

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								01/05/2024		
Generator Data																												
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	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			
	46.95	46.66	46.15	45.28	44.58	47.16	60.43	72.66	75.07	62.22	50.43	50.70	49.61	49.11	51.03	56.94	63.52	89.92	71.83	66.24	60.69	58.60	53.77	53.91				
	3.11	2.93	2.78	2.69	2.56	3.21	4.83	5.10	4.96	4.36	4.21	4.06	4.09	3.72	3.67	3.84	4.05	4.92	4.52	4.25	3.87	3.81	3.90	3.68				
		-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-12.14	-18.92	-13.81	-2.40	-3.41	-3.85	-5.40	-7.46	-10.84	-15.44	-36.23	-22.07	-17.78	-12.82	-10.93	-6.05	-6.41			
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			
	47.43	46.75	46.23	45.37	44.67	47.29	60.55	72.73	79.02	65.39	50.50	50.70	50.56	49.16	51.08	56.99	63.49	97.01	71.84	66.29	60.83	58.79	53.86	53.99				
	3.59	3.02	2.86	2.77	2.65	3.34	4.95	5.15	4.86	4.27	4.21	4.06	4.00	3.76	3.71	3.89	4.01	4.88	4.52	4.29	4.00	3.99	3.99	3.77				
		-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-12.15	-22.98	-17.08	-2.48	-3.42	-4.88	-5.41	-7.46	-10.85	-15.44	-43.37	-22.08	-17.78	-12.83	-10.94	-6.06	-6.41			
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			
	47.43	46.75	46.23	45.37	44.67	47.29	60.55	72.73	79.02	65.39	50.50	50.70	50.56	49.16	51.08	56.99	63.49	97.01	71.84	66.29	60.83	58.79	53.86	53.99				
	3.59	3.02	2.86	2.77	2.65	3.34	4.95	5.15	4.86	4.27	4.21	4.06	4.00	3.76	3.71	3.89	4.01	4.88	4.52	4.29	4.00	3.99	3.99	3.77				
		-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-12.15	-22.98	-17.08	-2.48	-3.42	-4.88	-5.41	-7.46	-10.85	-15.44	-43.37	-22.08	-17.78	-12.83	-10.94	-6.06	-6.41			
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			
	46.57	46.09	45.71	44.90	44.21	46.77	59.32	74.59	69.95	57.35	48.92	49.55	46.05	48.52	51.24	58.16	66.11	82.35	76.03	69.47	62.78	60.09	53.72	54.23				
	2.71	2.36	2.34	2.30	2.19	2.81	3.73	3.66	3.33	2.69	2.19	1.99	1.67	1.64	1.84	2.07	2.38	2.78	2.62	2.56	2.42	2.28	2.19	2.23				
		-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-15.50	-15.44	-10.62	-2.91	-4.34	-2.71	-6.89	-9.51	-13.83	-19.70	-30.81	-28.17	-22.69	-16.36	-13.94	-7.71	-8.18			
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			
	46.62	46.27	45.93	45.07	44.37	46.98	59.66	74.93	70.32	57.62	49.09	49.69	46.17	48.64	51.37	58.29	66.26	82.57	76.23	69.71	63.01	60.27	53.86	54.37				
	2.76	2.54	2.56	2.47	2.35	3.03	4.06	3.99	3.69	2.95	2.36	2.12	1.79	1.76	1.95	2.20	2.51	2.97	2.81	2.79	2.64	2.45	2.32	2.36				
		-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-15.52	-15.45	-10.63	-2.91	-4.35	-2.71	-6.89	-9.51	-13.84	-19.71	-30.83	-28.18	-22.70	-16.37	-13.95	-7.72	-8.19			
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			
	46.57	46.09	45.71	44.90	44.21	46.77	59.32	74.59	69.95	57.35	48.92	49.55	46.05	48.52	51.24	58.16	66.11	82.35	76.03	69.47	62.78	60.09	53.72	54.23				
	2.71	2.36	2.34	2.30	2.19	2.81	3.73	3.66	3.33	2.69	2.19	1.99	1.67	1.64	1.84	2.07	2.38	2.78	2.62	2.56	2.42	2.28	2.19	2.23				
		-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-15.50	-15.44	-10.62	-2.91	-4.34	-2.71	-6.89	-9.51	-13.83	-19.70	-30.81	-28.17	-22.69	-16.36	-13.94	-7.71	-8.18			
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			
	46.48	46.27	45.84	45.07	44.46	46.72	59.38	74.03	69.25	56.97	49.22	50.06	46.84	49.14	51.62	58.31	65.97	81.61	75.31	68.97	62.61	60.17	54.00	54.58				
	2.63	2.54	2.47	2.47	2.44	2.77	3.78	3.60	3.12	2.64	2.58	2.64	2.54	2.48	2.52	2.66	2.86	3.02	2.81	2.79	2.77	2.81	2.72	2.85				
		-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-15.01	-14.95	-10.28	-2.81	-4.20	-2.62	-6.67	-9.20	-13.39	-19.07	-29.83	-27.27	-21.96	-15.84	-13.50	-7.47	-7.92			
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			
	45.56	45.13	44.80	44.05	43.41	45.62	56.99	71.74	67.28	55.27	47.56	48.30	45.22	47.51	49.92	56.52	64.11	79.72	73.55	67.20	60.79	58.26	52.22	53.02				
	1.71	1.40	1.43	1.45	1.39	1.67	1.39	1.27	1.13	0.92	0.92	0.86	0.92	0.84	0.80	0.85	0.97	1.07	1.00	0.97	0.92	0.88	0.92	1.27				
		-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-15.04	-14.98	-10.30	-2.82	-4.21	-2.62	-6.68	-9.22	-13.42	-19.10	-29.89	-27.32	-22.00	-15.87	-13.52	-7.48	-7.94			
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			
	43.38	43.69	43.37	42.56	42.02	43.51	54.77	54.65	50.57	43.56	43.56	43.14	41.51	39.75	39.62	42.00	43.51	47.88	44.38	43.47	43.51	43.47	43.56	43.56				
	-0.39	-0.04	0.00	-0.04	0.00	-0.44	-0.83	-0.78	-0.61	-0.48	-0.26	-0.09	-0.17	-0.24	-0.28	-0.25	-0.53	-0.88	-0.86	-0.75	-0.48	-0.39	-0.26	-0.26				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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			
	46.13	45.96	45.58	44.77	44.12	46.37	58.27	72.55	67.96	55.86	48.12	48.78	45.62	47.86	50.34	56.93	64.44	79.96	73.83	67.56	61.32	58.79	52.82	53.52				
	2.27	2.23	2.21	2.17	2.10	2.42	2.67	2.38	2.10	1.72	1.53	1.42	1.37	1.32	1.40	1.52	1.67	1.90	1.81	1.77	1.76	1.67	1.66	1.93				
		-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-14.74	-14.69	-10.10	-2.77	-4.13	-2.57	-6.55	-9.04	-13.16	-18.73	-29.30	-26.78	-21.57	-15.56	-13.26	-7.34	-7.78			
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			
	46.13	45.92	45.54	44.77	44.08	46.33	58.27	72.50	67.97	55.86	48.12	48.78	45.62	47.86	50.30	56.89	64.44	79.96	73.78	67.56	61.27	58.79	52.82	53.52				
	2.27	2.19	2.17	2.17	2.06	2.37	2.67	2.33	2.10	1.72	1.53	1.42	1.37	1.32	1.36	1.48	1.67	1.90	1.76	1.77	1.71	1.67	1.66	1.93				
		-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-14.75	-14.69	-10.10	-2.77	-4.13	-2.57	-6.55	-9.04	-13.16	-18.73	-29.30	-26.78	-21.57	-15.56	-13.26	-7.34	-7.78			
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			
	45.56	45.13	44.80	44.05	43.41	45.62	56.99	71.74	67.28	55.27	47.56	48.30	45.22	47.51	49.92	56.52	64.11	79.72	73.55	67.20	60.79	58.26	52.22	53.02				
	1.71	1.40	1.43	1.45	1.39	1.67	1.39	1.27	1.13	0.92	0.92	0.86	0.92	0.84	0.80	0.85	0.97	1.07	1.00	0.97	0.92	0.88	0.92	1.27				
		-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-15.04	-14.98	-10.30	-2.82	-4.21	-2.62	-6.68	-9.22	-13.42	-19.10	-29.89	-27.32	-22.00	-15.87	-13.52	-7.48	-7.94			

ALBANY___2 23572	45.56 1.71 -0.08	45.13 1.40 0.00	44.80 1.43 0.00	44.05 1.45 0.00	43.41 1.39 0.00	45.62 1.67 0.00	56.99 1.39 0.00	71.74 1.27 -15.04	67.28 1.13 -14.98	55.27 0.92 -10.30	47.56 0.92 -2.82	48.30 0.86 -4.21	45.22 0.92 -2.62	47.51 0.84 -6.68	49.92 0.80 -9.22	56.52 0.85 -13.42	64.11 0.97 -19.10	79.72 1.07 -29.89	73.55 1.00 -27.32	67.20 0.97 -22.00	60.79 0.92 -15.87	58.26 0.88 -13.52	52.22 0.92 -7.48	53.02 1.27 -7.94
ALBANY___3 23573	45.56 1.71 -0.08	45.13 1.40 0.00	44.80 1.43 0.00	44.05 1.45 0.00	43.41 1.39 0.00	45.62 1.67 0.00	56.99 1.39 0.00	71.74 1.27 -15.04	67.28 1.13 -14.98	55.27 0.92 -10.30	47.56 0.92 -2.82	48.30 0.86 -4.21	45.22 0.92 -2.62	47.51 0.84 -6.68	49.92 0.80 -9.22	56.52 0.85 -13.42	64.11 0.97 -19.10	79.72 1.07 -29.89	73.55 1.00 -27.32	67.20 0.97 -22.00	60.79 0.92 -15.87	58.26 0.88 -13.52	52.22 0.92 -7.48	53.02 1.27 -7.94
ALBANY___4 23574	45.56 1.71 -0.08	45.13 1.40 0.00	44.80 1.43 0.00	44.05 1.45 0.00	43.41 1.39 0.00	45.62 1.67 0.00	56.99 1.39 0.00	71.74 1.27 -15.04	67.28 1.13 -14.98	55.27 0.92 -10.30	47.56 0.92 -2.82	48.30 0.86 -4.21	45.22 0.92 -2.62	47.51 0.84 -6.68	49.92 0.80 -9.22	56.52 0.85 -13.42	64.11 0.97 -19.10	79.72 1.07 -29.89	73.55 1.00 -27.32	67.20 0.97 -22.00	60.79 0.92 -15.87	58.26 0.88 -13.52	52.22 0.92 -7.48	53.02 1.27 -7.94
ALBANY___LFGE 323615	45.69 1.84 -0.08	45.52 1.79 0.00	45.15 1.78 0.00	44.39 1.79 0.00	43.74 1.72 0.00	45.98 2.02 0.00	57.66 2.06 0.00	72.48 1.89 -15.17	68.03 1.74 -15.11	55.89 1.45 -10.40	48.02 1.36 -2.85	48.77 1.30 -4.25	45.62 1.29 -2.65	47.93 1.20 -6.74	50.40 1.20 -9.30	57.06 1.27 -13.54	64.72 1.41 -19.27	80.52 1.61 -30.15	74.29 1.49 -27.56	67.87 1.46 -22.20	61.41 1.41 -16.01	58.87 1.36 -13.64	52.73 1.36 -7.55	53.49 1.66 -8.01
ALCOA_PA_115KV_PL-6C 55860	43.51 -0.26 0.00	43.77 0.04 0.00	43.46 0.09 0.00	42.64 0.04 0.00	42.15 0.13 0.00	43.60 -0.35 0.00	54.93 -0.67 0.00	54.87 -0.55 0.00	50.77 -0.41 0.00	43.69 -0.35 0.00	43.69 -0.13 0.00	43.26 0.04 0.00	41.59 -0.08 0.00	39.87 -0.12 0.00	39.74 -0.16 0.00	42.13 -0.13 0.00	43.64 -0.40 0.00	47.98 -0.78 0.00	44.51 -0.72 0.00	43.60 -0.62 0.00	43.64 -0.35 0.00	43.60 -0.26 0.00	43.64 -0.18 0.00	43.69 -0.13 0.00
ALCOA_RYNLDS___DRP 24188	43.51 -0.26 0.00	43.77 0.04 0.00	43.46 0.09 0.00	42.64 0.04 0.00	42.15 0.13 0.00	43.60 -0.35 0.00	54.93 -0.67 0.00	54.87 -0.55 0.00	50.77 -0.41 0.00	43.69 -0.35 0.00	43.69 -0.13 0.00	43.26 0.04 0.00	41.59 -0.08 0.00	39.87 -0.12 0.00	39.74 -0.16 0.00	42.13 -0.13 0.00	43.64 -0.40 0.00	47.98 -0.78 0.00	44.51 -0.72 0.00	43.60 -0.62 0.00	43.64 -0.35 0.00	43.60 -0.26 0.00	43.64 -0.18 0.00	43.69 -0.13 0.00
ALCOA___DSASP 323711	43.73 -0.04 0.00	43.77 0.04 0.00	43.46 0.09 0.00	42.64 0.04 0.00	42.15 0.13 0.00	43.65 -0.31 0.00	54.94 -0.66 0.00	54.92 -0.50 0.00	50.77 -0.41 0.00	43.69 -0.35 0.00	43.69 -0.13 0.00	43.26 0.04 0.00	41.59 -0.08 0.00	39.87 -0.12 0.00	39.74 -0.16 0.00	42.13 -0.13 0.00	43.60 -0.44 0.00	47.98 -0.78 0.00	44.51 -0.73 0.00	43.56 -0.66 0.00	43.64 -0.35 0.00	43.60 -0.26 0.00	43.69 -0.13 0.00	43.69 -0.13 0.00
ALLEGHENY___COGEN 23514	43.17 -0.61 -0.01	43.47 -0.26 0.00	42.90 -0.48 0.00	42.04 -0.55 0.00	41.60 -0.42 0.00	44.17 0.22 0.00	55.99 0.39 0.00	57.90 0.44 -2.04	57.28 0.15 -5.94	45.08 -0.35 -1.40	42.43 -1.36 0.02	41.19 -1.90 0.13	40.03 -1.63 0.02	38.58 -1.40 0.00	39.39 -1.24 -0.73	41.36 -1.10 -0.21	46.11 -0.04 -2.11	53.64 0.68 -4.20	49.79 0.72 -3.84	47.84 0.53 -3.09	44.24 -0.09 -0.33	43.45 -0.61 -0.20	43.07 -0.88 -0.13	44.32 -0.61 -1.11
ALTAMONT_115KV_TB 2 55880	45.56 1.71 -0.08	45.22 1.49 0.00	44.80 1.43 0.00	44.05 1.45 0.00	43.41 1.39 0.00	45.62 1.67 0.00	57.66 2.06 0.00	72.44 2.00 -15.03	67.94 1.79 -14.97	55.83 1.50 -10.30	48.08 1.45 -2.82	48.81 1.38 -4.21	45.63 1.33 -2.62	47.94 1.28 -6.67	50.39 1.28 -9.21	57.05 1.39 -13.41	64.63 1.50 -19.09	80.33 1.71 -29.86	74.12 1.58 -27.30	67.75 1.55 -21.99	61.35 1.50 -15.86	58.82 1.45 -13.51	52.74 1.45 -7.48	53.28 1.53 -7.93
ALTONA_WT_PWR 323606	44.12 0.35 0.00	44.26 0.53 0.00	43.85 0.48 0.00	42.94 0.34 0.00	42.40 0.38 0.00	43.95 0.00 0.00	55.27 -0.33 0.00	55.26 -0.17 0.00	50.92 -0.25 0.00	43.78 -0.26 0.00	43.56 -0.22 0.00	43.01 -0.22 0.00	41.13 -0.54 0.00	39.23 -0.76 0.00	39.06 -0.84 0.00	41.45 -0.80 0.00	43.11 -0.93 0.00	47.45 -1.31 0.00	43.88 -1.36 0.00	42.94 -1.28 0.00	42.90 -1.10 0.00	42.85 -1.01 0.00	43.03 -0.79 0.00	43.73 -0.09 0.00
AMERICAN_REF_FUEL 24010	38.79 -4.99 -0.01	38.79 -4.94 0.00	38.25 -5.12 0.00	37.49 -5.11 0.00	37.10 -4.92 0.00	39.29 -4.66 0.00	48.98 -6.62 0.00	49.55 -7.37 -1.49	45.16 -6.81 -0.79	39.21 -5.86 -1.03	37.45 -6.48 -0.12	36.51 -6.83 -0.12	35.70 -6.09 -0.11	34.72 -5.56 -0.29	34.67 -5.59 -0.35	36.51 -6.38 -0.64	40.21 -5.81 -1.98	46.39 -6.00 -3.63	42.99 -5.57 -3.32	41.49 -5.40 -2.67	38.95 -5.85 -0.80	38.18 -6.32 -0.64	37.87 -6.31 -0.36	39.13 -5.65 -0.96
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.55 -2.23 -0.01	41.59 -2.14 0.00	40.99 -2.39 0.00	40.13 -2.47 0.00	39.79 -2.23 0.00	42.11 -1.84 0.00	52.71 -2.89 0.00	53.22 -3.93 -1.73	48.19 -3.79 -0.80	41.84 -3.39 -1.19	40.12 -3.81 -0.12	39.32 -4.02 -0.12	38.08 -3.71 -0.11	36.69 -3.60 -0.30	36.70 -3.55 -0.35	38.78 -4.06 -0.59	42.39 -3.83 -2.18	49.28 -3.56 -4.08	45.48 -3.48 -3.72	43.82 -3.40 -3.00	40.79 -3.96 -0.76	40.46 -3.99 -0.58	40.08 -4.07 -0.33	41.26 -3.64 -1.08
ARTHUR KILL_GT_1 23520	47.09 3.24 -0.07	46.75 3.02 -0.01	46.24 2.86 -0.01	45.37 2.77 -0.01	44.67 2.65 0.00	47.21 3.25 0.00	60.44 4.83 -0.01	72.51 4.93 -12.15	78.63 4.50 -22.95	65.01 3.92 -17.06	109.05 3.95 -61.28	50.53 3.89 -3.42	57.19 3.67 -11.85	79.47 3.56 -35.92	106.54 3.47 -63.17	77.79 3.63 -31.90	141.55 3.83 -93.68	131.03 4.58 -77.69	154.17 4.30 -104.63	126.73 4.16 -78.36	106.66 3.91 -58.75	75.57 3.90 -27.81	81.28 3.99 -33.47	54.04 3.81 -6.42
ARTHUR_KILL_2 23512	46.95 3.11 -0.07	46.62 2.89 -0.01	46.11 2.73 -0.01	45.25 2.64 -0.01	44.54 2.52 0.00	47.07 3.12 0.00	60.28 4.67 -0.01	72.28 4.71 -12.15	78.48 4.35 -22.95	64.88 3.79 -17.06	108.91 3.81 -61.28	50.40 3.76 -3.42	57.11 3.58 -11.85	79.35 3.44 -35.92	106.46 3.39 -63.17	77.66 3.51 -31.90	141.42 3.70 -93.68	130.88 4.44 -77.69	154.03 4.16 -104.63	126.56 3.98 -78.36	106.53 3.78 -58.75	75.44 3.77 -27.81	81.15 3.86 -33.47	53.92 3.68 -6.42
ARTHUR_KILL_3 23513	46.64 2.80 -0.06	46.31 2.58 0.00	45.84 2.47 0.00	44.94 2.34 0.00	44.29 2.27 0.00	46.85 2.90 0.00	59.99 4.39 0.00	72.17 4.60 -12.15	77.29 4.35 -21.77	63.97 3.83 -16.10	108.90 3.81 -61.28	50.27 3.63 -3.42	57.14 3.62 -11.84	79.30 3.40 -35.91	106.38 3.31 -63.16	76.18 3.47 -30.46	135.95 3.57 -88.34	129.51 4.34 -76.41	148.26 4.02 -99.00	122.25 3.80 -74.22	106.31 3.56 -58.75	75.17 3.51 -27.80	80.88 3.59 -33.47	53.55 3.33 -6.41

ARTHUR_KILL_COGEN 323718	47.09 3.24 -0.07	46.75 3.02 -0.01	46.24 2.86 -0.01	45.37 2.77 -0.01	44.67 2.65 0.00	47.21 3.25 0.00	60.44 4.83 -0.01	72.51 4.93 -12.15	78.63 4.50 -22.95	65.01 3.92 -17.06	109.05 3.95 -61.28	50.53 3.89 -3.42	57.19 3.67 -11.85	79.47 3.56 -35.92	106.54 3.47 -63.17	77.79 3.63 -31.90	141.55 3.83 -93.68	131.03 4.58 -77.69	154.17 4.30 -104.63	126.73 4.16 -78.36	106.66 3.91 -58.75	75.57 3.90 -27.81	81.28 3.99 -33.47	54.04 3.81 -6.42
ASHOKAN____ 23654	46.78 2.93 -0.07	46.49 2.76 0.00	46.11 2.73 0.00	45.28 2.69 0.00	44.58 2.56 0.00	47.07 3.12 0.00	59.61 4.01 0.00	70.69 1.72 -13.55	66.37 1.69 -13.50	54.56 1.23 -9.28	47.06 0.70 -2.54	47.58 0.56 -3.80	44.46 0.42 -2.37	46.45 0.44 -6.02	48.85 0.64 -8.31	55.02 0.67 -12.10	62.19 0.93 -17.22	76.97 1.27 -26.94	71.13 1.26 -24.63	65.16 1.11 -19.84	59.32 1.01 -14.31	56.98 0.92 -12.19	51.39 0.83 -6.75	51.98 1.01 -7.15
ASTORIA_EAST_ENERGY_CC1 323581	46.95 3.11 -0.07	46.67 2.93 -0.01	46.20 2.82 -0.01	45.37 2.77 -0.01	44.67 2.65 0.00	47.21 3.25 0.00	60.22 4.61 -0.01	72.50 4.93 -12.14	77.02 4.81 -21.04	63.74 4.19 -15.51	50.48 4.21 -2.45	50.65 4.02 -3.41	49.99 3.92 -4.40	49.11 3.72 -5.40	50.99 3.63 -7.46	56.86 3.76 -10.84	63.35 3.88 -15.44	93.55 4.83 -39.96	71.79 4.48 -22.07	66.20 4.20 -17.78	60.60 3.78 -12.82	58.43 3.64 -10.93	53.68 3.81 -6.05	53.78 3.55 -6.42
ASTORIA_EAST_ENERGY_CC2 323582	46.95 3.11 -0.07	46.67 2.93 -0.01	46.20 2.82 -0.01	45.37 2.77 -0.01	44.67 2.65 0.00	47.21 3.25 0.00	60.22 4.61 -0.01	72.50 4.93 -12.14	77.02 4.81 -21.04	63.74 4.19 -15.51	50.48 4.21 -2.45	50.65 4.02 -3.41	49.99 3.92 -4.40	49.11 3.72 -5.40	50.99 3.63 -7.46	56.86 3.76 -10.84	63.35 3.88 -15.44	93.55 4.83 -39.96	71.79 4.48 -22.07	66.24 4.25 -17.78	60.60 3.78 -12.82	58.43 3.64 -10.93	53.68 3.81 -6.05	53.78 3.55 -6.42
ASTORIA_GT2_1 24094	47.26 3.41 -0.07	46.71 2.97 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.56 4.99 -12.15	77.05 4.81 -21.06	63.80 4.23 -15.54	50.48 4.21 -2.45	50.70 4.06 -3.42	50.04 3.96 -4.41	49.11 3.72 -5.40	50.99 3.63 -7.45	56.94 3.84 -10.84	63.35 3.88 -15.43	93.60 4.83 -40.02	71.83 4.52 -22.07	66.28 4.29 -17.78	60.69 3.87 -12.82	58.61 3.82 -10.93	53.73 3.86 -6.06	53.83 3.59 -6.42
ASTORIA_GT2_2 24095	47.26 3.41 -0.07	46.71 2.97 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.56 4.99 -12.15	77.05 4.81 -21.06	63.80 4.23 -15.54	50.48 4.21 -2.45	50.70 4.06 -3.42	50.04 3.96 -4.41	49.11 3.72 -5.40	50.99 3.63 -7.45	56.94 3.84 -10.84	63.35 3.88 -15.43	93.60 4.83 -40.02	71.83 4.52 -22.07	66.28 4.29 -17.78	60.69 3.87 -12.82	58.61 3.82 -10.93	53.73 3.86 -6.06	53.83 3.59 -6.42
ASTORIA_GT2_3 24096	47.26 3.41 -0.07	46.71 2.97 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.56 4.99 -12.15	77.05 4.81 -21.06	63.80 4.23 -15.54	50.48 4.21 -2.45	50.70 4.06 -3.42	50.04 3.96 -4.41	49.11 3.72 -5.40	50.99 3.63 -7.45	56.94 3.84 -10.84	63.35 3.88 -15.43	93.60 4.83 -40.02	71.83 4.52 -22.07	66.28 4.29 -17.78	60.69 3.87 -12.82	58.61 3.82 -10.93	53.73 3.86 -6.06	53.83 3.59 -6.42
ASTORIA_GT2_4 24097	47.26 3.41 -0.07	46.71 2.97 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.56 4.99 -12.15	77.05 4.81 -21.06	63.80 4.23 -15.54	50.48 4.21 -2.45	50.70 4.06 -3.42	50.04 3.96 -4.41	49.11 3.72 -5.40	50.99 3.63 -7.45	56.94 3.84 -10.84	63.35 3.88 -15.43	93.60 4.83 -40.02	71.83 4.52 -22.07	66.28 4.29 -17.78	60.69 3.87 -12.82	58.61 3.82 -10.93	53.73 3.86 -6.06	53.83 3.59 -6.42
ASTORIA_GT3_1 24098	47.26 3.41 -0.07	46.71 2.97 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.56 4.99 -12.15	77.05 4.81 -21.06	63.80 4.23 -15.54	50.48 4.21 -2.45	50.70 4.06 -3.42	50.04 3.96 -4.41	49.11 3.72 -5.40	50.99 3.63 -7.45	56.94 3.84 -10.84	63.35 3.88 -15.43	93.60 4.83 -40.02	71.83 4.52 -22.07	66.28 4.29 -17.78	60.69 3.87 -12.82	58.61 3.82 -10.93	53.73 3.86 -6.06	53.83 3.59 -6.42
ASTORIA_GT3_2 24099	47.26 3.41 -0.07	46.71 2.97 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.56 4.99 -12.15	77.05 4.81 -21.06	63.80 4.23 -15.54	50.48 4.21 -2.45	50.70 4.06 -3.42	50.04 3.96 -4.41	49.11 3.72 -5.40	50.99 3.63 -7.45	56.94 3.84 -10.84	63.35 3.88 -15.43	93.60 4.83 -40.02	71.83 4.52 -22.07	66.28 4.29 -17.78	60.69 3.87 -12.82	58.61 3.82 -10.93	53.73 3.86 -6.06	53.83 3.59 -6.42
ASTORIA_GT3_3 24100	47.26 3.41 -0.07	46.71 2.97 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.56 4.99 -12.15	77.05 4.81 -21.06	63.80 4.23 -15.54	50.48 4.21 -2.45	50.70 4.06 -3.42	50.04 3.96 -4.41	49.11 3.72 -5.40	50.99 3.63 -7.45	56.94 3.84 -10.84	63.35 3.88 -15.43	93.60 4.83 -40.02	71.83 4.52 -22.07	66.28 4.29 -17.78	60.69 3.87 -12.82	58.61 3.82 -10.93	53.73 3.86 -6.06	53.83 3.59 -6.42
ASTORIA_GT3_4 24101	47.26 3.41 -0.07	46.71 2.97 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.56 4.99 -12.15	77.05 4.81 -21.06	63.80 4.23 -15.54	50.48 4.21 -2.45	50.70 4.06 -3.42	50.04 3.96 -4.41	49.11 3.72 -5.40	50.99 3.63 -7.45	56.94 3.84 -10.84	63.35 3.88 -15.43	93.60 4.83 -40.02	71.83 4.52 -22.07	66.28 4.29 -17.78	60.69 3.87 -12.82	58.61 3.82 -10.93	53.73 3.86 -6.06	53.83 3.59 -6.42
ASTORIA_GT4_1 24102	47.26 3.41 -0.07	46.71 2.97 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.56 4.99 -12.15	77.05 4.81 -21.06	63.80 4.23 -15.54	50.48 4.21 -2.45	50.70 4.06 -3.42	50.04 3.96 -4.41	49.11 3.72 -5.40	50.99 3.63 -7.45	56.94 3.84 -10.84	63.35 3.88 -15.43	93.60 4.83 -40.02	71.83 4.52 -22.07	66.28 4.29 -17.78	60.69 3.87 -12.82	58.61 3.82 -10.93	53.73 3.86 -6.06	53.83 3.59 -6.42
ASTORIA_GT4_2 24103	47.26 3.41 -0.07	46.71 2.97 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.56 4.99 -12.15	77.05 4.81 -21.06	63.80 4.23 -15.54	50.48 4.21 -2.45	50.70 4.06 -3.42	50.04 3.96 -4.41	49.11 3.72 -5.40	50.99 3.63 -7.45	56.94 3.84 -10.84	63.35 3.88 -15.43	93.60 4.83 -40.02	71.83 4.52 -22.07	66.28 4.29 -17.78	60.69 3.87 -12.82	58.61 3.82 -10.93	53.73 3.86 -6.06	53.83 3.59 -6.42
ASTORIA_GT4_3 24104	47.26 3.41 -0.07	46.71 2.97 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.56 4.99 -12.15	77.05 4.81 -21.06	63.80 4.23 -15.54	50.48 4.21 -2.45	50.70 4.06 -3.42	50.04 3.96 -4.41	49.11 3.72 -5.40	50.99 3.63 -7.45	56.94 3.84 -10.84	63.35 3.88 -15.43	93.60 4.83 -40.02	71.83 4.52 -22.07	66.28 4.29 -17.78	60.69 3.87 -12.82	58.61 3.82 -10.93	53.73 3.86 -6.06	53.83 3.59 -6.42

ASTORIA_GT4_4 24105	47.26 3.41 -0.07	46.71 2.97 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.56 4.99 -12.15	77.05 4.81 -21.06	63.80 4.23 -15.54	50.48 4.21 -2.45	50.70 4.06 -3.42	50.04 3.96 -4.41	49.11 3.72 -5.40	50.99 3.63 -7.45	56.94 3.84 -10.84	63.35 3.88 -15.43	93.60 4.83 -40.02	71.83 4.52 -22.07	66.28 4.29 -17.78	60.69 3.87 -12.82	58.61 3.82 -10.93	53.73 3.86 -6.06	53.83 3.59 -6.42
ASTORIA_GT_1 23523	47.04 3.19 -0.07	46.75 3.02 -0.01	46.29 2.91 -0.01	45.46 2.85 -0.01	44.75 2.73 0.00	47.29 3.34 0.00	60.33 4.72 -0.01	72.61 5.04 -12.14	77.13 4.91 -21.04	63.87 4.32 -15.51	50.57 4.30 -2.45	50.78 4.15 -3.41	50.11 4.04 -4.40	49.19 3.80 -5.40	51.07 3.71 -7.46	56.98 3.88 -10.84	63.48 4.01 -15.44	93.70 4.98 -39.96	71.92 4.62 -22.07	66.33 4.34 -17.78	60.73 3.91 -12.82	58.52 3.73 -10.93	53.81 3.95 -6.05	53.92 3.68 -6.42
ASTORIA_GT_10 24110	47.44 3.59 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.75 2.73 0.00	47.34 3.38 0.00	60.56 4.95 -0.01	72.67 5.10 -12.15	78.92 4.76 -22.98	65.30 4.18 -17.08	59.35 4.16 -11.37	50.66 4.02 -3.42	50.47 3.92 -4.88	53.77 3.72 -10.06	59.53 3.67 -15.96	59.94 3.84 -13.84	74.56 3.96 -26.56	96.91 4.78 -43.37	83.52 4.48 -33.80	74.85 4.25 -26.39	62.49 4.00 -14.49	59.37 3.95 -11.56	53.82 3.94 -6.06	54.00 3.77 -6.42
ASTORIA_GT_11 24225	47.44 3.59 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.75 2.73 0.00	47.34 3.38 0.00	60.56 4.95 -0.01	72.67 5.10 -12.15	78.92 4.76 -22.98	65.30 4.18 -17.08	59.35 4.16 -11.37	50.66 4.02 -3.42	50.47 3.92 -4.88	53.77 3.72 -10.06	59.53 3.67 -15.96	59.94 3.84 -13.84	74.56 3.96 -26.56	96.91 4.78 -43.37	83.52 4.48 -33.80	74.85 4.25 -26.39	62.49 4.00 -14.49	59.37 3.95 -11.56	53.82 3.94 -6.06	54.00 3.77 -6.42
ASTORIA_GT_12 24226	47.44 3.59 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.75 2.73 0.00	47.34 3.38 0.00	60.56 4.95 -0.01	72.67 5.10 -12.15	78.92 4.76 -22.98	65.30 4.18 -17.08	59.35 4.16 -11.37	50.66 4.02 -3.42	50.47 3.92 -4.88	53.77 3.72 -10.06	59.53 3.67 -15.96	59.94 3.84 -13.84	74.56 3.96 -26.56	96.91 4.78 -43.37	83.52 4.48 -33.80	74.85 4.25 -26.39	62.49 4.00 -14.49	59.37 3.95 -11.56	53.82 3.94 -6.06	54.00 3.77 -6.42
ASTORIA_GT_13 24227	47.44 3.59 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.75 2.73 0.00	47.34 3.38 0.00	60.56 4.95 -0.01	72.67 5.10 -12.15	78.92 4.76 -22.98	65.30 4.18 -17.08	59.35 4.16 -11.37	50.66 4.02 -3.42	50.47 3.92 -4.88	53.77 3.72 -10.06	59.53 3.67 -15.96	59.94 3.84 -13.84	74.56 3.96 -26.56	96.91 4.78 -43.37	83.52 4.48 -33.80	74.85 4.25 -26.39	62.49 4.00 -14.49	59.37 3.95 -11.56	53.82 3.94 -6.06	54.00 3.77 -6.42
ASTORIA_GT_5 24106	47.30 3.46 -0.07	46.76 3.02 -0.01	46.29 2.91 -0.01	45.46 2.85 -0.01	44.75 2.73 0.00	47.34 3.38 0.00	60.39 4.78 -0.01	72.67 5.10 -12.15	77.16 4.91 -21.06	63.89 4.32 -15.54	50.56 4.29 -2.45	50.79 4.15 -3.42	50.12 4.04 -4.41	49.19 3.80 -5.40	51.07 3.71 -7.45	57.03 3.93 -10.84	63.44 3.96 -15.43	93.75 4.97 -40.02	71.92 4.61 -22.07	66.37 4.38 -17.78	60.78 3.96 -12.82	58.69 3.90 -10.93	53.82 3.94 -6.06	53.91 3.68 -6.42
ASTORIA_GT_7 24107	47.30 3.46 -0.07	46.76 3.02 -0.01	46.29 2.91 -0.01	45.46 2.85 -0.01	44.75 2.73 0.00	47.34 3.38 0.00	60.39 4.78 -0.01	72.67 5.10 -12.15	77.16 4.91 -21.06	63.89 4.32 -15.54	50.56 4.29 -2.45	50.79 4.15 -3.42	50.12 4.04 -4.41	49.19 3.80 -5.40	51.07 3.71 -7.45	57.03 3.93 -10.84	63.44 3.96 -15.43	93.75 4.97 -40.02	71.92 4.61 -22.07	66.37 4.38 -17.78	60.78 3.96 -12.82	58.69 3.90 -10.93	53.82 3.94 -6.06	53.91 3.68 -6.42
ASTORIA_GT_8 24108	47.30 3.46 -0.07	46.76 3.02 -0.01	46.29 2.91 -0.01	45.46 2.85 -0.01	44.75 2.73 0.00	47.34 3.38 0.00	60.39 4.78 -0.01	72.67 5.10 -12.15	77.16 4.91 -21.06	63.89 4.32 -15.54	50.56 4.29 -2.45	50.79 4.15 -3.42	50.12 4.04 -4.41	49.19 3.80 -5.40	51.07 3.71 -7.45	57.03 3.93 -10.84	63.44 3.96 -15.43	93.75 4.97 -40.02	71.92 4.61 -22.07	66.37 4.38 -17.78	60.78 3.96 -12.82	58.69 3.90 -10.93	53.82 3.94 -6.06	53.91 3.68 -6.42
ASTORIA___2 24149	46.95 3.11 -0.07	46.71 2.98 -0.01	46.24 2.86 -0.01	45.37 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.22 4.61 -0.01	72.50 4.93 -12.14	77.02 4.81 -21.04	63.78 4.23 -15.51	50.48 4.21 -2.45	50.69 4.06 -3.41	50.03 3.96 -4.40	49.11 3.72 -5.40	50.99 3.63 -7.46	56.90 3.80 -10.84	63.39 3.92 -15.44	93.55 4.83 -39.96	71.83 4.52 -22.07	66.24 4.25 -17.78	60.65 3.83 -12.82	58.43 3.64 -10.93	53.73 3.86 -6.05	53.83 3.59 -6.42
ASTORIA___3 23516	47.09 3.24 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.75 2.73 0.00	47.29 3.34 0.00	60.55 4.95 -0.01	72.62 5.04 -12.15	78.89 4.76 -22.95	65.28 4.19 -17.06	59.36 4.16 -11.37	50.66 4.02 -3.42	50.47 3.92 -4.88	53.77 3.72 -10.06	59.53 3.67 -15.96	59.90 3.80 -13.84	74.56 3.97 -26.56	96.86 4.78 -43.32	83.52 4.48 -33.80	74.85 4.25 -26.39	62.44 3.96 -14.49	59.33 3.90 -11.56	53.82 3.95 -6.06	54.00 3.77 -6.42
ASTORIA___4 23517	47.44 3.59 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.75 2.73 0.00	47.34 3.38 0.00	60.56 4.95 -0.01	72.67 5.10 -12.15	78.92 4.76 -22.98	65.30 4.18 -17.08	59.35 4.16 -11.37	50.66 4.02 -3.42	50.47 3.92 -4.88	53.77 3.72 -10.06	59.53 3.67 -15.96	59.94 3.84 -13.84	74.56 3.96 -26.56	96.91 4.78 -43.37	83.52 4.48 -33.80	74.85 4.25 -26.39	62.49 4.00 -14.49	59.37 3.95 -11.56	53.82 3.94 -6.06	54.00 3.77 -6.42
ASTORIA___5 23518	47.09 3.24 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.75 2.73 0.00	47.29 3.34 0.00	60.55 4.95 -0.01	72.62 5.04 -12.15	78.89 4.76 -22.95	65.28 4.19 -17.06	59.36 4.16 -11.37	50.66 4.02 -3.42	50.47 3.92 -4.88	53.77 3.72 -10.06	59.53 3.67 -15.96	59.90 3.80 -13.84	74.56 3.97 -26.56	96.86 4.78 -43.32	83.52 4.48 -33.80	74.85 4.25 -26.39	62.44 3.96 -14.49	59.33 3.90 -11.56	53.82 3.95 -6.06	54.00 3.77 -6.42
AST_ENERGY_2_CC3 323677	46.86 3.02 -0.06	46.53 2.80 0.00	46.06 2.69 0.00	45.20 2.60 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.27 4.67 0.00	72.39 4.82 -12.15	76.77 4.55 -21.04	63.56 4.01 -15.52	50.25 3.99 -2.44	50.48 3.85 -3.42	49.86 3.79 -4.39	48.95 3.56 -5.41	50.83 3.47 -7.46	56.74 3.63 -10.85	63.27 3.79 -15.44	93.29 4.58 -39.95	71.56 4.25 -22.07	66.02 4.02 -17.78	60.56 3.74 -12.83	58.48 3.68 -10.93	53.64 3.77 -6.06	53.77 3.55 -6.41
AST_ENERGY_2_CC4 323678	46.86 3.02 -0.06	46.53 2.80 0.00	46.06 2.69 0.00	45.20 2.60 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.27 4.67 0.00	72.39 4.82 -12.15	76.77 4.55 -21.04	63.56 4.01 -15.52	50.25 3.99 -2.44	50.48 3.85 -3.42	49.86 3.79 -4.39	48.95 3.56 -5.41	50.83 3.47 -7.46	56.74 3.63 -10.85	63.27 3.79 -15.44	93.29 4.58 -39.95	71.56 4.25 -22.07	66.02 4.02 -17.78	60.56 3.74 -12.83	58.48 3.68 -10.93	53.64 3.77 -6.06	53.77 3.55 -6.41

