0.28	76.34 -3.60 0.00	63.96 -2.94 -2.98	59.34 -2.94 -3.44	54.18 -3.15 -2.01	54.08 -2.39 -0.97	54.02 -1.66 -0.24
RUSSELL___4 23556	33.19 -1.38 0.00	31.61 -1.45 0.00	30.53 -1.14 0.00	30.47 -1.14 0.00	31.70 -1.29 0.00	34.57 -1.03 0.00	43.17 -1.34 0.00	45.54 -2.20 0.00	42.74 -2.15 0.00	40.88 -2.02 0.00	50.89 -3.48 0.00	48.97 -3.74 -0.02	49.83 -3.52 -0.01	50.39 -3.68 0.00	53.32 -3.77 0.00	54.36 -3.67 -0.65	54.18 -3.16 -1.96	81.92 -4.03 -0.28	76.34 -3.60 0.00	63.96 -2.94 -2.98	59.34 -2.94 -3.44	54.18 -3.15 -2.01	54.08 -2.39 -0.97	54.02 -1.66 -0.24
RUSSELL___STATION 23914	33.19 -1.38 0.00	31.61 -1.45 0.00	30.53 -1.14 0.00	30.47 -1.14 0.00	31.70 -1.29 0.00	34.57 -1.03 0.00	43.17 -1.34 0.00	45.54 -2.20 0.00	42.74 -2.15 0.00	40.88 -2.02 0.00	50.89 -3.48 0.00	48.97 -3.74 -0.02	49.83 -3.52 -0.01	50.39 -3.68 0.00	53.32 -3.77 0.00	54.36 -3.67 -0.65	54.18 -3.16 -1.96	81.92 -4.03 -0.28	76.34 -3.60 0.00	63.96 -2.94 -2.98	59.34 -2.94 -3.44	54.18 -3.15 -2.01	54.08 -2.39 -0.97	54.02 -1.66 -0.24
S SALMON___HYD 24043	36.90 -0.55 -2.88	35.19 -0.66 -2.78	33.76 -0.60 -2.69	33.70 -0.60 -2.69	34.62 -0.63 -2.26	35.07 -0.53 0.00	43.75 -0.76 0.00	47.07 -0.67 0.00	44.09 -0.81 0.00	42.21 -0.69 0.00	57.09 -1.41 -4.13	54.80 -1.48 -3.59	55.47 -1.49 -3.63	56.29 -1.46 -3.68	59.88 -1.48 -4.28	60.23 -1.43 -4.28	55.54 -1.00 -1.16	86.14 -0.94 -1.41	79.22 -0.72 0.00	64.97 -0.76 -1.81	60.06 -0.70 -1.92	55.49 -1.05 -1.23	55.09 -1.00 -0.59	54.59 -1.00 -0.14
S.PERRY__115KV_TB1 80734	33.92 -0.66 0.00	32.30 -0.76 0.00	31.23 -0.44 0.00	31.20 -0.41 0.00	32.49 -0.49 0.00	35.56 -0.04 0.00	44.60 0.09 0.00	47.16 -0.57 0.00	44.09 -0.81 0.00	42.04 -0.86 0.00	51.82 -2.56 0.00	48.58 -4.58 -0.46	48.94 -4.37 0.03	49.58 -4.49 0.00	52.57 -4.51 0.00	54.00 -4.25 -0.87	54.73 -3.27 -2.62	84.41 -3.51 -2.26	79.24 -3.04 -2.34	65.49 -2.43 -4.00	59.88 -2.35 -3.39	55.09 -2.93 -2.70	54.36 -2.44 -1.30	53.77 -2.00 -0.32
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.29 -2.28 0.00	30.72 -2.35 0.00	29.81 -1.87 0.00	29.75 -1.87 0.00	31.01 -1.98 0.00	33.82 -1.78 0.00	42.06 -2.45 0.00	43.25 -4.49 0.00	40.81 -4.09 0.00	38.95 -3.95 0.00	48.06 -6.31 0.00	45.77 -6.59 0.33	46.76 -6.45 0.12	47.68 -6.38 0.00	50.18 -6.91 0.00	51.19 -6.83 -0.64	51.05 -6.26 -1.93	76.92 -8.57 0.18	74.11 -7.91 -2.08	60.25 -6.65 -2.98	52.45 -6.30 0.10	51.19 -6.14 -2.01	51.42 -5.05 -0.97	51.64 -4.05 -0.24

SAWYER___23_KV_LOAD 55526	32.29 -2.28 0.00	30.72 -2.35 0.00	29.81 -1.87 0.00	29.75 -1.87 0.00	31.01 -1.98 0.00	33.82 -1.78 0.00	42.06 -2.45 0.00	43.25 -4.49 0.00	40.81 -4.09 0.00	38.95 -3.95 0.00	48.06 -6.31 0.00	45.77 -6.59 0.33	46.76 -6.45 0.12	47.68 -6.38 0.00	50.18 -6.91 0.00	51.19 -6.83 -0.64	51.05 -6.26 -1.93	76.92 -8.57 0.18	74.11 -7.91 -2.08	60.25 -6.65 -2.98	52.45 -6.30 0.10	51.19 -6.14 -2.01	51.42 -5.05 -0.97	51.64 -4.05 -0.24
SELKIRK___I 23801	35.37 0.80 0.00	33.92 0.86 0.00	32.50 0.82 0.00	32.43 0.82 0.00	33.84 0.86 0.00	36.45 0.85 0.00	45.66 1.16 0.00	48.93 1.19 0.00	46.42 1.08 -0.45	44.40 1.03 -0.47	57.68 1.85 -1.46	56.05 1.84 -1.51	56.58 1.87 -1.37	57.30 1.89 -1.34	61.50 2.00 -2.42	68.64 1.95 -9.32	76.50 1.88 -19.24	91.49 3.00 -2.82	109.99 2.80 -27.26	95.56 2.30 -29.34	92.06 2.12 -31.10	77.14 1.99 -19.83	67.15 2.11 -9.54	59.89 2.11 -2.34
SELKIRK___II 23799	35.23 0.66 0.00	33.76 0.70 0.00	32.31 0.63 0.00	32.28 0.66 0.00	33.68 0.69 0.00	36.31 0.71 0.00	45.49 0.98 0.00	48.84 1.10 0.00	46.42 1.03 -0.49	44.44 1.03 -0.52	57.93 1.95 -1.60	56.24 1.89 -1.66	56.82 1.97 -1.50	57.54 2.00 -1.47	61.85 2.11 -2.65	69.00 1.95 -9.67	76.70 1.82 -19.50	91.44 2.91 -2.86	111.25 2.72 -28.59	95.83 2.17 -29.73	92.36 2.00 -31.51	77.29 1.88 -20.09	67.16 2.00 -9.67	59.75 1.94 -2.37
SENECA OSWGO___HYD 24041	33.78 -0.79 0.00	32.30 -0.76 0.00	30.95 -0.73 0.00	30.89 -0.73 0.00	32.23 -0.76 0.00	34.92 -0.68 0.00	43.57 -0.94 0.00	46.64 -1.10 0.00	43.82 -1.08 0.00	41.87 -1.03 0.00	52.63 -1.74 0.00	50.96 -1.74 0.00	51.63 -1.71 0.00	52.33 -1.73 0.00	55.32 -1.77 0.00	56.09 -1.72 -0.43	55.23 -1.44 -1.29	84.15 -1.71 -0.19	78.34 -1.60 0.00	64.59 -1.35 -2.01	59.68 -1.29 -2.13	55.24 -1.44 -1.36	54.77 -1.39 -0.65	54.22 -1.38 -0.16
SENECA___115KV_TB3 355854	32.81 -1.76 0.00	31.18 -1.88 0.00	30.25 -1.43 0.00	30.19 -1.42 0.00	31.50 -1.48 0.00	34.35 -1.25 0.00	42.82 -1.69 0.00	44.11 -3.63 0.00	41.66 -3.23 0.00	39.72 -3.17 0.00	48.99 -5.38 0.00	46.62 -5.74 0.33	47.63 -5.60 0.11	48.60 -5.46 0.00	51.15 -5.94 0.00	52.16 -5.91 -0.69	52.08 -5.37 -2.08	78.54 -6.94 0.19	75.72 -6.40 -2.17	61.63 -5.50 -3.21	54.10 -5.18 -0.43	52.23 -5.26 -2.17	52.11 -4.44 -1.05	51.93 -3.77 -0.26
SENECA___ENERGY 23797	33.95 -0.62 0.00	32.43 -0.63 0.00	31.07 -0.60 0.00	31.04 -0.57 0.00	32.42 -0.56 0.00	35.28 -0.32 0.00	44.11 -0.40 0.00	46.93 -0.81 0.00	44.13 -0.76 0.00	42.13 -0.77 0.00	52.58 -1.79 0.00	50.78 -1.95 -0.03	51.47 -1.87 0.00	52.17 -1.89 0.00	55.20 -1.88 0.00	56.21 -1.84 -0.67	56.07 -1.33 -2.02	84.90 -1.20 -0.43	80.61 -1.04 -1.72	66.21 -0.90 -3.18	61.22 -1.00 -3.37	56.14 -1.33 -2.15	55.31 -1.22 -1.04	54.64 -1.06 -0.25
SHOEMAKER___GT 23640	35.89 1.31 0.00	34.22 1.16 0.00	32.69 1.01 0.00	32.62 1.01 0.00	34.11 1.12 0.00	36.84 1.25 0.00	46.38 1.87 0.00	49.79 2.05 0.00	44.02 2.07 2.94	41.76 1.97 3.11	47.52 2.72 9.58	45.47 2.69 9.91	47.12 2.77 8.99	48.09 2.81 8.79	44.30 3.08 15.86	46.65 3.33 14.05	72.46 3.60 -13.49	93.64 5.99 -1.98	96.39 5.36 -11.10	88.68 4.22 -20.54	84.43 3.88 -21.70	72.63 3.43 -13.88	65.73 3.56 -6.68	60.29 3.21 -1.64
SHOEMAKR_138KV_BK 111 55601	35.92 1.35 0.00	34.29 1.22 0.00	32.69 1.01 0.00	32.62 1.01 0.00	34.11 1.12 0.00	36.85 1.25 0.00	46.38 1.87 0.00	49.84 2.10 0.00	44.05 2.07 2.91	41.80 1.97 3.07	47.59 2.66 9.45	45.65 2.74 9.78	47.24 2.77 8.87	48.20 2.81 8.67	44.52 3.08 15.65	46.87 3.33 13.84	72.38 3.60 -13.41	93.64 6.00 -1.97	96.24 5.28 -11.03	88.60 4.22 -20.46	84.29 3.82 -21.62	72.58 3.43 -13.83	65.65 3.50 -6.65	60.28 3.22 -1.63