ATHENS_STG_1 23668	45.60 1.75 -0.07	45.43 1.70 0.00	45.02 1.65 0.00	44.22 1.62 0.00	43.62 1.60 0.00	45.84 1.89 0.00	58.21 2.61 0.00	71.50 2.61 -13.47	67.07 2.46 -13.43	55.39 2.11 -9.23	48.45 2.10 -2.53	49.03 2.03 -3.78	45.99 1.96 -2.35	47.86 1.88 -5.99	50.05 1.88 -8.27	56.23 1.94 -12.03	63.24 2.07 -17.13	77.99 2.44 -26.79	71.99 2.26 -24.49	66.11 2.17 -19.73	60.29 2.07 -14.23	58.00 2.02 -12.12	52.54 2.02 -6.71	52.91 1.97 -7.11
ATHENS_STG_2 23670	45.60 1.75 -0.07	45.43 1.70 0.00	45.02 1.65 0.00	44.22 1.62 0.00	43.62 1.60 0.00	45.84 1.89 0.00	58.21 2.61 0.00	71.50 2.61 -13.47	67.07 2.46 -13.43	55.39 2.11 -9.23	48.45 2.10 -2.53	49.03 2.03 -3.78	45.99 1.96 -2.35	47.86 1.88 -5.99	50.05 1.88 -8.27	56.23 1.94 -12.03	63.24 2.07 -17.13	77.99 2.44 -26.79	71.99 2.26 -24.49	66.11 2.17 -19.73	60.29 2.07 -14.23	58.00 2.02 -12.12	52.54 2.02 -6.71	52.91 1.97 -7.11
ATHENS_STG_3 23677	45.60 1.75 -0.07	45.43 1.70 0.00	45.02 1.65 0.00	44.22 1.62 0.00	43.62 1.60 0.00	45.84 1.89 0.00	58.21 2.61 0.00	71.50 2.61 -13.47	67.07 2.46 -13.43	55.39 2.11 -9.23	48.45 2.10 -2.53	49.03 2.03 -3.78	45.99 1.96 -2.35	47.86 1.88 -5.99	50.05 1.88 -8.27	56.23 1.94 -12.03	63.24 2.07 -17.13	77.99 2.44 -26.79	71.99 2.26 -24.49	66.11 2.17 -19.73	60.29 2.07 -14.23	58.00 2.02 -12.12	52.54 2.02 -6.71	52.91 1.97 -7.11
AUBURN___LFGE 323710	43.39 -0.39 -0.01	43.25 -0.48 0.00	42.81 -0.56 0.00	42.04 -0.55 0.00	41.47 -0.55 0.00	43.78 -0.18 0.00	55.66 0.06 0.00	57.09 0.11 -1.55	52.87 0.00 -1.69	44.93 -0.18 -1.06	43.71 -0.48 -0.37	43.11 -0.69 -0.58	41.35 -0.67 -0.35	40.30 -0.56 -0.87	40.62 -0.48 -1.20	43.53 -0.46 -1.74	46.00 -0.13 -2.09	52.04 0.20 -3.09	48.24 0.18 -2.82	46.58 0.09 -2.27	45.86 -0.18 -2.04	45.26 -0.35 -1.75	44.26 -0.53 -0.97	44.11 -0.53 -0.82
BABYLON_RES_REC 323704	57.80 3.89 -10.13	50.20 3.67 -2.79	47.30 3.56 -0.37	47.78 3.45 -1.74	50.61 3.36 -5.23	54.84 4.00 -6.89	70.50 5.78 -9.12	74.26 5.82 -13.02	73.61 5.53 -16.90	61.18 4.84 -12.30	57.74 4.82 -9.10	55.83 4.58 -8.03	49.17 4.50 -2.99	49.62 4.24 -5.39	53.23 4.27 -9.06	57.78 4.35 -11.17	65.35 4.36 -16.94	79.33 5.27 -25.30	72.32 5.02 -22.06	66.67 4.64 -17.81	61.84 4.44 -13.40	59.88 4.52 -11.50	57.48 4.60 -9.07	54.52 4.30 -6.41
BABYLON__69_KV_BK2 356345	58.68 4.77 -10.14	50.76 4.24 -2.78	47.81 4.08 -0.37	48.29 3.96 -1.73	51.10 3.87 -5.22	55.41 4.57 -6.88	72.65 6.51 -10.55	76.57 6.48 -14.66	80.20 6.09 -22.94	62.62 5.37 -13.20	59.25 5.30 -10.13	57.03 5.10 -8.71	49.67 5.00 -2.99	50.10 4.72 -5.39	53.71 4.75 -9.06	58.78 4.86 -11.67	69.02 4.84 -20.14	80.03 5.90 -25.37	72.92 5.61 -22.07	67.35 5.22 -17.91	63.60 5.06 -14.54	61.26 5.04 -12.36	58.80 5.17 -9.81	55.10 4.86 -6.42
BALL_HILL_WT_PWR 323825	40.77 -3.02 -0.01	40.80 -2.93 0.00	40.25 -3.12 0.00	39.40 -3.20 0.00	39.04 -2.98 0.00	41.32 -2.64 0.00	51.76 -3.84 0.00	52.12 -4.99 -1.69	47.16 -4.71 -0.69	41.01 -4.18 -1.16	39.42 -4.51 -0.11	38.66 -4.67 -0.11	37.45 -4.34 -0.11	36.04 -4.24 -0.29	36.03 -4.19 -0.32	38.36 -4.52 -0.63	41.84 -4.36 -2.16	48.57 -4.19 -4.00	44.91 -3.98 -3.66	43.32 -3.85 -2.94	40.39 -4.40 -0.80	39.97 -4.52 -0.62	39.53 -4.65 -0.35	40.63 -4.25 -1.06
BARON_WINDS___WT_PWR 323822	41.82 -1.97 -0.01	42.24 -1.49 0.00	41.77 -1.60 0.00	40.94 -1.66 0.00	40.47 -1.55 0.00	42.81 -1.14 0.00	54.04 -1.56 0.00	55.65 -2.33 -2.55	45.95 -2.20 3.03	43.63 -2.16 -1.75	41.29 -2.50 0.03	40.32 -2.72 0.18	39.06 -2.58 0.03	37.42 -2.56 0.01	36.74 -2.47 0.69	40.06 -2.41 -0.21	44.58 -2.16 -2.69	52.30 -1.85 -5.40	48.41 -1.76 -4.93	46.47 -1.73 -3.97	42.16 -2.20 -0.37	41.78 -2.28 -0.20	41.54 -2.41 -0.13	43.06 -2.19 -1.43
BARRETT_IC_1 23704	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41
BARRETT_IC_10 23701	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41
BARRETT_IC_11 23702	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41
BARRETT_IC_12 23703	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41
BARRETT_IC_2 23705	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41
BARRETT_IC_3 23706	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41
BARRETT_IC_4 23707	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41

BARRETT_IC_5 23708	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41
BARRETT_IC_6 23709	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41
BARRETT_IC_7 23710	57.57 3.68 -10.12	49.79 3.28 -2.78	46.90 3.17 -0.37	47.40 3.07 -1.73	50.18 2.94 -5.22	54.31 3.47 -6.88	68.49 4.78 -8.11	72.60 5.04 -12.13	68.48 4.55 -12.74	59.88 4.14 -11.70	56.26 4.08 -8.37	54.70 3.93 -7.55	48.62 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.04	56.89 3.80 -10.83	63.29 3.83 -15.42	78.69 4.58 -25.35	71.72 4.43 -22.05	66.09 4.11 -17.76	60.77 3.96 -12.81	58.51 3.73 -10.92	56.25 3.90 -8.53	53.90 3.68 -6.41
BARRETT_IC_8 23711	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41
BARRETT_IC_9 23700	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41
BARRETT___1 23545	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41
BARRETT___2 23546	57.23 3.33 -10.13	49.80 3.28 -2.79	46.91 3.16 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.32 3.47 -6.89	68.50 4.78 -8.12	72.60 5.04 -12.13	68.45 4.55 -12.71	59.86 4.14 -11.68	56.27 4.08 -8.38	54.71 3.93 -7.56	48.63 3.96 -2.99	49.10 3.72 -5.39	52.58 3.63 -9.05	56.84 3.76 -10.83	63.34 3.88 -15.42	78.64 4.58 -25.30	71.73 4.44 -22.05	66.09 4.11 -17.76	60.72 3.91 -12.81	58.50 3.73 -10.92	56.26 3.90 -8.54	53.90 3.68 -6.41
BATAVIA__115KV_TB1 55881	40.89 -2.89 -0.01	40.84 -2.89 0.00	40.29 -3.08 0.00	39.45 -3.15 0.00	39.08 -2.94 0.00	41.45 -2.51 0.00	52.10 -3.50 0.00	53.20 -3.71 -1.49	48.50 -3.63 -0.96	41.80 -3.26 -1.02	39.86 -4.08 -0.12	38.77 -4.58 -0.13	37.83 -3.96 -0.11	36.73 -3.56 -0.30	36.77 -3.51 -0.38	38.76 -4.14 -0.64	42.63 -3.26 -1.85	49.10 -3.02 -3.37	45.51 -2.80 -3.08	43.82 -2.87 -2.48	41.38 -3.43 -0.81	40.61 -3.90 -0.65	40.24 -3.94 -0.37	41.16 -3.55 -0.89
BAYONEEC___CTG1 323682	46.77 2.93 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.98 3.03 0.00	60.16 4.56 0.00	72.34 4.77 -12.15	76.73 4.50 -21.04	63.53 3.97 -15.52	50.21 3.95 -2.44	50.44 3.80 -3.42	49.82 3.75 -4.39	48.92 3.52 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	93.20 4.48 -39.96	71.47 4.16 -22.07	65.93 3.93 -17.78	60.52 3.70 -12.83	58.43 3.64 -10.93	53.60 3.72 -6.06	53.69 3.46 -6.41
BAYONEEC___CTG10 323750	46.77 2.93 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.98 3.03 0.00	60.16 4.56 0.00	72.34 4.77 -12.15	76.73 4.50 -21.04	63.53 3.97 -15.52	50.21 3.95 -2.44	50.44 3.80 -3.42	49.82 3.75 -4.39	48.92 3.52 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	93.20 4.48 -39.96	71.47 4.16 -22.07	65.93 3.93 -17.78	60.52 3.70 -12.83	58.43 3.64 -10.93	53.60 3.72 -6.06	53.69 3.46 -6.41
BAYONEEC___CTG2 323683	46.77 2.93 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.98 3.03 0.00	60.16 4.56 0.00	72.34 4.77 -12.15	76.73 4.50 -21.04	63.53 3.97 -15.52	50.21 3.95 -2.44	50.44 3.80 -3.42	49.82 3.75 -4.39	48.92 3.52 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	93.20 4.48 -39.96	71.47 4.16 -22.07	65.93 3.93 -17.78	60.52 3.70 -12.83	58.43 3.64 -10.93	53.60 3.72 -6.06	53.69 3.46 -6.41
BAYONEEC___CTG3 323684	46.77 2.93 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.98 3.03 0.00	60.16 4.56 0.00	72.34 4.77 -12.15	76.73 4.50 -21.04	63.53 3.97 -15.52	50.21 3.95 -2.44	50.44 3.80 -3.42	49.82 3.75 -4.39	48.92 3.52 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	93.20 4.48 -39.96	71.47 4.16 -22.07	65.93 3.93 -17.78	60.52 3.70 -12.83	58.43 3.64 -10.93	53.60 3.72 -6.06	53.69 3.46 -6.41
BAYONEEC___CTG4 323685	46.77 2.93 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.98 3.03 0.00	60.16 4.56 0.00	72.34 4.77 -12.15	76.73 4.50 -21.04	63.53 3.97 -15.52	50.21 3.95 -2.44	50.44 3.80 -3.42	49.82 3.75 -4.39	48.92 3.52 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	93.20 4.48 -39.96	71.47 4.16 -22.07	65.93 3.93 -17.78	60.52 3.70 -12.83	58.43 3.64 -10.93	53.60 3.72 -6.06	53.69 3.46 -6.41
BAYONEEC___CTG5 323686	46.77 2.93 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.98 3.03 0.00	60.16 4.56 0.00	72.34 4.77 -12.15	76.73 4.50 -21.04	63.53 3.97 -15.52	50.21 3.95 -2.44	50.44 3.80 -3.42	49.82 3.75 -4.39	48.92 3.52 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	93.20 4.48 -39.96	71.47 4.16 -22.07	65.93 3.93 -17.78	60.52 3.70 -12.83	58.43 3.64 -10.93	53.60 3.72 -6.06	53.69 3.46 -6.41
BAYONEEC___CTG6 323687	46.77 2.93 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.98 3.03 0.00	60.16 4.56 0.00	72.34 4.77 -12.15	76.73 4.50 -21.04	63.53 3.97 -15.52	50.21 3.95 -2.44	50.44 3.80 -3.42	49.82 3.75 -4.39	48.92 3.52 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	93.20 4.48 -39.96	71.47 4.16 -22.07	65.93 3.93 -17.78	60.52 3.70 -12.83	58.43 3.64 -10.93	53.60 3.72 -6.06	53.69 3.46 -6.41

BAYONEEC___CTG7 323688	46.77 2.93 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.98 3.03 0.00	60.16 4.56 0.00	72.34 4.77 -12.15	76.73 4.50 -21.04	63.53 3.97 -15.52	50.21 3.95 -2.44	50.44 3.80 -3.42	49.82 3.75 -4.39	48.92 3.52 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	93.20 4.48 -39.96	71.47 4.16 -22.07	65.93 3.93 -17.78	60.52 3.70 -12.83	58.43 3.64 -10.93	53.60 3.72 -6.06	53.69 3.46 -6.41
BAYONEEC___CTG8 323689	46.77 2.93 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.98 3.03 0.00	60.16 4.56 0.00	72.34 4.77 -12.15	76.73 4.50 -21.04	63.53 3.97 -15.52	50.21 3.95 -2.44	50.44 3.80 -3.42	49.82 3.75 -4.39	48.92 3.52 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	93.20 4.48 -39.96	71.47 4.16 -22.07	65.93 3.93 -17.78	60.52 3.70 -12.83	58.43 3.64 -10.93	53.60 3.72 -6.06	53.69 3.46 -6.41
BAYONEEC___CTG9 323749	46.77 2.93 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.98 3.03 0.00	60.16 4.56 0.00	72.34 4.77 -12.15	76.73 4.50 -21.04	63.53 3.97 -15.52	50.21 3.95 -2.44	50.44 3.80 -3.42	49.82 3.75 -4.39	48.92 3.52 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	93.20 4.48 -39.96	71.47 4.16 -22.07	65.93 3.93 -17.78	60.52 3.70 -12.83	58.43 3.64 -10.93	53.60 3.72 -6.06	53.69 3.46 -6.41
BEACON___LESR 323632	46.17 2.32 -0.08	46.00 2.27 0.00	45.63 2.25 0.00	44.85 2.26 0.00	44.16 2.14 0.00	46.50 2.55 0.00	58.32 2.72 0.00	73.00 2.55 -15.03	68.50 2.36 -14.97	56.27 1.94 -10.30	48.39 1.75 -2.82	49.07 1.64 -4.21	45.84 1.54 -2.62	48.10 1.44 -6.67	50.59 1.48 -9.21	57.26 1.61 -13.41	64.93 1.81 -19.09	80.67 2.05 -29.86	74.43 1.90 -27.29	68.10 1.90 -21.98	61.66 1.80 -15.86	59.08 1.71 -13.51	53.00 1.71 -7.48	53.76 2.02 -7.93
BEAVER RIVER___HYD 24048	43.43 -0.35 0.00	43.34 -0.39 0.00	42.90 -0.48 0.00	42.13 -0.47 0.00	41.60 -0.42 0.00	43.69 -0.26 0.00	55.82 0.22 0.00	56.74 0.94 -0.38	52.27 0.72 -0.37	44.56 0.27 -0.26	43.93 0.04 -0.07	43.37 0.04 -0.11	41.53 -0.21 -0.07	39.68 -0.48 -0.17	39.97 -0.16 -0.23	42.63 0.04 -0.33	44.78 0.27 -0.48	49.79 0.10 -0.93	46.18 0.09 -0.85	44.95 0.04 -0.68	44.36 -0.13 -0.49	44.11 -0.17 -0.42	43.70 -0.35 -0.23	43.58 -0.48 -0.25
BEEBEE_GT_13 23619	41.37 -2.41 -0.01	41.28 -2.45 0.00	40.77 -2.60 0.00	40.00 -2.60 0.00	39.54 -2.48 0.00	41.80 -2.15 0.00	52.76 -2.84 0.00	54.26 -2.66 -1.49	49.68 -2.81 -1.31	42.77 -2.29 -1.02	40.88 -3.07 -0.12	39.87 -3.50 -0.15	38.87 -2.92 -0.12	37.83 -2.48 -0.32	37.89 -2.47 -0.46	39.84 -3.08 -0.67	43.47 -2.20 -1.64	49.66 -2.00 -2.90	46.08 -1.81 -2.65	44.45 -1.90 -2.14	42.49 -2.33 -0.83	41.73 -2.81 -0.67	41.39 -2.80 -0.38	42.05 -2.54 -0.77
BENSHRST_27_KV_BENSHRST_1 355998	47.79 3.94 -0.07	47.06 3.32 -0.01	46.55 3.17 -0.01	45.67 3.07 -0.01	44.96 2.94 0.00	47.60 3.65 0.00	60.95 5.34 -0.01	73.01 5.43 -12.15	79.27 5.12 -22.98	65.61 4.49 -17.08	113.89 4.51 -65.56	51.01 4.37 -3.42	57.86 4.21 -11.98	82.18 4.04 -38.15	111.09 3.95 -67.24	78.29 4.14 -31.90	142.04 4.32 -93.68	131.67 5.17 -77.74	154.71 4.84 -104.63	127.22 4.64 -78.36	107.14 4.40 -58.75	76.06 4.39 -27.81	81.63 4.34 -33.47	54.40 4.16 -6.42
BETHLEHEM___GRP 23843	45.56 1.71 -0.08	45.13 1.40 0.00	44.80 1.43 0.00	44.05 1.45 0.00	43.41 1.39 0.00	45.62 1.67 0.00	56.99 1.39 0.00	71.74 1.27 -15.04	67.28 1.13 -14.98	55.27 0.92 -10.30	47.56 0.92 -2.82	48.30 0.86 -4.21	45.22 0.92 -2.62	47.51 0.84 -6.68	49.92 0.80 -9.22	56.52 0.85 -13.42	64.11 0.97 -19.10	79.72 1.07 -29.89	73.55 1.00 -27.32	67.20 0.97 -22.00	60.79 0.92 -15.87	58.26 0.88 -13.52	52.22 0.92 -7.48	53.02 1.27 -7.94
BETHLEHEM___GS1 323560	45.34 1.49 -0.08	45.13 1.40 0.00	44.80 1.43 0.00	44.05 1.45 0.00	43.41 1.38 0.00	45.58 1.63 0.00	56.99 1.39 0.00	71.74 1.28 -15.04	67.28 1.12 -14.98	55.27 0.93 -10.30	47.56 0.92 -2.82	48.30 0.86 -4.21	45.21 0.92 -2.62	47.51 0.84 -6.68	49.92 0.80 -9.22	56.52 0.84 -13.42	64.11 0.97 -19.10	79.72 1.07 -29.89	73.55 0.99 -27.32	67.19 0.97 -22.00	60.79 0.93 -15.87	58.26 0.88 -13.52	52.22 0.92 -7.48	53.02 1.27 -7.94
BETHLEHEM___GS2 323561	45.34 1.49 -0.08	45.13 1.40 0.00	44.80 1.43 0.00	44.05 1.45 0.00	43.41 1.38 0.00	45.58 1.63 0.00	56.99 1.39 0.00	71.74 1.28 -15.04	67.28 1.12 -14.98	55.27 0.93 -10.30	47.56 0.92 -2.82	48.30 0.86 -4.21	45.21 0.92 -2.62	47.51 0.84 -6.68	49.92 0.80 -9.22	56.52 0.84 -13.42	64.11 0.97 -19.10	79.72 1.07 -29.89	73.55 0.99 -27.32	67.19 0.97 -22.00	60.79 0.93 -15.87	58.26 0.88 -13.52	52.22 0.92 -7.48	53.02 1.27 -7.94
BETHLEHEM___GS3 323562	45.34 1.49 -0.08	45.13 1.40 0.00	44.80 1.43 0.00	44.05 1.45 0.00	43.41 1.38 0.00	45.58 1.63 0.00	56.99 1.39 0.00	71.74 1.28 -15.04	67.28 1.12 -14.98	55.27 0.93 -10.30	47.56 0.92 -2.82	48.30 0.86 -4.21	45.21 0.92 -2.62	47.51 0.84 -6.68	49.92 0.80 -9.22	56.52 0.84 -13.42	64.11 0.97 -19.10	79.72 1.07 -29.89	73.55 0.99 -27.32	67.19 0.97 -22.00	60.79 0.93 -15.87	58.26 0.88 -13.52	52.22 0.92 -7.48	53.02 1.27 -7.94
BETHLEHEM___STEEL 23779	40.55 -3.24 -0.01	40.54 -3.19 0.00	40.03 -3.34 0.00	39.19 -3.41 0.00	38.83 -3.19 0.00	41.10 -2.86 0.00	51.43 -4.17 0.00	51.78 -5.27 -1.62	46.74 -5.07 -0.62	40.75 -4.40 -1.11	39.20 -4.73 -0.11	38.40 -4.93 -0.11	37.19 -4.58 -0.10	35.83 -4.44 -0.28	35.78 -4.43 -0.30	38.13 -4.73 -0.61	41.59 -4.54 -2.09	48.16 -4.49 -3.88	44.58 -4.21 -3.55	42.88 -4.20 -2.86	40.08 -4.71 -0.79	39.70 -4.78 -0.62	39.30 -4.86 -0.35	40.38 -4.47 -1.03
BETHLHEM_115KV_TB1 79974	45.56 1.71 -0.08	45.17 1.44 0.00	44.80 1.43 0.00	44.05 1.45 0.00	43.41 1.39 0.00	45.62 1.67 0.00	57.16 1.56 0.00	71.84 1.39 -15.03	67.43 1.28 -14.97	55.39 1.06 -10.30	47.69 1.05 -2.82	48.43 0.99 -4.21	45.30 1.00 -2.62	47.62 0.96 -6.67	50.03 0.92 -9.21	56.63 0.97 -13.41	64.23 1.10 -19.09	79.84 1.22 -29.87	73.67 1.13 -27.30	67.31 1.11 -21.99	60.91 1.06 -15.86	58.38 1.01 -13.51	52.35 1.05 -7.48	53.11 1.36 -7.93
BETHPAGE_CC_5 323564	57.49 3.59 -10.13	49.94 3.41 -2.79	47.00 3.25 -0.37	47.49 3.15 -1.74	50.31 3.07 -5.23	54.54 3.69 -6.89	69.29 5.28 -8.40	72.97 5.32 -12.22	70.13 5.02 -13.94	60.39 4.49 -11.86	56.82 4.42 -8.58	55.19 4.28 -7.69	48.87 4.21 -2.99	49.34 3.96 -5.39	52.87 3.91 -9.05	57.20 4.02 -10.93	63.47 4.01 -15.42	78.93 4.88 -25.30	71.95 4.66 -22.05	66.27 4.29 -17.76	60.94 4.09 -12.85	59.11 4.17 -11.08	56.76 4.25 -8.69	54.17 3.95 -6.41
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.76 -3.02 -0.01	40.76 -2.97 0.00	40.21 -3.17 0.00	39.36 -3.24 0.00	39.04 -2.98 0.00	41.32 -2.64 0.00	51.71 -3.89 0.00	51.91 -5.15 -1.64	46.94 -4.91 -0.67	40.81 -4.36 -1.13	39.37 -4.56 -0.11	38.62 -4.71 -0.11	37.32 -4.46 -0.11	35.84 -4.44 -0.29	35.83 -4.39 -0.32	38.30 -4.56 -0.61	41.61 -4.54 -2.11	48.25 -4.44 -3.92	44.62 -4.21 -3.59	42.91 -4.20 -2.89	40.08 -4.71 -0.79	39.74 -4.74 -0.62	39.30 -4.86 -0.35	40.35 -4.51 -1.04

BINGHAMTON___COGEN 23790	43.75 -0.04 -0.02	43.56 -0.17 0.00	43.11 -0.26 0.00	42.34 -0.26 0.00	41.81 -0.21 0.00	44.04 0.09 0.00	55.82 0.22 0.00	59.27 -0.06 -3.91	54.97 -0.15 -3.95	46.41 -0.31 -2.68	44.12 -0.44 -0.74	43.77 -0.56 -1.11	41.78 -0.58 -0.69	41.15 -0.60 -1.76	41.78 -0.56 -2.44	45.42 -0.38 -3.54	48.82 -0.26 -5.04	56.70 0.05 -7.89	52.50 0.05 -7.21	50.03 0.00 -5.81	47.92 -0.26 -4.19	47.13 -0.31 -3.57	45.36 -0.44 -1.98	45.52 -0.39 -2.10
BIXINCNT_115KV_LOAD 355685	41.60 -2.19 -0.01	41.63 -2.10 0.00	41.12 -2.26 0.00	40.26 -2.34 0.00	39.79 -2.23 0.00	42.15 -1.80 0.00	52.93 -2.67 0.00	52.95 -4.21 -1.74	48.02 -4.04 -0.89	41.32 -3.92 -1.20	40.08 -3.86 -0.12	39.50 -3.85 -0.12	37.75 -4.04 -0.12	35.98 -4.32 -0.31	36.08 -4.19 -0.37	38.87 -3.97 -0.59	41.87 -4.36 -2.19	48.77 -4.10 -4.10	44.87 -4.12 -3.75	43.08 -4.16 -3.02	40.02 -4.75 -0.77	39.98 -4.47 -0.60	39.56 -4.60 -0.34	40.61 -4.29 -1.09
BLACK RIVER___HYD 24047	43.43 -0.35 0.00	43.29 -0.44 0.00	42.81 -0.57 0.00	42.04 -0.55 0.00	41.56 -0.46 0.00	43.69 -0.26 0.00	56.04 0.44 0.00	57.00 1.00 -0.58	52.47 0.72 -0.58	44.61 0.18 -0.40	43.84 -0.09 -0.11	43.21 -0.17 -0.16	41.32 -0.46 -0.10	39.65 -0.60 -0.26	39.90 -0.36 -0.36	42.64 -0.13 -0.52	45.00 0.22 -0.74	50.37 0.34 -1.27	46.76 0.36 -1.16	45.42 0.27 -0.93	44.63 -0.04 -0.67	44.30 -0.13 -0.57	43.78 -0.35 -0.32	43.63 -0.52 -0.34
BLACKRVR_115KV_TB2 79977	43.43 -0.35 0.00	43.29 -0.44 0.00	42.81 -0.56 0.00	42.04 -0.55 0.00	41.56 -0.46 0.00	43.69 -0.26 0.00	56.04 0.44 0.00	57.06 1.00 -0.64	52.53 0.72 -0.64	44.65 0.18 -0.44	43.85 -0.09 -0.12	43.23 -0.17 -0.18	41.33 -0.46 -0.11	39.67 -0.60 -0.28	39.93 -0.36 -0.39	42.69 -0.13 -0.57	45.07 0.22 -0.81	50.37 0.34 -1.27	46.76 0.36 -1.16	45.42 0.27 -0.93	44.63 -0.04 -0.67	44.30 -0.13 -0.57	43.78 -0.35 -0.32	43.63 -0.53 -0.34
BLISS_WT_PWR 323608	41.55 -2.23 -0.01	41.68 -2.05 0.00	41.12 -2.26 0.00	40.30 -2.30 0.00	39.79 -2.23 0.00	42.15 -1.80 0.00	52.99 -2.61 0.00	52.91 -4.27 -1.75	48.08 -3.99 -0.89	41.32 -3.92 -1.20	40.09 -3.86 -0.12	39.50 -3.85 -0.12	37.71 -4.08 -0.12	35.91 -4.40 -0.32	36.09 -4.19 -0.38	38.79 -4.06 -0.60	41.84 -4.40 -2.20	48.77 -4.10 -4.10	44.83 -4.16 -3.75	43.13 -4.11 -3.02	40.01 -4.75 -0.77	39.98 -4.47 -0.59	39.60 -4.56 -0.34	40.62 -4.29 -1.09
BLUESTONE___WT_PWR 323821	46.64 2.84 -0.02	46.53 2.80 0.00	45.93 2.56 0.00	45.07 2.47 0.00	44.54 2.52 0.00	47.16 3.21 0.00	60.49 4.89 0.00	64.50 4.82 -4.26	59.75 4.14 -4.43	50.09 3.13 -2.92	47.61 2.81 -0.99	47.15 2.42 -1.51	44.63 2.04 -0.92	44.30 2.00 -2.31	45.12 2.07 -3.15	49.39 2.53 -4.60	52.81 3.04 -5.73	61.30 4.00 -8.54	56.84 3.80 -7.81	54.17 3.67 -6.29	52.59 3.21 -5.39	51.60 3.11 -4.63	49.04 2.67 -2.55	48.67 2.58 -2.27
BLUE_CIRC_CHEM_DRP 24182	45.91 2.06 -0.08	45.57 1.84 0.00	45.19 1.82 0.00	44.43 1.83 0.00	43.79 1.76 0.00	46.02 2.07 0.00	57.82 2.22 0.00	72.20 2.00 -14.79	67.70 1.79 -14.73	55.67 1.50 -10.13	47.99 1.40 -2.77	48.66 1.30 -4.14	45.51 1.25 -2.58	47.76 1.20 -6.57	50.21 1.24 -9.07	56.80 1.35 -13.19	64.32 1.50 -18.78	79.80 1.66 -29.39	73.64 1.54 -26.86	67.40 1.55 -21.63	61.10 1.50 -15.60	58.61 1.45 -13.30	52.62 1.45 -7.36	53.29 1.67 -7.80
BOC_GAS_DRP 24189	45.43 1.58 -0.08	45.09 1.36 0.00	44.67 1.30 0.00	43.92 1.32 0.00	43.28 1.26 0.00	45.45 1.49 0.00	57.38 1.78 0.00	72.11 1.72 -14.97	67.62 1.54 -14.91	55.62 1.32 -10.26	47.94 1.31 -2.81	48.67 1.25 -4.19	45.54 1.25 -2.61	47.80 1.16 -6.65	50.24 1.16 -9.18	56.83 1.23 -13.36	64.42 1.37 -19.01	80.02 1.51 -29.75	73.83 1.40 -27.19	67.49 1.37 -21.90	61.11 1.32 -15.80	58.59 1.27 -13.46	52.58 1.31 -7.45	53.12 1.40 -7.90
BOONVILLE_115KV_TB1 79983	44.70 0.92 0.00	44.56 0.83 0.00	44.11 0.74 0.00	43.32 0.72 0.00	42.78 0.76 0.00	45.05 1.10 0.00	57.49 1.89 0.00	58.83 2.99 -0.42	54.16 2.56 -0.42	46.18 1.85 -0.29	45.39 1.49 -0.08	44.89 1.56 -0.12	43.00 1.25 -0.07	41.21 1.04 -0.19	41.40 1.24 -0.26	44.11 1.48 -0.37	46.38 1.81 -0.53	51.06 1.46 -0.83	47.36 1.36 -0.76	46.11 1.28 -0.61	45.54 1.10 -0.44	45.25 1.01 -0.38	44.86 0.83 -0.21	44.78 0.74 -0.22
BORALEX_4TH_BRANCH 23824	46.74 2.89 -0.08	46.27 2.54 0.00	45.84 2.47 0.00	45.07 2.47 0.00	44.46 2.44 0.00	46.81 2.86 0.00	59.38 3.78 0.00	74.03 3.60 -15.01	69.25 3.12 -14.95	56.97 2.64 -10.28	49.22 2.59 -2.81	50.06 2.64 -4.20	46.84 2.54 -2.62	49.13 2.48 -6.67	51.62 2.51 -9.20	58.31 2.66 -13.39	66.01 2.91 -19.07	81.61 3.02 -29.83	75.31 2.80 -27.27	68.92 2.74 -21.96	62.61 2.77 -15.84	60.12 2.76 -13.50	54.00 2.72 -7.47	54.59 2.85 -7.92
BOWLINE___1 23526	46.24 2.41 -0.06	45.96 2.23 0.00	45.50 2.12 0.00	44.64 2.04 0.00	44.00 1.98 0.00	46.41 2.46 0.00	59.33 3.73 0.00	71.08 3.88 -11.78	66.97 3.69 -12.11	55.62 3.21 -8.36	49.19 3.16 -2.22	49.55 3.02 -3.30	46.83 3.00 -2.15	48.06 2.84 -5.24	49.88 2.75 -7.23	55.65 2.87 -10.52	62.01 3.00 -14.98	76.58 3.70 -24.12	70.09 3.44 -21.41	64.74 3.27 -17.25	59.43 2.99 -12.44	57.40 2.94 -10.60	52.70 3.02 -5.87	52.84 2.81 -6.22
BOWLINE___2 23595	46.24 2.41 -0.06	45.96 2.23 0.00	45.50 2.12 0.00	44.64 2.04 0.00	43.95 1.93 0.00	46.41 2.46 0.00	59.33 3.73 0.00	71.09 3.88 -11.78	66.93 3.63 -12.11	55.58 3.17 -8.37	49.19 3.16 -2.22	49.55 3.02 -3.30	46.83 3.00 -2.15	48.03 2.80 -5.24	49.88 2.75 -7.23	55.61 2.83 -10.52	62.02 3.00 -14.98	76.55 3.66 -24.13	70.10 3.44 -21.42	64.75 3.27 -17.25	59.43 2.99 -12.44	57.41 2.94 -10.61	52.71 3.02 -5.87	52.85 2.81 -6.22
BRADY___115KV_TB2 356060	43.64 -0.13 0.00	43.95 0.22 0.00	43.59 0.22 0.00	42.81 0.21 0.00	42.31 0.29 0.00	43.82 -0.13 0.00	55.32 -0.28 0.00	55.37 -0.06 0.00	51.18 0.00 0.00	43.95 -0.09 0.00	43.95 0.13 0.00	43.52 0.30 0.00	41.76 0.08 0.00	40.03 0.04 0.00	39.90 0.00 0.00	42.34 0.08 0.00	43.86 -0.18 0.00	48.22 -0.54 0.00	44.74 -0.50 0.00	43.82 -0.40 0.00	43.82 -0.18 0.00	43.77 -0.09 0.00	43.77 -0.04 0.00	43.77 -0.04 0.00
BRANSCOMB___SOLAR 323811	46.22 2.36 -0.08	46.00 2.27 0.00	45.63 2.25 0.00	44.81 2.21 0.00	44.12 2.10 0.00	46.55 2.59 0.00	59.05 3.45 0.00	74.17 3.33 -15.42	69.51 2.97 -15.36	56.99 2.38 -10.57	48.77 2.06 -2.89	49.49 1.95 -4.32	46.12 1.75 -2.69	48.52 1.68 -6.85	51.16 1.80 -9.46	58.04 2.03 -13.76	65.92 2.29 -19.59	82.04 2.63 -30.65	75.70 2.44 -28.02	69.22 2.43 -22.57	62.60 2.33 -16.28	59.97 2.24 -13.87	53.64 2.15 -7.67	54.19 2.23 -8.14
BRENTWOD_69_KV_W. BRTWOOD 56703	58.46 4.55 -10.14	50.54 4.02 -2.78	47.60 3.86 -0.37	48.08 3.75 -1.73	50.89 3.66 -5.22	55.19 4.35 -6.88	72.25 6.06 -10.59	76.16 6.04 -14.70	80.03 5.73 -23.11	62.38 5.11 -13.23	59.02 5.04 -10.16	56.79 4.84 -8.72	49.50 4.83 -2.99	49.90 4.52 -5.39	53.51 4.55 -9.06	58.50 4.56 -11.68	68.70 4.45 -20.21	79.59 5.46 -25.37	72.42 5.11 -22.07	66.91 4.78 -17.92	63.18 4.62 -14.57	60.94 4.69 -12.38	58.52 4.86 -9.84	54.84 4.60 -6.42