SHOREHAM_IC_1 23715	37.89 3.32 0.00	35.67 2.61 0.00	34.05 2.38 0.00	33.79 2.18 0.00	35.79 2.80 0.00	38.77 3.17 0.00	49.05 4.54 0.00	52.51 4.77 0.00	51.61 4.40 -2.31	48.94 3.60 -2.44	66.79 4.90 -7.52	65.27 4.79 -7.78	65.30 4.90 -7.06	66.05 5.08 -6.90	75.02 5.48 -12.46	83.24 6.37 -19.49	91.20 7.37 -28.46	110.71 12.08 -12.96	103.47 10.95 -12.58	95.24 8.57 -22.75	90.66 7.77 -24.05	86.87 6.86 -24.69	69.49 6.60 -7.39	62.97 5.71 -1.81
SHOREHAM_IC_2 23716	37.89 3.32 0.00	35.67 2.61 0.00	34.05 2.38 0.00	33.79 2.18 0.00	35.79 2.80 0.00	38.77 3.17 0.00	49.05 4.54 0.00	52.51 4.77 0.00	51.61 4.40 -2.31	48.94 3.60 -2.44	66.79 4.90 -7.52	65.27 4.79 -7.78	65.30 4.90 -7.06	66.05 5.08 -6.90	75.02 5.48 -12.46	83.24 6.37 -19.49	91.20 7.37 -28.46	110.71 12.08 -12.96	103.47 10.95 -12.58	95.24 8.57 -22.75	90.66 7.77 -24.05	86.87 6.86 -24.69	69.49 6.60 -7.39	62.97 5.71 -1.81
SISSONVILLE____ 23735	59.96 -1.49 -26.88	57.32 -1.72 -25.98	55.14 -1.65 -25.11	55.00 -1.68 -25.07	52.33 -1.72 -21.06	32.68 -2.92 0.00	40.77 -3.74 0.00	44.68 -3.06 0.00	41.48 -3.41 0.00	39.98 -2.92 0.00	88.51 -4.35 -38.49	81.87 -4.27 -33.45	82.74 -4.43 -33.83	84.01 -4.38 -34.32	92.36 -4.68 -39.95	89.18 -4.70 -36.51	51.59 -4.26 -0.48	91.99 -5.31 -11.63	75.62 -4.32 0.00	61.02 -3.64 -0.73	56.33 -3.30 -0.78	51.67 -4.15 -0.50	52.80 -2.94 -0.24	53.73 -1.77 -0.06
SITHE_IND_GS1 24169	33.40 -1.18 0.00	31.94 -1.12 0.00	30.63 -1.04 0.00	30.57 -1.04 0.00	31.90 -1.09 0.00	34.50 -1.10 0.00	42.91 -1.60 0.00	45.87 -1.86 0.00	43.10 -1.80 0.00	41.18 -1.72 0.00	51.98 -2.39 0.00	50.33 -2.37 0.00	51.00 -2.35 0.00	51.69 -2.38 0.00	54.63 -2.45 0.00	55.24 -2.47 -0.33	54.14 -2.22 -0.98	82.73 -3.08 -0.14	77.06 -2.87 0.00	63.08 -2.36 -1.52	58.27 -2.24 -1.66	54.13 -2.21 -1.03	53.89 -2.11 -0.49	53.51 -2.05 -0.12
SITHE_IND_GS2 24170	33.40 -1.18 0.00	31.94 -1.12 0.00	30.63 -1.04 0.00	30.57 -1.04 0.00	31.90 -1.09 0.00	34.50 -1.10 0.00	42.91 -1.60 0.00	45.87 -1.86 0.00	43.10 -1.80 0.00	41.18 -1.72 0.00	51.98 -2.39 0.00	50.33 -2.37 0.00	51.00 -2.35 0.00	51.69 -2.38 0.00	54.63 -2.45 0.00	55.24 -2.47 -0.33	54.14 -2.22 -0.98	82.73 -3.08 -0.14	77.06 -2.87 0.00	63.08 -2.36 -1.52	58.27 -2.24 -1.66	54.13 -2.21 -1.03	53.89 -2.11 -0.49	53.51 -2.05 -0.12
SITHE_IND_GS3 24171	33.40 -1.18 0.00	31.94 -1.12 0.00	30.63 -1.04 0.00	30.57 -1.04 0.00	31.90 -1.09 0.00	34.50 -1.10 0.00	42.91 -1.60 0.00	45.87 -1.86 0.00	43.10 -1.80 0.00	41.18 -1.72 0.00	51.98 -2.39 0.00	50.33 -2.37 0.00	51.00 -2.35 0.00	51.69 -2.38 0.00	54.63 -2.45 0.00	55.24 -2.47 -0.33	54.14 -2.22 -0.98	82.73 -3.08 -0.14	77.06 -2.87 0.00	63.08 -2.36 -1.52	58.27 -2.24 -1.66	54.13 -2.21 -1.03	53.89 -2.11 -0.49	53.51 -2.05 -0.12
SITHE_IND_GS4 24172	33.40 -1.18 0.00	31.94 -1.12 0.00	30.63 -1.04 0.00	30.57 -1.04 0.00	31.90 -1.09 0.00	34.50 -1.10 0.00	42.91 -1.60 0.00	45.87 -1.86 0.00	43.10 -1.80 0.00	41.18 -1.72 0.00	51.98 -2.39 0.00	50.33 -2.37 0.00	51.00 -2.35 0.00	51.69 -2.38 0.00	54.63 -2.45 0.00	55.24 -2.47 -0.33	54.14 -2.22 -0.98	82.73 -3.08 -0.14	77.06 -2.87 0.00	63.08 -2.36 -1.52	58.27 -2.24 -1.66	54.13 -2.21 -1.03	53.89 -2.11 -0.49	53.51 -2.05 -0.12

SITHE___BATAVIA 24024	33.33 -1.24 0.00	31.77 -1.29 0.00	30.56 -1.11 0.00	30.50 -1.11 0.00	31.80 -1.19 0.00	34.67 -0.93 0.00	43.31 -1.20 0.00	45.25 -2.48 0.00	42.42 -2.47 0.00	40.54 -2.36 0.00	49.86 -4.51 0.00	47.62 -4.90 0.17	48.58 -4.69 0.06	49.42 -4.65 0.00	52.17 -4.91 0.00	53.19 -4.82 -0.64	53.21 -4.10 -1.93	81.07 -4.63 -0.03	77.36 -4.40 -1.82	63.12 -3.77 -2.97	56.67 -3.77 -1.59	53.29 -4.04 -2.01	53.36 -3.11 -0.97	53.52 -2.16 -0.24
SITHE___INDEPEND 23800	33.40 -1.18 0.00	31.91 -1.16 0.00	30.63 -1.05 0.00	30.57 -1.04 0.00	31.90 -1.09 0.00	34.50 -1.10 0.00	42.91 -1.60 0.00	45.88 -1.86 0.00	43.10 -1.80 0.00	41.18 -1.72 0.00	51.98 -2.39 0.00	50.33 -2.37 0.00	51.00 -2.35 0.00	51.69 -2.38 0.00	54.57 -2.51 0.00	55.24 -2.47 -0.33	54.14 -2.22 -0.98	82.73 -3.08 -0.14	77.06 -2.88 0.00	63.06 -2.37 -1.50	58.24 -2.24 -1.64	54.12 -2.21 -1.01	53.88 -2.11 -0.49	53.51 -2.05 -0.12
SITHE___MASSENA 23902	31.85 -0.14 2.59	30.50 -0.07 2.50	29.16 -0.09 2.42	29.07 -0.13 2.41	30.79 -0.16 2.03	35.39 -0.21 0.00	44.24 -0.27 0.00	47.59 -0.14 0.00	44.67 -0.22 0.00	42.60 -0.30 0.00	50.29 -0.38 3.71	49.16 -0.31 3.22	49.71 -0.37 3.26	50.39 -0.38 3.30	52.72 -0.51 3.85	53.30 -0.57 3.50	54.65 -0.72 0.00	83.02 -1.54 1.11	78.66 -1.28 0.00	63.03 -0.90 0.00	58.14 -0.70 0.00	54.71 -0.61 0.00	54.78 -0.72 0.00	54.83 -0.61 0.00
SITHE___OGDNSBRG 24021	61.21 -0.24 -26.88	58.34 -0.69 -25.98	56.15 -0.63 -25.11	55.98 -0.70 -25.07	53.36 -0.69 -21.06	33.96 -1.64 0.00	42.51 -2.00 0.00	46.74 -1.00 0.00	43.23 -1.66 0.00	41.61 -1.29 0.00	90.25 -2.61 -38.49	83.45 -2.69 -33.45	84.29 -2.88 -33.83	85.63 -2.76 -34.32	94.18 -2.85 -39.95	91.07 -2.81 -36.51	53.92 -1.94 -0.48	96.19 -1.11 -11.63	79.62 -0.32 0.00	64.08 -0.58 -0.73	59.03 -0.59 -0.78	53.88 -1.94 -0.50	54.80 -0.94 -0.24	55.61 0.11 -0.06
SITHE___STERLING 23777	36.94 0.83 -1.54	35.21 0.66 -1.49	33.78 0.67 -1.44	33.68 0.63 -1.44	34.92 0.72 -1.21	36.56 0.96 0.00	45.80 1.29 0.00	49.26 1.53 0.00	46.20 1.30 0.00	44.14 1.24 0.00	57.77 1.19 -2.21	55.67 1.05 -1.92	56.29 1.01 -1.94	57.11 1.08 -1.97	60.58 1.20 -2.29	61.02 1.26 -2.39	58.00 1.72 -0.91	89.81 3.34 -0.80	83.05 3.11 0.00	67.66 2.30 -1.44	62.37 2.00 -1.52	57.79 1.49 -0.97	57.41 1.44 -0.47	56.94 1.39 -0.11
SLEIGHT__34_KV_TB1 80719	33.36 -1.21 0.00	31.81 -1.26 0.00	30.63 -1.05 0.00	30.57 -1.04 0.00	31.86 -1.12 0.00	34.71 -0.89 0.00	43.40 -1.11 0.00	46.16 -1.58 0.00	43.28 -1.62 0.00	41.35 -1.54 0.00	51.71 -2.66 0.00	49.86 -2.85 -0.02	50.63 -2.72 -0.01	51.26 -2.81 0.00	54.23 -2.85 0.00	55.25 -2.75 -0.63	55.01 -2.27 -1.90	83.29 -2.66 -0.27	77.54 -2.40 0.00	64.77 -2.05 -2.90	60.10 -2.06 -3.32	54.95 -2.32 -1.96	54.61 -1.83 -0.94	54.29 -1.39 -0.24
SOUTH CAIRO___GT 23612	36.13 1.56 0.00	34.78 1.72 0.00	33.10 1.43 0.00	33.07 1.45 0.00	34.67 1.68 0.00	37.38 1.78 0.00	47.18 2.67 0.00	50.32 2.58 0.00	47.54 2.33 -0.31	44.94 1.72 -0.33	58.10 2.72 -1.00	56.37 2.63 -1.04	57.11 2.83 -0.94	57.96 2.97 -0.92	62.06 3.31 -1.66	68.85 3.33 -8.14	77.31 3.54 -18.40	94.45 6.08 -2.70	111.89 5.92 -26.04	96.62 4.60 -28.09	92.91 4.30 -29.77	78.12 3.82 -18.98	68.35 3.72 -9.13	61.23 3.55 -2.24