BRISTLHL_115KV_TB1 79998	42.55 -1.23 -0.01	42.42 -1.31 0.00	42.03 -1.34 0.00	41.24 -1.36 0.00	40.68 -1.34 0.00	42.72 -1.23 0.00	54.21 -1.39 0.00	55.07 -1.33 -0.97	50.87 -1.28 -0.97	43.52 -1.19 -0.67	42.60 -1.40 -0.18	41.98 -1.51 -0.27	40.43 -1.42 -0.17	39.10 -1.32 -0.43	39.26 -1.24 -0.60	41.81 -1.31 -0.87	44.18 -1.10 -1.24	49.67 -1.02 -1.94	46.06 -0.95 -1.77	44.63 -1.02 -1.43	43.84 -1.19 -1.03	43.47 -1.27 -0.88	42.94 -1.36 -0.48	43.02 -1.31 -0.51
BROOKHAVEN___DRP 24191	58.61 4.64 -10.19	50.58 4.07 -2.78	47.73 3.99 -0.37	48.20 3.88 -1.73	51.02 3.78 -5.22	55.27 4.44 -6.88	80.41 6.12 -18.70	85.44 6.10 -23.92	113.92 5.78 -56.96	67.50 5.20 -18.26	64.94 5.08 -16.04	60.79 4.97 -12.60	49.54 4.88 -2.99	49.98 4.60 -5.39	53.64 4.63 -9.11	61.38 4.65 -14.47	86.61 4.49 -38.07	79.64 5.46 -25.42	72.54 5.16 -22.15	67.54 4.82 -18.50	69.71 4.75 -20.96	65.85 4.78 -17.21	62.93 5.00 -14.12	55.07 4.78 -6.48
BROOKLYN_NAVY_YARD 23515	46.77 2.93 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.98 3.03 0.00	60.21 4.61 0.00	72.39 4.82 -12.15	76.77 4.55 -21.04	63.57 4.01 -15.52	50.25 3.99 -2.44	50.48 3.85 -3.42	49.86 3.79 -4.39	48.95 3.56 -5.41	50.83 3.47 -7.46	56.74 3.63 -10.85	63.27 3.79 -15.44	93.30 4.58 -39.96	71.61 4.30 -22.07	66.07 4.07 -17.78	60.61 3.78 -12.83	58.48 3.68 -10.93	53.64 3.77 -6.06	53.73 3.51 -6.41
BROOKLYN___ARMY_DRP 323595	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
BROOKVLE_69_KV_TB1 55790	58.05 4.16 -10.12	50.14 3.63 -2.78	47.21 3.47 -0.37	47.74 3.41 -1.73	50.52 3.28 -5.22	54.79 3.96 -6.88	69.47 5.62 -8.25	73.36 5.76 -12.18	69.90 5.37 -13.35	60.54 4.71 -11.78	56.98 4.69 -8.47	55.41 4.58 -7.61	49.12 4.46 -2.99	49.58 4.20 -5.39	53.05 4.11 -9.04	57.40 4.27 -10.88	63.82 4.36 -15.42	79.47 5.36 -25.35	72.40 5.11 -22.05	66.62 4.64 -17.76	61.31 4.49 -12.83	59.29 4.43 -11.00	56.85 4.43 -8.61	54.34 4.12 -6.41
BROOME_2_LFGE 323671	43.62 -0.17 -0.02	43.60 -0.13 0.00	43.11 -0.26 0.00	42.34 -0.25 0.00	41.81 -0.21 0.00	44.00 0.04 0.00	55.82 0.22 0.00	59.23 -0.11 -3.91	54.98 -0.15 -3.95	46.42 -0.31 -2.68	44.13 -0.44 -0.75	43.77 -0.56 -1.11	41.78 -0.58 -0.69	41.15 -0.60 -1.76	41.78 -0.56 -2.44	45.38 -0.42 -3.55	48.83 -0.26 -5.05	56.70 0.05 -7.89	52.50 0.05 -7.21	50.07 0.04 -5.81	47.93 -0.26 -4.19	47.13 -0.30 -3.57	45.36 -0.44 -1.98	45.52 -0.40 -2.10
BROOME___LFGE 323600	43.62 -0.17 -0.02	43.60 -0.13 0.00	43.11 -0.26 0.00	42.34 -0.25 0.00	41.81 -0.21 0.00	44.00 0.04 0.00	55.82 0.22 0.00	59.23 -0.11 -3.91	54.98 -0.15 -3.95	46.42 -0.31 -2.68	44.13 -0.44 -0.75	43.77 -0.56 -1.11	41.78 -0.58 -0.69	41.15 -0.60 -1.76	41.78 -0.56 -2.44	45.38 -0.42 -3.55	48.83 -0.26 -5.05	56.70 0.05 -7.89	52.50 0.05 -7.21	50.07 0.04 -5.81	47.93 -0.26 -4.19	47.13 -0.30 -3.57	45.36 -0.44 -1.98	45.52 -0.40 -2.10
BROWNFLS_115KV_TB_3_5 80003	42.68 -1.09 0.00	42.77 -0.96 0.00	42.37 -1.00 0.00	41.62 -0.98 0.00	41.14 -0.88 0.00	42.94 -1.01 0.00	54.60 -1.00 0.00	55.25 -0.50 -0.33	50.99 -0.51 -0.33	43.60 -0.66 -0.22	43.18 -0.70 -0.06	42.71 -0.61 -0.09	40.90 -0.83 -0.06	39.13 -1.00 -0.15	39.30 -0.80 -0.20	41.83 -0.72 -0.29	43.71 -0.75 -0.42	48.39 -1.02 -0.65	44.88 -0.95 -0.60	43.77 -0.93 -0.48	43.42 -0.92 -0.35	43.19 -0.96 -0.29	42.97 -1.01 -0.16	42.94 -1.05 -0.17
BROWNSV1_27_KV_LOAD 356125	47.52 3.68 -0.06	46.84 3.10 0.00	46.32 2.95 0.00	45.45 2.85 0.00	44.75 2.73 0.00	47.38 3.43 0.00	60.66 5.06 0.00	72.84 5.27 -12.15	77.27 5.02 -21.07	63.94 4.36 -15.54	50.60 4.34 -2.44	50.83 4.19 -3.42	50.16 4.08 -4.40	49.23 3.84 -5.41	51.15 3.79 -7.46	57.07 3.97 -10.85	63.57 4.10 -15.44	93.80 5.02 -40.01	71.97 4.66 -22.07	66.42 4.42 -17.78	60.96 4.14 -12.83	58.92 4.12 -10.93	53.99 4.12 -6.06	54.08 3.86 -6.41
BURROWS___LYONSDAL 23803	44.43 0.66 0.00	44.30 0.57 0.00	43.89 0.52 0.00	43.07 0.47 0.00	42.57 0.55 0.00	44.79 0.84 0.00	57.16 1.56 0.00	58.46 2.60 -0.43	53.86 2.25 -0.43	45.88 1.54 -0.29	45.13 1.23 -0.08	44.59 1.25 -0.12	42.75 1.00 -0.07	40.90 0.72 -0.19	41.12 0.96 -0.26	43.86 1.23 -0.38	46.08 1.50 -0.54	50.83 1.22 -0.85	47.15 1.13 -0.78	45.91 1.06 -0.63	45.33 0.88 -0.45	45.04 0.79 -0.39	44.64 0.61 -0.21	44.57 0.53 -0.23
CAITHNESS_CC_1 323624	58.13 4.16 -10.20	50.46 3.94 -2.79	47.60 3.86 -0.37	48.09 3.75 -1.74	50.90 3.65 -5.23	55.11 4.26 -6.89	80.19 5.95 -18.64	85.21 5.93 -23.85	113.48 5.63 -56.67	67.31 5.06 -18.21	64.77 4.95 -16.00	60.64 4.84 -12.58	49.42 4.75 -2.99	49.86 4.48 -5.39	53.53 4.51 -9.12	61.23 4.52 -14.45	86.35 4.36 -37.95	79.44 5.32 -25.37	72.41 5.02 -22.15	67.40 4.69 -18.49	69.44 4.53 -20.91	65.68 4.65 -17.17	62.73 4.82 -14.10	54.89 4.60 -6.47
CALPINE BETH_PAGE_GT4 24209	57.75 3.85 -10.12	49.88 3.37 -2.78	46.95 3.21 -0.37	47.44 3.11 -1.73	50.26 3.03 -5.22	54.53 3.69 -6.88	69.27 5.28 -8.39	73.02 5.38 -12.22	70.20 5.07 -13.95	60.36 4.45 -11.87	56.82 4.43 -8.57	55.18 4.28 -7.68	48.87 4.21 -2.99	49.30 3.92 -5.39	52.86 3.91 -9.04	57.23 4.06 -10.92	63.47 4.01 -15.42	79.04 4.92 -25.35	71.99 4.70 -22.05	66.31 4.33 -17.76	61.07 4.22 -12.85	59.11 4.17 -11.08	56.75 4.25 -8.68	54.12 3.90 -6.41
CALPINE_BETH_PAGE_GT_4 323586	57.45 3.54 -10.13	49.89 3.37 -2.79	46.95 3.21 -0.37	47.44 3.11 -1.74	50.27 3.03 -5.23	54.49 3.65 -6.89	69.29 5.28 -8.40	72.97 5.32 -12.22	70.17 5.07 -13.92	60.34 4.45 -11.85	56.82 4.42 -8.58	55.19 4.28 -7.69	48.87 4.21 -2.99	49.30 3.92 -5.39	52.87 3.91 -9.05	57.19 4.02 -10.93	63.51 4.05 -15.42	78.98 4.92 -25.30	71.99 4.70 -22.05	66.32 4.34 -17.76	60.98 4.13 -12.85	59.11 4.17 -11.08	56.76 4.25 -8.69	54.12 3.90 -6.41
CALPINE_BP_GT1 23823	57.45 3.54 -10.13	49.89 3.37 -2.79	46.95 3.21 -0.37	47.44 3.11 -1.74	50.27 3.03 -5.23	54.49 3.65 -6.89	69.29 5.28 -8.40	72.97 5.32 -12.22	70.17 5.07 -13.92	60.34 4.45 -11.85	56.82 4.42 -8.58	55.19 4.28 -7.69	48.87 4.21 -2.99	49.30 3.92 -5.39	52.87 3.91 -9.05	57.19 4.02 -10.93	63.51 4.05 -15.42	78.98 4.92 -25.30	71.99 4.70 -22.05	66.32 4.34 -17.76	60.98 4.13 -12.85	59.11 4.17 -11.08	56.76 4.25 -8.69	54.12 3.90 -6.41
CALSPAN___DRP 24200	40.55 -3.24 -0.01	40.54 -3.19 0.00	40.03 -3.34 0.00	39.19 -3.41 0.00	38.83 -3.19 0.00	41.10 -2.86 0.00	51.43 -4.17 0.00	51.78 -5.27 -1.62	46.74 -5.07 -0.62	40.75 -4.40 -1.11	39.20 -4.73 -0.11	38.40 -4.93 -0.11	37.19 -4.58 -0.10	35.83 -4.44 -0.28	35.78 -4.43 -0.30	38.13 -4.73 -0.61	41.59 -4.54 -2.09	48.16 -4.49 -3.88	44.58 -4.21 -3.55	42.88 -4.20 -2.86	40.08 -4.71 -0.79	39.70 -4.78 -0.62	39.30 -4.86 -0.35	40.38 -4.47 -1.03

CALVERTON___SOLAR 323806	58.48 4.51 -10.20	50.76 4.24 -2.79	47.95 4.21 -0.37	48.39 4.05 -1.74	51.24 3.99 -5.23	55.41 4.57 -6.89	80.72 6.39 -18.73	85.69 6.32 -23.95	114.21 5.99 -57.04	67.63 5.33 -18.26	65.14 5.26 -16.07	60.99 5.14 -12.62	49.71 5.04 -2.99	50.14 4.76 -5.39	53.77 4.75 -9.12	61.55 4.81 -14.49	86.89 4.71 -38.13	79.83 5.70 -25.37	72.77 5.38 -22.15	67.76 5.04 -18.50	69.86 4.88 -20.98	66.08 5.00 -17.22	63.13 5.17 -14.14	55.24 4.95 -6.48
CANDIGU_WT_PWR 323617	41.82 -1.97 -0.01	42.24 -1.49 0.00	41.77 -1.60 0.00	40.94 -1.66 0.00	40.47 -1.55 0.00	42.81 -1.14 0.00	54.04 -1.56 0.00	55.65 -2.33 -2.55	45.95 -2.20 3.03	43.63 -2.16 -1.75	41.29 -2.50 0.03	40.32 -2.72 0.18	39.06 -2.58 0.03	37.42 -2.56 0.01	36.74 -2.47 0.69	40.06 -2.41 -0.21	44.58 -2.16 -2.69	52.30 -1.85 -5.40	48.41 -1.76 -4.93	46.47 -1.73 -3.97	42.16 -2.20 -0.37	41.78 -2.28 -0.20	41.54 -2.41 -0.13	43.06 -2.19 -1.43
CARR STREET_E_SYR 24060	42.64 -1.14 -0.01	42.55 -1.18 0.00	42.16 -1.21 0.00	41.41 -1.19 0.00	40.84 -1.18 0.00	42.94 -1.01 0.00	54.54 -1.06 0.00	55.45 -1.11 -1.14	51.24 -1.08 -1.13	43.81 -1.01 -0.78	42.80 -1.23 -0.21	42.20 -1.34 -0.32	40.62 -1.25 -0.20	39.33 -1.16 -0.51	39.48 -1.12 -0.70	42.09 -1.18 -1.02	44.52 -0.97 -1.45	50.15 -0.83 -2.22	46.50 -0.77 -2.03	45.06 -0.79 -1.63	44.16 -1.01 -1.18	43.72 -1.14 -1.23	43.15 -1.23 -0.56	43.23 -1.18 -0.59
CARTHAGE___PAPER 23857	43.34 -0.44 0.00	43.21 -0.52 0.00	42.77 -0.61 0.00	42.00 -0.60 0.00	41.52 -0.50 0.00	43.60 -0.35 0.00	55.82 0.22 0.00	56.81 0.88 -0.50	52.34 0.66 -0.50	44.56 0.18 -0.34	43.87 -0.04 -0.09	43.32 -0.04 -0.14	41.43 -0.33 -0.09	39.65 -0.56 -0.22	39.93 -0.28 -0.31	42.61 -0.08 -0.45	44.85 0.18 -0.64	50.04 0.15 -1.14	46.41 0.14 -1.04	45.14 0.09 -0.84	44.47 -0.13 -0.60	44.16 -0.22 -0.51	43.66 -0.44 -0.28	43.60 -0.52 -0.30
CASSADAGA_WT_PWR 323784	42.03 -1.75 -0.01	42.07 -1.66 0.00	41.47 -1.91 0.00	40.55 -2.04 0.00	40.26 -1.76 0.00	42.64 -1.32 0.00	53.43 -2.17 0.00	53.78 -3.38 -1.74	48.83 -3.17 -0.82	42.24 -3.00 -1.19	40.61 -3.33 -0.12	39.88 -3.46 -0.12	38.54 -3.25 -0.11	36.98 -3.32 -0.31	37.03 -3.23 -0.36	39.16 -3.68 -0.58	42.66 -3.57 -2.19	49.63 -3.22 -4.09	45.81 -3.17 -3.74	44.14 -3.10 -3.01	41.09 -3.65 -0.75	40.84 -3.60 -0.58	40.38 -3.77 -0.33	41.53 -3.37 -1.09
CE_DUNWOOD___DRP 24194	46.86 3.02 -0.06	46.27 2.54 0.00	45.76 2.39 0.00	44.94 2.34 0.00	44.25 2.23 0.00	46.77 2.81 0.00	59.77 4.17 0.00	71.90 4.38 -12.10	67.97 4.15 -12.64	56.41 3.61 -8.76	49.69 3.59 -2.28	50.07 3.46 -3.39	47.31 3.38 -2.26	48.57 3.20 -5.38	50.48 3.15 -7.42	56.35 3.30 -10.80	62.77 3.35 -15.38	78.07 4.14 -25.16	71.08 3.85 -21.99	65.56 3.63 -17.71	60.20 3.43 -12.78	58.13 3.38 -10.89	53.22 3.37 -6.02	53.36 3.15 -6.39
CE_MILLWOOD___DRP 24193	46.77 2.93 -0.06	46.18 2.45 0.00	45.71 2.34 0.00	44.86 2.26 0.00	44.16 2.14 0.00	46.68 2.73 0.00	59.66 4.06 0.00	71.68 4.21 -12.04	67.68 3.99 -12.51	56.18 3.48 -8.66	49.55 3.46 -2.27	49.93 3.33 -3.38	47.20 3.29 -2.23	48.42 3.08 -5.35	50.32 3.03 -7.39	56.17 3.17 -10.75	62.61 3.26 -15.31	77.66 4.00 -24.90	70.84 3.71 -21.89	65.35 3.49 -17.63	60.01 3.30 -12.72	57.99 3.29 -10.84	53.10 3.29 -6.00	53.24 3.07 -6.36
CE_NYC2_DRP 24202	47.44 3.59 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.71 2.69 0.00	47.34 3.38 0.00	60.56 4.95 -0.01	72.67 5.10 -12.15	78.92 4.76 -22.98	65.30 4.18 -17.08	59.35 4.16 -11.37	50.66 4.02 -3.42	50.47 3.92 -4.88	53.77 3.72 -10.06	59.53 3.67 -15.96	59.94 3.84 -13.84	74.56 3.96 -26.56	96.91 4.78 -43.37	83.52 4.48 -33.80	74.85 4.25 -26.39	62.49 4.00 -14.49	59.42 3.99 -11.56	53.86 3.99 -6.06	54.00 3.77 -6.42
CE_NYC_DRP 24195	47.17 3.33 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.15 2.56 0.00	44.46 2.44 0.00	47.07 3.12 0.00	60.21 4.61 0.00	72.39 4.82 -12.15	76.46 4.61 -20.68	63.27 4.01 -15.23	50.24 3.99 -2.44	50.48 3.85 -3.41	49.77 3.79 -4.30	48.95 3.56 -5.41	50.87 3.51 -7.46	56.78 3.68 -10.85	63.22 3.74 -15.44	92.66 4.58 -39.32	71.56 4.25 -22.07	66.02 4.02 -17.78	60.61 3.78 -12.83	58.52 3.73 -10.93	53.64 3.77 -6.05	53.73 3.51 -6.41
CHAFFEE___LFGE 323603	40.72 -3.07 -0.01	40.76 -2.98 0.00	40.21 -3.16 0.00	39.36 -3.24 0.00	38.99 -3.03 0.00	41.27 -2.68 0.00	51.65 -3.95 0.00	51.96 -5.15 -1.69	47.13 -4.81 -0.76	40.97 -4.23 -1.16	39.38 -4.56 -0.12	38.67 -4.67 -0.12	37.41 -4.38 -0.11	35.97 -4.32 -0.30	35.98 -4.27 -0.34	38.21 -4.65 -0.61	41.65 -4.54 -2.15	48.32 -4.44 -3.99	44.68 -4.21 -3.65	43.09 -4.07 -2.94	40.15 -4.62 -0.77	39.73 -4.74 -0.60	39.30 -4.87 -0.34	40.37 -4.51 -1.06
CHATEAUG_35_KV_LOAD 355732	43.86 0.09 0.00	44.26 0.52 0.00	43.85 0.48 0.00	42.94 0.34 0.00	42.40 0.38 0.00	43.87 -0.09 0.00	55.21 -0.39 0.00	55.15 -0.28 0.00	50.87 -0.31 0.00	43.69 -0.35 0.00	43.51 -0.31 0.00	43.01 -0.22 0.00	41.13 -0.54 0.00	39.23 -0.76 0.00	39.06 -0.84 0.00	41.49 -0.76 0.00	43.12 -0.92 0.00	47.40 -1.37 0.00	43.88 -1.36 0.00	42.94 -1.28 0.00	42.94 -1.06 0.00	42.85 -1.01 0.00	42.99 -0.83 0.00	43.56 -0.26 0.00
CHATEAUG_WT_PWR 323614	43.99 0.22 0.00	44.12 0.39 0.00	43.72 0.35 0.00	42.86 0.26 0.00	42.27 0.25 0.00	43.78 -0.18 0.00	55.04 -0.56 0.00	54.98 -0.45 0.00	50.72 -0.46 0.00	43.56 -0.48 0.00	43.38 -0.44 0.00	42.83 -0.39 0.00	41.01 -0.67 0.00	39.11 -0.88 0.00	38.99 -0.92 0.00	41.36 -0.89 0.00	42.98 -1.06 0.00	47.30 -1.46 0.00	43.79 -1.45 0.00	42.80 -1.42 0.00	42.81 -1.19 0.00	42.77 -1.09 0.00	42.90 -0.92 0.00	43.51 -0.30 0.00
CHAT_HIGH_FALL_HYD 323578	43.86 0.09 0.00	44.26 0.52 0.00	43.85 0.48 0.00	42.94 0.34 0.00	42.40 0.38 0.00	43.87 -0.09 0.00	55.21 -0.39 0.00	55.15 -0.28 0.00	50.87 -0.31 0.00	43.69 -0.35 0.00	43.51 -0.31 0.00	43.01 -0.22 0.00	41.13 -0.54 0.00	39.23 -0.76 0.00	39.06 -0.84 0.00	41.49 -0.76 0.00	43.12 -0.92 0.00	47.40 -1.37 0.00	43.88 -1.36 0.00	42.94 -1.28 0.00	42.94 -1.06 0.00	42.85 -1.01 0.00	42.99 -0.83 0.00	43.56 -0.26 0.00
CHAUTAUQUA___LFGE 323629	41.29 -2.49 -0.01	41.28 -2.45 0.00	40.73 -2.65 0.00	39.87 -2.73 0.00	39.50 -2.52 0.00	41.84 -2.11 0.00	52.37 -3.23 0.00	52.86 -4.27 -1.71	47.83 -4.10 -0.74	41.60 -3.61 -1.17	39.90 -4.03 -0.12	39.10 -4.23 -0.11	37.91 -3.87 -0.11	36.53 -3.76 -0.30	36.53 -3.71 -0.34	38.67 -4.18 -0.60	42.25 -3.96 -2.17	49.09 -3.71 -4.04	45.35 -3.57 -3.69	43.70 -3.49 -2.97	40.72 -4.05 -0.77	40.34 -4.12 -0.60	39.91 -4.25 -0.34	41.03 -3.86 -1.07
CHERRYST_13_KV_LD 356241	47.30 3.46 -0.06	46.62 2.89 0.00	46.10 2.73 0.00	45.24 2.64 0.00	44.54 2.52 0.00	47.16 3.21 0.00	60.38 4.78 0.00	72.61 5.04 -12.15	76.62 4.76 -20.68	63.45 4.18 -15.23	50.42 4.16 -2.44	50.61 3.98 -3.41	49.89 3.92 -4.30	49.07 3.68 -5.41	50.99 3.63 -7.46	56.90 3.80 -10.85	63.40 3.92 -15.44	92.86 4.78 -39.32	71.70 4.39 -22.07	66.15 4.16 -17.78	60.74 3.92 -12.83	58.65 3.86 -10.93	53.77 3.90 -6.05	53.86 3.64 -6.41

CHESTROR_138KV_BK263 355645	46.24 2.41 -0.06	45.74 2.01 0.00	45.28 1.91 0.00	44.39 1.79 0.00	43.74 1.72 0.00	46.15 2.20 0.00	58.88 3.28 0.00	70.07 3.33 -11.32	65.65 3.12 -11.35	54.58 2.73 -7.81	48.62 2.67 -2.13	48.94 2.55 -3.17	46.17 2.50 -1.99	47.38 2.36 -5.03	49.16 2.31 -6.95	54.77 2.41 -10.11	60.98 2.55 -14.39	74.59 3.17 -22.66	68.76 2.94 -20.58	63.58 2.79 -16.57	58.55 2.60 -11.95	56.64 2.59 -10.19	52.04 2.59 -5.64	52.21 2.41 -5.98
CH_MIDHUDSON___DRP 24192	46.73 2.89 -0.07	46.18 2.45 0.00	45.71 2.34 0.00	44.94 2.34 0.00	44.25 2.23 0.00	46.68 2.73 0.00	59.55 3.95 0.00	71.77 3.88 -12.47	67.29 3.68 -12.43	55.80 3.21 -8.54	49.31 3.15 -2.34	49.74 3.03 -3.50	46.81 2.96 -2.18	48.33 2.80 -5.54	50.35 2.79 -7.65	56.26 2.87 -11.13	62.93 3.04 -15.85	77.22 3.66 -24.80	71.30 3.39 -22.67	65.71 3.23 -18.26	60.25 3.08 -13.17	58.15 3.07 -11.22	53.05 3.02 -6.21	53.30 2.89 -6.59
CH_MISC_IPPS 23765	46.64 2.80 -0.06	46.40 2.67 0.00	45.93 2.56 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.85 2.90 0.00	59.88 4.28 0.00	71.87 4.21 -12.24	67.37 3.99 -12.20	55.86 3.44 -8.39	49.40 3.29 -2.30	49.81 3.15 -3.43	46.85 3.04 -2.14	48.31 2.88 -5.44	50.32 2.91 -7.51	56.18 3.00 -10.93	62.81 3.21 -15.56	76.95 3.85 -24.34	71.11 3.62 -22.25	65.54 3.41 -17.92	60.13 3.21 -12.92	58.08 3.20 -11.01	53.11 3.20 -6.09	53.35 3.07 -6.46
CH_RES_BVR_FALLS 23983	43.60 -0.17 0.00	43.60 -0.13 0.00	43.29 -0.09 0.00	42.43 -0.17 0.00	41.85 -0.17 0.00	43.56 -0.40 0.00	54.88 -0.72 0.00	54.76 -0.66 0.00	50.62 -0.56 0.00	43.60 -0.44 0.00	43.47 -0.35 0.00	42.92 -0.30 0.00	41.26 -0.42 0.00	39.47 -0.52 0.00	39.30 -0.60 0.00	41.62 -0.63 0.00	43.25 -0.79 0.00	47.73 -1.03 0.00	44.29 -0.95 0.00	43.38 -0.84 0.00	43.38 -0.62 0.00	43.29 -0.57 0.00	43.38 -0.44 0.00	43.47 -0.35 0.00
CH_RES_NIAGARA 23895	38.49 -5.30 -0.01	38.48 -5.25 0.00	37.95 -5.42 0.00	37.19 -5.41 0.00	36.85 -5.17 0.00	38.99 -4.97 0.00	48.59 -7.01 0.00	49.28 -7.59 -1.44	45.37 -6.60 -0.79	38.91 -6.12 -0.99	37.19 -6.75 -0.12	36.21 -7.13 -0.12	35.49 -6.29 -0.11	34.52 -5.76 -0.29	34.47 -5.79 -0.35	36.22 -6.67 -0.64	40.06 -5.95 -1.97	46.07 -6.29 -3.60	42.69 -5.84 -3.29	41.25 -5.62 -2.65	38.73 -6.07 -0.81	37.92 -6.58 -0.64	37.65 -6.53 -0.36	38.95 -5.83 -0.95
CH_RES_SYRACUSE 23985	43.17 -0.61 -0.01	43.08 -0.65 0.00	42.68 -0.70 0.00	41.87 -0.72 0.00	41.35 -0.67 0.00	43.47 -0.48 0.00	55.15 -0.45 0.00	56.29 -0.39 -1.26	51.97 -0.46 -1.25	44.42 -0.48 -0.86	43.31 -0.75 -0.24	42.71 -0.86 -0.35	41.06 -0.83 -0.22	39.79 -0.76 -0.56	39.99 -0.68 -0.77	42.70 -0.68 -1.12	45.20 -0.44 -1.60	50.99 -0.24 -2.47	47.27 -0.23 -2.26	45.73 -0.31 -1.82	44.78 -0.53 -1.31	44.32 -0.66 -1.12	43.69 -0.75 -0.62	43.77 -0.70 -0.66
CLINTON_WT_PWR 323605	43.99 0.22 0.00	44.12 0.39 0.00	43.72 0.35 0.00	42.86 0.26 0.00	42.27 0.25 0.00	43.78 -0.18 0.00	55.04 -0.56 0.00	54.98 -0.45 0.00	50.72 -0.46 0.00	43.56 -0.48 0.00	43.38 -0.44 0.00	42.83 -0.39 0.00	41.01 -0.67 0.00	39.11 -0.88 0.00	38.99 -0.92 0.00	41.36 -0.89 0.00	42.98 -1.06 0.00	47.30 -1.46 0.00	43.79 -1.45 0.00	42.80 -1.42 0.00	42.81 -1.19 0.00	42.77 -1.09 0.00	42.90 -0.92 0.00	43.51 -0.30 0.00
CLINTON___LFGE 323618	44.56 0.79 0.00	44.69 0.96 0.00	44.24 0.87 0.00	43.32 0.72 0.00	42.82 0.80 0.00	44.39 0.44 0.00	55.88 0.28 0.00	55.92 0.50 0.00	51.54 0.36 0.00	44.26 0.22 0.00	44.04 0.22 0.00	43.53 0.30 0.00	41.59 -0.08 0.00	39.67 -0.32 0.00	39.54 -0.36 0.00	41.96 -0.29 0.00	43.64 -0.40 0.00	48.08 -0.68 0.00	44.51 -0.73 0.00	43.56 -0.66 0.00	43.47 -0.53 0.00	43.38 -0.48 0.00	43.51 -0.30 0.00	44.26 0.44 0.00
COBBLENY_34_KV_TB1 80064	40.72 -3.06 -0.01	40.76 -2.97 0.00	40.21 -3.17 0.00	39.36 -3.24 0.00	39.00 -3.03 0.00	41.32 -2.64 0.00	51.65 -3.95 0.00	52.06 -5.04 -1.68	47.12 -4.81 -0.75	40.97 -4.23 -1.15	39.42 -4.51 -0.12	38.67 -4.67 -0.11	37.41 -4.38 -0.11	35.97 -4.32 -0.30	35.97 -4.27 -0.34	38.25 -4.61 -0.60	41.64 -4.54 -2.14	48.32 -4.44 -3.99	44.73 -4.16 -3.65	43.00 -4.16 -2.94	40.07 -4.71 -0.78	39.73 -4.74 -0.60	39.30 -4.86 -0.34	40.37 -4.51 -1.06
COFFEEN___115KV_TB3 355620	43.73 -0.04 0.00	43.60 -0.13 0.00	43.07 -0.30 0.00	42.30 -0.30 0.00	41.81 -0.21 0.00	44.00 0.04 0.00	56.54 0.95 0.00	57.57 1.50 -0.65	52.95 1.13 -0.65	44.97 0.48 -0.45	44.16 0.22 -0.12	43.49 0.09 -0.18	41.54 -0.25 -0.11	39.92 -0.36 -0.29	40.14 -0.16 -0.40	42.96 0.13 -0.58	45.39 0.53 -0.83	50.83 0.78 -1.29	47.19 0.77 -1.18	45.79 0.62 -0.95	44.99 0.31 -0.69	44.62 0.18 -0.58	44.05 -0.09 -0.32	43.94 -0.22 -0.34
COLDSPRG_115KV_BK1 355956	42.65 -1.14 -0.01	42.55 -1.18 0.00	41.94 -1.43 0.00	41.07 -1.53 0.00	40.72 -1.30 0.00	43.16 -0.79 0.00	54.15 -1.45 0.00	54.27 -2.94 -1.78	49.36 -2.76 -0.94	42.49 -2.77 -1.22	41.14 -2.80 -0.13	40.58 -2.77 -0.12	38.96 -2.83 -0.12	37.15 -3.16 -0.32	37.21 -3.07 -0.39	39.71 -3.08 -0.54	42.77 -3.48 -2.21	49.91 -3.02 -4.18	46.07 -2.99 -3.82	44.24 -3.05 -3.08	41.15 -3.56 -0.71	41.12 -3.29 -0.54	40.49 -3.64 -0.31	41.55 -3.37 -1.11
COLONIE_LFGE___ 323577	45.91 2.06 -0.08	45.70 1.97 0.00	45.33 1.95 0.00	44.52 1.92 0.00	43.91 1.89 0.00	46.15 2.20 0.00	58.43 2.83 0.00	73.38 2.72 -15.25	68.77 2.41 -15.19	56.51 2.03 -10.45	48.56 1.88 -2.86	49.35 1.86 -4.27	46.13 1.79 -2.66	48.48 1.72 -6.77	51.00 1.75 -9.35	57.76 1.90 -13.60	65.48 2.07 -19.37	81.35 2.29 -30.30	75.06 2.13 -27.69	68.60 2.08 -22.31	62.11 2.02 -16.09	59.59 2.02 -13.71	53.38 1.97 -7.59	53.92 2.06 -8.04
COOPERNY_115KV_TB1 80082	45.49 1.66 -0.05	45.13 1.40 0.00	44.67 1.30 0.00	43.92 1.32 0.00	43.28 1.26 0.00	45.58 1.63 0.00	58.10 2.50 0.00	67.25 2.60 -9.23	62.82 2.41 -9.23	52.46 2.07 -6.35	47.57 2.02 -1.73	47.71 1.90 -2.59	45.17 1.88 -1.62	45.85 1.76 -4.10	47.28 1.72 -5.66	52.31 1.82 -8.24	57.71 1.94 -11.73	69.62 2.44 -18.42	64.28 2.26 -16.78	59.90 2.17 -13.52	55.73 1.98 -9.75	54.14 1.97 -8.31	50.34 1.93 -4.60	50.49 1.80 -4.87
COPENHAGEN_WT_PWR 323753	43.34 -0.44 0.00	43.21 -0.52 0.00	42.77 -0.61 0.00	41.96 -0.64 0.00	41.43 -0.59 0.00	43.60 -0.35 0.00	55.82 0.22 0.00	56.76 0.72 -0.62	52.25 0.46 -0.62	44.51 0.04 -0.42	43.72 -0.22 -0.12	43.09 -0.30 -0.17	41.24 -0.54 -0.11	39.58 -0.68 -0.27	39.80 -0.48 -0.38	42.55 -0.25 -0.55	44.91 0.09 -0.78	50.29 0.20 -1.33	46.64 0.18 -1.22	45.33 0.13 -0.98	44.53 -0.18 -0.71	44.20 -0.26 -0.60	43.67 -0.48 -0.33	43.56 -0.61 -0.35
CORNELL_____ 23752	44.49 0.70 -0.01	44.34 0.61 0.00	43.85 0.48 0.00	43.07 0.47 0.00	42.52 0.50 0.00	44.88 0.92 0.00	57.05 1.45 0.00	59.57 1.44 -2.71	55.54 1.18 -3.18	46.65 0.75 -1.86	45.90 0.39 -1.69	46.19 0.17 -2.79	43.36 0.13 -1.56	43.94 0.12 -3.84	45.10 0.24 -4.96	50.18 0.51 -7.42	50.14 0.88 -5.22	55.60 1.37 -5.47	51.51 1.27 -5.00	49.40 1.15 -4.03	53.33 0.84 -8.50	52.04 0.70 -7.48	48.40 0.48 -4.10	45.75 0.48 -1.45

CORONA__69_KV_TB1 355595	57.88 3.98 -10.12	50.01 3.50 -2.78	47.08 3.34 -0.37	47.57 3.24 -1.73	50.39 3.15 -5.22	54.62 3.78 -6.88	69.09 5.34 -8.15	73.11 5.54 -12.14	69.22 5.12 -12.92	60.30 4.54 -11.72	56.73 4.51 -8.40	55.11 4.32 -7.57	48.92 4.25 -2.99	49.38 4.00 -5.39	52.90 3.95 -9.04	57.24 4.14 -10.85	63.69 4.23 -15.42	79.08 4.97 -25.35	72.04 4.75 -22.05	66.40 4.42 -17.76	61.17 4.36 -12.82	59.06 4.25 -10.94	56.71 4.34 -8.56	54.25 4.03 -6.41
CORTLAND__115KV_TB3 80093	44.14 0.35 -0.01	43.99 0.26 0.00	43.55 0.17 0.00	42.73 0.13 0.00	42.19 0.17 0.00	44.48 0.53 0.00	56.54 0.95 0.00	58.40 0.78 -2.21	54.16 0.61 -2.36	45.90 0.35 -1.51	44.64 0.09 -0.73	44.31 -0.09 -1.17	42.27 -0.08 -0.68	41.60 -0.08 -1.70	42.16 0.00 -2.25	45.71 0.13 -3.33	47.73 0.40 -3.30	53.97 0.78 -4.43	50.01 0.72 -4.05	48.10 0.62 -3.26	48.21 0.35 -3.86	47.53 0.31 -3.36	45.80 0.13 -1.85	45.12 0.13 -1.18
COXSACKIE__GT 23611	47.70 3.85 -0.07	47.45 3.72 0.00	47.06 3.68 0.00	46.22 3.62 0.00	45.51 3.49 0.00	48.08 4.13 0.00	60.49 4.89 0.00	73.43 3.77 -14.24	68.74 3.38 -14.18	56.31 2.51 -9.76	48.33 1.84 -2.67	48.85 1.64 -3.99	45.53 1.37 -2.49	47.71 1.40 -6.33	50.31 1.68 -8.73	56.86 1.90 -12.71	64.51 2.38 -18.09	79.79 2.73 -28.30	73.77 2.67 -25.87	67.57 2.52 -20.83	61.53 2.51 -15.03	58.99 2.32 -12.81	53.14 2.23 -7.08	53.96 2.63 -7.51
CPV_VALLEY__CC1 323721	45.49 1.66 -0.06	45.26 1.53 0.00	44.80 1.43 0.00	44.05 1.45 0.00	43.45 1.43 0.00	45.76 1.80 0.00	58.38 2.78 0.00	68.89 2.88 -10.59	64.49 2.71 -10.60	53.66 2.33 -7.29	48.13 2.32 -1.99	48.39 2.20 -2.97	45.70 2.17 -1.86	46.73 2.04 -4.71	48.39 1.99 -6.50	53.78 2.07 -9.45	59.70 2.20 -13.46	72.64 2.73 -21.15	67.02 2.53 -19.25	62.15 2.43 -15.50	57.38 2.20 -11.18	55.54 2.15 -9.53	51.28 2.19 -5.27	51.47 2.06 -5.59
CPV_VALLEY__CC2 323722	45.49 1.66 -0.06	45.26 1.53 0.00	44.80 1.43 0.00	44.05 1.45 0.00	43.45 1.43 0.00	45.76 1.80 0.00	58.38 2.78 0.00	68.89 2.88 -10.59	64.49 2.71 -10.60	53.66 2.33 -7.29	48.13 2.32 -1.99	48.39 2.20 -2.97	45.70 2.17 -1.86	46.73 2.04 -4.71	48.39 1.99 -6.50	53.78 2.07 -9.45	59.70 2.20 -13.46	72.64 2.73 -21.15	67.02 2.53 -19.25	62.15 2.43 -15.50	57.38 2.20 -11.18	55.54 2.15 -9.53	51.28 2.19 -5.27	51.47 2.06 -5.59
CRESCENT__HYD 24018	45.91 2.06 -0.08	45.70 1.97 0.00	45.33 1.95 0.00	44.52 1.92 0.00	43.91 1.89 0.00	46.15 2.20 0.00	58.43 2.83 0.00	73.38 2.72 -15.25	68.77 2.41 -15.19	56.51 2.03 -10.45	48.56 1.88 -2.86	49.35 1.86 -4.27	46.13 1.79 -2.66	48.48 1.72 -6.77	51.00 1.75 -9.35	57.76 1.90 -13.60	65.48 2.07 -19.37	81.35 2.29 -30.30	75.06 2.13 -27.69	68.60 2.08 -22.31	62.11 2.02 -16.09	59.59 2.02 -13.71	53.38 1.97 -7.59	53.92 2.06 -8.04
CRICKET__VALLEY_CC1 323756	46.20 2.36 -0.07	46.00 2.27 0.00	45.54 2.17 0.00	44.73 2.13 0.00	44.08 2.06 0.00	46.41 2.46 0.00	59.10 3.50 0.00	71.74 3.44 -12.88	67.19 3.17 -12.83	55.72 2.86 -8.82	49.26 3.02 -2.42	49.81 2.98 -3.61	46.84 2.92 -2.25	48.47 2.76 -5.72	50.55 2.75 -7.90	56.54 2.79 -11.50	63.36 2.95 -16.37	77.78 3.41 -25.61	71.76 3.12 -23.41	66.08 3.01 -18.85	60.50 2.90 -13.60	58.34 2.89 -11.59	53.12 2.89 -6.41	53.42 2.81 -6.80
CRICKET__VALLEY_CC2 323757	46.20 2.36 -0.07	46.00 2.27 0.00	45.54 2.17 0.00	44.73 2.13 0.00	44.08 2.06 0.00	46.41 2.46 0.00	59.10 3.50 0.00	71.74 3.44 -12.88	67.19 3.17 -12.83	55.72 2.86 -8.82	49.26 3.02 -2.42	49.81 2.98 -3.61	46.84 2.92 -2.25	48.47 2.76 -5.72	50.55 2.75 -7.90	56.54 2.79 -11.50	63.36 2.95 -16.37	77.78 3.41 -25.61	71.76 3.12 -23.41	66.08 3.01 -18.85	60.50 2.90 -13.60	58.34 2.89 -11.59	53.12 2.89 -6.41	53.42 2.81 -6.80
CRICKET__VALLEY_CC3 323758	46.20 2.36 -0.07	46.00 2.27 0.00	45.54 2.17 0.00	44.73 2.13 0.00	44.08 2.06 0.00	46.41 2.46 0.00	59.10 3.50 0.00	71.74 3.44 -12.88	67.19 3.17 -12.83	55.72 2.86 -8.82	49.26 3.02 -2.42	49.81 2.98 -3.61	46.84 2.92 -2.25	48.47 2.76 -5.72	50.55 2.75 -7.90	56.54 2.79 -11.50	63.36 2.95 -16.37	77.78 3.41 -25.61	71.76 3.12 -23.41	66.08 3.01 -18.85	60.50 2.90 -13.60	58.34 2.89 -11.59	53.12 2.89 -6.41	53.42 2.81 -6.80
CRUCIBLE__METL_DRP 24180	43.21 -0.57 -0.01	43.07 -0.66 0.00	42.68 -0.69 0.00	41.87 -0.72 0.00	41.35 -0.67 0.00	43.47 -0.48 0.00	55.16 -0.44 0.00	56.28 -0.39 -1.24	51.96 -0.46 -1.24	44.41 -0.48 -0.85	43.31 -0.74 -0.23	42.66 -0.91 -0.35	41.06 -0.83 -0.22	39.78 -0.76 -0.55	39.99 -0.68 -0.76	42.69 -0.68 -1.11	45.18 -0.44 -1.58	50.99 -0.24 -2.47	47.27 -0.23 -2.26	45.73 -0.31 -1.82	44.78 -0.53 -1.31	44.37 -0.61 -1.12	43.69 -0.74 -0.62	43.77 -0.70 -0.66
DAHOWA__HYDRO 323763	46.31 2.45 -0.08	46.05 2.32 0.00	45.67 2.30 0.00	44.85 2.26 0.00	44.16 2.14 0.00	46.63 2.68 0.00	59.16 3.56 0.00	74.32 3.44 -15.46	69.70 3.12 -15.39	57.09 2.46 -10.59	48.82 2.10 -2.90	49.54 1.99 -4.33	46.12 1.75 -2.70	48.53 1.68 -6.86	51.22 1.84 -9.48	58.11 2.07 -13.79	66.01 2.33 -19.63	82.15 2.68 -30.71	75.84 2.53 -28.07	69.35 2.52 -22.61	62.68 2.37 -16.31	60.04 2.28 -13.90	53.70 2.19 -7.69	54.21 2.23 -8.16
DANC__LFGE 323619	43.03 -0.74 0.00	42.90 -0.83 0.00	42.46 -0.91 0.00	41.70 -0.90 0.00	41.14 -0.88 0.00	43.16 -0.79 0.00	55.10 -0.50 0.00	56.07 -0.11 -0.75	51.68 -0.25 -0.75	44.07 -0.48 -0.52	43.21 -0.75 -0.14	42.66 -0.78 -0.21	40.89 -0.92 -0.13	39.41 -0.92 -0.33	39.52 -0.84 -0.46	42.21 -0.72 -0.67	44.51 -0.48 -0.96	49.98 -0.34 -1.56	46.35 -0.31 -1.42	44.97 -0.40 -1.15	44.21 -0.62 -0.83	43.86 -0.70 -0.70	43.33 -0.88 -0.39	43.31 -0.92 -0.41
DANSKAMMER__1 23586	46.64 2.80 -0.06	46.40 2.67 0.00	45.93 2.56 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.85 2.90 0.00	59.88 4.28 0.00	71.87 4.21 -12.24	67.37 3.99 -12.20	55.86 3.44 -8.39	49.40 3.29 -2.30	49.81 3.15 -3.43	46.85 3.04 -2.14	48.31 2.88 -5.44	50.32 2.91 -7.51	56.18 3.00 -10.93	62.81 3.21 -15.56	76.95 3.85 -24.34	71.11 3.62 -22.25	65.54 3.41 -17.92	60.13 3.21 -12.92	58.08 3.20 -11.01	53.11 3.20 -6.09	53.35 3.07 -6.46
DANSKAMMER__2 23589	46.64 2.80 -0.06	46.40 2.67 0.00	45.93 2.56 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.85 2.90 0.00	59.88 4.28 0.00	71.87 4.21 -12.24	67.37 3.99 -12.20	55.86 3.44 -8.39	49.40 3.29 -2.30	49.81 3.15 -3.43	46.85 3.04 -2.14	48.31 2.88 -5.44	50.32 2.91 -7.51	56.18 3.00 -10.93	62.81 3.21 -15.56	76.95 3.85 -24.34	71.11 3.62 -22.25	65.54 3.41 -17.92	60.13 3.21 -12.92	58.08 3.20 -11.01	53.11 3.20 -6.09	53.35 3.07 -6.46
DANSKAMMER__3 23590	46.64 2.80 -0.06	46.40 2.67 0.00	45.93 2.56 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.85 2.90 0.00	59.88 4.28 0.00	71.87 4.21 -12.24	67.37 3.99 -12.20	55.86 3.44 -8.39	49.40 3.29 -2.30	49.81 3.15 -3.43	46.85 3.04 -2.14	48.31 2.88 -5.44	50.32 2.91 -7.51	56.18 3.00 -10.93	62.81 3.21 -15.56	76.95 3.85 -24.34	71.11 3.62 -22.25	65.54 3.41 -17.92	60.13 3.21 -12.92	58.08 3.20 -11.01	53.11 3.20 -6.09	53.35 3.07 -6.46

DANSKAMMER___4 23591	46.64 2.80 -0.06	46.40 2.67 0.00	45.93 2.56 0.00	45.11 2.51 0.00	44.41 2.39 0.00	46.85 2.90 0.00	59.88 4.28 0.00	71.87 4.21 -12.24	67.37 3.99 -12.20	55.86 3.44 -8.39	49.40 3.29 -2.30	49.81 3.15 -3.43	46.85 3.04 -2.14	48.31 2.88 -5.44	50.32 2.91 -7.51	56.18 3.00 -10.93	62.81 3.21 -15.56	76.95 3.85 -24.34	71.11 3.62 -22.25	65.54 3.41 -17.92	60.13 3.21 -12.92	58.08 3.20 -11.01	53.11 3.20 -6.09	53.35 3.07 -6.46
DANSKAMMER___DIESEL 23592	46.95 3.11 -0.06	46.40 2.67 0.00	45.93 2.56 0.00	45.11 2.51 0.00	44.42 2.40 0.00	46.90 2.94 0.00	59.88 4.28 0.00	71.87 4.21 -12.24	67.37 3.99 -12.20	55.86 3.44 -8.39	49.40 3.29 -2.30	49.81 3.16 -3.43	46.85 3.04 -2.14	48.31 2.88 -5.44	50.32 2.91 -7.51	56.18 3.00 -10.93	62.77 3.17 -15.56	76.95 3.85 -24.34	71.10 3.62 -22.25	65.54 3.40 -17.92	60.18 3.26 -12.92	58.08 3.20 -11.01	53.11 3.20 -6.09	53.35 3.07 -6.46
DARBY___SOLAR 323810	46.22 2.36 -0.08	46.00 2.27 0.00	45.58 2.21 0.00	44.81 2.21 0.00	44.12 2.10 0.00	46.55 2.59 0.00	59.05 3.45 0.00	74.17 3.33 -15.43	69.51 2.97 -15.37	57.03 2.42 -10.57	48.81 2.10 -2.89	49.53 1.99 -4.32	46.16 1.79 -2.69	48.56 1.72 -6.85	51.20 1.84 -9.46	58.04 2.03 -13.76	65.92 2.29 -19.60	82.05 2.63 -30.66	75.70 2.44 -28.02	69.22 2.43 -22.57	62.60 2.33 -16.28	59.97 2.24 -13.87	53.64 2.15 -7.67	54.19 2.23 -8.14
DASHVILLE___HYD 23610	46.34 2.50 -0.07	45.79 2.06 0.00	45.32 1.95 0.00	44.52 1.92 0.00	43.87 1.85 0.00	46.28 2.33 0.00	59.21 3.61 0.00	71.02 2.99 -12.60	66.66 2.92 -12.56	55.23 2.55 -8.63	48.68 2.50 -2.36	49.17 2.42 -3.53	46.21 2.33 -2.20	47.75 2.16 -5.60	49.79 2.15 -7.73	55.74 2.24 -11.25	62.35 2.29 -16.02	76.75 2.93 -25.06	70.86 2.71 -22.91	65.19 2.52 -18.45	59.68 2.38 -13.31	57.57 2.37 -11.34	52.46 2.37 -6.27	52.58 2.10 -6.65
DEERFIELD_69_KV_DEERFIELD LD 355887	59.96 6.00 -10.19	51.89 5.38 -2.78	49.03 5.29 -0.37	49.48 5.15 -1.73	52.32 5.08 -5.22	56.68 5.85 -6.88	82.43 8.06 -18.77	87.45 8.04 -23.99	115.85 7.42 -57.25	68.86 6.52 -18.31	66.35 6.44 -16.09	62.08 6.22 -12.63	50.67 6.00 -2.99	51.06 5.68 -5.39	54.80 5.79 -9.11	62.71 5.96 -14.50	88.21 5.95 -38.22	81.45 7.27 -25.42	74.26 6.88 -22.15	69.13 6.41 -18.50	71.35 6.34 -21.01	67.42 6.32 -17.25	64.37 6.40 -14.16	56.43 6.13 -6.48
DELAWARE___LFGE 323621	45.55 1.75 -0.03	45.31 1.57 0.00	44.85 1.47 0.00	44.05 1.45 0.00	43.45 1.43 0.00	45.76 1.80 0.00	58.32 2.72 0.00	63.45 2.72 -5.31	58.90 2.41 -5.32	49.62 1.94 -3.64	46.71 1.84 -1.05	46.48 1.69 -1.58	44.19 1.54 -0.98	43.94 1.48 -2.48	44.78 1.48 -3.40	48.87 1.65 -4.97	52.74 1.85 -6.85	61.72 2.34 -10.61	57.11 2.17 -9.70	54.16 2.12 -7.82	51.75 1.89 -5.86	50.75 1.89 -5.00	48.34 1.75 -2.77	48.30 1.67 -2.82
DERFIELD_115KV_TB7 355931	44.17 0.39 0.00	44.04 0.31 0.00	43.68 0.30 0.00	42.90 0.30 0.00	42.31 0.29 0.00	44.39 0.44 0.00	56.21 0.61 0.00	56.09 0.67 0.00	51.74 0.56 0.00	44.48 0.44 0.00	44.21 0.39 0.00	43.57 0.35 0.00	42.01 0.33 0.00	40.31 0.32 0.00	40.22 0.32 0.00	42.59 0.34 0.00	44.48 0.44 0.00	49.30 0.54 0.00	45.74 0.50 0.00	44.71 0.49 0.00	44.39 0.40 0.00	44.26 0.39 0.00	44.21 0.39 0.00	44.17 0.35 0.00
DOGLEVILLE___HYD 23807	44.39 0.61 0.00	44.34 0.61 0.00	43.98 0.61 0.00	43.24 0.64 0.00	42.65 0.63 0.00	44.79 0.83 0.00	56.71 1.11 0.00	56.53 1.11 0.00	52.20 1.02 0.00	44.83 0.79 0.00	44.43 0.61 0.00	43.83 0.60 0.00	42.21 0.54 0.00	40.55 0.56 0.00	40.42 0.52 0.00	42.84 0.59 0.00	44.79 0.75 0.00	49.64 0.88 0.00	46.05 0.82 0.00	45.02 0.80 0.00	44.66 0.66 0.00	44.56 0.70 0.00	44.48 0.66 0.00	44.52 0.70 0.00
DUNKIRK___115KV_TB_200 55889	41.20 -2.58 -0.01	41.15 -2.58 0.00	40.60 -2.78 0.00	39.74 -2.85 0.00	39.42 -2.61 0.00	41.71 -2.24 0.00	52.21 -3.39 0.00	52.80 -4.32 -1.70	47.71 -4.20 -0.73	41.51 -3.70 -1.16	39.81 -4.12 -0.11	39.01 -4.32 -0.11	37.82 -3.96 -0.11	36.44 -3.84 -0.29	36.40 -3.83 -0.33	38.58 -4.27 -0.60	42.15 -4.05 -2.16	48.99 -3.80 -4.03	45.26 -3.66 -3.69	43.52 -3.67 -2.97	40.59 -4.18 -0.78	40.26 -4.21 -0.60	39.87 -4.29 -0.34	40.94 -3.94 -1.07
DUNKIRK___1 23563	41.20 -2.58 -0.01	41.15 -2.58 0.00	40.60 -2.78 0.00	39.74 -2.85 0.00	39.42 -2.61 0.00	41.71 -2.24 0.00	52.21 -3.39 0.00	52.80 -4.32 -1.70	47.71 -4.20 -0.73	41.51 -3.70 -1.16	39.81 -4.12 -0.11	39.01 -4.32 -0.11	37.82 -3.96 -0.11	36.44 -3.84 -0.29	36.40 -3.83 -0.33	38.58 -4.27 -0.60	42.15 -4.05 -2.16	48.99 -3.80 -4.03	45.26 -3.66 -3.69	43.52 -3.67 -2.97	40.59 -4.18 -0.78	40.26 -4.21 -0.60	39.87 -4.29 -0.34	40.94 -3.94 -1.07
DUNKIRK___2 23564	41.20 -2.58 -0.01	41.15 -2.58 0.00	40.60 -2.78 0.00	39.74 -2.85 0.00	39.42 -2.61 0.00	41.71 -2.24 0.00	52.21 -3.39 0.00	52.80 -4.32 -1.70	47.71 -4.20 -0.73	41.51 -3.70 -1.16	39.81 -4.12 -0.11	39.01 -4.32 -0.11	37.82 -3.96 -0.11	36.44 -3.84 -0.29	36.40 -3.83 -0.33	38.58 -4.27 -0.60	42.15 -4.05 -2.16	48.99 -3.80 -4.03	45.26 -3.66 -3.69	43.52 -3.67 -2.97	40.59 -4.18 -0.78	40.26 -4.21 -0.60	39.87 -4.29 -0.34	40.94 -3.94 -1.07
DUNKIRK___3 23565	40.98 -2.80 -0.01	40.93 -2.80 0.00	40.42 -2.95 0.00	39.57 -3.02 0.00	39.21 -2.82 0.00	41.49 -2.46 0.00	51.99 -3.61 0.00	52.42 -4.71 -1.70	47.42 -4.50 -0.75	41.20 -4.01 -1.17	39.60 -4.34 -0.12	38.84 -4.50 -0.11	37.62 -4.17 -0.11	36.16 -4.12 -0.29	36.16 -4.07 -0.33	38.53 -4.35 -0.63	41.99 -4.23 -2.17	48.76 -4.05 -4.05	45.09 -3.85 -3.70	43.35 -3.85 -2.98	40.45 -4.36 -0.81	40.11 -4.39 -0.63	39.71 -4.47 -0.36	40.77 -4.12 -1.07
DUNKIRK___4 23566	40.98 -2.80 -0.01	40.98 -2.76 0.00	40.42 -2.95 0.00	39.57 -3.02 0.00	39.21 -2.82 0.00	41.54 -2.42 0.00	51.93 -3.67 0.00	52.42 -4.66 -1.65	47.29 -4.50 -0.62	41.21 -3.96 -1.13	39.59 -4.34 -0.11	38.79 -4.54 -0.10	37.61 -4.17 -0.10	36.19 -4.08 -0.28	36.17 -4.03 -0.30	38.46 -4.39 -0.60	41.98 -4.18 -2.12	48.72 -4.00 -3.95	45.05 -3.80 -3.62	43.33 -3.80 -2.91	40.46 -4.31 -0.78	40.08 -4.39 -0.60	39.69 -4.47 -0.34	40.75 -4.12 -1.05
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.90 3.06 -0.06	46.31 2.58 0.00	45.80 2.43 0.00	44.98 2.39 0.00	44.29 2.27 0.00	46.81 2.86 0.00	59.88 4.28 0.00	72.05 4.49 -12.14	68.30 4.25 -12.87	56.73 3.74 -8.94	49.83 3.72 -2.29	50.21 3.59 -3.40	47.53 3.54 -2.32	48.70 3.32 -5.39	50.62 3.27 -7.45	56.51 3.42 -10.84	62.95 3.48 -15.43	78.89 4.29 -25.84	71.28 3.98 -22.06	65.75 3.76 -17.77	60.33 3.52 -12.82	58.29 3.51 -10.92	53.37 3.51 -6.04	53.47 3.24 -6.41
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.46 2.63 -0.06	45.96 2.23 0.00	45.50 2.13 0.00	44.69 2.09 0.00	44.04 2.02 0.00	46.46 2.51 0.00	59.32 3.73 0.00	71.00 3.71 -11.86	66.48 3.48 -11.82	55.21 3.04 -8.13	48.98 2.94 -2.23	49.36 2.81 -3.33	46.45 2.71 -2.07	47.82 2.56 -5.27	49.73 2.55 -7.28	55.50 2.66 -10.59	61.94 2.82 -15.08	75.81 3.46 -23.59	70.06 3.26 -21.56	64.64 3.05 -17.37	59.38 2.86 -12.53	57.39 2.85 -10.67	52.57 2.85 -5.91	52.75 2.67 -6.26

E179THST_138_KV_TB4_REV_LBMP_J 345001	47.39 3.55 -0.07	46.84 3.10 -0.01	46.37 2.99 -0.01	45.50 2.90 -0.01	44.79 2.77 0.00	47.38 3.43 0.00	60.44 4.84 -0.01	72.45 4.88 -12.15	68.49 4.55 -12.75	56.85 3.96 -8.85	50.10 3.99 -2.30	50.49 3.85 -3.42	47.72 3.75 -2.29	48.95 3.56 -5.40	50.87 3.51 -7.45	56.77 3.68 -10.84	63.26 3.79 -15.43	78.96 4.58 -25.62	71.60 4.30 -22.07	66.06 4.07 -17.78	60.65 3.83 -12.82	58.61 3.82 -10.93	53.69 3.81 -6.06	53.91 3.68 -6.42
E179THST_13_KV_LOAD 356214	47.57 3.72 -0.07	47.02 3.28 -0.01	46.50 3.12 -0.01	45.63 3.02 -0.01	44.96 2.94 0.00	47.56 3.60 0.00	60.67 5.06 -0.01	72.67 5.10 -12.15	68.74 4.81 -12.75	57.07 4.18 -8.85	50.32 4.21 -2.30	50.70 4.06 -3.42	47.93 3.96 -2.29	49.11 3.72 -5.40	51.03 3.67 -7.45	56.94 3.84 -10.84	63.48 4.01 -15.43	79.21 4.83 -25.62	71.83 4.52 -22.07	66.33 4.33 -17.78	60.87 4.05 -12.82	58.78 3.99 -10.93	53.86 3.99 -6.06	54.09 3.86 -6.42
EAST HAMPTON___GT 23717	60.15 6.17 -10.20	52.34 5.82 -2.79	49.47 5.72 -0.37	49.91 5.58 -1.74	52.79 5.55 -5.23	57.13 6.28 -6.89	83.11 8.73 -18.78	88.17 8.75 -24.00	116.49 8.08 -57.23	69.33 7.00 -18.29	66.89 6.97 -16.10	62.52 6.65 -12.65	51.08 6.42 -2.99	51.46 6.08 -5.39	55.21 6.18 -9.12	63.17 6.42 -14.50	88.78 6.52 -38.23	82.08 7.95 -25.37	74.90 7.51 -22.15	69.75 7.03 -18.50	71.87 6.86 -21.02	67.95 6.84 -17.25	64.86 6.88 -14.17	56.91 6.62 -6.48
EAST RIVER___6 23660	46.73 2.89 -0.06	46.44 2.71 0.00	45.93 2.56 0.00	45.07 2.47 0.00	44.37 2.35 0.00	46.94 2.99 0.00	60.21 4.61 0.00	72.39 4.82 -12.15	76.48 4.66 -20.65	63.34 4.10 -15.20	50.28 4.03 -2.44	50.53 3.89 -3.42	49.80 3.83 -4.29	49.00 3.60 -5.41	50.91 3.55 -7.46	56.77 3.67 -10.85	63.36 3.88 -15.44	92.71 4.68 -39.27	71.65 4.34 -22.07	66.06 4.07 -17.78	60.56 3.74 -12.83	58.43 3.64 -10.93	53.59 3.72 -6.05	53.73 3.51 -6.41
EAST RIVER___7 23524	46.73 2.89 -0.06	46.44 2.71 0.00	45.93 2.56 0.00	45.07 2.47 0.00	44.37 2.35 0.00	46.94 2.99 0.00	60.21 4.61 0.00	72.39 4.82 -12.15	76.48 4.66 -20.65	63.34 4.10 -15.20	50.28 4.03 -2.44	50.53 3.89 -3.42	49.80 3.83 -4.29	49.00 3.60 -5.41	50.91 3.55 -7.46	56.77 3.67 -10.85	63.36 3.88 -15.44	92.71 4.68 -39.27	71.65 4.34 -22.07	66.06 4.07 -17.78	60.56 3.74 -12.83	58.43 3.64 -10.93	53.59 3.72 -6.05	53.73 3.51 -6.41
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.86 3.02 -0.06	46.27 2.54 0.00	45.76 2.39 0.00	44.94 2.34 0.00	44.25 2.23 0.00	46.77 2.81 0.00	59.77 4.17 0.00	71.90 4.38 -12.10	67.97 4.15 -12.64	56.41 3.61 -8.76	49.69 3.59 -2.28	50.07 3.46 -3.39	47.31 3.38 -2.26	48.57 3.20 -5.38	50.48 3.15 -7.42	56.35 3.30 -10.80	62.77 3.35 -15.38	78.07 4.14 -25.16	71.08 3.85 -21.99	65.56 3.63 -17.71	60.20 3.43 -12.78	58.13 3.38 -10.89	53.22 3.37 -6.02	53.36 3.15 -6.39
EAST_HAMPTON___DIESEL 23722	60.15 6.17 -10.20	52.34 5.82 -2.79	49.51 5.77 -0.37	49.96 5.62 -1.74	52.84 5.59 -5.23	57.13 6.28 -6.89	83.16 8.78 -18.78	88.17 8.75 -24.00	116.49 8.08 -57.23	69.33 7.00 -18.29	66.89 6.97 -16.10	62.52 6.65 -12.65	51.08 6.42 -2.99	51.46 6.08 -5.39	55.21 6.18 -9.12	63.17 6.42 -14.50	88.83 6.56 -38.23	82.13 8.00 -25.37	74.90 7.51 -22.15	69.80 7.07 -18.50	71.87 6.86 -21.02	68.00 6.89 -17.25	64.91 6.92 -14.17	56.91 6.62 -6.48
EAST_PULASKI___ESR 323781	42.86 -0.92 0.00	42.68 -1.05 0.00	42.29 -1.08 0.00	41.49 -1.11 0.00	40.93 -1.09 0.00	42.85 -1.10 0.00	54.49 -1.11 0.00	55.37 -0.94 -0.89	51.10 -0.97 -0.89	43.68 -0.97 -0.61	42.80 -1.18 -0.17	42.22 -1.25 -0.25	40.58 -1.25 -0.16	39.19 -1.20 -0.40	39.29 -1.16 -0.55	41.91 -1.14 -0.80	44.25 -0.92 -1.13	49.66 -0.88 -1.77	46.04 -0.81 -1.62	44.68 -0.84 -1.31	43.88 -1.06 -0.94	43.57 -1.10 -0.80	43.08 -1.18 -0.44	43.06 -1.23 -0.47
EAST_RIVER___1 323558	46.82 2.98 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.15 2.56 0.00	44.46 2.44 0.00	47.03 3.08 0.00	60.21 4.61 0.00	72.39 4.82 -12.15	76.44 4.61 -20.65	63.25 4.01 -15.20	50.24 3.99 -2.44	50.48 3.85 -3.42	49.76 3.79 -4.29	48.95 3.56 -5.41	50.87 3.51 -7.46	56.73 3.63 -10.85	63.27 3.79 -15.44	92.61 4.58 -39.27	71.56 4.25 -22.07	66.02 4.02 -17.78	60.56 3.74 -12.83	58.48 3.68 -10.93	53.64 3.77 -6.05	53.73 3.51 -6.41
EAST_RIVER___2 323559	46.73 2.89 -0.06	46.44 2.71 0.00	45.93 2.56 0.00	45.07 2.47 0.00	44.37 2.35 0.00	46.94 2.99 0.00	60.21 4.61 0.00	72.39 4.82 -12.15	76.48 4.66 -20.65	63.34 4.10 -15.20	50.28 4.03 -2.44	50.53 3.89 -3.42	49.80 3.83 -4.29	49.00 3.60 -5.41	50.91 3.55 -7.46	56.77 3.67 -10.85	63.36 3.88 -15.44	92.71 4.68 -39.27	71.65 4.34 -22.07	66.06 4.07 -17.78	60.56 3.74 -12.83	58.43 3.64 -10.93	53.59 3.72 -6.05	53.73 3.51 -6.41
EAST___DELAWARE_HYD 23607	46.24 2.41 -0.06	45.96 2.23 0.00	45.50 2.12 0.00	44.64 2.04 0.00	44.00 1.98 0.00	46.55 2.59 0.00	59.66 4.06 0.00	70.37 3.94 -11.01	65.89 3.73 -10.98	54.76 3.17 -7.55	48.78 2.89 -2.07	49.03 2.72 -3.09	46.14 2.54 -1.92	46.24 1.36 -4.90	48.06 1.40 -6.76	53.56 1.48 -9.83	59.76 1.72 -14.00	72.95 2.29 -21.90	67.43 2.17 -20.02	62.34 1.99 -16.12	57.39 1.76 -11.63	56.67 2.89 -9.91	52.15 2.85 -5.48	52.31 2.67 -5.82
EIGHT_POINT___WT_PWR 323820	40.59 -3.19 -0.01	42.64 -1.09 0.00	42.20 -1.17 0.00	41.36 -1.24 0.00	40.89 -1.13 0.00	43.34 -0.62 0.00	54.71 -0.89 0.00	56.28 -1.61 -2.47	56.78 -1.59 -7.18	43.97 -1.76 -1.69	41.36 -2.19 0.27	40.14 -2.51 0.57	39.01 -2.42 0.24	37.10 -2.36 0.53	37.94 -2.19 -0.24	40.07 -1.73 0.45	45.06 -1.32 -2.34	53.02 -0.88 -5.14	49.03 -0.90 -4.70	47.07 -0.93 -3.78	42.16 -1.45 0.38	41.87 -1.54 0.46	41.83 -1.75 0.23	43.65 -1.53 -1.36
ELBRIDGE_115KV_TB2 80188	42.95 -0.83 -0.01	42.86 -0.87 0.00	42.42 -0.95 0.00	41.66 -0.94 0.00	41.10 -0.92 0.00	43.25 -0.70 0.00	54.88 -0.72 0.00	56.02 -0.72 -1.32	51.72 -0.77 -1.31	44.19 -0.75 -0.90	43.06 -1.01 -0.25	42.42 -1.17 -0.37	40.82 -1.08 -0.23	39.61 -0.96 -0.58	39.79 -0.92 -0.81	42.50 -0.93 -1.18	45.01 -0.70 -1.67	50.84 -0.54 -2.62	47.13 -0.50 -2.39	45.57 -0.57 -1.93	44.64 -0.75 -1.39	44.17 -0.88 -1.18	43.51 -0.96 -0.66	43.55 -0.96 -0.69
ELEC_TRO_TEK 24086	57.62 3.72 -10.12	49.75 3.24 -2.78	46.86 3.12 -0.37	47.35 3.02 -1.73	50.14 2.90 -5.22	54.40 3.56 -6.88	68.89 5.12 -8.18	72.79 5.21 -12.15	69.13 4.91 -13.04	60.10 4.32 -11.74	56.53 4.29 -8.42	54.95 4.15 -7.58	48.75 4.08 -2.99	49.22 3.84 -5.39	52.74 3.79 -9.04	57.04 3.93 -10.85	63.42 3.96 -15.42	78.94 4.83 -25.35	71.86 4.57 -22.05	66.23 4.25 -17.76	60.91 4.09 -12.82	58.85 4.04 -10.96	56.51 4.12 -8.57	54.04 3.81 -6.41
ELLENBURG_WT_PWR 323604	43.99 0.22 0.00	44.12 0.39 0.00	43.72 0.35 0.00	42.86 0.26 0.00	42.27 0.25 0.00	43.78 -0.18 0.00	55.04 -0.56 0.00	54.98 -0.45 0.00	50.72 -0.46 0.00	43.56 -0.48 0.00	43.38 -0.44 0.00	42.83 -0.39 0.00	41.01 -0.67 0.00	39.11 -0.88 0.00	38.99 -0.92 0.00	41.36 -0.89 0.00	42.98 -1.06 0.00	47.30 -1.46 0.00	43.79 -1.45 0.00	42.80 -1.42 0.00	42.81 -1.19 0.00	42.77 -1.09 0.00	42.90 -0.92 0.00	43.51 -0.30 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.11 -3.68 -0.01	40.14 -3.59 0.00	39.60 -3.77 0.00	38.76 -3.83 0.00	38.45 -3.57 0.00	40.66 -3.30 0.00	50.82 -4.78 0.00	51.33 -5.65 -1.56	46.33 -5.43 -0.57	40.44 -4.67 -1.07	38.80 -5.13 -0.11	37.97 -5.36 -0.10	36.90 -4.88 -0.10	35.62 -4.64 -0.27	35.57 -4.63 -0.29	37.75 -5.11 -0.61	41.38 -4.71 -2.05	47.84 -4.73 -3.81	44.29 -4.43 -3.48	42.65 -4.38 -2.81	39.90 -4.88 -0.78	39.39 -5.09 -0.61	39.08 -5.08 -0.35	40.18 -4.64 -1.01
EMPIRE_CC_1 323656	45.34 1.49 -0.08	45.17 1.44 0.00	44.76 1.39 0.00	44.13 1.53 0.00	43.53 1.51 0.00	45.58 1.63 0.00	57.66 2.06 0.00	71.92 1.94 -14.56	67.32 1.64 -14.50	55.47 1.45 -9.98	47.95 1.40 -2.73	48.68 1.38 -4.08	45.59 1.37 -2.54	47.77 1.32 -6.47	50.14 1.31 -8.93	56.68 1.44 -12.99	64.12 1.58 -18.49	79.30 1.61 -28.93	73.17 1.49 -26.45	66.98 1.46 -21.30	60.90 1.54 -15.36	58.45 1.49 -13.09	52.55 1.49 -7.24	53.12 1.62 -7.68
EMPIRE_CC_2 323658	45.34 1.49 -0.08	45.17 1.44 0.00	44.76 1.39 0.00	44.13 1.53 0.00	43.53 1.51 0.00	45.58 1.63 0.00	57.66 2.06 0.00	71.92 1.94 -14.56	67.32 1.64 -14.50	55.47 1.45 -9.98	47.95 1.40 -2.73	48.68 1.38 -4.08	45.59 1.37 -2.54	47.77 1.32 -6.47	50.14 1.31 -8.93	56.68 1.44 -12.99	64.12 1.58 -18.49	79.30 1.61 -28.93	73.17 1.49 -26.45	66.98 1.46 -21.30	60.90 1.54 -15.36	58.45 1.49 -13.09	52.55 1.49 -7.24	53.12 1.62 -7.68
ENORWICH_115KV_TB1 80156	47.65 3.85 -0.02	47.45 3.72 0.00	46.71 3.34 0.00	45.84 3.24 0.00	45.34 3.32 0.00	48.13 4.18 0.00	61.83 6.23 0.00	65.40 6.21 -3.77	60.51 5.32 -4.01	50.68 4.05 -2.59	48.54 3.59 -1.13	48.03 3.03 -1.78	45.18 2.46 -1.05	45.04 2.44 -2.62	45.96 2.55 -3.50	50.58 3.17 -5.16	53.42 3.92 -5.46	61.52 5.17 -7.59	57.10 4.93 -6.93	54.49 4.69 -5.59	54.18 4.18 -6.00	53.14 4.08 -5.20	50.14 3.46 -2.86	49.16 3.33 -2.01
ERIE_ST__34_KV_TB1-2 80199	41.07 -2.71 -0.01	41.06 -2.67 0.00	40.51 -2.86 0.00	39.66 -2.94 0.00	39.33 -2.69 0.00	41.62 -2.33 0.00	52.10 -3.50 0.00	51.80 -5.27 -1.64	47.11 -4.81 -0.74	40.63 -4.54 -1.13	39.55 -4.38 -0.12	39.01 -4.32 -0.11	37.41 -4.38 -0.11	35.64 -4.64 -0.29	35.69 -4.55 -0.34	38.61 -4.27 -0.63	41.35 -4.80 -2.11	48.00 -4.68 -3.92	44.39 -4.43 -3.58	42.73 -4.38 -2.89	39.87 -4.93 -0.81	39.80 -4.69 -0.63	39.23 -4.95 -0.36	40.13 -4.73 -1.04
ERIE_WT_PWR 323693	40.59 -3.19 -0.01	40.58 -3.15 0.00	40.03 -3.34 0.00	39.23 -3.37 0.00	38.87 -3.15 0.00	41.14 -2.81 0.00	51.43 -4.17 0.00	51.73 -5.32 -1.62	46.80 -5.01 -0.63	40.79 -4.36 -1.12	39.20 -4.73 -0.11	38.44 -4.88 -0.11	37.24 -4.54 -0.11	35.87 -4.39 -0.28	35.82 -4.73 -0.31	38.14 -4.73 -0.62	41.60 -4.54 -2.10	48.21 -4.44 -3.88	44.63 -4.16 -3.55	43.01 -4.07 -2.86	40.16 -4.62 -0.78	39.74 -4.74 -0.61	39.30 -4.87 -0.35	40.38 -4.47 -1.03
ESPRGFLD_115KV_TB1 80157	46.53 2.76 0.00	46.35 2.62 0.00	45.84 2.47 0.00	45.03 2.43 0.00	44.42 2.40 0.00	47.03 3.08 0.00	60.05 4.45 0.00	60.05 4.43 -0.19	55.37 3.99 -0.20	47.30 3.13 -0.13	46.66 2.80 -0.04	45.83 2.55 -0.06	43.92 2.21 -0.04	42.24 2.16 -0.09	42.30 2.27 -0.13	45.06 2.62 -0.18	47.25 2.95 -0.26	52.87 3.71 -0.41	49.09 3.48 -0.37	47.88 3.36 -0.30	47.25 3.04 -0.22	47.07 3.03 -0.18	46.72 2.80 -0.10	46.56 2.63 -0.11
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.49 0.70 -0.01	44.30 0.57 0.00	43.81 0.43 0.00	43.02 0.43 0.00	42.48 0.46 0.00	44.83 0.88 0.00	56.99 1.39 0.00	59.46 1.33 -2.70	55.35 1.07 -3.09	46.55 0.66 -1.85	45.62 0.35 -1.45	45.74 0.13 -2.39	43.10 0.08 -1.35	43.38 0.08 -3.31	44.41 0.20 -4.30	49.10 0.42 -6.43	49.70 0.79 -4.86	55.48 1.27 -5.45	51.40 1.18 -4.98	49.29 1.06 -4.01	52.17 0.79 -7.38	51.00 0.66 -6.48	47.81 0.44 -3.55	45.70 0.44 -1.45
ETNA____115KV_TB2 80207	44.49 0.70 -0.01	44.30 0.57 0.00	43.81 0.43 0.00	43.02 0.43 0.00	42.48 0.46 0.00	44.83 0.88 0.00	56.99 1.39 0.00	59.46 1.33 -2.70	55.35 1.07 -3.09	46.55 0.66 -1.85	45.62 0.35 -1.45	45.74 0.13 -2.39	43.10 0.08 -1.35	43.38 0.08 -3.31	44.41 0.20 -4.30	49.10 0.42 -6.43	49.70 0.79 -4.86	55.48 1.27 -5.45	51.40 1.18 -4.98	49.29 1.06 -4.01	52.17 0.79 -7.38	51.00 0.66 -6.48	47.81 0.44 -3.55	45.70 0.44 -1.45
EUCLID__115KV_TB2 356179	42.64 -1.14 -0.01	42.51 -1.22 0.00	42.11 -1.26 0.00	41.36 -1.24 0.00	40.80 -1.22 0.00	42.90 -1.05 0.00	54.38 -1.22 0.00	55.30 -1.16 -1.04	51.04 -1.18 -1.04	43.70 -1.06 -0.71	42.74 -1.27 -0.20	42.13 -1.38 -0.29	40.56 -1.29 -0.18	39.25 -1.20 -0.46	39.38 -1.16 -0.64	41.96 -1.23 -0.93	44.35 -1.01 -1.32	49.90 -0.93 -2.07	46.27 -0.86 -1.89	44.86 -0.88 -1.52	44.04 -1.06 -1.10	43.61 -1.18 -0.94	43.11 -1.23 -0.52	43.14 -1.23 -0.55
E_CANADA_CAP_HY 24051	47.19 3.33 -0.09	47.05 3.32 0.00	46.58 3.21 0.00	45.75 3.15 0.00	45.09 3.07 0.00	47.78 3.82 0.00	60.77 5.17 0.00	78.41 5.16 -17.83	73.61 4.66 -17.77	59.91 3.65 -12.22	50.32 3.16 -3.35	51.16 2.94 -5.00	47.33 2.54 -3.11	50.44 2.52 -7.93	53.56 2.71 -10.94	61.30 3.13 -15.92	70.10 3.39 -22.67	88.42 4.19 -35.46	81.59 3.93 -32.42	74.17 3.85 -26.11	66.39 3.56 -18.83	63.51 3.60 -16.05	56.02 3.33 -8.88	56.48 3.24 -9.42
E_CANADA_MHWK_HY 24050	44.39 0.61 0.00	44.34 0.61 0.00	43.98 0.61 0.00	43.24 0.64 0.00	42.65 0.63 0.00	44.79 0.83 0.00	56.71 1.11 0.00	56.53 1.11 0.00	52.20 1.02 0.00	44.83 0.79 0.00	44.43 0.61 0.00	43.83 0.60 0.00	42.21 0.54 0.00	40.55 0.56 0.00	40.42 0.52 0.00	42.84 0.59 0.00	44.79 0.75 0.00	49.64 0.88 0.00	46.05 0.82 0.00	45.02 0.80 0.00	44.66 0.66 0.00	44.56 0.70 0.00	44.48 0.66 0.00	44.52 0.70 0.00
E_FISHKILL__LBMP 23776	46.51 2.67 -0.07	46.00 2.27 0.00	45.54 2.17 0.00	44.73 2.13 0.00	44.04 2.02 0.00	46.46 2.51 0.00	59.27 3.67 0.00	71.64 3.71 -12.50	67.07 3.48 -12.41	55.65 3.08 -8.52	49.23 3.07 -2.34	49.71 2.98 -3.50	46.76 2.92 -2.17	48.30 2.76 -5.56	50.28 2.71 -7.67	56.24 2.83 -11.16	62.88 2.95 -15.89	77.07 3.56 -24.75	71.26 3.30 -22.72	65.66 3.14 -18.30	60.14 2.95 -13.20	58.05 2.94 -11.25	52.98 2.94 -6.22	53.22 2.80 -6.60
FALCON__SEABRD_CC1 323796	44.30 0.53 0.00	44.43 0.70 0.00	44.02 0.65 0.00	43.11 0.51 0.00	42.61 0.59 0.00	44.13 0.18 0.00	55.49 -0.11 0.00	55.53 0.11 0.00	51.18 0.00 0.00	43.95 -0.09 0.00	43.73 -0.09 0.00	43.22 0.00 0.00	41.30 -0.38 0.00	39.43 -0.56 0.00	39.26 -0.64 0.00	41.66 -0.59 0.00	43.33 -0.71 0.00	47.69 -1.07 0.00	44.15 -1.09 0.00	43.16 -1.06 0.00	43.12 -0.88 0.00	43.07 -0.79 0.00	43.20 -0.61 0.00	44.08 0.26 0.00
FALCON__SEABRD_CC2 323797	44.30 0.53 0.00	44.43 0.70 0.00	44.02 0.65 0.00	43.11 0.51 0.00	42.61 0.59 0.00	44.13 0.18 0.00	55.49 -0.11 0.00	55.53 0.11 0.00	51.18 0.00 0.00	43.95 -0.09 0.00	43.73 -0.09 0.00	43.22 0.00 0.00	41.30 -0.38 0.00	39.43 -0.56 0.00	39.26 -0.64 0.00	41.66 -0.59 0.00	43.33 -0.71 0.00	47.69 -1.07 0.00	44.15 -1.09 0.00	43.16 -1.06 0.00	43.12 -0.88 0.00	43.07 -0.79 0.00	43.20 -0.61 0.00	44.08 0.26 0.00