SOUTH HAMPTN___IC 23720	37.96 3.39 0.00	35.74 2.68 0.00	34.08 2.41 0.00	33.86 2.24 0.00	35.85 2.87 0.00	38.84 3.24 0.00	49.14 4.63 0.00	52.66 4.92 0.00	51.74 4.53 -2.31	49.03 3.69 -2.44	66.79 4.90 -7.52	65.27 4.79 -7.78	65.30 4.90 -7.06	66.11 5.14 -6.90	75.14 5.60 -12.46	83.35 6.48 -19.49	91.48 7.64 -28.46	111.04 12.42 -12.96	103.79 11.27 -12.58	95.43 8.76 -22.75	90.84 7.94 -24.05	87.04 7.03 -24.69	69.60 6.71 -7.39	63.13 5.87 -1.81
SOUTHDOW_115KV_TB1 355954	33.19 -1.38 0.00	31.51 -1.55 0.00	30.60 -1.08 0.00	30.44 -1.17 0.00	31.76 -1.22 0.00	34.75 -0.85 0.00	43.53 -0.98 0.00	45.06 -2.67 0.00	42.65 -2.24 0.00	40.49 -2.40 0.00	50.02 -4.35 0.00	47.50 -4.95 0.25	48.49 -4.75 0.11	49.63 -4.43 0.00	52.06 -5.02 0.00	53.15 -4.99 -0.77	53.21 -4.49 -2.32	81.04 -4.71 -0.08	77.98 -4.32 -2.36	63.59 -3.90 -3.56	56.23 -3.65 -1.04	53.91 -3.82 -2.41	53.44 -3.22 -1.16	52.85 -2.88 -0.29
SOUTHOLD_69_KV_BK 2 55809	37.96 3.39 0.00	35.74 2.68 0.00	34.02 2.34 0.00	33.76 2.15 0.00	35.82 2.84 0.00	38.77 3.17 0.00	49.14 4.63 0.00	52.85 5.11 0.00	51.74 4.53 -2.31	48.90 3.56 -2.44	66.52 4.62 -7.52	65.06 4.58 -7.78	65.04 4.64 -7.06	65.89 4.92 -6.90	74.80 5.25 -12.46	83.30 6.43 -19.49	91.59 7.75 -28.46	110.97 12.34 -12.96	103.71 11.19 -12.58	95.47 8.76 -22.79	90.82 7.89 -24.09	87.01 6.97 -24.72	69.40 6.49 -7.40	63.19 5.93 -1.81
SOUTHOLD___IC 23719	37.89 3.32 0.00	35.64 2.58 0.00	34.02 2.34 0.00	33.76 2.15 0.00	35.82 2.84 0.00	38.77 3.17 0.00	49.14 4.63 0.00	52.70 4.96 0.00	51.69 4.49 -2.31	48.90 3.56 -2.44	66.57 4.68 -7.52	65.06 4.58 -7.78	65.09 4.70 -7.06	65.94 4.97 -6.90	74.97 5.43 -12.46	83.30 6.42 -19.49	91.59 7.75 -28.46	111.04 12.42 -12.96	103.79 11.27 -12.58	95.43 8.76 -22.75	90.78 7.89 -24.05	86.93 6.91 -24.69	69.38 6.49 -7.39	63.19 5.93 -1.81
SOUTH_FORK_WT_PWR 323839	37.55 2.97 0.00	35.31 2.25 0.00	33.67 2.00 0.00	33.41 1.80 0.00	35.46 2.48 0.00	38.41 2.81 0.00	48.69 4.18 0.00	52.18 4.44 0.00	51.25 4.04 -2.31	48.43 3.09 -2.44	65.92 4.02 -7.52	64.48 4.00 -7.78	64.45 4.05 -7.06	65.30 4.33 -6.90	74.34 4.80 -12.46	82.61 5.74 -19.49	90.93 7.09 -28.46	109.85 11.22 -12.96	102.67 10.15 -12.58	94.54 7.86 -22.75	89.95 7.06 -24.05	86.21 6.19 -24.69	68.61 5.72 -7.39	62.63 5.38 -1.81
SPIERFLS_115KV_TB 1 80737	37.10 2.52 0.00	35.71 2.65 0.00	34.02 2.34 0.00	33.98 2.37 0.00	35.56 2.57 0.00	38.48 2.88 0.00	48.43 3.92 0.00	51.84 4.11 0.00	49.33 3.95 -0.49	46.97 3.56 -0.51	60.42 4.46 -1.58	58.60 4.27 -1.64	59.09 4.27 -1.49	59.79 4.27 -1.45	64.28 4.57 -2.62	72.11 4.88 -9.86	80.51 4.98 -20.15	97.02 8.40 -2.96	140.00 8.07 -51.98	101.06 6.39 -30.75	97.25 5.83 -32.59	81.30 5.20 -20.78	70.55 5.05 -10.00	62.77 4.88 -2.45
ST LAWRENCE____ 23600	31.64 -0.35 2.59	30.23 -0.33 2.50	28.94 -0.32 2.42	28.85 -0.35 2.41	30.56 -0.39 2.03	35.14 -0.46 0.00	43.89 -0.62 0.00	47.21 -0.52 0.00	44.31 -0.58 0.00	42.30 -0.60 0.00	49.91 -0.76 3.71	48.79 -0.69 3.22	49.34 -0.75 3.26	50.01 -0.76 3.30	52.32 -0.92 3.85	52.90 -0.98 3.50	54.21 -1.17 0.00	82.25 -2.31 1.11	77.94 -2.00 0.00	62.39 -1.53 0.00	57.55 -1.29 0.00	54.27 -1.05 0.00	54.28 -1.22 0.00	54.39 -1.06 0.00
STATE_CA_115KV_115_LB 55624	35.23 0.66 0.00	33.79 0.73 0.00	32.28 0.60 0.00	32.21 0.60 0.00	33.64 0.66 0.00	36.31 0.71 0.00	45.53 1.02 0.00	48.79 1.05 0.00	46.51 1.12 -0.49	44.58 1.16 -0.52	58.48 2.50 -1.61	56.78 2.42 -1.66	57.30 2.45 -1.51	58.08 2.54 -1.48	62.32 2.57 -2.66	69.47 2.30 -9.80	77.34 2.16 -19.80	92.09 3.51 -2.91	122.32 3.20 -39.18	96.70 2.56 -30.22	93.22 2.35 -32.03	77.95 2.21 -20.42	67.66 2.33 -9.82	60.18 2.33 -2.41

STATE_ST_34_KV_LOAD 55959	34.37 -0.21 0.00	32.80 -0.26 0.00	31.48 -0.19 0.00	31.42 -0.19 0.00	32.82 -0.16 0.00	35.67 0.07 0.00	44.60 0.09 0.00	47.64 -0.10 0.00	44.76 -0.13 0.00	42.73 -0.17 0.00	53.67 -0.71 0.00	51.90 -0.79 0.00	52.59 -0.75 0.00	53.31 -0.76 0.00	56.34 -0.74 0.00	57.34 -0.69 -0.65	57.06 -0.28 -1.97	86.39 0.43 -0.29	82.12 0.48 -1.70	67.18 0.26 -3.00	62.14 0.12 -3.18	57.13 -0.22 -2.03	56.25 -0.22 -0.98	55.52 -0.17 -0.25
STATION 5_MISC_HYD 23604	33.19 -1.38 0.00	31.68 -1.39 0.00	30.41 -1.27 0.00	30.35 -1.27 0.00	31.63 -1.35 0.00	34.43 -1.17 0.00	42.95 -1.56 0.00	45.30 -2.43 0.00	42.47 -2.42 0.00	40.66 -2.23 0.00	50.51 -3.86 0.00	48.71 -4.01 -0.02	49.46 -3.89 -0.01	50.12 -3.94 0.00	53.03 -4.05 0.00	54.07 -3.96 -0.65	53.85 -3.49 -1.96	81.41 -4.54 -0.28	75.86 -4.07 0.00	63.55 -3.39 -3.01	58.97 -3.35 -3.48	53.87 -3.48 -2.04	53.82 -2.66 -0.98	53.79 -1.89 -0.24
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.67 -0.90 0.00	32.10 -0.96 0.00	30.95 -0.73 0.00	30.92 -0.70 0.00	32.19 -0.79 0.00	35.10 -0.50 0.00	43.89 -0.62 0.00	46.59 -1.15 0.00	43.68 -1.21 0.00	41.78 -1.12 0.00	52.04 -2.34 0.00	50.12 -2.58 -0.01	50.95 -2.40 -0.01	51.58 -2.49 0.00	54.57 -2.51 0.00	55.62 -2.41 -0.65	55.44 -1.88 -1.95	84.07 -1.88 -0.28	78.26 -1.68 0.00	65.42 -1.47 -2.97	60.63 -1.53 -3.31	55.45 -1.88 -2.01	55.02 -1.44 -0.96	54.63 -1.05 -0.24
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.91 -1.66 0.00	31.38 -1.69 0.00	30.28 -1.39 0.00	30.22 -1.39 0.00	31.47 -1.52 0.00	34.28 -1.32 0.00	42.77 -1.74 0.00	45.16 -2.58 0.00	42.38 -2.51 0.00	40.54 -2.36 0.00	50.51 -3.86 0.00	48.65 -4.06 -0.02	49.51 -3.84 -0.01	50.07 -4.00 0.00	52.98 -4.11 0.00	54.01 -4.02 -0.65	53.77 -3.54 -1.94	81.32 -4.63 -0.28	75.70 -4.24 0.00	63.35 -3.52 -2.95	58.81 -3.41 -3.38	53.77 -3.54 -1.99	53.63 -2.83 -0.96	53.57 -2.11 -0.24
STA_56___34_KV_BUS2 355983	32.91 -1.66 0.00	31.38 -1.69 0.00	30.28 -1.39 0.00	30.22 -1.39 0.00	31.47 -1.52 0.00	34.28 -1.32 0.00	42.77 -1.74 0.00	45.16 -2.58 0.00	42.38 -2.51 0.00	40.54 -2.36 0.00	50.51 -3.86 0.00	48.65 -4.06 -0.02	49.51 -3.84 -0.01	50.07 -4.00 0.00	52.98 -4.11 0.00	54.01 -4.02 -0.65	53.77 -3.54 -1.94	81.32 -4.63 -0.28	75.70 -4.24 0.00	63.35 -3.52 -2.95	58.81 -3.41 -3.38	53.77 -3.54 -1.99	53.63 -2.83 -0.96	53.57 -2.11 -0.24
STA_67___115KV_BK2 355882	32.98 -1.59 0.00	31.41 -1.65 0.00	30.34 -1.33 0.00	30.28 -1.33 0.00	31.53 -1.45 0.00	34.35 -1.25 0.00	42.86 -1.65 0.00	45.16 -2.58 0.00	42.38 -2.51 0.00	40.54 -2.36 0.00	50.46 -3.91 0.00	48.60 -4.11 -0.02	49.41 -3.95 -0.01	50.01 -4.05 0.00	52.86 -4.22 0.00	53.90 -4.13 -0.65	53.68 -3.65 -1.96	81.15 -4.80 -0.28	75.62 -4.32 0.00	63.32 -3.58 -2.98	58.77 -3.53 -3.45	53.74 -3.60 -2.01	53.69 -2.78 -0.97	53.68 -2.00 -0.24
STA_7___115KV_9TRANS 80674	33.19 -1.38 0.00	31.61 -1.45 0.00	30.53 -1.14 0.00	30.47 -1.14 0.00	31.70 -1.29 0.00	34.57 -1.03 0.00	43.17 -1.34 0.00	45.54 -2.20 0.00	42.74 -2.15 0.00	40.88 -2.02 0.00	50.89 -3.48 0.00	48.97 -3.74 -0.02	49.83 -3.52 -0.01	50.39 -3.68 0.00	53.32 -3.77 0.00	54.36 -3.67 -0.65	54.18 -3.16 -1.96	81.92 -4.03 -0.28	76.34 -3.60 0.00	63.96 -2.94 -2.98	59.34 -2.94 -3.44	54.18 -3.15 -2.01	54.08 -2.39 -0.97	54.02 -1.66 -0.24
STA_82___115KV_TB1 80780	32.98 -1.59 0.00	31.44 -1.62 0.00	30.38 -1.30 0.00	30.28 -1.33 0.00	31.53 -1.45 0.00	34.35 -1.25 0.00	42.86 -1.65 0.00	45.16 -2.58 0.00	42.38 -2.51 0.00	40.54 -2.36 0.00	50.51 -3.86 0.00	48.60 -4.11 -0.02	49.46 -3.89 -0.01	50.01 -4.05 0.00	52.86 -4.22 0.00	53.96 -4.07 -0.65	53.74 -3.60 -1.96	81.15 -4.80 -0.28	75.62 -4.32 0.00	63.32 -3.58 -2.97	58.75 -3.47 -3.38	53.73 -3.60 -2.01	53.69 -2.78 -0.97	53.68 -2.00 -0.24
STEEL___WIND 323596	32.98 -1.59 0.00	31.28 -1.79 0.00	30.19 -1.49 0.00	30.13 -1.49 0.00	31.47 -1.52 0.00	34.28 -1.32 0.00	42.73 -1.78 0.00	44.01 -3.72 0.00	41.57 -3.32 0.00	39.64 -3.26 0.00	48.77 -5.60 0.00	46.47 -5.90 0.33	47.41 -5.81 0.11	48.50 -5.57 0.00	51.03 -6.05 0.00	52.04 -6.02 -0.69	51.97 -5.48 -2.08	78.36 -7.11 0.20	75.56 -6.55 -2.17	61.49 -5.63 -3.19	53.97 -5.30 -0.42	52.17 -5.31 -2.16	51.99 -4.55 -1.04	51.82 -3.88 -0.26
STEPHTWN_115KV_BK_2 55603	35.54 0.97 0.00	34.09 1.02 0.00	32.56 0.89 0.00	32.50 0.89 0.00	33.94 0.96 0.00	36.67 1.07 0.00	46.02 1.51 0.00	49.27 1.53 0.00	46.97 1.57 -0.51	44.98 1.54 -0.54	58.91 2.88 -1.65	57.14 2.74 -1.71	57.72 2.83 -1.55	58.45 2.87 -1.52	62.73 2.91 -2.73	69.93 2.75 -9.80	77.57 2.60 -19.60	92.83 4.28 -2.88	117.19 4.00 -33.26	97.02 3.20 -29.90	93.42 2.88 -31.69	78.24 2.71 -20.21	68.05 2.83 -9.72	60.59 2.77 -2.38
STEUBEN_REC_LFGE 323667	32.81 -1.76 0.00	31.31 -1.75 0.00	30.31 -1.36 0.00	30.44 -1.17 0.00	31.86 -1.12 0.00	34.85 -0.75 0.00	43.53 -0.98 0.00	45.68 -2.05 0.00	42.74 -2.15 0.00	40.71 -2.19 0.00	50.08 -4.30 0.00	48.55 -4.43 -0.28	48.92 -4.37 0.05	49.79 -4.27 0.00	52.86 -4.22 0.00	54.41 -4.07 -1.10	55.48 -3.21 -3.32	84.73 -2.74 -1.80	80.75 -2.24 -3.05	67.21 -1.79 -5.08	61.24 -1.71 -4.10	56.65 -2.10 -3.43	55.21 -1.94 -1.65	54.13 -1.72 -0.41
STILLWATER___SOLAR 323814	36.72 2.14 0.00	35.28 2.22 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.13 2.14 0.00	37.99 2.39 0.00	47.72 3.21 0.00	51.13 3.39 0.00	48.63 3.23 -0.50	46.39 2.96 -0.53	59.76 3.75 -1.64	58.02 3.63 -1.70	58.56 3.68 -1.54	59.30 3.73 -1.50	63.85 4.05 -2.72	71.66 4.36 -9.92	79.77 4.37 -20.02	95.80 7.20 -2.94	136.63 6.88 -49.82	99.95 5.50 -30.53	96.20 5.00 -32.36	80.49 4.54 -20.63	69.92 4.49 -9.93	62.20 4.33 -2.43
STONY___BROOK 24151	37.79 3.22 0.00	35.64 2.58 0.00	33.98 2.31 0.00	33.76 2.15 0.00	35.72 2.74 0.00	38.66 3.06 0.00	48.87 4.36 0.00	52.37 4.63 0.00	51.56 4.35 -2.31	49.03 3.69 -2.44	66.89 5.00 -7.52	65.43 4.95 -7.78	65.47 5.07 -7.06	66.27 5.30 -6.90	75.43 5.88 -12.46	83.52 6.65 -19.49	91.26 7.42 -28.46	110.79 12.16 -12.96	103.47 10.95 -12.58	95.24 8.57 -22.75	90.72 7.83 -24.05	86.99 6.97 -24.69	69.72 6.82 -7.39	63.13 5.87 -1.81
STURGEON_POOL_HYD 23609	37.03 2.45 0.00	35.34 2.28 0.00	33.57 1.90 0.00	33.51 1.90 0.00	35.13 2.14 0.00	37.98 2.39 0.00	48.07 3.56 0.00	51.70 3.96 0.00	48.54 3.86 0.22	46.06 3.39 0.23	57.91 4.24 0.71	56.28 4.32 0.74	57.16 4.48 0.67	58.07 4.65 0.65	61.05 5.14 1.17	66.94 5.80 -3.76	76.72 6.09 -15.25	98.02 10.11 -2.24	104.40 9.27 -15.19	94.42 7.22 -23.27	90.16 6.71 -24.60	76.97 5.92 -15.73	68.78 5.72 -7.57	62.56 5.27 -1.85
ST_LAW_115_BK7_LBMP 345037	31.61 -0.38 2.59	30.23 -0.33 2.50	28.91 -0.35 2.42	28.85 -0.35 2.41	30.56 -0.39 2.03	35.10 -0.50 0.00	43.89 -0.62 0.00	47.21 -0.52 0.00	44.31 -0.58 0.00	42.30 -0.60 0.00	49.91 -0.76 3.71	48.79 -0.69 3.22	49.34 -0.75 3.26	50.01 -0.76 3.30	52.32 -0.92 3.85	52.90 -0.98 3.50	54.21 -1.17 0.00	82.25 -2.31 1.11	77.94 -2.00 0.00	62.39 -1.53 0.00	57.61 -1.24 0.00	54.27 -1.05 0.00	54.28 -1.22 0.00	54.39 -1.06 0.00

ST_LAW_115_BK8_LBMP 345038	31.61 -0.38 2.59	30.23 -0.33 2.50	28.91 -0.35 2.42	28.85 -0.35 2.41	30.56 -0.39 2.03	35.10 -0.50 0.00	43.89 -0.62 0.00	47.21 -0.52 0.00	44.31 -0.58 0.00	42.30 -0.60 0.00	49.91 -0.76 3.71	48.79 -0.69 3.22	49.34 -0.75 3.26	50.01 -0.76 3.30	52.32 -0.92 3.85	52.90 -0.98 3.50	54.21 -1.17 0.00	82.25 -2.31 1.11	77.94 -2.00 0.00	62.39 -1.53 0.00	57.61 -1.24 0.00	54.27 -1.05 0.00	54.28 -1.22 0.00	54.39 -1.06 0.00
ST_LAW_230_BK5_LBMP 345035	31.64 -0.35 2.59	30.23 -0.33 2.50	28.94 -0.32 2.42	28.85 -0.35 2.41	30.56 -0.39 2.03	35.14 -0.46 0.00	43.89 -0.62 0.00	47.21 -0.52 0.00	44.31 -0.58 0.00	42.30 -0.60 0.00	49.91 -0.76 3.71	48.79 -0.69 3.22	49.34 -0.75 3.26	50.01 -0.76 3.30	52.32 -0.92 3.85	52.90 -0.98 3.50	54.21 -1.17 0.00	82.25 -2.31 1.11	77.94 -2.00 0.00	62.39 -1.53 0.00	57.55 -1.29 0.00	54.27 -1.05 0.00	54.28 -1.22 0.00	54.39 -1.06 0.00
ST_LAW_230_BK6_LBMP 345036	31.64 -0.35 2.59	30.23 -0.33 2.50	28.94 -0.32 2.42	28.85 -0.35 2.41	30.56 -0.39 2.03	35.14 -0.46 0.00	43.89 -0.62 0.00	47.21 -0.52 0.00	44.31 -0.58 0.00	42.30 -0.60 0.00	49.91 -0.76 3.71	48.79 -0.69 3.22	49.34 -0.75 3.26	50.01 -0.76 3.30	52.32 -0.92 3.85	52.90 -0.98 3.50	54.21 -1.17 0.00	82.25 -2.31 1.11	77.94 -2.00 0.00	62.39 -1.53 0.00	57.55 -1.29 0.00	54.27 -1.05 0.00	54.28 -1.22 0.00	54.39 -1.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.09 1.52 0.00	34.42 1.36 0.00	32.85 1.17 0.00	32.78 1.17 0.00	34.27 1.29 0.00	36.99 1.39 0.00	46.56 2.05 0.00	50.08 2.34 0.00	44.16 2.33 3.07	41.88 2.23 3.25	47.37 2.99 10.00	45.45 3.11 10.35	47.10 3.15 9.38	48.08 3.19 9.18	43.95 3.43 16.56	46.30 3.67 14.75	73.05 3.93 -13.75	94.20 6.51 -2.02	97.01 5.76 -11.31	89.44 4.54 -20.98	85.19 4.18 -22.17	73.20 3.71 -14.17	66.04 3.72 -6.82	60.49 3.38 -1.67