FAR ROCKAWAY___4 23548	58.23 4.33 -10.12	50.36 3.85 -2.78	47.42 3.69 -0.37	47.91 3.58 -1.73	50.68 3.45 -5.22	54.97 4.13 -6.88	69.64 5.89 -8.15	73.66 6.10 -12.14	69.66 5.58 -12.91	60.65 4.89 -11.72	57.12 4.91 -8.40	55.45 4.67 -7.56	49.25 4.58 -2.99	49.70 4.32 -5.39	53.25 4.31 -9.04	57.62 4.52 -10.84	64.13 4.67 -15.42	79.23 5.12 -25.35	72.17 4.89 -22.05	66.54 4.55 -17.76	61.61 4.80 -12.82	59.45 4.65 -10.94	57.06 4.69 -8.55	54.61 4.38 -6.41
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.21 3.37 -0.06	46.57 2.84 0.00	46.06 2.69 0.00	45.20 2.60 0.00	44.50 2.48 0.00	47.12 3.16 0.00	60.27 4.67 0.00	72.45 4.88 -12.15	76.91 4.66 -21.07	63.64 4.05 -15.54	50.29 4.03 -2.44	50.53 3.89 -3.42	49.91 3.83 -4.40	48.99 3.60 -5.41	50.87 3.51 -7.46	56.82 3.72 -10.85	63.27 3.79 -15.44	93.41 4.63 -40.01	71.61 4.30 -22.07	66.07 4.07 -17.78	60.65 3.83 -12.83	58.57 3.77 -10.93	53.69 3.81 -6.06	53.82 3.59 -6.41
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.25 3.41 -0.06	46.57 2.84 0.00	46.06 2.69 0.00	45.20 2.60 0.00	44.50 2.48 0.00	47.12 3.16 0.00	60.33 4.73 0.00	72.45 4.88 -12.15	76.91 4.66 -21.07	63.64 4.05 -15.54	50.29 4.03 -2.44	50.53 3.89 -3.42	49.91 3.83 -4.40	48.99 3.60 -5.41	50.87 3.51 -7.46	56.82 3.72 -10.85	63.27 3.79 -15.44	93.41 4.63 -40.01	71.61 4.30 -22.07	66.07 4.07 -17.78	60.65 3.83 -12.83	58.61 3.82 -10.93	53.69 3.81 -6.06	53.82 3.59 -6.41
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.21 3.37 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.15 2.56 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.27 4.67 0.00	72.45 4.88 -12.15	76.86 4.61 -21.07	63.64 4.05 -15.54	50.25 3.99 -2.44	50.48 3.85 -3.42	49.87 3.79 -4.40	48.95 3.56 -5.41	50.87 3.51 -7.46	56.78 3.68 -10.85	63.22 3.74 -15.44	93.36 4.58 -40.01	71.56 4.25 -22.07	66.02 4.02 -17.78	60.61 3.78 -12.83	58.57 3.77 -10.93	53.64 3.77 -6.06	53.77 3.55 -6.41
FARRAGUT___LBMP 323566	47.17 3.33 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.15 2.56 0.00	44.46 2.44 0.00	47.07 3.12 0.00	60.21 4.61 0.00	72.39 4.82 -12.15	76.81 4.55 -21.07	63.59 4.01 -15.54	50.21 3.94 -2.44	50.44 3.80 -3.42	49.82 3.75 -4.40	48.91 3.52 -5.41	50.83 3.47 -7.46	56.73 3.63 -10.85	63.18 3.70 -15.44	93.31 4.53 -40.01	71.52 4.21 -22.07	66.02 4.02 -17.78	60.61 3.78 -12.83	58.52 3.73 -10.93	53.64 3.77 -6.06	53.73 3.51 -6.41
FENNER___WINDPWR 24204	44.57 0.79 -0.01	44.47 0.74 0.00	44.02 0.65 0.00	43.24 0.64 0.00	42.69 0.67 0.00	45.01 1.05 0.00	57.33 1.73 0.00	58.30 1.33 -1.55	53.86 1.12 -1.56	45.90 0.79 -1.06	44.86 0.57 -0.48	44.41 0.43 -0.76	42.49 0.37 -0.44	41.49 0.40 -1.11	41.80 0.44 -1.46	45.02 0.59 -2.18	47.09 0.79 -2.26	53.03 1.32 -2.96	49.16 1.22 -2.70	47.54 1.15 -2.18	47.35 0.93 -2.43	46.76 0.79 -2.10	45.63 0.66 -1.16	45.22 0.61 -0.79
FIBERTEK___ENERGY 23856	43.21 -0.57 -0.01	43.07 -0.66 0.00	42.68 -0.69 0.00	41.87 -0.72 0.00	41.35 -0.67 0.00	43.47 -0.48 0.00	55.16 -0.44 0.00	56.28 -0.39 -1.24	51.96 -0.46 -1.24	44.41 -0.48 -0.85	43.31 -0.74 -0.23	42.66 -0.91 -0.35	41.06 -0.83 -0.22	39.78 -0.76 -0.55	39.99 -0.68 -0.76	42.69 -0.68 -1.11	45.18 -0.44 -1.58	50.99 -0.24 -2.47	47.27 -0.23 -2.26	45.73 -0.31 -1.82	44.78 -0.53 -1.31	44.37 -0.61 -1.12	43.69 -0.74 -0.62	43.77 -0.70 -0.66
FITZPATRICK___ 23598	41.98 -1.80 0.00	41.94 -1.79 0.00	41.55 -1.82 0.00	40.81 -1.79 0.00	40.26 -1.76 0.00	42.24 -1.71 0.00	53.54 -2.06 0.00	54.11 -2.05 -0.74	49.97 -1.94 -0.73	42.83 -1.72 -0.50	42.07 -1.88 -0.14	41.48 -1.94 -0.21	39.97 -1.83 -0.13	38.60 -1.72 -0.33	38.68 -1.67 -0.45	41.09 -1.82 -0.66	43.30 -1.67 -0.93	48.50 -1.71 -1.45	44.98 -1.58 -1.33	43.74 -1.55 -1.07	43.05 -1.72 -0.77	42.72 -1.80 -0.66	42.34 -1.84 -0.36	42.41 -1.80 -0.39
FLOWRFLD_69_KV_BK1 356044	58.63 4.64 -10.22	50.58 4.07 -2.78	47.68 3.95 -0.37	48.16 3.83 -1.73	50.98 3.74 -5.22	55.27 4.44 -6.88	84.98 6.28 -23.10	90.43 6.21 -28.80	132.50 5.99 -75.33	70.32 5.28 -20.99	68.26 5.21 -19.23	62.98 5.06 -14.70	49.58 4.92 -2.99	50.02 4.64 -5.39	53.71 4.67 -9.14	63.06 4.82 -15.99	96.16 4.67 -47.45	79.72 5.51 -25.45	72.72 5.29 -22.19	67.97 4.95 -18.80	73.13 4.80 -24.34	68.55 4.87 -19.82	65.30 5.04 -16.44	55.05 4.73 -6.50
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.03 3.20 -0.06	46.49 2.76 0.00	46.02 2.65 0.00	45.20 2.60 0.00	44.50 2.48 0.00	46.99 3.03 0.00	59.99 4.39 0.00	72.02 4.32 -12.28	67.51 4.09 -12.24	55.98 3.52 -8.41	49.50 3.37 -2.30	49.91 3.24 -3.44	46.94 3.13 -2.14	48.37 2.92 -5.46	50.39 2.95 -7.53	56.30 3.08 -10.96	62.91 3.26 -15.61	77.13 3.95 -24.42	71.27 3.71 -22.32	65.69 3.49 -17.98	60.31 3.34 -12.97	58.20 3.29 -11.05	53.22 3.29 -6.11	53.41 3.11 -6.48
FORT ORANGE___ 23900	45.47 1.62 -0.08	45.26 1.53 0.00	44.89 1.52 0.00	44.18 1.58 0.00	43.53 1.51 0.00	45.71 1.76 0.00	57.33 1.73 0.00	71.87 1.50 -14.95	67.40 1.33 -14.89	55.34 1.06 -10.25	47.63 1.01 -2.80	48.36 0.95 -4.19	45.24 0.96 -2.61	47.55 0.92 -6.64	49.95 0.88 -9.17	56.52 0.93 -13.34	64.14 1.10 -18.99	79.70 1.22 -29.72	73.53 1.13 -27.16	67.20 1.11 -21.88	60.88 1.10 -15.78	58.32 1.01 -13.45	52.31 1.05 -7.44	53.02 1.31 -7.89
FORT_DRUM_COGEN 23780	43.43 -0.35 0.00	43.29 -0.44 0.00	42.85 -0.52 0.00	42.04 -0.55 0.00	41.56 -0.46 0.00	43.69 -0.26 0.00	55.99 0.39 0.00	57.05 1.00 -0.63	52.52 0.72 -0.62	44.65 0.18 -0.43	43.85 -0.09 -0.12	43.22 -0.17 -0.18	41.37 -0.42 -0.11	39.71 -0.56 -0.28	39.93 -0.36 -0.38	42.68 -0.13 -0.56	45.06 0.22 -0.79	50.34 0.34 -1.24	46.69 0.32 -1.14	45.36 0.22 -0.92	44.61 -0.04 -0.66	44.29 -0.13 -0.56	43.78 -0.35 -0.31	43.67 -0.48 -0.33
FOX_HILLS___ESR 323835	47.52 3.68 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.71 2.69 0.00	47.29 3.34 0.00	60.50 4.89 -0.01	72.56 4.99 -12.15	78.81 4.66 -22.98	65.17 4.05 -17.08	114.21 4.12 -66.27	50.66 4.02 -3.42	57.55 3.88 -12.00	82.19 3.68 -38.52	111.46 3.63 -67.92	77.91 3.76 -31.90	141.60 3.88 -93.68	131.18 4.68 -77.74	154.30 4.43 -104.63	126.82 4.25 -78.36	106.84 4.09 -58.75	75.71 4.04 -27.81	81.32 4.03 -33.47	54.09 3.86 -6.42
FPL_FAR_ROCK_GT1 24212	57.93 4.02 -10.13	50.37 3.85 -2.79	47.43 3.68 -0.37	47.91 3.58 -1.74	50.69 3.45 -5.23	54.93 4.09 -6.89	69.65 5.89 -8.16	73.61 6.04 -12.14	69.64 5.58 -12.88	60.63 4.89 -11.70	57.13 4.91 -8.40	55.46 4.67 -7.57	49.25 4.58 -2.99	49.70 4.32 -5.39	53.26 4.31 -9.05	57.57 4.48 -10.85	64.13 4.67 -15.42	79.18 5.12 -25.30	72.18 4.89 -22.05	66.54 4.56 -17.76	61.57 4.75 -12.82	59.40 4.60 -10.94	57.07 4.69 -8.56	54.60 4.38 -6.41
FPL_FAR_ROCK_GT2 23815	57.93 4.02 -10.13	50.37 3.85 -2.79	47.43 3.68 -0.37	47.91 3.58 -1.74	50.69 3.45 -5.23	54.93 4.09 -6.89	69.65 5.89 -8.16	73.61 6.04 -12.14	69.64 5.58 -12.88	60.63 4.89 -11.70	57.13 4.91 -8.40	55.46 4.67 -7.57	49.25 4.58 -2.99	49.70 4.32 -5.39	53.26 4.31 -9.05	57.57 4.48 -10.85	64.13 4.67 -15.42	79.18 5.12 -25.30	72.18 4.89 -22.05	66.54 4.56 -17.76	61.57 4.75 -12.82	59.40 4.60 -10.94	57.07 4.69 -8.56	54.60 4.38 -6.41

FRANKLIN_FALL_HYD 24054	43.91 0.13 0.00	44.30 0.57 0.00	43.85 0.48 0.00	42.98 0.38 0.00	42.48 0.46 0.00	43.95 0.00 0.00	55.43 -0.17 0.00	55.53 0.11 0.00	51.23 0.05 0.00	44.00 -0.04 0.00	43.86 0.04 0.00	43.35 0.13 0.00	41.47 -0.21 0.00	39.59 -0.40 0.00	39.46 -0.44 0.00	41.87 -0.38 0.00	43.51 -0.53 0.00	47.88 -0.88 0.00	44.38 -0.86 0.00	43.38 -0.84 0.00	43.34 -0.66 0.00	43.25 -0.61 0.00	43.34 -0.48 0.00	43.73 -0.09 0.00
FREEPORT_EQUS_GT1 23764	57.62 3.72 -10.13	50.06 3.54 -2.79	47.13 3.39 -0.37	47.62 3.28 -1.74	50.44 3.19 -5.23	54.67 3.82 -6.89	69.37 5.51 -8.27	73.20 5.60 -12.18	69.75 5.22 -13.35	60.39 4.58 -11.77	56.86 4.56 -8.48	55.26 4.41 -7.62	49.00 4.33 -2.99	49.42 4.04 -5.39	52.98 4.03 -9.05	57.32 4.18 -10.88	63.73 4.27 -15.42	79.28 5.22 -25.30	72.27 4.98 -22.05	66.58 4.60 -17.76	61.23 4.40 -12.83	59.21 4.34 -11.00	56.82 4.38 -8.62	54.30 4.08 -6.41
FREEPORT___CT2 23818	57.62 3.72 -10.13	50.06 3.54 -2.79	47.13 3.39 -0.37	47.62 3.28 -1.74	50.44 3.19 -5.23	54.67 3.82 -6.89	69.37 5.51 -8.27	73.20 5.60 -12.18	69.75 5.22 -13.35	60.39 4.58 -11.77	56.86 4.56 -8.48	55.26 4.41 -7.62	49.00 4.33 -2.99	49.42 4.04 -5.39	52.98 4.03 -9.05	57.32 4.18 -10.88	63.73 4.27 -15.42	79.28 5.22 -25.30	72.27 4.98 -22.05	66.58 4.60 -17.76	61.23 4.40 -12.83	59.21 4.34 -11.00	56.82 4.38 -8.62	54.30 4.08 -6.41
FRESHKLS_33_KV_LOAD 356253	47.48 3.63 -0.07	46.76 3.02 -0.01	46.24 2.86 -0.01	45.38 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.44 4.84 -0.01	72.51 4.93 -12.15	78.66 4.50 -22.98	65.04 3.92 -17.08	109.09 3.99 -61.29	50.57 3.93 -3.42	57.28 3.75 -11.86	79.47 3.56 -35.92	106.54 3.47 -63.17	77.78 3.63 -31.90	141.51 3.79 -93.68	131.08 4.58 -77.74	154.16 4.30 -104.63	126.73 4.16 -78.36	106.75 4.00 -58.75	75.66 3.99 -27.81	81.28 3.99 -33.47	54.05 3.81 -6.42
FULTON COGEN____ 23766	42.55 -1.23 -0.01	42.42 -1.31 0.00	42.03 -1.34 0.00	41.24 -1.36 0.00	40.68 -1.34 0.00	42.72 -1.23 0.00	54.21 -1.39 0.00	55.07 -1.33 -0.97	50.87 -1.28 -0.97	43.52 -1.19 -0.67	42.60 -1.40 -0.18	41.98 -1.51 -0.27	40.43 -1.42 -0.17	39.10 -1.32 -0.43	39.26 -1.24 -0.60	41.81 -1.31 -0.87	44.18 -1.10 -1.24	49.67 -1.02 -1.94	46.06 -0.95 -1.77	44.63 -1.02 -1.43	43.84 -1.19 -1.03	43.47 -1.27 -0.88	42.94 -1.36 -0.48	43.02 -1.31 -0.51
FULTON___LFGE 323630	49.77 5.91 -0.09	49.50 5.77 0.00	49.10 5.72 0.00	48.22 5.62 0.00	47.52 5.50 0.00	50.63 6.68 0.00	64.55 8.95 0.00	81.21 8.75 -17.03	76.13 7.98 -16.97	62.05 6.34 -11.67	52.49 5.48 -3.20	52.92 4.93 -4.77	48.90 4.25 -2.97	51.79 4.24 -7.57	55.02 4.67 -10.45	62.87 5.41 -15.20	71.54 5.86 -21.65	89.65 7.02 -33.86	82.66 6.47 -30.95	75.61 6.46 -24.93	68.05 6.07 -17.98	65.06 5.88 -15.32	57.86 5.57 -8.48	58.29 5.48 -8.99
G.F.CEMENT___DRP 24184	46.57 2.71 -0.08	46.09 2.36 0.00	45.71 2.34 0.00	44.90 2.30 0.00	44.21 2.19 0.00	46.77 2.81 0.00	59.32 3.73 0.00	74.59 3.66 -15.50	69.95 3.33 -15.44	57.35 2.69 -10.62	48.92 2.19 -2.91	49.55 1.99 -4.34	46.05 1.67 -2.71	48.52 1.64 -6.89	51.24 1.84 -9.51	58.16 2.07 -13.83	66.11 2.38 -19.70	82.35 2.78 -30.81	76.03 2.62 -28.17	69.47 2.56 -22.69	62.78 2.42 -16.36	60.09 2.28 -13.94	53.72 2.19 -7.71	54.23 2.23 -8.18
GARDENVILLE___LBMP 24039	40.37 -3.41 -0.01	40.41 -3.32 0.00	39.86 -3.51 0.00	39.02 -3.58 0.00	38.66 -3.36 0.00	40.92 -3.03 0.00	51.21 -4.39 0.00	51.61 -5.43 -1.61	46.50 -5.17 -0.49	40.61 -4.54 -1.11	39.06 -4.86 -0.10	38.22 -5.10 -0.10	37.06 -4.71 -0.10	35.74 -4.52 -0.27	35.66 -4.51 -0.27	37.99 -4.86 -0.60	41.50 -4.62 -2.09	48.06 -4.58 -3.89	44.49 -4.30 -3.55	42.83 -4.25 -2.86	40.02 -4.75 -0.77	39.55 -4.91 -0.60	39.21 -4.95 -0.34	40.29 -4.56 -1.03
GARDNVLA_35_KV_LD 355827	40.63 -3.15 -0.01	40.67 -3.06 0.00	40.08 -3.30 0.00	39.28 -3.32 0.00	38.91 -3.11 0.00	41.18 -2.77 0.00	51.54 -4.06 0.00	51.89 -5.15 -1.62	46.89 -4.96 -0.67	40.88 -4.27 -1.11	39.29 -4.64 -0.11	38.49 -4.84 -0.11	37.32 -4.46 -0.11	35.92 -4.36 -0.29	35.91 -4.31 -0.32	38.22 -4.65 -0.62	41.68 -4.45 -2.09	48.30 -4.34 -3.88	44.67 -4.12 -3.55	43.01 -4.07 -2.86	40.17 -4.62 -0.79	39.74 -4.74 -0.62	39.39 -4.78 -0.35	40.42 -4.43 -1.03
GELCKHM__115KV_LOAD 80723	42.86 -0.92 -0.01	42.72 -1.01 0.00	42.33 -1.04 0.00	41.58 -1.02 0.00	41.01 -1.01 0.00	43.12 -0.84 0.00	54.71 -0.89 0.00	55.65 -0.89 -1.12	51.42 -0.87 -1.11	43.97 -0.84 -0.76	42.98 -1.05 -0.21	42.32 -1.21 -0.31	40.74 -1.13 -0.19	39.48 -1.00 -0.50	39.63 -0.96 -0.68	42.23 -1.01 -1.00	44.66 -0.79 -1.42	50.29 -0.68 -2.22	46.63 -0.63 -2.03	45.19 -0.66 -1.63	44.29 -0.88 -1.18	43.90 -0.96 -1.00	43.32 -1.05 -0.56	43.40 -1.01 -0.59
GENERAL___MILLS 23808	40.55 -3.24 -0.01	40.54 -3.19 0.00	40.03 -3.34 0.00	39.19 -3.41 0.00	38.83 -3.19 0.00	41.10 -2.86 0.00	51.43 -4.17 0.00	51.78 -5.27 -1.62	46.74 -5.07 -0.62	40.75 -4.40 -1.11	39.20 -4.73 -0.11	38.40 -4.93 -0.11	37.19 -4.58 -0.10	35.83 -4.44 -0.28	35.78 -4.43 -0.30	38.13 -4.73 -0.61	41.59 -4.54 -2.09	48.16 -4.49 -3.88	44.58 -4.21 -3.55	42.88 -4.20 -2.86	40.08 -4.71 -0.79	39.70 -4.78 -0.62	39.30 -4.86 -0.35	40.38 -4.47 -1.03
GE_PLASTICS___DRP 24183	45.60 1.75 -0.08	45.22 1.49 0.00	44.85 1.47 0.00	44.09 1.49 0.00	43.45 1.43 0.00	45.67 1.71 0.00	57.49 1.89 0.00	72.10 1.72 -14.95	67.61 1.54 -14.90	55.61 1.32 -10.25	47.89 1.27 -2.80	48.62 1.21 -4.19	45.49 1.21 -2.61	47.75 1.12 -6.64	50.19 1.12 -9.17	56.82 1.23 -13.34	64.36 1.32 -19.00	79.99 1.51 -29.72	73.81 1.40 -27.17	67.47 1.37 -21.88	61.10 1.32 -15.78	58.58 1.27 -13.45	52.53 1.27 -7.44	53.20 1.49 -7.89
GILBOA___1 23756	45.20 1.36 -0.06	45.17 1.44 0.00	44.76 1.39 0.00	43.96 1.36 0.00	43.36 1.34 0.00	45.45 1.50 0.00	57.66 2.06 0.00	69.32 2.05 -11.84	64.88 1.89 -11.81	53.74 1.58 -8.11	47.57 1.53 -2.22	48.01 1.47 -3.32	45.20 1.46 -2.07	46.61 1.36 -5.26	48.53 1.36 -7.27	54.27 1.44 -10.58	60.68 1.58 -15.06	74.12 1.81 -23.56	68.44 1.67 -21.53	63.24 1.68 -17.34	58.04 1.54 -12.51	56.06 1.53 -10.66	51.25 1.53 -5.90	51.56 1.49 -6.25
GILBOA___2 23757	45.20 1.36 -0.06	45.17 1.44 0.00	44.76 1.39 0.00	43.96 1.36 0.00	43.36 1.34 0.00	45.45 1.50 0.00	57.66 2.06 0.00	69.32 2.05 -11.84	64.88 1.89 -11.81	53.74 1.58 -8.11	47.57 1.53 -2.22	48.01 1.47 -3.32	45.20 1.46 -2.07	46.61 1.36 -5.26	48.53 1.36 -7.27	54.27 1.44 -10.58	60.68 1.58 -15.06	74.12 1.81 -23.56	68.44 1.67 -21.53	63.24 1.68 -17.34	58.04 1.54 -12.51	56.06 1.53 -10.66	51.25 1.53 -5.90	51.56 1.49 -6.25
GILBOA___3 23758	45.20 1.36 -0.06	45.17 1.44 0.00	44.76 1.39 0.00	43.96 1.36 0.00	43.36 1.34 0.00	45.45 1.50 0.00	57.66 2.06 0.00	69.32 2.05 -11.84	64.88 1.89 -11.81	53.74 1.58 -8.11	47.57 1.53 -2.22	48.01 1.47 -3.32	45.20 1.46 -2.07	46.61 1.36 -5.26	48.53 1.36 -7.27	54.27 1.44 -10.58	60.68 1.58 -15.06	74.12 1.81 -23.56	68.44 1.67 -21.53	63.24 1.68 -17.34	58.04 1.54 -12.51	56.06 1.53 -10.66	51.25 1.53 -5.90	51.56 1.49 -6.25

GILBOA___4 23759	45.20 1.36 -0.06	45.17 1.44 0.00	44.76 1.39 0.00	43.96 1.36 0.00	43.36 1.34 0.00	45.45 1.50 0.00	57.66 2.06 0.00	69.32 2.05 -11.84	64.88 1.89 -11.81	53.74 1.58 -8.11	47.57 1.53 -2.22	48.01 1.47 -3.32	45.20 1.46 -2.07	46.61 1.36 -5.26	48.53 1.36 -7.27	54.27 1.44 -10.58	60.68 1.58 -15.06	74.12 1.81 -23.56	68.44 1.67 -21.53	63.24 1.68 -17.34	58.04 1.54 -12.51	56.06 1.53 -10.66	51.25 1.53 -5.90	51.56 1.49 -6.25
GILBOA____ 23599	45.37 1.53 -0.06	45.17 1.44 0.00	44.76 1.39 0.00	43.96 1.36 0.00	43.37 1.34 0.00	45.45 1.49 0.00	57.66 2.06 0.00	69.32 2.05 -11.84	64.88 1.89 -11.80	53.74 1.59 -8.11	47.57 1.53 -2.22	48.01 1.47 -3.32	45.20 1.46 -2.07	46.61 1.36 -5.26	48.53 1.36 -7.27	54.26 1.44 -10.58	60.68 1.59 -15.06	74.12 1.80 -23.56	68.44 1.67 -21.53	63.24 1.68 -17.34	58.04 1.54 -12.51	56.06 1.54 -10.66	51.25 1.53 -5.90	51.56 1.49 -6.25
GINNA____ 23603	39.80 -3.98 -0.01	39.71 -4.02 0.00	39.25 -4.12 0.00	38.51 -4.09 0.00	38.07 -3.95 0.00	40.22 -3.74 0.00	50.87 -4.73 0.00	52.40 -4.49 -1.46	48.25 -4.35 -1.43	41.34 -3.70 -1.00	39.52 -4.42 -0.13	38.63 -4.75 -0.16	37.54 -4.25 -0.12	36.52 -3.80 -0.33	36.61 -3.79 -0.50	38.63 -4.31 -0.69	42.00 -3.65 -1.61	47.92 -3.66 -2.82	44.47 -3.35 -2.58	42.93 -3.36 -2.07	41.10 -3.74 -0.84	40.30 -4.25 -0.69	39.86 -4.34 -0.39	40.54 -4.03 -0.75
GLEN PARK____ 23778	43.60 -0.17 0.00	43.47 -0.26 0.00	42.98 -0.39 0.00	42.17 -0.43 0.00	41.68 -0.34 0.00	43.87 -0.09 0.00	56.32 0.72 0.00	57.29 1.28 -0.59	52.74 0.97 -0.59	44.79 0.35 -0.40	44.02 0.09 -0.11	43.34 -0.04 -0.17	41.44 -0.33 -0.10	39.77 -0.48 -0.26	40.03 -0.24 -0.36	42.82 0.04 -0.53	45.18 0.40 -0.75	50.68 0.63 -1.28	47.00 0.59 -1.17	45.65 0.49 -0.95	44.86 0.18 -0.68	44.49 0.04 -0.58	43.92 -0.22 -0.32	43.81 -0.35 -0.34
GLENDALE_27_KV_LOAD 356172	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.47 3.52 0.00	60.78 5.17 -0.01	72.89 5.32 -12.15	79.17 5.02 -22.98	65.48 4.36 -17.08	59.58 4.38 -11.38	50.88 4.24 -3.42	50.68 4.13 -4.88	53.93 3.88 -10.07	59.69 3.83 -15.96	60.11 4.01 -13.84	74.79 4.18 -26.57	97.15 5.02 -43.37	83.75 4.70 -33.81	75.08 4.47 -26.40	62.71 4.22 -14.49	59.59 4.17 -11.56	54.04 4.16 -6.06	54.18 3.94 -6.42
GLENWOOD_IC_1_G5 23712	57.92 4.03 -10.12	50.01 3.50 -2.78	47.08 3.34 -0.37	47.57 3.24 -1.73	50.39 3.15 -5.22	54.66 3.82 -6.88	69.13 5.28 -8.25	73.03 5.43 -12.18	69.64 5.12 -13.34	60.27 4.45 -11.78	56.76 4.47 -8.47	55.29 4.45 -7.61	49.00 4.33 -2.99	49.46 4.08 -5.39	52.86 3.91 -9.04	57.19 4.06 -10.88	63.56 4.10 -15.42	79.28 5.17 -25.35	72.22 4.93 -22.05	66.40 4.42 -17.76	61.09 4.27 -12.83	59.07 4.21 -11.00	56.63 4.21 -8.61	54.12 3.90 -6.41
GLENWOOD_IC_2_G1 23688	57.45 3.54 -10.13	49.89 3.37 -2.79	47.00 3.25 -0.37	47.49 3.15 -1.74	50.27 3.03 -5.23	54.49 3.65 -6.89	69.04 5.28 -8.16	72.94 5.37 -12.14	69.13 5.07 -12.88	60.19 4.45 -11.71	56.65 4.42 -8.41	55.08 4.28 -7.57	48.87 4.21 -2.99	49.34 3.96 -5.39	52.82 3.87 -9.05	57.11 4.02 -10.85	63.56 4.10 -15.42	79.03 4.98 -25.30	72.04 4.75 -22.05	66.36 4.38 -17.76	60.99 4.18 -12.82	58.92 4.12 -10.94	56.59 4.21 -8.56	54.12 3.90 -6.41
GLENWOOD_IC_3_G1 23689	57.45 3.54 -10.13	49.89 3.37 -2.79	47.00 3.25 -0.37	47.49 3.15 -1.74	50.27 3.03 -5.23	54.49 3.65 -6.89	69.04 5.28 -8.16	72.94 5.37 -12.14	69.13 5.07 -12.88	60.19 4.45 -11.71	56.65 4.42 -8.41	55.08 4.28 -7.57	48.87 4.21 -2.99	49.34 3.96 -5.39	52.82 3.87 -9.05	57.11 4.02 -10.85	63.56 4.10 -15.42	79.03 4.98 -25.30	72.04 4.75 -22.05	66.36 4.38 -17.76	60.99 4.18 -12.82	58.92 4.12 -10.94	56.59 4.21 -8.56	54.12 3.90 -6.41
GLENWOOD___4 23550	57.92 4.03 -10.12	50.01 3.50 -2.78	47.08 3.34 -0.37	47.57 3.24 -1.73	50.39 3.15 -5.22	54.66 3.82 -6.88	69.19 5.34 -8.25	73.09 5.49 -12.18	69.69 5.17 -13.34	60.36 4.54 -11.78	56.80 4.51 -8.47	55.29 4.45 -7.61	49.00 4.33 -2.99	49.46 4.08 -5.39	52.90 3.95 -9.04	57.23 4.10 -10.88	63.60 4.14 -15.42	79.28 5.17 -25.35	72.22 4.93 -22.05	66.45 4.47 -17.76	61.14 4.31 -12.83	59.11 4.25 -11.00	56.67 4.25 -8.61	54.17 3.94 -6.41
GLENWOOD___5 23614	57.92 4.03 -10.12	50.01 3.50 -2.78	47.08 3.34 -0.37	47.57 3.24 -1.73	50.39 3.15 -5.22	54.66 3.82 -6.88	69.19 5.34 -8.25	73.09 5.49 -12.18	69.69 5.17 -13.34	60.36 4.54 -11.78	56.80 4.51 -8.47	55.29 4.45 -7.61	49.00 4.33 -2.99	49.46 4.08 -5.39	52.90 3.95 -9.04	57.23 4.10 -10.88	63.60 4.14 -15.42	79.28 5.17 -25.35	72.22 4.93 -22.05	66.45 4.47 -17.76	61.14 4.31 -12.83	59.11 4.25 -11.00	56.67 4.25 -8.61	54.17 3.94 -6.41
GLOBAL GREEN_PORT_GT1 23814	60.02 6.04 -10.20	52.21 5.68 -2.79	49.34 5.60 -0.37	49.79 5.45 -1.74	52.67 5.42 -5.23	57.00 6.15 -6.89	82.94 8.56 -18.78	88.01 8.59 -24.00	116.35 7.93 -57.24	69.20 6.87 -18.29	66.75 6.83 -16.10	62.44 6.57 -12.65	51.00 6.33 -2.99	51.34 5.96 -5.39	55.09 6.06 -9.12	63.05 6.30 -14.50	88.65 6.38 -38.23	81.93 7.80 -25.37	74.76 7.38 -22.15	69.62 6.90 -18.50	71.70 6.68 -21.02	67.82 6.71 -17.25	64.73 6.75 -14.17	56.78 6.48 -6.48
GLOBE___DSASP 323697	38.36 -5.43 -0.01	38.35 -5.38 0.00	37.86 -5.51 0.00	37.10 -5.50 0.00	36.77 -5.25 0.00	38.85 -5.10 0.00	48.43 -7.17 0.00	49.04 -7.81 -1.43	45.31 -6.65 -0.79	38.77 -6.25 -0.98	37.10 -6.84 -0.12	36.08 -7.26 -0.12	35.37 -6.42 -0.11	34.44 -5.84 -0.29	34.39 -5.87 -0.35	36.09 -6.80 -0.64	39.83 -6.17 -1.96	45.96 -6.39 -3.59	42.59 -5.93 -3.28	41.03 -5.84 -2.64	38.56 -6.25 -0.81	37.84 -6.67 -0.64	37.70 -6.49 -0.36	38.86 -5.92 -0.95
GOETHSLN___LBMP 323567	46.99 3.15 -0.06	46.31 2.58 0.00	45.80 2.43 0.00	44.94 2.34 0.00	44.25 2.23 0.00	46.85 2.90 0.00	59.94 4.34 0.00	72.11 4.54 -12.15	76.60 4.35 -21.07	63.37 3.79 -15.54	50.03 3.77 -2.44	50.27 3.63 -3.42	49.70 3.63 -4.40	48.79 3.40 -5.41	50.67 3.31 -7.46	56.56 3.46 -10.85	63.00 3.52 -15.44	93.11 4.34 -40.01	71.34 4.03 -22.07	65.80 3.80 -17.78	60.39 3.56 -12.83	58.35 3.55 -10.93	53.42 3.55 -6.06	53.56 3.33 -6.41
GOLAH___69_KV_TB 1_2 80279	41.33 -2.45 -0.01	41.33 -2.41 0.00	40.81 -2.56 0.00	39.96 -2.64 0.00	39.54 -2.48 0.00	41.84 -2.11 0.00	52.71 -2.89 0.00	53.98 -2.94 -1.49	49.47 -3.02 -1.31	42.47 -2.60 -1.02	40.48 -3.46 -0.12	39.48 -3.89 -0.15	38.58 -3.21 -0.12	37.50 -2.80 -0.32	37.53 -2.83 -0.46	39.46 -3.46 -0.67	43.10 -2.60 -1.66	49.22 -2.49 -2.95	45.67 -2.26 -2.69	44.05 -2.34 -2.17	41.96 -2.86 -0.83	41.20 -3.33 -0.67	41.00 -3.20 -0.38	41.71 -2.89 -0.78
GOODYEAR_LAKE_HYD 323669	45.98 2.19 -0.02	45.74 2.01 0.00	45.28 1.91 0.00	44.43 1.83 0.00	43.87 1.85 0.00	46.28 2.33 0.00	59.10 3.50 0.00	62.76 3.49 -3.84	58.15 3.12 -3.85	49.18 2.51 -2.63	46.87 2.32 -0.73	46.42 2.12 -1.08	44.22 1.88 -0.67	43.54 1.84 -1.72	44.15 1.88 -2.37	47.81 2.11 -3.45	51.33 2.38 -4.91	59.47 3.02 -7.68	55.06 2.80 -7.02	52.62 2.74 -5.66	50.50 2.42 -4.08	49.75 2.41 -3.48	47.98 2.23 -1.92	47.92 2.06 -2.04