SWANROAD_115KV_TB1 355699	31.50 -3.08 0.00	29.99 -3.07 0.00	29.08 -2.60 0.00	29.02 -2.59 0.00	30.25 -2.74 0.00	32.97 -2.63 0.00	40.99 -3.52 0.00	42.01 -5.73 0.00	39.64 -5.25 0.00	37.88 -5.02 0.00	46.65 -7.72 0.00	44.45 -7.96 0.29	45.44 -7.79 0.12	46.28 -7.79 0.00	48.75 -8.33 0.00	49.68 -8.32 -0.63	49.52 -7.75 -1.90	75.04 -10.54 0.09	71.71 -10.23 -2.00	58.42 -8.44 -2.94	51.09 -7.94 -0.19	49.67 -7.63 -1.99	50.08 -6.38 -0.96	50.63 -5.05 -0.24
SYNERGY___BIOGAS 323694	33.33 -1.24 0.00	31.77 -1.29 0.00	30.56 -1.11 0.00	30.50 -1.11 0.00	31.80 -1.19 0.00	34.67 -0.93 0.00	43.31 -1.20 0.00	45.25 -2.48 0.00	42.42 -2.47 0.00	40.54 -2.36 0.00	49.86 -4.51 0.00	47.62 -4.90 0.17	48.58 -4.69 0.06	49.42 -4.65 0.00	52.17 -4.91 0.00	53.19 -4.82 -0.64	53.21 -4.10 -1.93	81.07 -4.63 -0.03	77.36 -4.40 -1.82	63.12 -3.77 -2.97	56.67 -3.77 -1.59	53.29 -4.04 -2.01	53.36 -3.11 -0.97	53.52 -2.16 -0.24
SYRACUSE___ENERGY_ST1 323597	34.23 -0.35 0.00	32.70 -0.36 0.00	31.36 -0.32 0.00	31.29 -0.32 0.00	32.69 -0.30 0.00	35.42 -0.18 0.00	44.24 -0.27 0.00	47.36 -0.38 0.00	44.49 -0.40 0.00	42.51 -0.39 0.00	53.50 -0.87 0.00	51.80 -0.90 0.00	52.49 -0.85 0.00	53.20 -0.87 0.00	56.23 -0.86 0.00	57.11 -0.80 -0.53	56.43 -0.55 -1.61	85.56 -0.34 -0.24	79.70 -0.24 0.00	66.12 -0.26 -2.45	61.15 -0.29 -2.60	56.43 -0.55 -1.66	55.80 -0.50 -0.80	55.20 -0.44 -0.20
SYRACUSE___ENERGY_ST2 323598	34.23 -0.35 0.00	32.70 -0.36 0.00	31.36 -0.32 0.00	31.29 -0.32 0.00	32.69 -0.30 0.00	35.42 -0.18 0.00	44.24 -0.27 0.00	47.36 -0.38 0.00	44.49 -0.40 0.00	42.51 -0.39 0.00	53.50 -0.87 0.00	51.80 -0.90 0.00	52.49 -0.85 0.00	53.20 -0.87 0.00	56.23 -0.86 0.00	57.11 -0.80 -0.53	56.43 -0.55 -1.61	85.56 -0.34 -0.24	79.70 -0.24 0.00	66.12 -0.26 -2.45	61.15 -0.29 -2.60	56.43 -0.55 -1.66	55.80 -0.50 -0.80	55.20 -0.44 -0.20
SYRACUSE___POWER 24017	34.19 -0.38 0.00	32.67 -0.40 0.00	31.33 -0.35 0.00	31.26 -0.35 0.00	32.66 -0.33 0.00	35.39 -0.21 0.00	44.20 -0.31 0.00	47.31 -0.43 0.00	44.49 -0.40 0.00	42.47 -0.43 0.00	53.50 -0.87 0.00	51.80 -0.90 0.00	52.49 -0.85 0.00	53.15 -0.92 0.00	56.23 -0.86 0.00	57.13 -0.80 -0.55	56.49 -0.55 -1.67	85.57 -0.34 -0.25	79.62 -0.32 0.00	66.15 -0.32 -2.55	61.19 -0.35 -2.70	56.43 -0.61 -1.72	55.77 -0.56 -0.83	55.15 -0.50 -0.21
TALLMAN___138KV_BK151 55660	36.34 1.76 0.00	34.62 1.55 0.00	33.00 1.33 0.00	32.94 1.33 0.00	34.40 1.42 0.00	37.17 1.57 0.00	46.82 2.31 0.00	50.32 2.58 0.00	43.58 2.60 3.92	41.29 2.53 4.14	44.99 3.37 12.75	42.92 3.43 13.20	44.89 3.52 11.97	45.93 3.57 11.70	39.73 3.77 21.12	41.68 4.02 19.72	73.89 4.15 -14.37	94.63 6.85 -2.11	97.79 6.08 -11.78	90.64 4.79 -21.92	86.37 4.35 -23.17	74.01 3.87 -14.81	66.46 3.83 -7.13	60.68 3.49 -1.75
TEALLAVE_115KV_TB7 355573	34.05 -0.52 0.00	32.50 -0.56 0.00	31.20 -0.48 0.00	31.14 -0.47 0.00	32.49 -0.49 0.00	35.24 -0.36 0.00	43.98 -0.53 0.00	47.07 -0.67 0.00	44.22 -0.67 0.00	42.25 -0.64 0.00	53.23 -1.14 0.00	51.54 -1.16 0.00	52.22 -1.12 0.00	52.88 -1.19 0.00	55.89 -1.20 0.00	56.70 -1.15 -0.47	55.95 -0.83 -1.40	85.02 -0.86 -0.21	79.14 -0.80 0.00	65.30 -0.77 -2.14	60.35 -0.76 -2.27	55.83 -0.94 -1.45	55.36 -0.83 -0.70	54.84 -0.78 -0.17
TELGRAPH_34_KV_EAST 80808	32.60 -1.97 0.00	30.98 -2.08 0.00	30.09 -1.58 0.00	30.00 -1.61 0.00	31.24 -1.75 0.00	34.14 -1.46 0.00	42.55 -1.96 0.00	44.11 -3.63 0.00	41.48 -3.41 0.00	39.59 -3.30 0.00	48.83 -5.55 0.00	46.58 -5.90 0.22	47.61 -5.65 0.08	48.39 -5.68 0.00	51.03 -6.05 0.00	51.98 -6.02 -0.63	51.93 -5.37 -1.92	78.80 -6.85 0.02	75.34 -6.47 -1.88	61.48 -5.43 -2.99	54.79 -5.24 -1.18	52.03 -5.31 -2.02	52.26 -4.22 -0.97	52.52 -3.16 -0.24
TEMPLE___115KV_TB 2 55572	34.05 -0.52 0.00	32.53 -0.53 0.00	31.20 -0.48 0.00	31.17 -0.44 0.00	32.52 -0.46 0.00	35.24 -0.36 0.00	44.02 -0.49 0.00	47.07 -0.67 0.00	44.27 -0.63 0.00	42.30 -0.60 0.00	53.29 -1.09 0.00	51.54 -1.16 0.00	52.22 -1.12 0.00	52.93 -1.14 0.00	55.94 -1.14 0.00	56.76 -1.09 -0.47	55.97 -0.83 -1.42	85.11 -0.77 -0.21	79.22 -0.72 0.00	65.39 -0.70 -2.17	60.44 -0.71 -2.30	55.90 -0.89 -1.47	55.37 -0.83 -0.71	54.84 -0.78 -0.18
TIANA____69_KV_BK 1 55817	38.03 3.46 0.00	35.84 2.78 0.00	34.11 2.44 0.00	33.86 2.24 0.00	35.89 2.90 0.00	38.87 3.28 0.00	49.18 4.67 0.00	52.85 5.11 0.00	51.79 4.58 -2.31	49.03 3.69 -2.44	66.79 4.89 -7.52	65.38 4.90 -7.78	65.36 4.96 -7.06	66.11 5.14 -6.90	75.02 5.48 -12.46	83.41 6.54 -19.49	91.48 7.64 -28.46	110.97 12.34 -12.96	103.79 11.27 -12.58	95.53 8.82 -22.79	90.94 8.00 -24.09	87.12 7.08 -24.72	69.67 6.77 -7.40	63.19 5.93 -1.81
TILDEN___115KV_TB1 80814	34.19 -0.38 0.00	32.67 -0.40 0.00	31.33 -0.35 0.00	31.26 -0.35 0.00	32.66 -0.33 0.00	35.39 -0.21 0.00	44.20 -0.31 0.00	47.31 -0.43 0.00	44.49 -0.40 0.00	42.47 -0.43 0.00	53.50 -0.87 0.00	51.80 -0.90 0.00	52.49 -0.85 0.00	53.15 -0.92 0.00	56.23 -0.86 0.00	57.13 -0.80 -0.55	56.49 -0.55 -1.67	85.57 -0.34 -0.25	79.62 -0.32 0.00	66.15 -0.32 -2.55	61.19 -0.35 -2.70	56.43 -0.61 -1.72	55.77 -0.56 -0.83	55.15 -0.50 -0.21

TRIGEN___CC 323695	37.13 2.56 0.00	35.18 2.12 0.00	33.48 1.81 0.00	33.32 1.71 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.89 3.38 0.00	51.41 3.68 0.00	50.71 3.50 -2.31	48.47 3.13 -2.44	66.08 4.19 -7.52	64.75 4.27 -7.78	64.72 4.32 -7.06	65.46 4.49 -6.90	74.40 4.85 -12.46	82.32 5.45 -19.49	89.54 5.70 -28.46	107.88 9.25 -12.96	100.91 8.39 -12.58	93.30 6.58 -22.79	88.94 6.00 -24.09	85.41 5.37 -24.72	68.34 5.44 -7.40	61.97 4.71 -1.81
TRINITY___115KV___4 BK 55933	35.20 0.62 0.00	33.72 0.66 0.00	32.24 0.57 0.00	32.18 0.57 0.00	33.61 0.63 0.00	36.24 0.64 0.00	45.44 0.93 0.00	48.69 0.95 0.00	46.39 0.99 -0.51	44.46 1.03 -0.54	58.36 2.34 -1.65	56.67 2.27 -1.70	57.18 2.29 -1.55	57.96 2.38 -1.51	62.21 2.40 -2.73	69.32 2.12 -9.82	77.01 1.99 -19.64	91.72 3.17 -2.88	116.97 2.88 -34.16	96.26 2.37 -29.97	92.73 2.12 -31.76	77.57 1.99 -20.25	67.41 2.16 -9.74	59.99 2.16 -2.39