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.71 -0.09 -0.02	43.56 -0.17 0.00	43.11 -0.26 0.00	42.30 -0.30 0.00	41.77 -0.25 0.00	44.00 0.04 0.00	55.82 0.22 0.00	59.13 -0.17 -3.88	54.89 -0.20 -3.92	46.34 -0.35 -2.66	44.08 -0.48 -0.74	43.68 -0.65 -1.10	41.74 -0.63 -0.69	41.10 -0.64 -1.75	41.72 -0.60 -2.42	45.31 -0.46 -3.52	48.74 -0.31 -5.01	56.60 0.00 -7.84	52.40 0.00 -7.16	49.95 -0.04 -5.77	47.81 -0.35 -4.16	47.06 -0.35 -3.55	45.30 -0.48 -1.96	45.46 -0.44 -2.08
GOUDEY___7 23579	43.75 -0.04 -0.02	43.60 -0.13 0.00	43.16 -0.22 0.00	42.34 -0.26 0.00	41.81 -0.21 0.00	44.04 0.09 0.00	55.88 0.28 0.00	59.24 -0.06 -3.88	54.94 -0.15 -3.92	46.39 -0.31 -2.66	44.12 -0.44 -0.74	43.72 -0.61 -1.10	41.78 -0.58 -0.69	41.14 -0.60 -1.75	41.76 -0.56 -2.42	45.39 -0.38 -3.52	48.79 -0.26 -5.01	56.65 0.05 -7.84	52.45 0.05 -7.16	49.99 0.00 -5.77	47.85 -0.31 -4.16	47.10 -0.31 -3.55	45.34 -0.44 -1.96	45.50 -0.39 -2.08
GOUDEY___8 23580	43.71 -0.09 -0.02	43.56 -0.17 0.00	43.11 -0.26 0.00	42.30 -0.30 0.00	41.77 -0.25 0.00	44.00 0.04 0.00	55.82 0.22 0.00	59.13 -0.17 -3.88	54.89 -0.20 -3.92	46.34 -0.35 -2.66	44.08 -0.48 -0.74	43.68 -0.65 -1.10	41.74 -0.63 -0.69	41.10 -0.64 -1.75	41.72 -0.60 -2.42	45.31 -0.46 -3.52	48.74 -0.31 -5.01	56.60 0.00 -7.84	52.40 0.00 -7.16	49.95 -0.04 -5.77	47.81 -0.35 -4.16	47.06 -0.35 -3.55	45.30 -0.48 -1.96	45.46 -0.44 -2.08
GOWANUS_GT1_1 24077	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT1_2 24078	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT1_3 24079	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT1_4 24080	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT1_5 24084	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT1_6 24111	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT1_7 24112	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT1_8 24113	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT2_1 24114	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT2_2 24115	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT2_3 24116	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT2_4 24117	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42

GOWANUS_GT2_5 24118	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT2_6 24119	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT2_7 24120	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT2_8 24121	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT3_1 24122	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT3_2 24123	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT3_3 24124	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT3_4 24125	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT3_5 24126	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT3_6 24127	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT3_7 24128	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT3_8 24129	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT4_1 24130	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT4_2 24131	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT4_3 24132	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42

GOWANUS_GT4_4 24133	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT4_5 24134	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT4_6 24135	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT4_7 24136	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GOWANUS_GT4_8 24137	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GREENBSH_115KV_TB3 55895	45.65 1.79 -0.08	45.26 1.53 0.00	44.89 1.52 0.00	44.13 1.53 0.00	43.49 1.47 0.00	45.76 1.80 0.00	57.27 1.67 0.00	72.00 1.55 -15.03	67.53 1.38 -14.97	55.48 1.15 -10.30	47.78 1.14 -2.82	48.47 1.04 -4.21	45.38 1.08 -2.62	47.66 1.00 -6.67	50.11 1.00 -9.21	56.71 1.06 -13.41	64.32 1.19 -19.09	79.94 1.32 -29.86	73.71 1.18 -27.29	67.40 1.19 -21.98	61.00 1.14 -15.86	58.47 1.10 -13.51	52.43 1.14 -7.48	53.19 1.45 -7.93
GREENDGE_115KV_TB5 80291	42.78 -1.01 -0.01	42.86 -0.87 0.00	42.37 -1.00 0.00	41.58 -1.02 0.00	41.10 -0.92 0.00	43.47 -0.48 0.00	55.16 -0.44 0.00	57.11 -0.67 -2.35	54.46 -0.82 -4.10	44.64 -1.01 -1.61	42.03 -1.45 0.34	40.80 -1.73 0.69	39.69 -1.67 0.31	38.01 -1.28 0.70	38.27 -1.20 0.43	39.87 -1.27 1.11	45.19 -0.79 -1.94	53.18 -0.39 -4.81	49.27 -0.36 -4.39	47.27 -0.49 -3.54	42.29 -0.57 1.13	41.69 -1.05 1.12	41.95 -1.27 0.59	43.91 -1.18 -1.28
GREENIDGE___3 23582	42.78 -1.01 -0.01	42.86 -0.87 0.00	42.37 -1.00 0.00	41.58 -1.02 0.00	41.10 -0.92 0.00	43.47 -0.48 0.00	55.16 -0.44 0.00	57.11 -0.67 -2.35	54.46 -0.82 -4.10	44.64 -1.01 -1.61	42.03 -1.45 0.34	40.80 -1.73 0.69	39.69 -1.67 0.31	38.01 -1.28 0.70	38.27 -1.20 0.43	39.87 -1.27 1.11	45.19 -0.79 -1.94	53.18 -0.39 -4.81	49.27 -0.36 -4.39	47.27 -0.49 -3.54	42.29 -0.57 1.13	41.69 -1.05 1.12	41.95 -1.27 0.59	43.91 -1.18 -1.28
GREENIDGE___4 23583	42.69 -1.09 -0.01	42.86 -0.87 0.00	42.38 -1.00 0.00	41.58 -1.02 0.00	41.10 -0.92 0.00	43.47 -0.48 0.00	55.15 -0.45 0.00	57.06 -0.72 -2.36	54.47 -0.82 -4.11	44.65 -1.01 -1.62	42.03 -1.44 0.34	40.80 -1.73 0.69	39.70 -1.67 0.31	38.05 -1.24 0.70	38.28 -1.20 0.43	39.88 -1.27 1.10	45.20 -0.79 -1.95	53.18 -0.39 -4.81	49.27 -0.36 -4.39	47.32 -0.44 -3.54	42.25 -0.62 1.13	41.64 -1.09 1.12	41.91 -1.31 0.59	43.91 -1.18 -1.28
GREENLWN_69_KV_BK 3 55738	58.04 4.16 -10.11	50.14 3.63 -2.78	47.21 3.47 -0.37	47.69 3.37 -1.73	50.52 3.28 -5.22	54.79 3.96 -6.88	68.02 5.78 -6.64	71.13 5.87 -9.83	63.40 5.58 -6.64	59.71 4.89 -10.78	55.98 4.86 -7.30	54.77 4.71 -6.84	49.12 4.46 -2.99	49.54 4.16 -5.39	53.12 4.19 -9.03	57.01 4.44 -10.32	58.88 4.36 -10.48	79.02 4.92 -25.34	72.15 4.89 -22.03	66.42 4.60 -17.60	59.72 4.58 -11.15	58.46 4.56 -10.03	56.21 4.64 -7.75	54.46 4.25 -6.39
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42
GRISSOM___SOLAR 323813	49.77 5.91 -0.09	49.50 5.77 0.00	49.10 5.72 0.00	48.22 5.62 0.00	47.52 5.50 0.00	50.63 6.68 0.00	64.55 8.95 0.00	81.21 8.75 -17.03	76.13 7.98 -16.97	62.05 6.34 -11.67	52.49 5.48 -3.20	52.92 4.93 -4.77	48.90 4.25 -2.97	51.79 4.24 -7.57	55.02 4.67 -10.45	62.87 5.41 -15.20	71.54 5.86 -21.65	89.65 7.02 -33.86	82.66 6.47 -30.95	75.61 6.46 -24.93	68.05 6.07 -17.98	65.06 5.88 -15.32	57.86 5.57 -8.48	58.29 5.48 -8.99
GROVEVILLE___HYD 323602	47.03 3.20 -0.06	46.49 2.76 0.00	46.02 2.65 0.00	45.20 2.60 0.00	44.50 2.48 0.00	46.99 3.03 0.00	59.99 4.39 0.00	72.02 4.32 -12.28	67.51 4.09 -12.24	55.98 3.52 -8.41	49.50 3.37 -2.30	49.91 3.24 -3.44	46.94 3.13 -2.14	48.37 2.92 -5.46	50.39 2.95 -7.53	56.30 3.08 -10.96	62.91 3.26 -15.61	77.13 3.95 -24.42	71.27 3.71 -22.32	65.69 3.49 -17.98	60.31 3.34 -12.97	58.20 3.29 -11.05	53.22 3.29 -6.11	53.41 3.11 -6.48
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.21 -0.57 -0.01	43.07 -0.66 0.00	42.68 -0.69 0.00	41.87 -0.72 0.00	41.35 -0.67 0.00	43.47 -0.48 0.00	55.16 -0.44 0.00	56.28 -0.39 -1.24	51.96 -0.46 -1.24	44.41 -0.48 -0.85	43.31 -0.74 -0.23	42.66 -0.91 -0.35	41.06 -0.83 -0.22	39.78 -0.76 -0.55	39.99 -0.68 -0.76	42.69 -0.68 -1.11	45.18 -0.44 -1.58	50.99 -0.24 -2.47	47.27 -0.23 -2.26	45.73 -0.31 -1.82	44.78 -0.53 -1.31	44.37 -0.61 -1.12	43.69 -0.74 -0.62	43.77 -0.70 -0.66
HAMLTNNY_34_KV_TB 80303	43.21 -0.57 -0.01	43.07 -0.66 0.00	42.64 -0.74 0.00	41.87 -0.72 0.00	41.35 -0.67 0.00	43.51 -0.44 0.00	55.21 -0.39 0.00	56.41 -0.33 -1.32	52.09 -0.41 -1.32	44.46 -0.48 -0.91	43.32 -0.74 -0.25	42.64 -0.95 -0.37	41.03 -0.88 -0.23	39.82 -0.76 -0.59	40.03 -0.68 -0.81	42.71 -0.72 -1.18	45.28 -0.44 -1.68	51.19 -0.20 -2.63	47.46 -0.18 -2.40	45.89 -0.27 -1.93	44.91 -0.48 -1.40	44.39 -0.66 -1.19	43.73 -0.74 -0.66	43.77 -0.74 -0.70

HAMPSHIRE___PAPER_HYD 323593	42.81 -0.96 0.00	42.77 -0.96 0.00	42.38 -1.00 0.00	41.62 -0.98 0.00	41.14 -0.88 0.00	42.94 -1.01 0.00	54.60 -1.00 0.00	55.24 -0.45 -0.26	50.93 -0.51 -0.26	43.56 -0.66 -0.18	43.16 -0.70 -0.05	42.69 -0.61 -0.07	40.89 -0.83 -0.05	39.11 -1.00 -0.12	39.27 -0.80 -0.16	41.77 -0.72 -0.24	43.63 -0.75 -0.33	48.39 -1.03 -0.65	44.88 -0.95 -0.60	43.73 -0.97 -0.48	43.42 -0.93 -0.35	43.23 -0.92 -0.29	42.97 -1.01 -0.16	42.94 -1.05 -0.17
HARDSCRABBLE_WT_PWR 323673	44.26 0.48 0.00	44.21 0.48 0.00	43.85 0.48 0.00	43.11 0.51 0.00	42.57 0.54 0.00	44.70 0.75 0.00	56.60 1.00 0.00	56.42 1.00 0.00	52.10 0.92 0.00	44.74 0.70 0.00	44.35 0.53 0.00	43.74 0.52 0.00	42.13 0.46 0.00	40.47 0.48 0.00	40.34 0.44 0.00	42.76 0.51 0.00	44.70 0.66 0.00	49.54 0.78 0.00	45.96 0.72 0.00	44.88 0.66 0.00	44.57 0.57 0.00	44.43 0.57 0.00	44.39 0.57 0.00	44.43 0.61 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.68 2.85 -0.06	46.14 2.41 0.00	45.67 2.30 0.00	44.77 2.17 0.00	44.12 2.10 0.00	46.59 2.64 0.00	59.49 3.89 0.00	70.79 3.94 -11.43	66.39 3.74 -11.48	55.20 3.26 -7.90	49.08 3.11 -2.15	49.41 2.98 -3.21	46.61 2.92 -2.02	47.79 2.72 -5.08	49.63 2.71 -7.02	55.29 2.83 -10.21	61.57 2.99 -14.53	75.38 3.71 -22.91	69.51 3.48 -20.78	64.23 3.27 -16.74	59.11 3.04 -12.07	57.18 3.03 -10.29	52.53 3.02 -5.69	52.66 2.80 -6.04
HARSNRAD_115KV_TB1 81005	39.45 -4.33 -0.01	39.49 -4.24 0.00	38.95 -4.42 0.00	38.13 -4.47 0.00	37.78 -4.24 0.00	40.00 -3.96 0.00	49.93 -5.67 0.00	50.60 -6.32 -1.49	45.98 -5.99 -0.79	39.96 -5.11 -1.02	38.19 -5.74 -0.11	37.20 -6.14 -0.12	36.36 -5.42 -0.11	35.28 -5.00 -0.29	35.26 -4.99 -0.35	37.18 -5.70 -0.63	40.91 -5.06 -1.93	47.18 -5.12 -3.54	43.68 -4.80 -3.24	42.09 -4.73 -2.61	39.56 -5.24 -0.80	38.88 -5.61 -0.64	38.66 -5.52 -0.36	39.76 -5.00 -0.94
HARZA MOOSE___RIVER 24016	44.43 0.66 0.00	44.30 0.57 0.00	43.89 0.52 0.00	43.07 0.47 0.00	42.57 0.55 0.00	44.79 0.84 0.00	57.16 1.56 0.00	58.46 2.60 -0.43	53.86 2.25 -0.43	45.88 1.54 -0.29	45.13 1.23 -0.08	44.59 1.25 -0.12	42.75 1.00 -0.07	40.90 0.72 -0.19	41.12 0.96 -0.26	43.86 1.23 -0.38	46.08 1.50 -0.54	50.83 1.22 -0.85	47.15 1.13 -0.78	45.91 1.06 -0.63	45.33 0.88 -0.45	45.04 0.79 -0.39	44.64 0.61 -0.21	44.57 0.53 -0.23
HDSNBRDG_115KV_BRDG_TB1 355580	42.82 -0.96 -0.01	42.68 -1.05 0.00	42.29 -1.08 0.00	41.53 -1.06 0.00	40.97 -1.05 0.00	43.12 -0.84 0.00	54.65 -0.95 0.00	55.66 -0.89 -1.13	51.38 -0.92 -1.12	43.93 -0.88 -0.77	42.93 -1.10 -0.21	42.28 -1.25 -0.32	40.75 -1.13 -0.20	39.45 -1.04 -0.50	39.60 -1.00 -0.69	42.20 -1.06 -1.01	44.64 -0.84 -1.43	50.32 -0.68 -2.24	46.65 -0.63 -2.05	45.16 -0.71 -1.65	44.31 -0.88 -1.19	43.87 -1.01 -1.01	43.28 -1.10 -0.56	43.36 -1.05 -0.60
HELLGATE_13_KV_LD 55870	47.48 3.63 -0.07	46.80 3.06 -0.01	46.33 2.95 -0.01	45.46 2.85 -0.01	44.75 2.73 0.00	47.34 3.38 0.00	60.56 4.95 -0.01	72.67 5.10 -12.15	78.92 4.76 -22.98	65.30 4.18 -17.08	59.35 4.16 -11.37	50.66 4.02 -3.42	50.47 3.92 -4.88	53.77 3.72 -10.06	59.53 3.67 -15.96	59.94 3.84 -13.84	74.56 3.96 -26.56	96.91 4.78 -43.37	83.52 4.48 -33.80	74.85 4.25 -26.39	62.49 4.00 -14.49	59.42 3.99 -11.56	53.86 3.99 -6.06	54.00 3.77 -6.42
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.48 3.63 -0.07	46.80 3.06 -0.01	46.33 2.95 -0.01	45.46 2.85 -0.01	44.75 2.73 0.00	47.34 3.38 0.00	60.56 4.95 -0.01	72.67 5.10 -12.15	78.92 4.76 -22.98	65.30 4.18 -17.08	59.35 4.16 -11.37	50.66 4.02 -3.42	50.47 3.92 -4.88	53.77 3.72 -10.06	59.53 3.67 -15.96	59.94 3.84 -13.84	74.56 3.96 -26.56	96.91 4.78 -43.37	83.52 4.48 -33.80	74.85 4.25 -26.39	62.49 4.00 -14.49	59.42 3.99 -11.56	53.86 3.99 -6.06	54.00 3.77 -6.42
HEMPSTEAD____ 23647	57.36 3.46 -10.13	49.80 3.28 -2.79	46.87 3.12 -0.37	47.40 3.07 -1.74	50.19 2.94 -5.23	54.40 3.56 -6.89	69.03 5.17 -8.26	72.87 5.27 -12.18	69.46 4.96 -13.32	60.17 4.36 -11.77	56.64 4.34 -8.48	55.03 4.19 -7.62	48.79 4.13 -2.99	49.26 3.88 -5.39	52.75 3.79 -9.05	57.06 3.93 -10.88	63.47 4.01 -15.42	78.93 4.88 -25.30	71.95 4.66 -22.05	66.27 4.29 -17.76	60.92 4.09 -12.83	58.89 4.03 -11.00	56.55 4.12 -8.62	54.03 3.81 -6.41
HEWLETT__69_KV_BK3 55828	58.01 4.11 -10.12	50.14 3.63 -2.78	47.21 3.47 -0.37	47.69 3.37 -1.73	50.52 3.28 -5.22	54.75 3.91 -6.88	69.31 5.56 -8.15	73.33 5.76 -12.14	69.41 5.32 -12.91	60.43 4.67 -11.72	56.86 4.64 -8.40	55.24 4.45 -7.56	49.04 4.38 -2.99	49.50 4.12 -5.39	53.05 4.11 -9.04	57.41 4.31 -10.84	63.86 4.40 -15.42	79.13 5.02 -25.35	72.08 4.80 -22.05	66.45 4.47 -17.76	61.34 4.53 -12.82	59.19 4.39 -10.94	56.84 4.47 -8.55	54.39 4.16 -6.41
HICKLING___1 23621	43.09 -0.70 -0.02	43.12 -0.61 0.00	42.59 -0.78 0.00	41.79 -0.81 0.00	41.31 -0.71 0.00	43.69 -0.26 0.00	55.21 -0.39 0.00	57.36 -1.05 -2.99	53.85 -1.07 -3.74	44.86 -1.23 -2.05	42.13 -1.49 0.19	41.07 -1.69 0.47	39.87 -1.63 0.18	37.95 -1.68 0.36	38.23 -1.56 0.12	40.51 -1.31 0.44	45.73 -1.15 -2.83	54.20 -0.73 -6.17	50.16 -0.72 -5.64	47.97 -0.80 -4.55	42.52 -1.14 0.34	42.24 -1.18 0.44	42.24 -1.36 0.22	44.23 -1.23 -1.64
HICKLING___2 23622	43.09 -0.70 -0.02	43.12 -0.61 0.00	42.59 -0.78 0.00	41.79 -0.81 0.00	41.31 -0.71 0.00	43.69 -0.26 0.00	55.21 -0.39 0.00	57.36 -1.05 -2.99	53.85 -1.07 -3.74	44.86 -1.23 -2.05	42.13 -1.49 0.19	41.07 -1.69 0.47	39.87 -1.63 0.18	37.95 -1.68 0.36	38.23 -1.56 0.12	40.51 -1.31 0.44	45.73 -1.15 -2.83	54.20 -0.73 -6.17	50.16 -0.72 -5.64	47.97 -0.80 -4.55	42.52 -1.14 0.34	42.24 -1.18 0.44	42.24 -1.36 0.22	44.23 -1.23 -1.64
HIGH FALLS___HY 23754	46.81 2.98 -0.06	46.27 2.54 0.00	45.76 2.39 0.00	44.94 2.34 0.00	44.29 2.27 0.00	46.81 2.86 0.00	60.10 4.50 0.00	72.01 4.43 -12.15	67.49 4.20 -12.11	56.02 3.66 -8.32	49.52 3.42 -2.28	49.87 3.24 -3.41	46.88 3.08 -2.12	48.03 2.64 -5.40	50.03 2.67 -7.46	55.89 2.79 -10.85	62.48 2.99 -15.44	76.73 3.80 -24.16	70.90 3.57 -22.09	65.32 3.32 -17.79	59.95 3.12 -12.83	58.22 3.42 -10.93	53.24 3.37 -6.05	53.30 3.07 -6.42
HILLBURN___GT 23639	46.33 2.49 -0.06	46.05 2.32 0.00	45.63 2.25 0.00	44.77 2.17 0.00	44.12 2.10 0.00	46.55 2.59 0.00	59.55 3.95 0.00	71.10 4.10 -11.57	66.65 3.84 -11.63	55.44 3.39 -8.01	49.32 3.33 -2.17	49.62 3.15 -3.24	46.85 3.13 -2.05	48.05 2.92 -5.14	49.88 2.87 -7.10	55.59 3.00 -10.33	61.88 3.13 -14.71	75.83 3.85 -23.22	69.90 3.62 -21.04	64.57 3.41 -16.95	59.39 3.17 -12.22	57.39 3.11 -10.41	52.74 3.16 -5.76	52.78 2.85 -6.11
HILLSIDE_115KV_TB1 80332	42.65 -1.14 -0.02	42.55 -1.18 0.00	42.07 -1.30 0.00	41.28 -1.32 0.00	40.80 -1.22 0.00	43.07 -0.88 0.00	54.49 -1.11 0.00	56.70 -1.83 -3.11	53.09 -1.79 -3.70	44.37 -1.81 -2.13	41.76 -1.93 0.13	40.82 -2.03 0.37	39.56 -2.00 0.12	37.73 -2.04 0.22	37.95 -2.00 -0.04	40.35 -1.73 0.17	45.36 -1.72 -3.03	53.74 -1.41 -6.40	49.77 -1.31 -5.85	47.56 -1.37 -4.71	42.25 -1.72 0.03	42.02 -1.67 0.17	41.91 -1.84 0.07	43.76 -1.75 -1.70

HISHELDN_WT_PWR 323625	40.55 -3.24 -0.01	40.76 -2.98 0.00	40.25 -3.12 0.00	39.40 -3.20 0.00	39.04 -2.98 0.00	41.32 -2.64 0.00	51.76 -3.84 0.00	52.52 -4.77 -1.86	45.97 -4.45 0.75	41.35 -3.96 -1.28	39.49 -4.38 -0.06	38.56 -4.67 -0.01	37.40 -4.34 -0.06	36.00 -4.16 -0.17	35.77 -4.07 0.06	38.37 -4.35 -0.47	42.26 -4.01 -2.23	49.11 -3.90 -4.25	45.42 -3.71 -3.89	43.77 -3.58 -3.13	40.53 -4.09 -0.62	40.03 -4.30 -0.46	39.70 -4.38 -0.27	41.00 -3.94 -1.13
HOLTSVILLE_IC_1 23690	58.09 4.11 -10.20	50.41 3.89 -2.79	47.56 3.82 -0.37	48.04 3.70 -1.74	50.86 3.61 -5.23	55.06 4.22 -6.89	80.10 5.95 -18.55	85.05 5.87 -23.75	113.10 5.63 -56.29	67.21 5.02 -18.15	64.70 4.95 -15.94	60.56 4.80 -12.54	49.42 4.75 -2.99	49.82 4.44 -5.39	53.49 4.47 -9.12	61.15 4.48 -14.42	86.16 4.36 -37.76	79.35 5.22 -25.37	72.32 4.93 -22.15	67.35 4.64 -18.49	69.29 4.44 -20.85	65.54 4.56 -17.11	62.64 4.78 -14.05	54.85 4.56 -6.47
HOLTSVILLE_IC_10 23699	58.35 4.38 -10.20	50.68 4.16 -2.79	47.78 4.03 -0.37	48.25 3.92 -1.74	51.11 3.86 -5.23	55.33 4.49 -6.89	81.30 6.34 -19.36	86.32 6.26 -24.63	116.84 5.99 -59.68	68.02 5.33 -18.65	65.55 5.21 -16.52	61.20 5.05 -12.93	49.62 4.96 -2.99	50.06 4.68 -5.39	53.73 4.71 -9.13	61.73 4.77 -14.70	88.14 4.67 -39.43	79.74 5.61 -25.37	72.68 5.29 -22.16	67.71 4.95 -18.54	70.20 4.75 -21.45	66.33 4.87 -17.60	63.33 5.04 -14.48	55.12 4.82 -6.48
HOLTSVILLE_IC_2 23691	58.09 4.11 -10.20	50.41 3.89 -2.79	47.56 3.82 -0.37	48.04 3.70 -1.74	50.86 3.61 -5.23	55.06 4.22 -6.89	80.10 5.95 -18.55	85.05 5.87 -23.75	113.10 5.63 -56.29	67.21 5.02 -18.15	64.70 4.95 -15.94	60.56 4.80 -12.54	49.42 4.75 -2.99	49.82 4.44 -5.39	53.49 4.47 -9.12	61.15 4.48 -14.42	86.16 4.36 -37.76	79.35 5.22 -25.37	72.32 4.93 -22.15	67.35 4.64 -18.49	69.29 4.44 -20.85	65.54 4.56 -17.11	62.64 4.78 -14.05	54.85 4.56 -6.47
HOLTSVILLE_IC_3 23692	58.09 4.11 -10.20	50.41 3.89 -2.79	47.56 3.82 -0.37	48.04 3.70 -1.74	50.86 3.61 -5.23	55.06 4.22 -6.89	80.10 5.95 -18.55	85.05 5.87 -23.75	113.10 5.63 -56.29	67.21 5.02 -18.15	64.70 4.95 -15.94	60.56 4.80 -12.54	49.42 4.75 -2.99	49.82 4.44 -5.39	53.49 4.47 -9.12	61.15 4.48 -14.42	86.16 4.36 -37.76	79.35 5.22 -25.37	72.32 4.93 -22.15	67.35 4.64 -18.49	69.29 4.44 -20.85	65.54 4.56 -17.11	62.64 4.78 -14.05	54.85 4.56 -6.47
HOLTSVILLE_IC_4 23693	58.09 4.11 -10.20	50.41 3.89 -2.79	47.56 3.82 -0.37	48.04 3.70 -1.74	50.86 3.61 -5.23	55.06 4.22 -6.89	80.10 5.95 -18.55	85.05 5.87 -23.75	113.10 5.63 -56.29	67.21 5.02 -18.15	64.70 4.95 -15.94	60.56 4.80 -12.54	49.42 4.75 -2.99	49.82 4.44 -5.39	53.49 4.47 -9.12	61.15 4.48 -14.42	86.16 4.36 -37.76	79.35 5.22 -25.37	72.32 4.93 -22.15	67.35 4.64 -18.49	69.29 4.44 -20.85	65.54 4.56 -17.11	62.64 4.78 -14.05	54.85 4.56 -6.47
HOLTSVILLE_IC_5 23694	58.09 4.11 -10.20	50.41 3.89 -2.79	47.56 3.82 -0.37	48.04 3.70 -1.74	50.86 3.61 -5.23	55.06 4.22 -6.89	80.10 5.95 -18.55	85.05 5.87 -23.75	113.10 5.63 -56.29	67.21 5.02 -18.15	64.70 4.95 -15.94	60.56 4.80 -12.54	49.42 4.75 -2.99	49.82 4.44 -5.39	53.49 4.47 -9.12	61.15 4.48 -14.42	86.16 4.36 -37.76	79.35 5.22 -25.37	72.32 4.93 -22.15	67.35 4.64 -18.49	69.29 4.44 -20.85	65.54 4.56 -17.11	62.64 4.78 -14.05	54.85 4.56 -6.47
HOLTSVILLE_IC_6 23695	58.35 4.38 -10.20	50.68 4.16 -2.79	47.78 4.03 -0.37	48.25 3.92 -1.74	51.11 3.86 -5.23	55.33 4.49 -6.89	81.30 6.34 -19.36	86.32 6.26 -24.63	116.84 5.99 -59.68	68.02 5.33 -18.65	65.55 5.21 -16.52	61.20 5.05 -12.93	49.62 4.96 -2.99	50.06 4.68 -5.39	53.73 4.71 -9.13	61.73 4.77 -14.70	88.14 4.67 -39.43	79.74 5.61 -25.37	72.68 5.29 -22.16	67.71 4.95 -18.54	70.20 4.75 -21.45	66.33 4.87 -17.60	63.33 5.04 -14.48	55.12 4.82 -6.48
HOLTSVILLE_IC_7 23696	58.35 4.38 -10.20	50.68 4.16 -2.79	47.78 4.03 -0.37	48.25 3.92 -1.74	51.11 3.86 -5.23	55.33 4.49 -6.89	81.30 6.34 -19.36	86.32 6.26 -24.63	116.84 5.99 -59.68	68.02 5.33 -18.65	65.55 5.21 -16.52	61.20 5.05 -12.93	49.62 4.96 -2.99	50.06 4.68 -5.39	53.73 4.71 -9.13	61.73 4.77 -14.70	88.14 4.67 -39.43	79.74 5.61 -25.37	72.68 5.29 -22.16	67.71 4.95 -18.54	70.20 4.75 -21.45	66.33 4.87 -17.60	63.33 5.04 -14.48	55.12 4.82 -6.48
HOLTSVILLE_IC_8 23697	58.35 4.38 -10.20	50.68 4.16 -2.79	47.78 4.03 -0.37	48.25 3.92 -1.74	51.11 3.86 -5.23	55.33 4.49 -6.89	81.30 6.34 -19.36	86.32 6.26 -24.63	116.84 5.99 -59.68	68.02 5.33 -18.65	65.55 5.21 -16.52	61.20 5.05 -12.93	49.62 4.96 -2.99	50.06 4.68 -5.39	53.73 4.71 -9.13	61.73 4.77 -14.70	88.14 4.67 -39.43	79.74 5.61 -25.37	72.68 5.29 -22.16	67.71 4.95 -18.54	70.20 4.75 -21.45	66.33 4.87 -17.60	63.33 5.04 -14.48	55.12 4.82 -6.48
HOLTSVILLE_IC_9 23698	58.35 4.38 -10.20	50.68 4.16 -2.79	47.78 4.03 -0.37	48.25 3.92 -1.74	51.11 3.86 -5.23	55.33 4.49 -6.89	81.30 6.34 -19.36	86.32 6.26 -24.63	116.84 5.99 -59.68	68.02 5.33 -18.65	65.55 5.21 -16.52	61.20 5.05 -12.93	49.62 4.96 -2.99	50.06 4.68 -5.39	53.73 4.71 -9.13	61.73 4.77 -14.70	88.14 4.67 -39.43	79.74 5.61 -25.37	72.68 5.29 -22.16	67.71 4.95 -18.54	70.20 4.75 -21.45	66.33 4.87 -17.60	63.33 5.04 -14.48	55.12 4.82 -6.48
HOMER_HL_115KV_TB2 355744	41.77 -2.01 -0.01	41.68 -2.06 0.00	41.12 -2.26 0.00	40.26 -2.34 0.00	39.92 -2.10 0.00	42.24 -1.71 0.00	53.04 -2.56 0.00	52.43 -4.82 -1.83	47.93 -4.30 -1.05	40.93 -4.36 -1.25	40.14 -3.81 -0.13	39.85 -3.50 -0.13	37.88 -3.92 -0.12	35.80 -4.52 -0.33	35.89 -4.43 -0.41	38.87 -3.89 -0.51	41.25 -5.02 -2.23	48.23 -4.78 -4.25	44.56 -4.57 -3.89	42.80 -4.55 -3.13	39.62 -5.06 -0.68	39.90 -4.47 -0.51	39.16 -4.95 -0.30	40.08 -4.86 -1.13
HOWARD_WT_PWR 323690	40.77 -3.02 -0.01	42.77 -0.96 0.00	42.29 -1.08 0.00	41.45 -1.15 0.00	41.01 -1.01 0.00	43.47 -0.48 0.00	54.88 -0.72 0.00	56.54 -1.38 -2.50	56.62 -1.38 -6.82	44.13 -1.63 -1.72	41.45 -2.06 0.31	40.16 -2.42 0.65	39.10 -2.29 0.28	37.12 -2.24 0.63	37.89 -2.08 -0.06	39.94 -1.65 0.66	45.06 -1.28 -2.30	53.18 -0.78 -5.20	49.13 -0.86 -4.76	47.17 -0.88 -3.83	41.96 -1.41 0.63	41.69 -1.49 0.68	41.76 -1.71 0.35	43.71 -1.49 -1.38
HQ_GEN_CEDARS 23644	43.38 -0.39 0.00	43.69 -0.04 0.00	43.33 -0.04 0.00	42.56 -0.04 0.00	42.02 0.00 0.00	43.51 -0.44 0.00	54.82 -0.78 0.00	54.76 -0.67 0.00	50.67 -0.51 0.00	43.60 -0.44 0.00	43.60 -0.22 0.00	43.18 -0.04 0.00	41.51 -0.17 0.00	39.75 -0.24 0.00	39.66 -0.24 0.00	42.00 -0.25 0.00	43.51 -0.53 0.00	47.88 -0.88 0.00	44.42 -0.81 0.00	43.47 -0.75 0.00	43.51 -0.48 0.00	43.47 -0.39 0.00	43.56 -0.26 0.00	43.56 -0.26 0.00
HQ_GEN_CEDARS_PROXY 323590	43.64 -0.13 0.00	43.69 -0.04 0.00	43.33 -0.04 0.00	42.56 -0.04 0.00	42.02 0.00 0.00	43.56 -0.40 0.00	54.82 -0.78 0.00	55.39 -0.61 -0.58	50.09 -0.51 0.58	43.60 -0.44 0.00	43.60 -0.22 0.00	43.18 -0.04 0.00	41.51 -0.17 0.00	39.75 -0.24 0.00	39.66 -0.24 0.00	42.00 -0.25 0.00	43.51 -0.53 0.00	47.88 -0.88 0.00	44.42 -0.81 0.00	43.47 -0.75 0.00	43.51 -0.48 0.00	43.51 -0.35 0.00	43.56 -0.26 0.00	43.56 -0.26 0.00