UNION___PROCESSING_DRP 323587	32.98 -1.59 0.00	31.44 -1.62 0.00	30.38 -1.30 0.00	30.31 -1.30 0.00	31.53 -1.45 0.00	34.35 -1.25 0.00	42.86 -1.65 0.00	45.16 -2.58 0.00	42.38 -2.51 0.00	40.58 -2.32 0.00	50.51 -3.86 0.00	48.60 -4.11 -0.01	49.46 -3.89 -0.01	50.01 -4.05 0.00	52.92 -4.17 0.00	53.96 -4.07 -0.65	53.73 -3.60 -1.96	81.24 -4.71 -0.28	75.62 -4.32 0.00	63.38 -3.52 -2.97	58.72 -3.47 -3.35	53.73 -3.60 -2.01	53.69 -2.78 -0.97	53.68 -2.00 -0.24
UPPER HUDSON___HYD 24058	37.06 2.49 0.00	35.71 2.65 0.00	34.02 2.34 0.00	33.98 2.37 0.00	35.52 2.54 0.00	38.48 2.88 0.00	48.43 3.92 0.00	51.84 4.11 0.00	49.33 3.95 -0.49	46.97 3.56 -0.51	60.31 4.35 -1.58	58.60 4.27 -1.64	59.10 4.27 -1.49	59.79 4.27 -1.45	64.28 4.57 -2.62	72.11 4.87 -9.86	80.51 4.99 -20.15	97.03 8.40 -2.95	139.99 8.07 -51.98	101.04 6.39 -30.72	97.23 5.83 -32.56	81.28 5.20 -20.76	70.54 5.05 -9.99	62.77 4.88 -2.45
UPPER RAQUET___HYD 24056	59.97 -1.49 -26.88	57.32 -1.72 -25.98	55.13 -1.65 -25.11	55.00 -1.68 -25.07	52.33 -1.72 -21.06	32.68 -2.92 0.00	40.77 -3.74 0.00	44.68 -3.06 0.00	41.48 -3.41 0.00	39.98 -2.92 0.00	88.51 -4.35 -38.49	81.87 -4.27 -33.45	82.74 -4.43 -33.83	84.01 -4.38 -34.32	92.36 -4.68 -39.95	89.18 -4.70 -36.51	51.59 -4.26 -0.48	91.99 -5.31 -11.63	75.62 -4.32 0.00	61.04 -3.64 -0.75	56.35 -3.29 -0.80	51.68 -4.15 -0.51	52.80 -2.94 -0.25	53.72 -1.78 -0.06
VALLEY44_115KV_TB2 355964	33.88 -0.69 0.00	32.24 -0.83 0.00	31.20 -0.48 0.00	31.17 -0.44 0.00	32.52 -0.46 0.00	35.46 -0.14 0.00	44.20 -0.31 0.00	45.73 -2.00 0.00	43.32 -1.57 0.00	41.35 -1.54 0.00	50.78 -3.59 0.00	48.37 -4.11 0.22	49.29 -3.95 0.10	50.33 -3.73 0.00	53.03 -4.05 0.00	54.17 -4.02 -0.81	54.09 -3.71 -2.43	81.65 -4.20 -0.18	78.30 -4.08 -2.44	63.95 -3.71 -3.73	56.64 -3.53 -1.33	53.92 -3.93 -2.53	52.28 -4.44 -1.22	50.86 -4.88 -0.30
VALLEY___115KV_TB 1-4 80826	34.57 0.00 0.00	33.03 -0.03 0.00	31.67 0.00 0.00	31.64 0.03 0.00	33.05 0.07 0.00	35.74 0.14 0.00	44.69 0.18 0.00	47.98 0.24 0.00	45.07 0.18 0.00	43.07 0.17 0.00	54.59 0.22 0.00	52.85 0.16 0.00	53.50 0.16 0.00	54.17 0.11 0.00	57.20 0.11 0.00	57.49 0.11 0.00	55.71 0.33 0.00	86.36 0.69 0.00	80.66 0.72 0.00	64.56 0.64 0.00	59.43 0.59 0.00	55.93 0.61 0.00	56.22 0.72 0.00	56.16 0.72 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.58 2.01 0.00	34.78 1.72 0.00	33.42 1.74 0.00	33.32 1.71 0.00	34.80 1.81 0.00	37.63 2.03 0.00	47.31 2.80 0.00	50.98 3.25 0.00	47.54 3.01 0.36	45.47 2.96 0.38	56.45 3.26 1.18	54.51 3.06 1.24	55.26 3.04 1.12	56.06 3.08 1.08	58.38 3.25 1.96	60.82 3.33 -0.11	66.42 3.88 -7.17	93.41 6.68 -1.06	97.19 6.32 -10.94	79.73 4.86 -10.95	74.61 4.41 -11.35	66.48 3.76 -7.40	62.72 3.66 -3.56	59.73 3.44 -0.85
VISCHER___FERRY HYD 24020	36.09 1.52 0.00	34.58 1.52 0.00	33.07 1.39 0.00	33.00 1.39 0.00	34.47 1.49 0.00	37.24 1.64 0.00	46.73 2.22 0.00	50.12 2.39 0.00	47.71 2.29 -0.53	45.60 2.14 -0.56	59.14 3.04 -1.72	57.48 3.00 -1.79	58.00 3.04 -1.62	58.73 3.08 -1.58	63.19 3.25 -2.86	70.72 3.33 -10.01	78.45 3.27 -19.81	93.98 5.40 -2.91	130.08 5.04 -45.10	98.16 4.03 -30.20	94.50 3.65 -32.01	79.05 3.32 -20.41	68.71 3.39 -9.82	61.12 3.27 -2.41
V_A_10_SYNC_DSASP 323832	32.26 -2.32 0.00	30.72 -2.35 0.00	29.55 -2.12 0.00	29.49 -2.12 0.00	30.81 -2.18 0.00	33.50 -2.10 0.00	41.66 -2.85 0.00	43.20 -4.54 0.00	40.67 -4.22 0.00	38.91 -3.99 0.00	48.12 -6.25 0.00	46.38 -6.32 -0.01	47.10 -6.29 -0.06	47.80 -6.27 0.00	50.47 -6.62 0.00	51.62 -6.54 -0.78	51.72 -6.03 -2.38	77.23 -8.48 -0.05	73.77 -7.92 -1.74	61.12 -6.45 -3.65	58.06 -6.18 -5.40	51.87 -5.92 -2.46	52.02 -4.66 -1.18	52.29 -3.44 -0.29
V_CMM_10_SYNC_DSASP 323787	31.78 -0.21 2.59	30.40 -0.16 2.50	29.07 -0.19 2.42	29.01 -0.19 2.41	30.69 -0.27 2.03	35.28 -0.32 0.00	44.11 -0.40 0.00	47.45 -0.28 0.00	44.53 -0.36 0.00	42.47 -0.43 0.00	50.12 -0.54 3.71	49.00 -0.48 3.22	49.55 -0.53 3.26	50.22 -0.54 3.30	52.56 -0.68 3.85	53.13 -0.75 3.50	54.49 -0.89 0.00	82.75 -1.80 1.11	78.42 -1.52 0.00	62.78 -1.15 0.00	57.96 -0.88 0.00	54.55 -0.77 0.00	54.56 -0.94 0.00	54.66 -0.78 0.00
V_CMP_10_SYNC_DSASP 323788	-6.89 -1.21 40.25	-6.99 -1.16 38.90	-7.07 -1.14 37.60	-7.10 -1.17 37.54	0.22 -1.22 31.54	34.21 -1.39 0.00	42.60 -1.91 0.00	46.02 -1.72 0.00	43.19 -1.71 0.00	41.10 -1.80 0.00	-5.71 -2.45 57.64	0.29 -2.32 50.09	0.29 -2.40 50.66	0.24 -2.43 51.40	-5.48 -2.74 59.83	0.19 -2.75 54.43	52.83 -2.55 0.00	64.08 -4.28 17.31	76.26 -3.68 0.00	61.94 -1.98 0.00	57.38 -1.47 0.00	53.50 -1.82 0.00	53.56 -1.94 0.00	53.83 -1.61 0.00
V_D_10_SYNC_DSASP 323841	31.85 -0.14 2.59	30.50 -0.07 2.50	29.16 -0.09 2.42	29.07 -0.13 2.41	30.79 -0.16 2.03	35.39 -0.21 0.00	44.24 -0.27 0.00	47.59 -0.14 0.00	44.67 -0.22 0.00	42.60 -0.30 0.00	50.29 -0.38 3.71	49.16 -0.31 3.22	49.71 -0.37 3.26	50.39 -0.38 3.30	52.72 -0.51 3.85	53.30 -0.57 3.50	54.65 -0.72 0.00	83.02 -1.54 1.11	78.66 -1.28 0.00	63.03 -0.90 0.00	58.14 -0.70 0.00	54.71 -0.61 0.00	54.78 -0.72 0.00	54.83 -0.61 0.00
V_E_10_SYNC_DSASP 323830	37.06 2.49 0.00	35.05 1.98 0.00	33.73 2.06 0.00	33.66 2.05 0.00	35.20 2.21 0.00	38.41 2.81 0.00	48.38 3.87 0.00	56.09 8.35 0.00	51.44 7.09 0.55	48.88 6.56 0.58	59.01 6.41 1.78	56.84 6.00 1.86	57.58 5.92 1.68	58.49 6.05 1.63	60.82 6.68 2.94	63.33 7.06 1.10	71.85 9.47 -7.00	96.25 9.76 -0.82	95.38 9.35 -6.10	79.33 6.97 -8.44	73.67 6.18 -8.65	65.83 4.81 -5.70	62.91 4.66 -2.74	60.49 4.38 -0.67
V_F_30_NSYNC___DSASP 323816	36.75 2.18 0.00	35.34 2.28 0.00	33.70 2.03 0.00	33.66 2.05 0.00	35.20 2.21 0.00	38.05 2.45 0.00	47.80 3.29 0.00	51.22 3.48 0.00	48.72 3.32 -0.50	46.47 3.05 -0.53	59.81 3.80 -1.63	58.12 3.74 -1.68	58.66 3.79 -1.53	59.40 3.84 -1.49	63.89 4.11 -2.70	71.71 4.42 -9.91	79.86 4.43 -20.05	95.98 7.37 -2.94	137.25 7.04 -50.27	100.12 5.63 -30.57	96.36 5.12 -32.40	80.63 4.65 -20.66	69.99 4.55 -9.94	62.31 4.44 -2.44