HQ_GEN_IMPORT 323601	43.60 -0.17 0.00	43.60 -0.13 0.00	43.33 -0.04 0.00	42.56 -0.04 0.00	41.98 -0.04 0.00	43.60 -0.35 0.00	54.88 -0.72 0.00	55.34 -0.66 -0.58	50.04 -0.56 0.58	43.60 -0.44 0.00	43.60 -0.22 0.00	43.14 -0.09 0.00	41.55 -0.12 0.00	39.83 -0.16 0.00	39.70 -0.20 0.00	42.08 -0.17 0.00	43.60 -0.44 0.00	48.03 -0.73 0.00	44.56 -0.68 0.00	43.60 -0.62 0.00	43.60 -0.40 0.00	43.60 -0.26 0.00	43.60 -0.22 0.00	43.60 -0.22 0.00
HQ_GEN_WHEEL 23651	43.60 -0.17 0.00	43.60 -0.13 0.00	43.33 -0.04 0.00	42.56 -0.04 0.00	41.98 -0.04 0.00	43.60 -0.35 0.00	54.88 -0.72 0.00	55.34 -0.66 -0.58	50.04 -0.56 0.58	43.60 -0.44 0.00	43.60 -0.22 0.00	43.14 -0.09 0.00	41.55 -0.12 0.00	39.83 -0.16 0.00	39.70 -0.20 0.00	42.08 -0.17 0.00	43.60 -0.44 0.00	48.03 -0.73 0.00	44.56 -0.68 0.00	43.60 -0.62 0.00	43.60 -0.40 0.00	43.60 -0.26 0.00	43.60 -0.22 0.00	43.60 -0.22 0.00
HUDSON AVE_GT_3 23810	47.25 3.41 -0.06	46.57 2.84 0.00	46.06 2.69 0.00	45.20 2.60 0.00	44.50 2.48 0.00	47.12 3.16 0.00	60.33 4.73 0.00	72.45 4.88 -12.15	76.91 4.66 -21.07	63.64 4.05 -15.54	50.29 4.03 -2.44	50.53 3.89 -3.42	49.91 3.83 -4.40	48.99 3.60 -5.41	50.91 3.55 -7.46	56.82 3.72 -10.85	63.27 3.79 -15.44	93.41 4.63 -40.01	71.61 4.30 -22.07	66.07 4.07 -17.78	60.65 3.83 -12.83	58.61 3.82 -10.93	53.69 3.81 -6.06	53.82 3.59 -6.41
HUDSON AVE_GT_4 23540	47.25 3.41 -0.06	46.57 2.84 0.00	46.06 2.69 0.00	45.20 2.60 0.00	44.50 2.48 0.00	47.12 3.16 0.00	60.33 4.73 0.00	72.45 4.88 -12.15	76.91 4.66 -21.07	63.64 4.05 -15.54	50.29 4.03 -2.44	50.53 3.89 -3.42	49.91 3.83 -4.40	48.99 3.60 -5.41	50.91 3.55 -7.46	56.82 3.72 -10.85	63.27 3.79 -15.44	93.41 4.63 -40.01	71.61 4.30 -22.07	66.07 4.07 -17.78	60.65 3.83 -12.83	58.61 3.82 -10.93	53.69 3.81 -6.06	53.82 3.59 -6.41
HUDSON AVE_GT_5 23657	47.25 3.41 -0.06	46.57 2.84 0.00	46.06 2.69 0.00	45.20 2.60 0.00	44.50 2.48 0.00	47.12 3.16 0.00	60.33 4.73 0.00	72.45 4.88 -12.15	76.91 4.66 -21.07	63.64 4.05 -15.54	50.29 4.03 -2.44	50.53 3.89 -3.42	49.91 3.83 -4.40	48.99 3.60 -5.41	50.91 3.55 -7.46	56.82 3.72 -10.85	63.27 3.79 -15.44	93.41 4.63 -40.01	71.61 4.30 -22.07	66.07 4.07 -17.78	60.65 3.83 -12.83	58.61 3.82 -10.93	53.69 3.81 -6.06	53.82 3.59 -6.41
HUDSON_AVE_10 24168	47.17 3.33 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.42 2.40 0.00	47.03 3.08 0.00	60.21 4.61 0.00	72.39 4.82 -12.15	76.81 4.55 -21.07	63.59 4.01 -15.54	50.25 3.99 -2.44	50.48 3.85 -3.42	49.87 3.79 -4.40	48.95 3.56 -5.41	50.83 3.47 -7.46	56.78 3.68 -10.85	63.22 3.74 -15.44	93.36 4.58 -40.01	71.61 4.30 -22.07	66.07 4.07 -17.78	60.61 3.78 -12.83	58.57 3.77 -10.93	53.64 3.77 -6.06	53.73 3.51 -6.41
HUDSON___115KV_TB 4 355613	46.57 2.71 -0.08	46.14 2.41 0.00	45.80 2.43 0.00	44.98 2.39 0.00	44.33 2.31 0.00	46.72 2.77 0.00	58.60 3.00 0.00	72.51 2.44 -14.65	67.97 2.20 -14.59	55.84 1.76 -10.04	48.05 1.49 -2.75	48.66 1.34 -4.10	45.48 1.25 -2.56	47.69 1.20 -6.51	50.16 1.28 -8.98	56.76 1.44 -13.07	64.36 1.72 -18.61	79.82 1.95 -29.11	73.70 1.85 -26.61	67.46 1.81 -21.43	61.17 1.72 -15.46	58.66 1.62 -13.17	52.73 1.62 -7.29	53.48 1.93 -7.73
HUNTER MOUNT___DRP 323613	46.96 3.11 -0.07	46.49 2.76 0.00	46.15 2.78 0.00	45.37 2.77 0.00	44.67 2.65 0.00	47.12 3.16 0.00	59.05 3.45 0.00	72.21 2.55 -14.24	67.67 2.30 -14.18	55.51 1.72 -9.76	47.80 1.31 -2.67	48.33 1.12 -3.99	45.16 1.00 -2.49	47.35 1.04 -6.32	49.83 1.20 -8.73	56.31 1.35 -12.71	63.80 1.67 -18.09	78.91 1.85 -28.30	72.91 1.81 -25.87	66.78 1.72 -20.83	60.74 1.72 -15.03	58.25 1.58 -12.81	52.44 1.53 -7.08	53.26 1.93 -7.51
HUNTINGTON_RES_REC 323705	57.88 4.02 -10.08	50.33 3.80 -2.79	47.43 3.68 -0.37	47.91 3.58 -1.74	50.73 3.49 -5.23	54.97 4.13 -6.89	62.80 6.01 -1.19	65.22 5.99 -3.81	40.75 5.73 16.16	56.48 5.06 -7.38	52.17 4.99 -3.35	52.30 4.84 -4.24	49.29 4.63 -2.99	49.74 4.36 -5.39	53.29 4.39 -9.00	55.26 4.56 -8.44	47.49 4.49 1.05	79.23 5.22 -25.25	72.33 5.11 -21.98	66.22 4.78 -17.23	55.61 4.62 -6.99	55.35 4.70 -6.79	53.52 4.82 -4.88	54.64 4.47 -6.35
HUNTLEY___63 23557	39.84 -3.94 -0.01	39.84 -3.89 0.00	39.30 -4.08 0.00	38.47 -4.13 0.00	38.11 -3.91 0.00	40.35 -3.60 0.00	50.37 -5.23 0.00	50.95 -5.99 -1.51	46.51 -5.43 -0.75	40.23 -4.84 -1.04	38.50 -5.43 -0.11	37.55 -5.79 -0.12	36.66 -5.13 -0.11	35.52 -4.76 -0.29	35.45 -4.79 -0.34	37.43 -5.45 -0.63	41.14 -4.89 -1.99	47.54 -4.88 -3.66	44.01 -4.57 -3.34	42.36 -4.55 -2.69	39.74 -5.06 -0.80	39.14 -5.35 -0.63	38.87 -5.30 -0.36	39.97 -4.82 -0.97
HUNTLEY___64 23558	39.84 -3.94 -0.01	39.84 -3.89 0.00	39.30 -4.08 0.00	38.47 -4.13 0.00	38.11 -3.91 0.00	40.35 -3.60 0.00	50.37 -5.23 0.00	50.95 -5.99 -1.51	46.51 -5.43 -0.75	40.23 -4.84 -1.04	38.50 -5.43 -0.11	37.55 -5.79 -0.12	36.66 -5.13 -0.11	35.52 -4.76 -0.29	35.45 -4.79 -0.34	37.43 -5.45 -0.63	41.14 -4.89 -1.99	47.54 -4.88 -3.66	44.01 -4.57 -3.34	42.36 -4.55 -2.69	39.74 -5.06 -0.80	39.14 -5.35 -0.63	38.87 -5.30 -0.36	39.97 -4.82 -0.97
HUNTLEY___65 23559	39.84 -3.94 -0.01	39.84 -3.89 0.00	39.30 -4.08 0.00	38.47 -4.13 0.00	38.11 -3.91 0.00	40.35 -3.60 0.00	50.37 -5.23 0.00	50.95 -5.99 -1.51	46.51 -5.43 -0.75	40.23 -4.84 -1.04	38.50 -5.43 -0.11	37.55 -5.79 -0.12	36.66 -5.13 -0.11	35.52 -4.76 -0.29	35.45 -4.79 -0.34	37.43 -5.45 -0.63	41.14 -4.89 -1.99	47.54 -4.88 -3.66	44.01 -4.57 -3.34	42.36 -4.55 -2.69	39.74 -5.06 -0.80	39.14 -5.35 -0.63	38.87 -5.30 -0.36	39.97 -4.82 -0.97
HUNTLEY___66 23560	39.84 -3.94 -0.01	39.84 -3.89 0.00	39.30 -4.08 0.00	38.47 -4.13 0.00	38.11 -3.91 0.00	40.35 -3.60 0.00	50.37 -5.23 0.00	50.95 -5.99 -1.51	46.51 -5.43 -0.75	40.23 -4.84 -1.04	38.50 -5.43 -0.11	37.55 -5.79 -0.12	36.66 -5.13 -0.11	35.52 -4.76 -0.29	35.45 -4.79 -0.34	37.43 -5.45 -0.63	41.14 -4.89 -1.99	47.54 -4.88 -3.66	44.01 -4.57 -3.34	42.36 -4.55 -2.69	39.74 -5.06 -0.80	39.14 -5.35 -0.63	38.87 -5.30 -0.36	39.97 -4.82 -0.97
HUNTLEY___67 23561	39.71 -4.07 -0.01	39.71 -4.02 0.00	39.21 -4.16 0.00	38.38 -4.22 0.00	38.03 -3.99 0.00	40.26 -3.69 0.00	50.26 -5.34 0.00	50.84 -6.10 -1.51	45.94 -5.89 -0.64	40.10 -4.98 -1.04	38.45 -5.48 -0.11	37.54 -5.79 -0.11	36.57 -5.21 -0.10	35.39 -4.88 -0.28	35.35 -4.87 -0.31	37.38 -5.49 -0.62	41.09 -4.98 -2.02	47.48 -5.02 -3.74	43.95 -4.70 -3.42	42.33 -4.64 -2.75	39.64 -5.15 -0.79	39.09 -5.39 -0.62	38.83 -5.35 -0.35	39.90 -4.91 -0.99
HUNTLEY___68 23562	39.71 -4.07 -0.01	39.71 -4.02 0.00	39.21 -4.16 0.00	38.38 -4.22 0.00	38.03 -3.99 0.00	40.26 -3.69 0.00	50.26 -5.34 0.00	50.84 -6.10 -1.51	45.94 -5.89 -0.64	40.10 -4.98 -1.04	38.45 -5.48 -0.11	37.54 -5.79 -0.11	36.57 -5.21 -0.10	35.39 -4.88 -0.28	35.35 -4.87 -0.31	37.38 -5.49 -0.62	41.09 -4.98 -2.02	47.48 -5.02 -3.74	43.95 -4.70 -3.42	42.33 -4.64 -2.75	39.64 -5.15 -0.79	39.09 -5.39 -0.62	38.83 -5.35 -0.35	39.90 -4.91 -0.99

HYLAND___LFGE 323620	43.39 -0.39 -0.01	43.64 -0.09 0.00	43.07 -0.30 0.00	42.21 -0.38 0.00	41.77 -0.25 0.00	44.39 0.44 0.00	56.27 0.67 0.00	58.23 0.78 -2.04	57.58 0.46 -5.94	45.30 -0.13 -1.40	42.57 -1.23 0.02	41.31 -1.77 0.13	40.16 -1.50 0.02	38.70 -1.28 0.00	39.51 -1.12 -0.73	41.53 -0.93 -0.21	46.28 0.13 -2.11	53.93 0.97 -4.20	50.07 0.99 -3.84	48.11 0.80 -3.09	44.46 0.13 -0.33	43.67 -0.40 -0.20	43.24 -0.70 -0.13	44.49 -0.44 -1.11
INDECK___CORINTH 23802	45.69 1.84 -0.08	45.35 1.62 0.00	45.02 1.65 0.00	44.18 1.58 0.00	43.49 1.47 0.00	45.98 2.02 0.00	58.43 2.83 0.00	73.67 2.72 -15.53	69.21 2.56 -15.47	56.67 1.98 -10.64	48.26 1.53 -2.91	48.91 1.34 -4.35	45.43 1.04 -2.71	47.93 1.04 -6.90	50.66 1.24 -9.52	57.55 1.44 -13.86	65.44 1.67 -19.73	81.63 2.00 -30.87	75.35 1.90 -28.21	68.84 1.90 -22.72	62.15 1.76 -16.39	59.41 1.58 -13.97	53.04 1.49 -7.73	53.55 1.53 -8.20
INDECK___ILION 23567	44.43 0.66 0.00	44.30 0.57 0.00	43.94 0.56 0.00	43.15 0.55 0.00	42.57 0.55 0.00	44.70 0.75 0.00	56.66 1.06 0.00	56.48 1.05 0.00	52.10 0.92 0.00	44.79 0.75 0.00	44.39 0.57 0.00	43.83 0.61 0.00	42.22 0.54 0.00	40.51 0.52 0.00	40.42 0.52 0.00	42.84 0.59 0.00	44.75 0.70 0.00	49.64 0.88 0.00	46.05 0.81 0.00	45.02 0.80 0.00	44.66 0.66 0.00	44.52 0.66 0.00	44.43 0.61 0.00	44.43 0.61 0.00
INDECK___OLEAN 23982	41.64 -2.14 -0.01	41.68 -2.05 0.00	41.12 -2.26 0.00	40.26 -2.34 0.00	39.92 -2.10 0.00	42.19 -1.76 0.00	53.04 -2.56 0.00	52.38 -4.88 -1.83	47.94 -4.30 -1.06	40.94 -4.36 -1.26	40.09 -3.86 -0.13	39.86 -3.50 -0.13	37.88 -3.92 -0.12	35.80 -4.52 -0.33	35.93 -4.39 -0.42	38.79 -3.97 -0.52	41.26 -5.02 -2.24	48.24 -4.78 -4.25	44.56 -4.57 -3.89	42.93 -4.42 -3.13	39.62 -5.06 -0.68	39.94 -4.43 -0.51	39.38 -4.73 -0.29	40.08 -4.87 -1.13
INDECK___OSWEGO 23783	42.38 -1.40 0.00	42.29 -1.44 0.00	41.90 -1.47 0.00	41.15 -1.45 0.00	40.55 -1.47 0.00	42.24 -1.71 0.00	53.54 -2.06 0.00	54.43 -1.94 -0.95	50.23 -1.89 -0.94	43.02 -1.67 -0.65	42.16 -1.84 -0.18	41.54 -1.94 -0.27	40.01 -1.83 -0.17	38.69 -1.72 -0.42	38.81 -1.67 -0.58	41.36 -1.73 -0.84	43.61 -1.63 -1.20	48.98 -1.66 -1.87	45.41 -1.54 -1.71	44.10 -1.50 -1.38	43.32 -1.67 -1.00	42.91 -1.80 -0.85	42.45 -1.84 -0.47	42.48 -1.84 -0.50
INDECK___YERKES 23781	39.89 -3.90 -0.01	39.88 -3.85 0.00	39.34 -4.03 0.00	38.51 -4.09 0.00	38.16 -3.87 0.00	40.44 -3.52 0.00	50.43 -5.17 0.00	51.01 -5.93 -1.52	46.56 -5.37 -0.76	40.24 -4.84 -1.04	38.50 -5.44 -0.12	37.59 -5.75 -0.12	36.70 -5.09 -0.11	35.56 -4.72 -0.29	35.50 -4.75 -0.34	37.48 -5.41 -0.63	41.19 -4.84 -2.00	47.59 -4.83 -3.66	44.01 -4.57 -3.34	42.49 -4.42 -2.69	39.87 -4.93 -0.80	39.18 -5.31 -0.63	38.78 -5.39 -0.36	40.01 -4.77 -0.97
INDIAN POINT_GT_1 24139	46.73 2.89 -0.06	46.14 2.41 0.00	45.67 2.30 0.00	44.81 2.22 0.00	44.12 2.10 0.00	46.63 2.68 0.00	59.60 4.00 0.00	71.58 4.16 -12.00	67.58 3.94 -12.46	56.10 3.44 -8.62	49.50 3.42 -2.26	49.87 3.28 -3.36	47.10 3.21 -2.22	48.36 3.04 -5.33	50.22 2.95 -7.36	56.05 3.08 -10.71	62.46 3.17 -15.25	77.51 3.95 -24.80	70.71 3.66 -21.81	65.24 3.45 -17.57	59.92 3.26 -12.67	57.86 3.20 -10.80	53.03 3.24 -5.97	53.13 2.98 -6.34
INDIAN POINT_GT_2 23659	46.73 2.89 -0.06	46.14 2.41 0.00	45.67 2.30 0.00	44.81 2.22 0.00	44.12 2.10 0.00	46.63 2.68 0.00	59.60 4.00 0.00	71.58 4.16 -12.00	67.58 3.94 -12.46	56.10 3.44 -8.62	49.50 3.42 -2.26	49.87 3.28 -3.36	47.10 3.21 -2.22	48.36 3.04 -5.33	50.22 2.95 -7.36	56.05 3.08 -10.71	62.46 3.17 -15.25	77.51 3.95 -24.80	70.71 3.66 -21.81	65.24 3.45 -17.57	59.92 3.26 -12.67	57.86 3.20 -10.80	53.03 3.24 -5.97	53.13 2.98 -6.34
INDIAN POINT_GT_3 24019	46.73 2.89 -0.06	46.14 2.41 0.00	45.67 2.30 0.00	44.81 2.22 0.00	44.12 2.10 0.00	46.63 2.68 0.00	59.60 4.00 0.00	71.58 4.16 -12.00	67.58 3.94 -12.46	56.10 3.44 -8.62	49.50 3.42 -2.26	49.87 3.28 -3.36	47.10 3.21 -2.22	48.36 3.04 -5.33	50.22 2.95 -7.36	56.05 3.08 -10.71	62.46 3.17 -15.25	77.51 3.95 -24.80	70.71 3.66 -21.81	65.24 3.45 -17.57	59.92 3.26 -12.67	57.86 3.20 -10.80	53.03 3.24 -5.97	53.13 2.98 -6.34
INDIAN POINT___2 23530	46.33 2.49 -0.06	46.05 2.32 0.00	45.58 2.21 0.00	44.73 2.13 0.00	44.04 2.02 0.00	46.50 2.55 0.00	59.43 3.83 0.00	71.28 3.99 -11.86	67.22 3.79 -12.26	55.82 3.30 -8.48	49.34 3.29 -2.23	49.70 3.15 -3.33	46.98 3.13 -2.18	48.18 2.92 -5.27	50.05 2.87 -7.28	55.84 3.00 -10.59	62.25 3.13 -15.08	76.98 3.81 -24.41	70.37 3.57 -21.56	64.94 3.36 -17.37	59.65 3.12 -12.52	57.60 3.07 -10.67	52.83 3.11 -5.91	52.97 2.89 -6.26
INDIAN POINT___3 23531	46.68 2.85 -0.06	46.09 2.36 0.00	45.63 2.26 0.00	44.77 2.17 0.00	44.08 2.06 0.00	46.59 2.64 0.00	59.49 3.89 0.00	71.47 4.05 -12.00	67.46 3.84 -12.44	56.00 3.35 -8.61	49.41 3.33 -2.26	49.78 3.20 -3.36	47.06 3.17 -2.22	48.28 2.96 -5.33	50.18 2.91 -7.36	56.01 3.04 -10.71	62.42 3.13 -15.25	77.38 3.85 -24.77	70.62 3.57 -21.81	65.19 3.40 -17.57	59.84 3.17 -12.67	57.82 3.16 -10.80	52.95 3.15 -5.98	53.09 2.94 -6.34
INGHAM_C_115KV_TB7 356103	44.43 0.66 0.00	44.34 0.61 0.00	43.98 0.61 0.00	43.24 0.64 0.00	42.65 0.63 0.00	44.79 0.84 0.00	56.71 1.11 0.00	56.53 1.11 0.00	52.20 1.02 0.00	44.83 0.79 0.00	44.43 0.61 0.00	43.83 0.61 0.00	42.22 0.54 0.00	40.55 0.56 0.00	40.42 0.52 0.00	42.84 0.59 0.00	44.79 0.75 0.00	49.64 0.88 0.00	46.05 0.81 0.00	45.02 0.80 0.00	44.66 0.66 0.00	44.56 0.70 0.00	44.52 0.70 0.00	44.52 0.70 0.00
IP CORINTH___1 23988	46.09 2.23 -0.08	45.61 1.88 0.00	45.24 1.87 0.00	44.43 1.83 0.00	43.74 1.72 0.00	46.28 2.33 0.00	58.71 3.11 0.00	74.00 3.05 -15.53	69.46 2.81 -15.47	56.93 2.25 -10.64	48.48 1.75 -2.91	49.13 1.56 -4.35	45.68 1.29 -2.71	48.17 1.28 -6.90	50.86 1.44 -9.52	57.76 1.65 -13.86	65.71 1.94 -19.73	81.92 2.29 -30.87	75.62 2.17 -28.21	69.07 2.12 -22.72	62.37 1.98 -16.39	59.67 1.84 -13.97	53.25 1.71 -7.73	53.77 1.75 -8.20
IP___TICONDEROGA 23804	48.32 4.46 -0.08	47.71 3.98 0.00	47.36 3.99 0.00	46.43 3.83 0.00	45.68 3.66 0.00	48.66 4.70 0.00	61.77 6.17 0.00	76.98 6.04 -15.51	72.26 5.63 -15.45	59.21 4.54 -10.63	50.36 3.64 -2.91	50.81 3.24 -4.35	47.09 2.71 -2.71	49.52 2.64 -6.89	52.37 2.95 -9.51	59.43 3.34 -13.84	67.54 3.79 -19.71	84.08 4.49 -30.83	77.63 4.21 -28.18	71.08 4.16 -22.70	64.24 3.87 -16.37	61.45 3.64 -13.95	55.00 3.46 -7.72	55.55 3.55 -8.19
ISLIP_RES_REC 323679	58.61 4.64 -10.20	50.90 4.37 -2.79	48.00 4.25 -0.37	48.47 4.13 -1.74	51.32 4.07 -5.23	55.55 4.71 -6.89	80.65 6.67 -18.39	85.54 6.59 -23.52	113.07 6.29 -55.59	67.64 5.55 -18.05	65.11 5.48 -15.82	60.99 5.31 -12.46	49.83 5.17 -2.99	50.26 4.88 -5.39	53.97 4.95 -9.12	61.60 4.98 -14.37	86.26 4.93 -37.29	80.07 5.95 -25.36	72.99 5.61 -22.15	67.95 5.26 -18.47	69.70 5.01 -20.68	66.01 5.13 -17.01	63.08 5.30 -13.96	55.28 4.99 -6.47

JAMAICA__27_KV_LOAD 355505	47.47 3.63 -0.06	46.70 2.97 0.00	46.15 2.78 0.00	45.28 2.68 0.00	44.58 2.56 0.00	47.29 3.34 0.00	60.66 5.06 0.00	72.89 5.32 -12.15	77.27 5.02 -21.07	63.94 4.36 -15.54	50.69 4.43 -2.44	50.87 4.24 -3.42	50.20 4.13 -4.40	49.27 3.88 -5.41	51.15 3.79 -7.46	57.11 4.01 -10.85	63.66 4.18 -15.44	93.94 5.17 -40.01	72.10 4.80 -22.07	66.55 4.55 -17.78	61.05 4.22 -12.83	58.96 4.17 -10.93	53.99 4.12 -6.06	54.08 3.86 -6.41
JANIS__SOLAR 323808	45.94 2.14 -0.02	45.87 2.14 0.00	45.28 1.91 0.00	44.43 1.83 0.00	43.91 1.89 0.00	46.46 2.50 0.00	59.43 3.83 0.00	62.50 3.77 -3.30	57.96 3.17 -3.61	48.55 2.24 -2.26	46.85 1.75 -1.28	46.62 1.34 -2.06	43.90 1.04 -1.18	43.96 1.04 -2.93	44.97 1.20 -3.87	49.68 1.69 -5.74	51.62 2.38 -5.20	58.65 3.27 -6.63	54.37 3.08 -6.06	52.02 2.92 -4.88	53.08 2.46 -6.62	51.96 2.32 -5.77	48.91 1.93 -3.17	47.42 1.84 -1.76
JARVIS____ 23743	44.12 0.35 0.00	44.04 0.31 0.00	43.68 0.31 0.00	42.90 0.30 0.00	42.32 0.30 0.00	44.35 0.39 0.00	56.21 0.61 0.00	56.09 0.67 0.00	51.74 0.56 0.00	44.48 0.44 0.00	44.21 0.39 0.00	43.57 0.34 0.00	42.01 0.33 0.00	40.31 0.32 0.00	40.22 0.32 0.00	42.59 0.34 0.00	44.48 0.44 0.00	49.30 0.54 0.00	45.74 0.50 0.00	44.71 0.49 0.00	44.39 0.40 0.00	44.26 0.39 0.00	44.17 0.35 0.00	44.17 0.35 0.00
JENNISON____1 23625	46.51 2.71 -0.02	46.27 2.54 0.00	45.67 2.30 0.00	44.86 2.26 0.00	44.29 2.27 0.00	46.90 2.94 0.00	60.05 4.45 0.00	64.05 4.38 -4.25	59.39 3.79 -4.42	49.77 2.82 -2.91	47.34 2.54 -0.98	46.89 2.16 -1.51	44.38 1.79 -0.91	44.05 1.76 -2.30	44.88 1.84 -3.14	49.13 2.28 -4.59	52.54 2.77 -5.72	60.96 3.66 -8.54	56.53 3.48 -7.81	53.82 3.32 -6.29	52.29 2.90 -5.39	51.30 2.81 -4.63	48.78 2.41 -2.55	48.41 2.32 -2.27
JENNISON____2 23626	46.51 2.71 -0.02	46.27 2.54 0.00	45.67 2.30 0.00	44.86 2.26 0.00	44.29 2.27 0.00	46.90 2.94 0.00	60.05 4.45 0.00	64.05 4.38 -4.25	59.39 3.79 -4.42	49.77 2.82 -2.91	47.34 2.54 -0.98	46.89 2.16 -1.51	44.38 1.79 -0.91	44.05 1.76 -2.30	44.88 1.84 -3.14	49.13 2.28 -4.59	52.54 2.77 -5.72	60.96 3.66 -8.54	56.53 3.48 -7.81	53.82 3.32 -6.29	52.29 2.90 -5.39	51.30 2.81 -4.63	48.78 2.41 -2.55	48.41 2.32 -2.27
JERICOHO_RISE_WT_PWR 323719	43.95 0.18 0.00	44.04 0.31 0.00	43.68 0.31 0.00	42.81 0.21 0.00	42.23 0.21 0.00	43.73 -0.22 0.00	54.94 -0.66 0.00	54.92 -0.50 0.00	50.62 -0.56 0.00	43.51 -0.53 0.00	43.34 -0.48 0.00	42.83 -0.39 0.00	41.01 -0.67 0.00	39.11 -0.88 0.00	38.94 -0.96 0.00	41.32 -0.93 0.00	42.90 -1.15 0.00	47.15 -1.61 0.00	43.70 -1.54 0.00	42.72 -1.50 0.00	42.72 -1.28 0.00	42.72 -1.14 0.00	42.85 -0.96 0.00	43.42 -0.40 0.00
KATONAH__115KV_46KV_TB4 355592	47.08 3.24 -0.06	46.49 2.76 0.00	46.02 2.65 0.00	45.24 2.64 0.00	44.42 2.40 0.00	46.94 2.99 0.00	60.16 4.56 0.00	72.34 4.66 -12.26	67.92 4.45 -12.28	56.32 3.83 -8.45	49.98 3.86 -2.30	50.33 3.67 -3.44	47.37 3.54 -2.16	48.80 3.36 -5.45	50.70 3.27 -7.53	56.63 3.42 -10.95	63.15 3.52 -15.59	77.57 4.29 -24.52	71.56 4.03 -22.29	65.93 3.76 -17.96	60.60 3.65 -12.95	58.45 3.55 -11.04	53.47 3.55 -6.11	53.62 3.33 -6.48
KCE_NY_1 323755	46.39 2.54 -0.08	46.18 2.45 0.00	45.80 2.43 0.00	44.98 2.38 0.00	44.29 2.27 0.00	46.68 2.73 0.00	59.21 3.61 0.00	74.41 3.49 -15.49	69.79 3.17 -15.43	57.25 2.60 -10.61	49.04 2.32 -2.91	49.72 2.16 -4.34	46.34 1.96 -2.70	48.75 1.88 -6.88	51.40 1.99 -9.50	58.27 2.20 -13.82	66.18 2.46 -19.68	82.37 2.83 -30.79	76.00 2.62 -28.14	69.49 2.61 -22.67	62.85 2.51 -16.35	60.20 2.41 -13.93	53.85 2.32 -7.71	54.36 2.36 -8.17
KCE_NY_6_ESR 323823	40.59 -3.19 -0.01	40.58 -3.15 0.00	40.03 -3.34 0.00	39.23 -3.37 0.00	38.87 -3.15 0.00	41.14 -2.81 0.00	51.43 -4.17 0.00	51.73 -5.32 -1.62	46.80 -5.01 -0.63	40.79 -4.36 -1.12	39.20 -4.73 -0.11	38.44 -4.88 -0.11	37.24 -4.54 -0.11	35.87 -4.40 -0.28	35.82 -4.39 -0.31	38.14 -4.73 -0.62	41.60 -4.54 -2.10	48.21 -4.44 -3.88	44.63 -4.16 -3.55	43.01 -4.07 -2.86	40.16 -4.62 -0.78	39.74 -4.74 -0.61	39.30 -4.87 -0.35	40.38 -4.47 -1.03
KEDC PORT_JEFF_GT2 24210	58.32 4.33 -10.21	50.59 4.07 -2.79	47.73 3.99 -0.37	48.17 3.84 -1.74	51.03 3.78 -5.23	55.24 4.39 -6.89	82.52 6.23 -20.69	87.53 5.99 -26.12	122.29 5.88 -65.22	68.76 5.24 -19.48	66.47 5.17 -17.49	61.79 5.01 -13.56	49.58 4.92 -2.99	49.98 4.60 -5.39	53.66 4.63 -9.14	62.10 4.69 -15.16	90.87 4.54 -42.30	79.46 5.32 -25.38	72.47 5.07 -22.17	67.63 4.78 -18.64	71.05 4.58 -22.48	66.99 4.74 -18.39	63.95 4.95 -15.18	55.00 4.69 -6.49
KEDC PORT_JEFF_GT3 24211	58.32 4.33 -10.21	50.59 4.07 -2.79	47.73 3.99 -0.37	48.17 3.84 -1.74	51.03 3.78 -5.23	55.24 4.39 -6.89	82.52 6.23 -20.69	87.53 5.99 -26.12	122.29 5.88 -65.22	68.76 5.24 -19.48	66.47 5.17 -17.49	61.79 5.01 -13.56	49.58 4.92 -2.99	49.98 4.60 -5.39	53.66 4.63 -9.14	62.10 4.69 -15.16	90.87 4.54 -42.30	79.46 5.32 -25.38	72.47 5.07 -22.17	67.63 4.78 -18.64	71.05 4.58 -22.48	66.99 4.74 -18.39	63.95 4.95 -15.18	55.00 4.69 -6.49
KEDC_GLWD_GT4 24219	57.58 3.68 -10.13	50.02 3.50 -2.79	47.09 3.34 -0.37	47.57 3.24 -1.74	50.40 3.15 -5.23	54.62 3.78 -6.89	69.14 5.28 -8.26	73.03 5.43 -12.18	69.61 5.12 -13.31	60.25 4.45 -11.77	56.77 4.47 -8.48	55.30 4.45 -7.62	49.00 4.33 -2.99	49.46 4.08 -5.39	52.87 3.91 -9.05	57.19 4.06 -10.88	63.60 4.14 -15.42	79.22 5.17 -25.30	72.22 4.93 -22.05	66.40 4.42 -17.76	61.01 4.18 -12.83	59.03 4.17 -11.00	56.64 4.21 -8.62	54.12 3.90 -6.41
KEDC_GLWD_GT5 24220	57.58 3.68 -10.13	50.02 3.50 -2.79	47.09 3.34 -0.37	47.57 3.24 -1.74	50.40 3.15 -5.23	54.62 3.78 -6.89	69.14 5.28 -8.26	73.03 5.43 -12.18	69.61 5.12 -13.31	60.25 4.45 -11.77	56.77 4.47 -8.48	55.30 4.45 -7.62	49.00 4.33 -2.99	49.46 4.08 -5.39	52.87 3.91 -9.05	57.19 4.06 -10.88	63.60 4.14 -15.42	79.22 5.17 -25.30	72.22 4.93 -22.05	66.40 4.42 -17.76	61.01 4.18 -12.83	59.03 4.17 -11.00	56.64 4.21 -8.62	54.12 3.90 -6.41
KENSICO____ 23655	46.86 3.02 -0.06	46.27 2.54 0.00	45.76 2.39 0.00	44.94 2.34 0.00	44.25 2.23 0.00	46.77 2.81 0.00	59.77 4.17 0.00	71.90 4.38 -12.10	67.97 4.15 -12.64	56.41 3.61 -8.76	49.69 3.59 -2.28	50.07 3.46 -3.39	47.31 3.38 -2.26	48.57 3.20 -5.38	50.48 3.15 -7.42	56.35 3.30 -10.80	62.77 3.35 -15.38	78.07 4.14 -25.16	71.08 3.85 -21.99	65.56 3.63 -17.71	60.20 3.43 -12.78	58.13 3.38 -10.89	53.22 3.37 -6.02	53.36 3.15 -6.39
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.90 3.06 -0.06	46.35 2.62 0.00	45.84 2.47 0.00	45.03 2.43 0.00	44.37 2.35 0.00	46.90 2.94 0.00	60.10 4.50 0.00	71.31 4.38 -11.51	66.80 4.15 -11.47	55.50 3.57 -7.89	49.31 3.33 -2.16	49.60 3.16 -3.23	46.69 3.00 -2.01	47.58 2.48 -5.12	49.52 2.55 -7.06	55.19 2.66 -10.28	61.54 2.86 -14.63	75.26 3.61 -22.90	69.60 3.44 -20.93	64.26 3.18 -16.86	59.15 2.99 -12.16	57.60 3.38 -10.36	52.84 3.29 -5.73	52.96 3.07 -6.08