V_F_30_SYNC_DSASP 323786	35.23 0.66 0.00	33.79 0.73 0.00	32.28 0.60 0.00	32.21 0.60 0.00	33.64 0.66 0.00	36.31 0.71 0.00	45.53 1.02 0.00	48.79 1.05 0.00	46.51 1.12 -0.50	44.58 1.16 -0.52	58.49 2.50 -1.61	56.79 2.42 -1.67	57.31 2.45 -1.51	58.09 2.54 -1.48	62.32 2.57 -2.67	69.48 2.30 -9.80	77.32 2.16 -19.79	92.09 3.51 -2.90	121.91 3.20 -38.77	96.68 2.56 -30.20	93.20 2.35 -32.01	77.94 2.21 -20.41	67.65 2.33 -9.82	60.17 2.33 -2.41
V_XM_10_SYNC_DSASP 323789	-6.89 -1.21 40.25	-6.99 -1.16 38.90	-7.07 -1.14 37.60	-7.10 -1.17 37.54	0.22 -1.22 31.54	34.21 -1.39 0.00	42.60 -1.91 0.00	46.02 -1.72 0.00	43.19 -1.71 0.00	41.10 -1.80 0.00	-5.71 -2.45 57.64	0.29 -2.32 50.09	0.29 -2.40 50.66	0.24 -2.43 51.40	-5.48 -2.74 59.83	0.19 -2.75 54.43	52.83 -2.55 0.00	64.08 -4.28 17.31	76.26 -3.68 0.00	61.94 -1.98 0.00	57.38 -1.47 0.00	53.50 -1.82 0.00	53.56 -1.94 0.00	53.83 -1.61 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.44 1.87 0.00	34.72 1.65 0.00	33.10 1.43 0.00	33.03 1.42 0.00	34.54 1.55 0.00	37.31 1.71 0.00	47.00 2.49 0.00	50.55 2.82 0.00	43.72 2.78 3.95	41.38 2.66 4.18	45.05 3.53 12.86	43.02 3.64 13.31	44.95 3.68 12.07	45.99 3.73 11.80	39.78 4.00 21.30	41.72 4.25 19.90	74.09 4.32 -14.39	94.98 7.20 -2.12	98.14 6.40 -11.80	90.94 5.05 -21.97	86.65 4.59 -23.22	74.26 4.09 -14.84	66.64 4.00 -7.14	60.85 3.66 -1.75
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.86 2.28 0.00	35.11 2.05 0.00	33.42 1.74 0.00	33.35 1.74 0.00	34.87 1.88 0.00	37.70 2.10 0.00	47.63 3.12 0.00	51.32 3.58 0.00	50.81 3.59 -2.32	48.91 3.56 -2.45	66.43 4.51 -7.55	65.09 4.58 -7.81	65.06 4.64 -7.08	65.65 4.65 -6.93	74.55 4.97 -12.50	82.14 5.22 -19.54	75.67 5.37 -14.92	96.60 8.74 -2.19	99.91 7.75 -12.22	92.76 6.07 -22.77	88.50 5.59 -24.07	75.63 4.92 -15.38	67.62 4.72 -7.40	61.63 4.38 -1.81
W50THST__13_KV_LOAD 356117	36.99 2.42 0.00	35.25 2.18 0.00	33.54 1.87 0.00	33.48 1.87 0.00	35.00 2.01 0.00	37.88 2.28 0.00	47.85 3.34 0.00	51.56 3.82 0.00	51.08 3.86 -2.32	49.17 3.82 -2.45	66.76 4.84 -7.55	65.35 4.85 -7.81	65.33 4.91 -7.08	65.97 4.97 -6.93	74.90 5.31 -12.50	82.43 5.51 -19.54	76.00 5.70 -14.92	97.11 9.25 -2.19	100.31 8.15 -12.22	93.15 6.46 -22.77	88.80 5.88 -24.07	75.91 5.20 -15.38	67.84 4.94 -7.40	61.85 4.60 -1.81
WADING RIVER_IC_1 23522	37.89 3.32 0.00	35.67 2.61 0.00	34.05 2.38 0.00	33.79 2.18 0.00	35.79 2.80 0.00	38.77 3.17 0.00	49.05 4.54 0.00	52.51 4.77 0.00	51.65 4.45 -2.31	48.94 3.60 -2.44	66.79 4.90 -7.52	65.27 4.79 -7.78	65.25 4.85 -7.06	66.05 5.08 -6.90	74.97 5.43 -12.46	83.18 6.31 -19.49	91.20 7.37 -28.46	110.62 11.99 -12.96	103.38 10.87 -12.58	95.18 8.50 -22.75	90.60 7.71 -24.05	86.82 6.80 -24.69	69.44 6.55 -7.39	62.91 5.66 -1.81
WADING RIVER_IC_2 23547	37.89 3.32 0.00	35.67 2.61 0.00	34.05 2.38 0.00	33.79 2.18 0.00	35.79 2.80 0.00	38.77 3.17 0.00	49.05 4.54 0.00	52.51 4.77 0.00	51.65 4.45 -2.31	48.94 3.60 -2.44	66.79 4.90 -7.52	65.27 4.79 -7.78	65.25 4.85 -7.06	66.05 5.08 -6.90	74.97 5.43 -12.46	83.18 6.31 -19.49	91.20 7.37 -28.46	110.62 11.99 -12.96	103.38 10.87 -12.58	95.18 8.50 -22.75	90.60 7.71 -24.05	86.82 6.80 -24.69	69.44 6.55 -7.39	62.91 5.66 -1.81
WADING RIVER_IC_3 23601	37.89 3.32 0.00	35.67 2.61 0.00	34.05 2.38 0.00	33.79 2.18 0.00	35.79 2.80 0.00	38.77 3.17 0.00	49.05 4.54 0.00	52.51 4.77 0.00	51.65 4.45 -2.31	48.94 3.60 -2.44	66.79 4.90 -7.52	65.27 4.79 -7.78	65.25 4.85 -7.06	66.05 5.08 -6.90	74.97 5.43 -12.46	83.18 6.31 -19.49	91.20 7.37 -28.46	110.62 11.99 -12.96	103.38 10.87 -12.58	95.18 8.50 -22.75	90.60 7.71 -24.05	86.82 6.80 -24.69	69.44 6.55 -7.39	62.91 5.66 -1.81
WALDENNY_12_KV_BK2 80841	32.71 -1.87 0.00	31.08 -1.98 0.00	30.15 -1.52 0.00	30.09 -1.52 0.00	31.40 -1.58 0.00	34.25 -1.35 0.00	42.68 -1.82 0.00	43.97 -3.77 0.00	41.53 -3.37 0.00	39.59 -3.30 0.00	48.82 -5.55 0.00	46.47 -5.90 0.32	47.52 -5.71 0.12	48.50 -5.57 0.00	50.97 -6.11 0.00	52.04 -6.02 -0.68	51.90 -5.54 -2.06	78.38 -7.11 0.18	75.46 -6.63 -2.16	61.41 -5.69 -3.17	53.87 -5.35 -0.39	52.05 -5.42 -2.15	51.98 -4.55 -1.04	51.93 -3.77 -0.26
WALDEN__HYDRO 24148	36.37 1.80 0.00	34.72 1.65 0.00	33.07 1.39 0.00	33.00 1.39 0.00	34.54 1.55 0.00	37.31 1.71 0.00	47.05 2.54 0.00	50.55 2.82 0.00	46.43 2.78 1.24	44.16 2.57 1.31	53.70 3.37 4.05	51.93 3.43 4.19	53.06 3.52 3.80	53.98 3.62 3.71	54.32 3.94 6.70	58.65 4.30 3.03	74.32 4.60 -14.35	95.40 7.62 -2.11	98.91 6.87 -12.10	91.26 5.43 -21.90	87.00 5.00 -23.15	74.55 4.43 -14.80	67.00 4.38 -7.12	61.23 4.05 -1.74
WARRENSBURG____ 23737	37.06 2.49 0.00	35.71 2.65 0.00	34.02 2.34 0.00	33.98 2.37 0.00	35.52 2.54 0.00	38.48 2.88 0.00	48.43 3.92 0.00	51.84 4.11 0.00	49.33 3.95 -0.49	46.97 3.56 -0.51	60.31 4.35 -1.58	58.60 4.27 -1.64	59.10 4.27 -1.49	59.79 4.27 -1.45	64.28 4.57 -2.62	72.11 4.87 -9.86	80.51 4.99 -20.15	97.03 8.40 -2.95	139.99 8.07 -51.98	101.04 6.39 -30.72	97.23 5.83 -32.56	81.28 5.20 -20.76	70.54 5.05 -9.99	62.77 4.88 -2.45
WATERSIDE__6 8 9 23538	36.96 2.39 0.00	35.25 2.18 0.00	33.48 1.81 0.00	33.41 1.80 0.00	34.90 1.91 0.00	37.74 2.14 0.00	47.58 3.07 0.00	51.27 3.53 0.00	50.71 3.50 -2.32	48.86 3.52 -2.45	66.54 4.62 -7.54	65.19 4.69 -7.80	65.16 4.75 -7.08	65.75 4.76 -6.92	74.71 5.14 -12.49	82.24 5.34 -19.52	75.84 5.54 -14.93	96.86 9.00 -2.20	100.16 7.99 -12.22	93.03 6.33 -22.78	88.69 5.77 -24.08	75.80 5.09 -15.39	67.79 4.88 -7.41	61.81 4.55 -1.82
WATKINRD_115KV_LN8_ILLION 55919	34.82 0.24 0.00	33.26 0.20 0.00	31.90 0.22 0.00	31.83 0.22 0.00	33.25 0.26 0.00	35.92 0.32 0.00	44.95 0.45 0.00	48.21 0.48 0.00	45.30 0.40 0.00	43.33 0.43 0.00	54.86 0.49 0.00	53.17 0.47 0.00	53.82 0.48 0.00	54.55 0.49 0.00	57.60 0.51 0.00	57.89 0.52 0.00	56.04 0.66 0.00	86.87 1.20 0.00	81.14 1.20 0.00	64.88 0.96 0.00	59.73 0.88 0.00	56.10 0.77 0.00	56.33 0.83 0.00	56.27 0.83 0.00
WATSON__69_KV_BK 1 55734	38.07 3.49 0.00	35.91 2.84 0.00	34.18 2.50 0.00	33.95 2.34 0.00	35.92 2.94 0.00	38.91 3.31 0.00	49.18 4.67 0.00	52.85 5.11 0.00	51.87 4.67 -2.31	49.29 3.95 -2.44	67.17 5.27 -7.52	65.75 5.27 -7.78	65.73 5.33 -7.06	66.65 5.68 -6.90	75.65 6.11 -12.46	83.93 7.06 -19.49	91.70 7.86 -28.46	111.05 12.42 -12.96	103.87 11.35 -12.58	95.66 8.95 -22.79	91.23 8.30 -24.09	87.40 7.36 -24.72	70.17 7.27 -7.40	63.57 6.32 -1.81
WDELAWARE__HYD 323627	36.75 2.18 0.00	35.05 1.98 0.00	33.41 1.74 0.00	33.35 1.74 0.00	34.93 1.95 0.00	37.77 2.17 0.00	47.76 3.25 0.00	51.32 3.58 0.00	47.36 3.46 0.99	44.86 3.00 1.04	54.96 3.80 3.21	53.16 3.80 3.33	54.27 3.95 3.02	55.17 4.06 2.95	56.33 4.57 5.32	60.67 5.05 1.76	74.19 5.48 -13.34	96.88 9.26 -1.95	100.34 8.47 -11.93	90.83 6.65 -20.26	86.42 6.18 -21.40	74.44 5.42 -13.69	67.47 5.38 -6.59	61.99 4.93 -1.62

WEST BABYLON___IC 23714	37.89 3.32 0.00	35.77 2.71 0.00	34.05 2.38 0.00	33.86 2.24 0.00	35.79 2.80 0.00	38.73 3.13 0.00	48.92 4.41 0.00	52.56 4.82 0.00	51.65 4.44 -2.31	49.12 3.77 -2.44	66.95 5.06 -7.52	65.54 5.06 -7.78	65.52 5.12 -7.06	66.38 5.41 -6.90	75.42 5.88 -12.46	83.53 6.66 -19.49	91.09 7.25 -28.46	110.20 11.57 -12.96	103.15 10.63 -12.58	95.02 8.31 -22.79	90.64 7.71 -24.09	86.90 6.86 -24.72	69.84 6.94 -7.40	63.24 5.99 -1.81
WEST CANADA___HYD 24049	34.71 0.14 0.00	33.16 0.10 0.00	31.80 0.13 0.00	31.74 0.13 0.00	33.12 0.13 0.00	35.74 0.14 0.00	44.69 0.18 0.00	47.93 0.19 0.00	45.12 0.23 0.00	43.11 0.22 0.00	54.70 0.33 0.00	53.01 0.32 0.00	53.66 0.32 0.00	54.39 0.33 0.00	57.43 0.34 0.00	57.72 0.35 0.00	55.77 0.39 0.00	86.44 0.77 0.00	80.66 0.72 0.00	64.43 0.51 0.00	59.31 0.47 0.00	55.76 0.44 0.00	55.94 0.44 0.00	55.88 0.44 0.00
WESTERN_NY_WIND 24143	33.09 -1.49 0.00	31.44 -1.62 0.00	30.53 -1.14 0.00	30.47 -1.14 0.00	31.67 -1.32 0.00	34.64 -0.96 0.00	43.26 -1.25 0.00	45.11 -2.63 0.00	42.33 -2.56 0.00	40.45 -2.45 0.00	49.80 -4.57 0.00	47.50 -5.01 0.19	48.63 -4.64 0.07	49.31 -4.76 0.00	52.06 -5.02 0.00	53.13 -4.88 -0.64	53.09 -4.21 -1.93	80.80 -4.88 -0.01	77.22 -4.56 -1.84	62.95 -3.96 -2.99	56.40 -3.88 -1.44	53.19 -4.15 -2.02	53.25 -3.22 -0.97	53.46 -2.22 -0.24
WESTOVER___LESR 323668	34.64 0.07 0.00	33.10 0.03 0.00	31.77 0.10 0.00	31.71 0.09 0.00	33.12 0.13 0.00	35.88 0.28 0.00	44.91 0.40 0.00	47.83 0.10 0.00	44.76 0.13 0.26	42.75 0.13 0.28	53.08 -0.43 0.86	51.27 -0.53 0.90	51.98 -0.53 0.83	52.79 -0.49 0.79	55.21 -0.46 1.42	57.16 -0.29 -0.07	60.53 0.00 -5.15	87.11 0.60 -0.84	85.18 0.48 -4.76	72.12 0.32 -7.87	66.77 0.18 -7.75	60.59 -0.06 -5.32	58.00 -0.06 -2.56	55.95 -0.11 -0.62
WETHRSFD_WT_PWR 323626	32.53 -2.04 0.00	30.88 -2.18 0.00	29.77 -1.90 0.00	29.78 -1.83 0.00	31.11 -1.88 0.00	33.89 -1.71 0.00	42.24 -2.27 0.00	43.87 -3.87 0.00	41.30 -3.59 0.00	39.34 -3.56 0.00	48.45 -5.93 0.00	45.88 -6.17 0.65	47.12 -6.13 0.09	48.12 -5.95 0.00	50.86 -6.22 0.00	52.14 -6.08 -0.85	52.55 -5.37 -2.55	77.30 -6.94 1.43	76.13 -6.32 -2.51	62.65 -5.18 -3.90	55.78 -4.82 -1.76	53.09 -4.87 -2.64	52.55 -4.22 -1.27	52.15 -3.60 -0.32
WHAVSTOR_138KV_BK127 55557	36.34 1.76 0.00	34.62 1.55 0.00	33.00 1.33 0.00	32.94 1.33 0.00	34.44 1.45 0.00	37.17 1.57 0.00	46.82 2.31 0.00	50.32 2.58 0.00	43.51 2.60 3.99	41.17 2.49 4.21	44.78 3.37 12.97	42.75 3.48 13.43	44.69 3.52 12.17	45.73 3.57 11.91	39.37 3.77 21.48	41.29 4.02 20.10	73.89 4.10 -14.42	94.47 6.68 -2.12	97.68 5.92 -11.82	90.66 4.73 -22.01	86.40 4.30 -23.26	74.01 3.82 -14.87	66.37 3.72 -7.15	60.63 3.44 -1.75
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.34 1.76 0.00	34.62 1.55 0.00	33.00 1.33 0.00	32.94 1.33 0.00	34.44 1.45 0.00	37.17 1.57 0.00	46.82 2.31 0.00	50.32 2.58 0.00	43.51 2.60 3.99	41.17 2.49 4.21	44.78 3.37 12.97	42.75 3.48 13.43	44.69 3.52 12.17	45.73 3.57 11.91	39.37 3.77 21.48	41.29 4.02 20.10	73.89 4.10 -14.42	94.47 6.68 -2.12	97.68 5.92 -11.82	90.66 4.73 -22.01	86.40 4.30 -23.26	74.01 3.82 -14.87	66.37 3.72 -7.15	60.63 3.44 -1.75
WHITEHAL_115KV_TB1 80871	37.58 3.01 0.00	36.27 3.21 0.00	34.46 2.79 0.00	34.42 2.81 0.00	36.05 3.07 0.00	39.12 3.52 0.00	49.27 4.76 0.00	52.75 5.01 0.00	50.14 4.76 -0.49	47.70 4.29 -0.52	61.30 5.33 -1.59	59.40 5.06 -1.65	59.90 5.07 -1.50	60.61 5.08 -1.46	65.15 5.42 -2.64	73.22 5.97 -9.87	81.59 6.09 -20.13	98.90 10.28 -2.95	141.45 9.91 -51.60	102.50 7.86 -30.71	98.57 7.18 -32.55	82.44 6.36 -20.75	71.59 6.11 -9.98	63.82 5.93 -2.45
WHITEPLN_13_KV_LOAD 356215	36.99 2.42 0.00	35.28 2.22 0.00	33.57 1.90 0.00	33.54 1.93 0.00	35.06 2.08 0.00	37.88 2.28 0.00	47.80 3.29 0.00	51.51 3.77 0.00	51.18 3.91 -2.38	49.11 3.69 -2.52	66.75 4.62 -7.76	65.41 4.69 -8.03	65.37 4.75 -7.28	66.00 4.81 -7.12	75.19 5.25 -12.85	82.74 5.45 -19.92	75.80 5.54 -14.89	97.02 9.17 -2.19	100.52 8.39 -12.19	93.23 6.58 -22.72	88.81 5.94 -24.02	75.88 5.20 -15.36	67.94 5.05 -7.39	61.91 4.66 -1.81
WM_FLOYD_69_KV_BK2 356380	37.89 3.32 0.00	35.74 2.68 0.00	34.02 2.34 0.00	33.79 2.18 0.00	35.79 2.80 0.00	38.73 3.13 0.00	48.96 4.45 0.00	52.61 4.87 0.00	51.61 4.40 -2.31	48.94 3.60 -2.44	66.68 4.78 -7.52	65.27 4.80 -7.78	65.25 4.85 -7.06	66.05 5.08 -6.90	74.97 5.42 -12.46	83.35 6.48 -19.49	91.31 7.48 -28.46	110.71 12.08 -12.96	103.47 10.95 -12.58	95.34 8.63 -22.79	90.76 7.83 -24.09	87.01 6.97 -24.72	69.62 6.72 -7.40	63.02 5.77 -1.81
WOODARD__115KV_TB2 355635	33.99 -0.59 0.00	32.47 -0.60 0.00	31.14 -0.54 0.00	31.07 -0.54 0.00	32.46 -0.53 0.00	35.17 -0.43 0.00	43.89 -0.62 0.00	46.93 -0.81 0.00	44.13 -0.76 0.00	42.17 -0.73 0.00	53.12 -1.25 0.00	51.43 -1.26 0.00	52.11 -1.23 0.00	52.82 -1.24 0.00	55.83 -1.26 0.00	56.59 -1.26 -0.48	55.87 -0.94 -1.43	84.77 -1.11 -0.21	78.98 -0.96 0.00	65.22 -0.89 -2.19	60.28 -0.88 -2.32	55.80 -1.00 -1.48	55.27 -0.94 -0.71	54.73 -0.89 -0.18
YORK___WARBASSE 23770	37.20 2.63 0.00	35.48 2.41 0.00	33.67 2.00 0.00	33.60 1.99 0.00	35.10 2.11 0.00	37.95 2.35 0.00	47.85 3.34 0.00	51.56 3.82 0.00	50.94 3.73 -2.32	49.08 3.73 -2.45	66.75 4.84 -7.54	65.40 4.90 -7.80	65.38 4.96 -7.08	65.97 4.97 -6.92	74.83 5.25 -12.49	82.47 5.57 -19.53	76.06 5.76 -14.93	97.29 9.42 -2.20	100.64 8.47 -12.22	93.35 6.65 -22.78	89.04 6.12 -24.08	76.08 5.37 -15.39	68.07 5.16 -7.41	62.14 4.88 -1.82