KLAC_JFK_GT1 23816	47.34 3.50 -0.06	46.57 2.84 0.00	46.06 2.69 0.00	45.15 2.56 0.00	44.50 2.48 0.00	47.16 3.21 0.00	60.49 4.89 0.00	72.72 5.15 -12.15	77.06 4.81 -21.07	63.81 4.23 -15.54	50.56 4.29 -2.44	50.74 4.11 -3.42	50.07 4.00 -4.40	49.15 3.76 -5.41	51.03 3.67 -7.46	56.99 3.89 -10.85	63.53 4.05 -15.44	93.75 4.97 -40.01	71.92 4.61 -22.07	66.38 4.38 -17.78	60.92 4.09 -12.83	58.79 3.99 -10.93	53.82 3.94 -6.06	53.91 3.68 -6.41
KIAC_JFK_GT2 23817	47.34 3.50 -0.06	46.57 2.84 0.00	46.06 2.69 0.00	45.15 2.56 0.00	44.50 2.48 0.00	47.16 3.21 0.00	60.49 4.89 0.00	72.72 5.15 -12.15	77.06 4.81 -21.07	63.81 4.23 -15.54	50.56 4.29 -2.44	50.74 4.11 -3.42	50.07 4.00 -4.40	49.15 3.76 -5.41	51.03 3.67 -7.46	56.99 3.89 -10.85	63.53 4.05 -15.44	93.75 4.97 -40.01	71.92 4.61 -22.07	66.38 4.38 -17.78	60.92 4.09 -12.83	58.79 3.99 -10.93	53.82 3.94 -6.06	53.91 3.68 -6.41
KIAC_JFK____ 323774	46.90 3.06 -0.06	46.57 2.84 0.00	46.06 2.69 0.00	45.15 2.56 0.00	44.50 2.48 0.00	47.12 3.17 0.00	60.49 4.89 0.00	72.67 5.10 -12.15	77.03 4.81 -21.04	63.79 4.23 -15.52	50.51 4.25 -2.44	50.70 4.06 -3.42	50.11 4.04 -4.39	49.15 3.76 -5.41	51.03 3.67 -7.46	56.99 3.88 -10.85	63.58 4.10 -15.44	93.70 4.98 -39.96	71.93 4.62 -22.07	66.38 4.38 -17.78	60.87 4.05 -12.83	58.70 3.90 -10.93	53.82 3.95 -6.06	53.91 3.68 -6.41
KINTIGH____ 23543	39.71 -4.07 -0.01	39.66 -4.07 0.00	39.21 -4.16 0.00	38.42 -4.17 0.00	38.03 -3.99 0.00	40.22 -3.74 0.00	50.37 -5.23 0.00	51.90 -5.32 -1.80	46.89 -5.32 -1.03	41.00 -4.27 -1.23	38.86 -5.08 -0.12	37.79 -5.58 -0.14	37.04 -4.75 -0.11	36.15 -4.16 -0.32	36.12 -4.19 -0.40	37.84 -5.07 -0.66	41.69 -4.14 -1.79	47.84 -4.14 -3.22	44.34 -3.85 -2.95	42.79 -3.80 -2.37	40.55 -4.27 -0.82	39.74 -4.78 -0.66	39.59 -4.60 -0.37	40.51 -4.16 -0.86
KNTFSRNC_46_KV_46KV_LOAD 80397	44.34 0.57 0.00	44.69 0.96 0.00	44.24 0.87 0.00	43.32 0.72 0.00	42.82 0.80 0.00	44.35 0.40 0.00	55.88 0.28 0.00	55.87 0.44 0.00	51.54 0.36 0.00	44.26 0.22 0.00	44.04 0.22 0.00	43.52 0.30 0.00	41.59 -0.08 0.00	39.67 -0.32 0.00	39.54 -0.36 0.00	41.96 -0.30 0.00	43.69 -0.35 0.00	48.08 -0.68 0.00	44.51 -0.72 0.00	43.56 -0.66 0.00	43.47 -0.53 0.00	43.34 -0.53 0.00	43.47 -0.35 0.00	44.26 0.44 0.00
LACHUTE__HYDRO 323717	48.10 4.24 -0.08	47.71 3.98 0.00	47.36 3.99 0.00	46.43 3.84 0.00	45.67 3.65 0.00	48.61 4.66 0.00	61.77 6.17 0.00	76.93 5.99 -15.52	72.26 5.63 -15.45	59.17 4.49 -10.63	50.36 3.63 -2.91	50.81 3.24 -4.35	47.09 2.71 -2.71	49.52 2.64 -6.89	52.37 2.95 -9.51	59.43 3.34 -13.84	67.49 3.74 -19.71	84.08 4.48 -30.83	77.63 4.21 -28.18	71.07 4.16 -22.70	64.28 3.91 -16.37	61.45 3.64 -13.95	55.00 3.46 -7.72	55.55 3.55 -8.19
LAWRNCV_115KV_TB1 80681	42.72 -1.05 0.00	43.03 -0.70 0.00	42.68 -0.69 0.00	41.87 -0.72 0.00	41.39 -0.63 0.00	42.85 -1.10 0.00	54.10 -1.50 0.00	54.20 -1.22 0.00	50.10 -1.07 0.00	43.03 -1.01 0.00	43.03 -0.79 0.00	42.62 -0.61 0.00	40.92 -0.75 0.00	39.15 -0.84 0.00	39.06 -0.84 0.00	41.45 -0.80 0.00	42.94 -1.10 0.00	47.25 -1.51 0.00	43.79 -1.45 0.00	42.89 -1.33 0.00	42.90 -1.10 0.00	42.85 -1.01 0.00	42.90 -0.92 0.00	42.90 -0.92 0.00
LEDERLE____ 23769	46.81 2.98 -0.06	46.22 2.49 0.00	45.76 2.39 0.00	44.90 2.30 0.00	44.25 2.23 0.00	46.77 2.81 0.00	59.77 4.17 0.00	71.36 4.27 -11.67	67.23 4.04 -12.01	55.91 3.57 -8.30	49.48 3.46 -2.20	49.82 3.33 -3.27	47.06 3.25 -2.13	48.22 3.04 -5.19	50.10 3.03 -7.16	55.80 3.13 -10.42	62.14 3.26 -14.84	76.73 4.05 -23.92	70.17 3.71 -21.22	64.81 3.49 -17.09	59.63 3.30 -12.33	57.61 3.25 -10.51	52.87 3.24 -5.81	52.96 2.98 -6.17
LIGHTHSE_115KV_TB6 355974	42.86 -0.92 0.00	42.72 -1.01 0.00	42.29 -1.08 0.00	41.53 -1.06 0.00	40.93 -1.09 0.00	42.94 -1.01 0.00	54.65 -0.95 0.00	55.58 -0.72 -0.87	51.23 -0.82 -0.87	43.85 -0.79 -0.60	42.93 -1.05 -0.16	42.34 -1.12 -0.24	40.70 -1.13 -0.15	39.30 -1.08 -0.39	39.40 -1.04 -0.54	42.02 -1.01 -0.78	44.31 -0.84 -1.11	49.76 -0.73 -1.73	46.14 -0.68 -1.59	44.79 -0.71 -1.28	43.99 -0.92 -0.92	43.64 -1.01 -0.78	43.20 -1.05 -0.43	43.18 -1.10 -0.46
LINDEN COGEN____ 23786	46.60 2.76 -0.06	46.27 2.54 0.00	45.80 2.43 0.00	44.94 2.34 0.00	44.25 2.23 0.00	46.81 2.86 0.00	59.94 4.34 0.00	72.12 4.55 -12.15	76.52 4.30 -21.04	63.35 3.79 -15.52	50.03 3.77 -2.44	50.22 3.59 -3.42	49.65 3.58 -4.39	48.76 3.36 -5.41	50.63 3.27 -7.46	56.52 3.42 -10.85	63.00 3.52 -15.44	93.01 4.29 -39.96	71.29 3.98 -22.07	65.76 3.76 -17.78	60.34 3.52 -12.83	58.26 3.46 -10.93	53.42 3.55 -6.06	53.51 3.29 -6.41
LINDHRST_69_KV_BK1 356055	58.37 4.46 -10.13	50.45 3.94 -2.78	47.51 3.77 -0.37	47.99 3.66 -1.73	50.81 3.57 -5.22	55.10 4.26 -6.88	70.95 6.06 -9.29	74.78 6.10 -13.26	74.65 5.78 -17.69	61.53 5.06 -12.43	58.08 5.04 -9.22	56.17 4.84 -8.10	49.37 4.71 -2.99	49.82 4.44 -5.39	53.42 4.47 -9.05	58.05 4.56 -11.23	66.06 4.58 -17.44	79.72 5.61 -25.36	72.59 5.29 -22.06	67.00 4.95 -17.83	62.32 4.75 -13.57	60.21 4.74 -11.61	57.79 4.82 -9.15	54.74 4.51 -6.41
LIPA_MISC_IPP 23656	58.61 4.64 -10.19	50.58 4.07 -2.78	47.73 3.99 -0.37	48.20 3.88 -1.73	51.02 3.78 -5.22	55.27 4.44 -6.88	80.41 6.12 -18.70	85.44 6.10 -23.92	113.92 5.78 -56.96	67.50 5.20 -18.26	64.94 5.08 -16.04	60.79 4.97 -12.60	49.54 4.88 -2.99	49.98 4.60 -5.39	53.64 4.63 -9.11	61.38 4.65 -14.47	86.61 4.49 -38.07	79.64 5.46 -25.42	72.54 5.16 -22.15	67.54 4.82 -18.50	69.71 4.75 -20.96	65.85 4.78 -17.21	62.93 5.00 -14.12	55.07 4.78 -6.48
LISF__SOLAR 323691	58.35 4.38 -10.20	50.68 4.16 -2.79	47.82 4.08 -0.37	48.30 3.96 -1.74	51.15 3.91 -5.23	55.33 4.49 -6.89	80.68 6.23 -18.86	85.71 6.21 -24.08	114.63 5.88 -57.56	67.62 5.24 -18.34	65.14 5.17 -16.16	60.92 5.01 -12.68	49.58 4.92 -2.99	50.02 4.64 -5.39	53.69 4.67 -9.12	61.51 4.73 -14.53	87.01 4.58 -38.39	79.73 5.61 -25.37	72.68 5.29 -22.15	67.68 4.95 -18.51	69.82 4.75 -21.08	66.03 4.87 -17.30	63.11 5.08 -14.21	55.16 4.86 -6.48
LITTLE FALLS__HYD 24013	44.43 0.66 0.00	44.34 0.61 0.00	43.98 0.61 0.00	43.24 0.64 0.00	42.65 0.63 0.00	44.79 0.84 0.00	56.71 1.11 0.00	56.53 1.11 0.00	52.20 1.02 0.00	44.83 0.79 0.00	44.43 0.61 0.00	43.83 0.61 0.00	42.22 0.54 0.00	40.55 0.56 0.00	40.42 0.52 0.00	42.84 0.59 0.00	44.79 0.75 0.00	49.64 0.88 0.00	46.05 0.81 0.00	45.02 0.80 0.00	44.66 0.66 0.00	44.56 0.70 0.00	44.52 0.70 0.00	44.52 0.70 0.00
LITTLRIV_115KV_TB1 356100	43.25 -0.53 0.00	43.56 -0.17 0.00	43.16 -0.22 0.00	42.39 -0.21 0.00	41.89 -0.13 0.00	43.43 -0.53 0.00	54.99 -0.61 0.00	55.15 -0.28 0.00	50.92 -0.26 0.00	43.69 -0.35 0.00	43.69 -0.13 0.00	43.26 0.04 0.00	41.47 -0.21 0.00	39.75 -0.24 0.00	39.62 -0.28 0.00	42.04 -0.21 0.00	43.56 -0.48 0.00	47.83 -0.93 0.00	44.38 -0.86 0.00	43.47 -0.75 0.00	43.47 -0.53 0.00	43.38 -0.48 0.00	43.38 -0.44 0.00	43.34 -0.48 0.00

LI_NEWBRDGE___DRP 323616	57.53 3.63 -10.12	49.66 3.15 -2.78	46.73 2.99 -0.37	47.27 2.94 -1.73	50.05 2.82 -5.22	54.26 3.43 -6.88	68.73 5.00 -8.12	72.60 5.04 -12.13	68.81 4.81 -12.82	60.01 4.27 -11.70	56.40 4.21 -8.38	54.83 4.06 -7.55	48.67 4.00 -2.99	49.14 3.76 -5.39	52.66 3.71 -9.04	56.93 3.84 -10.83	63.25 3.79 -15.42	78.69 4.58 -25.35	71.68 4.39 -22.05	66.05 4.07 -17.76	60.77 3.96 -12.81	58.73 3.95 -10.92	56.38 4.03 -8.53	53.95 3.72 -6.41
LOCKPORT_115KV_TB60_63_64 80432	39.49 -4.29 -0.01	39.45 -4.29 0.00	38.95 -4.42 0.00	38.13 -4.47 0.00	37.78 -4.24 0.00	40.00 -3.96 0.00	49.98 -5.62 0.00	50.65 -6.26 -1.49	46.13 -5.89 -0.84	39.96 -5.11 -1.02	38.19 -5.74 -0.11	37.21 -6.14 -0.12	36.36 -5.42 -0.11	35.28 -5.00 -0.29	35.27 -4.99 -0.36	37.18 -5.70 -0.64	40.89 -5.06 -1.92	47.15 -5.12 -3.51	43.70 -4.75 -3.21	42.07 -4.73 -2.59	39.61 -5.19 -0.80	38.93 -5.57 -0.64	38.66 -5.52 -0.36	39.76 -5.00 -0.93
LOCKPORT___CC1 323769	39.50 -4.29 -0.01	39.49 -4.24 0.00	38.95 -4.42 0.00	38.13 -4.47 0.00	37.78 -4.24 0.00	40.00 -3.96 0.00	49.99 -5.61 0.00	50.55 -6.37 -1.50	45.99 -5.99 -0.80	39.96 -5.11 -1.03	38.15 -5.78 -0.11	37.20 -6.14 -0.12	36.32 -5.46 -0.11	35.28 -5.00 -0.29	35.22 -5.03 -0.35	37.19 -5.71 -0.64	40.87 -5.11 -1.94	47.18 -5.12 -3.54	43.68 -4.80 -3.24	42.18 -4.64 -2.61	39.65 -5.15 -0.80	38.88 -5.61 -0.63	38.57 -5.61 -0.36	39.76 -5.00 -0.94
LOCKPORT___CC2 323770	39.50 -4.29 -0.01	39.49 -4.24 0.00	38.95 -4.42 0.00	38.13 -4.47 0.00	37.78 -4.24 0.00	40.00 -3.96 0.00	49.99 -5.61 0.00	50.55 -6.37 -1.50	45.99 -5.99 -0.80	39.96 -5.11 -1.03	38.15 -5.78 -0.11	37.20 -6.14 -0.12	36.32 -5.46 -0.11	35.28 -5.00 -0.29	35.22 -5.03 -0.35	37.19 -5.71 -0.64	40.87 -5.11 -1.94	47.18 -5.12 -3.54	43.68 -4.80 -3.24	42.18 -4.64 -2.61	39.65 -5.15 -0.80	38.88 -5.61 -0.63	38.57 -5.61 -0.36	39.76 -5.00 -0.94
LOCKPORT___CC3 323771	39.50 -4.29 -0.01	39.49 -4.24 0.00	38.95 -4.42 0.00	38.13 -4.47 0.00	37.78 -4.24 0.00	40.00 -3.96 0.00	49.99 -5.61 0.00	50.55 -6.37 -1.50	45.99 -5.99 -0.80	39.96 -5.11 -1.03	38.15 -5.78 -0.11	37.20 -6.14 -0.12	36.32 -5.46 -0.11	35.28 -5.00 -0.29	35.22 -5.03 -0.35	37.19 -5.71 -0.64	40.87 -5.11 -1.94	47.18 -5.12 -3.54	43.68 -4.80 -3.24	42.18 -4.64 -2.61	39.65 -5.15 -0.80	38.88 -5.61 -0.63	38.57 -5.61 -0.36	39.76 -5.00 -0.94
LONG_LAKE_PHOENIX 24014	42.55 -1.23 -0.01	42.42 -1.31 0.00	42.03 -1.34 0.00	41.24 -1.36 0.00	40.68 -1.34 0.00	42.72 -1.23 0.00	54.21 -1.39 0.00	55.07 -1.33 -0.97	50.87 -1.28 -0.97	43.52 -1.19 -0.67	42.60 -1.40 -0.18	41.98 -1.51 -0.27	40.43 -1.42 -0.17	39.10 -1.32 -0.43	39.26 -1.24 -0.60	41.81 -1.31 -0.87	44.18 -1.10 -1.24	49.67 -1.02 -1.94	46.06 -0.95 -1.77	44.63 -1.02 -1.43	43.84 -1.19 -1.03	43.47 -1.27 -0.88	42.94 -1.36 -0.48	43.02 -1.31 -0.51
LOVETT___3 23632	46.64 2.80 -0.06	46.05 2.32 0.00	45.58 2.21 0.00	44.73 2.13 0.00	44.08 2.06 0.00	46.55 2.59 0.00	59.49 3.89 0.00	71.18 4.05 -11.71	67.08 3.84 -12.06	55.72 3.35 -8.34	49.31 3.29 -2.21	49.66 3.16 -3.28	46.94 3.13 -2.14	48.11 2.92 -5.21	49.96 2.87 -7.19	55.71 3.00 -10.46	62.01 3.08 -14.89	76.63 3.85 -24.02	70.01 3.48 -21.29	64.64 3.27 -17.15	59.45 3.08 -12.37	57.47 3.07 -10.54	52.72 3.07 -5.83	52.85 2.85 -6.18
LOVETT___4 23642	46.64 2.80 -0.06	46.05 2.32 0.00	45.58 2.21 0.00	44.73 2.13 0.00	44.08 2.06 0.00	46.55 2.59 0.00	59.49 3.89 0.00	71.18 4.05 -11.71	67.08 3.84 -12.06	55.72 3.35 -8.34	49.31 3.29 -2.21	49.66 3.16 -3.28	46.94 3.13 -2.14	48.11 2.92 -5.21	49.96 2.87 -7.19	55.71 3.00 -10.46	62.01 3.08 -14.89	76.63 3.85 -24.02	70.01 3.48 -21.29	64.64 3.27 -17.15	59.45 3.08 -12.37	57.47 3.07 -10.54	52.72 3.07 -5.83	52.85 2.85 -6.18
LOVETT___5 23593	46.64 2.80 -0.06	46.05 2.32 0.00	45.58 2.21 0.00	44.73 2.13 0.00	44.08 2.06 0.00	46.55 2.59 0.00	59.49 3.89 0.00	71.18 4.05 -11.71	67.08 3.84 -12.06	55.72 3.35 -8.34	49.31 3.29 -2.21	49.66 3.16 -3.28	46.94 3.13 -2.14	48.11 2.92 -5.21	49.96 2.87 -7.19	55.71 3.00 -10.46	62.01 3.08 -14.89	76.63 3.85 -24.02	70.01 3.48 -21.29	64.64 3.27 -17.15	59.45 3.08 -12.37	57.47 3.07 -10.54	52.72 3.07 -5.83	52.85 2.85 -6.18
LOWER RAQUET___HYD 24057	42.77 -1.01 0.00	42.81 -0.92 0.00	42.46 -0.91 0.00	41.66 -0.94 0.00	41.18 -0.84 0.00	42.72 -1.23 0.00	53.88 -1.72 0.00	54.09 -1.33 0.00	49.95 -1.23 0.00	42.90 -1.15 0.00	42.85 -0.96 0.00	42.44 -0.78 0.00	40.72 -0.96 0.00	38.99 -1.00 0.00	38.91 -1.00 0.00	41.24 -1.01 0.00	42.76 -1.28 0.00	47.01 -1.75 0.00	43.61 -1.63 0.00	42.67 -1.55 0.00	42.72 -1.28 0.00	42.68 -1.18 0.00	42.68 -1.14 0.00	42.68 -1.14 0.00
LOWER___HUDSON 24059	45.91 2.06 -0.08	45.70 1.97 0.00	45.33 1.95 0.00	44.52 1.92 0.00	43.91 1.89 0.00	46.15 2.20 0.00	58.43 2.83 0.00	73.38 2.72 -15.25	68.77 2.41 -15.19	56.51 2.03 -10.45	48.56 1.88 -2.86	49.35 1.86 -4.27	46.13 1.79 -2.66	48.48 1.72 -6.77	51.00 1.75 -9.35	57.76 1.90 -13.60	65.48 2.07 -19.37	81.35 2.29 -30.30	75.06 2.13 -27.69	68.60 2.08 -22.31	62.11 2.02 -16.09	59.59 2.02 -13.71	53.38 1.97 -7.59	53.92 2.06 -8.04
LOWVILLE_115KV_TB2 356335	44.04 0.26 0.00	43.95 0.22 0.00	43.50 0.13 0.00	42.68 0.09 0.00	42.19 0.17 0.00	44.35 0.40 0.00	56.71 1.11 0.00	57.87 2.00 -0.45	53.26 1.64 -0.45	45.36 1.01 -0.31	44.65 0.74 -0.08	44.13 0.78 -0.13	42.25 0.50 -0.08	40.31 0.12 -0.20	40.66 0.48 -0.27	43.37 0.72 -0.40	45.62 1.01 -0.57	50.48 0.83 -0.89	46.82 0.77 -0.81	45.58 0.71 -0.66	45.00 0.53 -0.47	44.70 0.44 -0.40	44.26 0.22 -0.22	44.19 0.13 -0.24
LUTHERFT_115KV_GLOB_FND_222 355753	46.57 2.71 -0.08	46.14 2.41 0.00	45.76 2.39 0.00	44.94 2.34 0.00	44.25 2.23 0.00	46.68 2.73 0.00	59.16 3.56 0.00	74.35 3.44 -15.49	69.73 3.12 -15.43	57.21 2.55 -10.61	49.00 2.28 -2.91	49.68 2.12 -4.34	46.29 1.92 -2.70	48.75 1.88 -6.88	51.40 2.00 -9.50	58.27 2.20 -13.82	66.14 2.42 -19.68	82.33 2.78 -30.79	75.96 2.58 -28.14	69.45 2.56 -22.67	62.81 2.46 -16.35	60.16 2.37 -13.93	53.80 2.28 -7.71	54.36 2.37 -8.17
LUTHERNY_35_KV_BK2 355980	46.57 2.71 -0.08	46.18 2.45 0.00	45.80 2.43 0.00	44.98 2.39 0.00	44.29 2.27 0.00	46.72 2.77 0.00	59.21 3.61 0.00	74.41 3.49 -15.49	69.78 3.17 -15.43	57.25 2.60 -10.61	49.05 2.32 -2.91	49.72 2.16 -4.34	46.34 1.96 -2.70	48.75 1.88 -6.88	51.40 2.00 -9.50	58.27 2.20 -13.82	66.18 2.47 -19.68	82.38 2.83 -30.79	76.00 2.62 -28.14	69.49 2.61 -22.67	62.81 2.46 -16.35	60.21 2.41 -13.93	53.85 2.32 -7.71	54.36 2.37 -8.17
LWR___OSWEGATCHIE_HYD 23850	42.68 -1.09 0.00	42.77 -0.96 0.00	42.37 -1.00 0.00	41.62 -0.98 0.00	41.14 -0.88 0.00	42.94 -1.01 0.00	54.60 -1.00 0.00	55.25 -0.50 -0.33	50.99 -0.51 -0.33	43.60 -0.66 -0.22	43.18 -0.70 -0.06	42.71 -0.61 -0.09	40.90 -0.83 -0.06	39.13 -1.00 -0.15	39.30 -0.80 -0.20	41.83 -0.72 -0.29	43.71 -0.75 -0.42	48.39 -1.02 -0.65	44.88 -0.95 -0.60	43.77 -0.93 -0.48	43.42 -0.92 -0.35	43.19 -0.96 -0.29	42.97 -1.01 -0.16	42.94 -1.05 -0.17

LYONS_FALL_HYD 23570	44.43 0.66 0.00	44.30 0.57 0.00	43.89 0.52 0.00	43.07 0.47 0.00	42.57 0.54 0.00	44.79 0.83 0.00	57.15 1.55 0.00	58.30 2.61 -0.27	53.70 2.25 -0.27	45.77 1.54 -0.19	45.09 1.23 -0.05	44.55 1.25 -0.08	42.72 1.00 -0.05	40.83 0.72 -0.12	41.02 0.96 -0.17	43.72 1.23 -0.24	45.88 1.50 -0.35	50.83 1.22 -0.85	47.15 1.13 -0.78	45.91 1.06 -0.63	45.33 0.88 -0.45	45.04 0.79 -0.39	44.64 0.61 -0.21	44.57 0.53 -0.23
MADISON__COUNTY_LFGE 323628	45.00 1.23 0.00	44.87 1.14 0.00	44.41 1.04 0.00	43.62 1.02 0.00	43.07 1.05 0.00	45.45 1.49 0.00	57.99 2.39 0.00	57.98 1.83 -0.73	53.49 1.59 -0.73	45.73 1.19 -0.50	44.92 0.92 -0.18	44.29 0.78 -0.29	42.55 0.71 -0.17	41.14 0.72 -0.43	41.24 0.76 -0.58	44.04 0.93 -0.85	46.14 1.10 -1.00	52.01 1.80 -1.45	48.23 1.67 -1.32	46.83 1.55 -1.07	46.32 1.32 -1.00	45.95 1.23 -0.86	45.34 1.05 -0.47	45.21 1.01 -0.38
MALONE__115KV_TB1 356076	43.91 0.13 0.00	44.30 0.57 0.00	43.85 0.48 0.00	42.98 0.38 0.00	42.48 0.46 0.00	43.95 0.00 0.00	55.43 -0.17 0.00	55.53 0.11 0.00	51.23 0.05 0.00	44.00 -0.04 0.00	43.86 0.04 0.00	43.35 0.13 0.00	41.47 -0.21 0.00	39.59 -0.40 0.00	39.46 -0.44 0.00	41.87 -0.38 0.00	43.51 -0.53 0.00	47.88 -0.88 0.00	44.38 -0.86 0.00	43.38 -0.84 0.00	43.34 -0.66 0.00	43.25 -0.61 0.00	43.34 -0.48 0.00	43.73 -0.09 0.00
MAPLEWOD_115KV_TB3 80458	46.09 2.23 -0.08	45.65 1.92 0.00	45.28 1.91 0.00	44.52 1.92 0.00	43.87 1.85 0.00	46.15 2.20 0.00	58.10 2.50 0.00	72.96 2.38 -15.15	68.42 2.15 -15.09	56.23 1.81 -10.38	48.32 1.67 -2.84	49.07 1.60 -4.24	45.86 1.54 -2.64	48.20 1.48 -6.73	50.71 1.52 -9.29	57.42 1.65 -13.52	65.09 1.81 -19.25	80.87 2.00 -30.11	74.62 1.85 -27.53	68.20 1.81 -22.17	61.75 1.76 -15.99	59.20 1.71 -13.63	53.07 1.71 -7.54	53.74 1.93 -8.00
MAPLE_RIDGE_WT_1 323574	43.69 -0.09 0.00	43.64 -0.09 0.00	43.29 -0.09 0.00	42.47 -0.13 0.00	41.85 -0.17 0.00	43.60 -0.35 0.00	55.04 -0.56 0.00	54.92 -0.50 0.00	50.72 -0.46 0.00	43.69 -0.35 0.00	43.51 -0.30 0.00	42.92 -0.30 0.00	41.22 -0.46 0.00	39.43 -0.56 0.00	39.26 -0.64 0.00	41.53 -0.72 0.00	43.20 -0.84 0.00	47.73 -1.03 0.00	44.33 -0.90 0.00	43.42 -0.79 0.00	43.38 -0.62 0.00	43.29 -0.57 0.00	43.38 -0.44 0.00	43.51 -0.30 0.00
MAPLE_RIDGE_WT_2 323611	43.69 -0.09 0.00	43.64 -0.09 0.00	43.29 -0.09 0.00	42.47 -0.13 0.00	41.85 -0.17 0.00	43.60 -0.35 0.00	55.04 -0.56 0.00	54.92 -0.50 0.00	50.72 -0.46 0.00	43.69 -0.35 0.00	43.51 -0.30 0.00	42.92 -0.30 0.00	41.22 -0.46 0.00	39.43 -0.56 0.00	39.26 -0.64 0.00	41.53 -0.72 0.00	43.20 -0.84 0.00	47.73 -1.03 0.00	44.33 -0.90 0.00	43.42 -0.79 0.00	43.38 -0.62 0.00	43.29 -0.57 0.00	43.38 -0.44 0.00	43.51 -0.30 0.00
MARBLE_RIVER_WT_PWR 323696	43.95 0.18 0.00	44.08 0.35 0.00	43.68 0.31 0.00	42.77 0.17 0.00	42.23 0.21 0.00	43.73 -0.22 0.00	54.99 -0.61 0.00	54.98 -0.45 0.00	50.67 -0.51 0.00	43.56 -0.48 0.00	43.34 -0.48 0.00	42.79 -0.43 0.00	40.97 -0.71 0.00	39.07 -0.92 0.00	38.91 -1.00 0.00	41.28 -0.97 0.00	42.90 -1.15 0.00	47.15 -1.61 0.00	43.65 -1.58 0.00	42.72 -1.50 0.00	42.68 -1.32 0.00	42.68 -1.18 0.00	42.85 -0.96 0.00	43.47 -0.35 0.00
MARSHVLE_115KV_TB1 80742	47.50 3.63 -0.09	47.19 3.45 0.00	46.76 3.38 0.00	45.88 3.28 0.00	45.26 3.24 0.00	48.00 4.04 0.00	61.05 5.45 0.00	78.56 5.43 -17.70	73.68 4.86 -17.64	60.00 3.83 -12.13	50.47 3.33 -3.32	51.25 3.07 -4.96	47.43 2.67 -3.09	50.50 2.64 -7.87	53.60 2.83 -10.86	61.35 3.30 -15.80	70.15 3.61 -22.50	88.40 4.44 -35.20	81.53 4.12 -32.18	74.16 4.02 -25.92	66.43 3.74 -18.69	63.52 3.73 -15.93	56.14 3.51 -8.81	56.54 3.37 -9.35
MARSH_HILL_WT_PWR 323713	40.59 -3.19 -0.01	42.64 -1.09 0.00	42.20 -1.17 0.00	41.36 -1.24 0.00	40.89 -1.13 0.00	43.34 -0.62 0.00	54.71 -0.89 0.00	56.28 -1.61 -2.47	56.78 -1.59 -7.18	43.97 -1.76 -1.69	41.36 -2.19 0.27	40.14 -2.51 0.57	39.01 -2.42 0.24	37.10 -2.36 0.53	37.94 -2.19 -0.24	40.07 -1.73 0.45	45.06 -1.32 -2.34	53.02 -0.88 -5.14	49.03 -0.90 -4.70	47.07 -0.93 -3.78	42.16 -1.45 0.38	41.87 -1.54 0.46	41.83 -1.75 0.23	43.65 -1.53 -1.36
MCINTYRE_115KV_TB2 80467	43.73 -0.04 0.00	44.08 0.35 0.00	43.68 0.30 0.00	42.90 0.30 0.00	42.40 0.38 0.00	43.95 0.00 0.00	55.60 0.00 0.00	55.70 0.28 0.00	51.49 0.31 0.00	44.17 0.13 0.00	44.17 0.35 0.00	43.74 0.52 0.00	41.92 0.25 0.00	40.19 0.20 0.00	40.06 0.16 0.00	42.46 0.21 0.00	44.00 -0.04 0.00	48.37 -0.39 0.00	44.88 -0.36 0.00	43.91 -0.31 0.00	43.91 -0.09 0.00	43.91 0.04 0.00	43.86 0.04 0.00	43.82 0.00 0.00
MECO____69_KV_BK1 80468	49.90 6.04 -0.09	49.50 5.77 0.00	49.10 5.73 0.00	48.22 5.62 0.00	47.53 5.50 0.00	50.68 6.72 0.00	64.55 8.95 0.00	81.26 8.81 -17.03	76.13 7.98 -16.97	62.05 6.34 -11.67	52.49 5.48 -3.20	52.92 4.93 -4.77	48.90 4.25 -2.97	51.80 4.24 -7.57	55.02 4.67 -10.45	62.86 5.41 -15.20	71.59 5.90 -21.64	89.64 7.02 -33.86	82.66 6.47 -30.95	75.61 6.46 -24.93	68.01 6.03 -17.98	65.06 5.88 -15.32	57.86 5.56 -8.48	58.29 5.48 -8.99
MENANDS__115KV_TB5 355628	45.91 2.06 -0.08	45.48 1.75 0.00	45.11 1.73 0.00	44.39 1.79 0.00	43.74 1.72 0.00	45.98 2.02 0.00	57.77 2.17 0.00	72.54 2.00 -15.12	68.03 1.79 -15.06	55.94 1.54 -10.36	48.10 1.45 -2.84	48.88 1.43 -4.24	45.69 1.38 -2.64	48.03 1.32 -6.72	50.49 1.32 -9.27	57.14 1.39 -13.49	64.84 1.59 -19.21	80.52 1.71 -30.06	74.29 1.58 -27.47	67.89 1.55 -22.13	61.45 1.50 -15.96	58.91 1.45 -13.60	52.83 1.49 -7.52	53.51 1.71 -7.98
MG INDUSTRY__DRP 24185	45.91 2.06 -0.08	45.57 1.84 0.00	45.19 1.82 0.00	44.43 1.83 0.00	43.79 1.76 0.00	46.02 2.07 0.00	57.82 2.22 0.00	72.20 2.00 -14.79	67.70 1.79 -14.73	55.67 1.50 -10.13	47.99 1.40 -2.77	48.66 1.30 -4.14	45.51 1.25 -2.58	47.76 1.20 -6.57	50.21 1.24 -9.07	56.80 1.35 -13.19	64.32 1.50 -18.78	79.80 1.66 -29.39	73.64 1.54 -26.86	67.40 1.55 -21.63	61.10 1.50 -15.60	58.61 1.45 -13.30	52.62 1.45 -7.36	53.29 1.67 -7.80
MID__OSWEGATCHIE_HYD 23849	42.68 -1.09 0.00	42.77 -0.96 0.00	42.37 -1.00 0.00	41.62 -0.98 0.00	41.14 -0.88 0.00	42.94 -1.01 0.00	54.60 -1.00 0.00	55.25 -0.50 -0.33	50.99 -0.51 -0.33	43.60 -0.66 -0.22	43.18 -0.70 -0.06	42.71 -0.61 -0.09	40.90 -0.83 -0.06	39.13 -1.00 -0.15	39.30 -0.80 -0.20	41.83 -0.72 -0.29	43.71 -0.75 -0.42	48.39 -1.02 -0.65	44.88 -0.95 -0.60	43.77 -0.93 -0.48	43.42 -0.92 -0.35	43.19 -0.96 -0.29	42.97 -1.01 -0.16	42.94 -1.05 -0.17
MID__RAQUETTE_HYD 23851	42.50 -1.27 0.00	42.81 -0.92 0.00	42.46 -0.91 0.00	41.66 -0.94 0.00	41.18 -0.84 0.00	42.68 -1.27 0.00	53.88 -1.72 0.00	54.04 -1.39 0.00	49.95 -1.23 0.00	42.90 -1.15 0.00	42.85 -0.96 0.00	42.44 -0.78 0.00	40.72 -0.96 0.00	38.99 -1.00 0.00	38.90 -1.00 0.00	41.24 -1.01 0.00	42.76 -1.28 0.00	47.01 -1.76 0.00	43.61 -1.63 0.00	42.72 -1.50 0.00	42.72 -1.28 0.00	42.63 -1.23 0.00	42.68 -1.14 0.00	42.68 -1.14 0.00

MILLIKEN___1 23584	44.44 0.66 -0.01	44.26 0.52 0.00	43.81 0.43 0.00	42.98 0.38 0.00	42.44 0.42 0.00	44.79 0.84 0.00	56.93 1.33 0.00	59.20 1.33 -2.44	55.02 1.07 -2.77	46.37 0.66 -1.67	45.39 0.35 -1.22	45.35 0.13 -2.00	42.85 0.04 -1.13	42.86 0.08 -2.79	43.73 0.20 -3.63	48.09 0.42 -5.42	49.09 0.79 -4.25	54.94 1.27 -4.92	50.91 1.18 -4.49	48.86 1.02 -3.62	50.97 0.75 -6.22	49.93 0.61 -5.46	47.21 0.39 -2.99	45.52 0.39 -1.31
MILLIKEN___2 23585	44.44 0.66 -0.01	44.26 0.52 0.00	43.81 0.43 0.00	42.98 0.38 0.00	42.44 0.42 0.00	44.79 0.84 0.00	56.93 1.33 0.00	59.20 1.33 -2.44	55.02 1.07 -2.77	46.37 0.66 -1.67	45.39 0.35 -1.22	45.35 0.13 -2.00	42.85 0.04 -1.13	42.86 0.08 -2.79	43.73 0.20 -3.63	48.09 0.42 -5.42	49.09 0.79 -4.25	54.94 1.27 -4.92	50.91 1.18 -4.49	48.86 1.02 -3.62	50.97 0.75 -6.22	49.93 0.61 -5.46	47.21 0.39 -2.99	45.52 0.39 -1.31
MILLIKEN___DIESEL 23629	44.44 0.66 -0.01	44.26 0.52 0.00	43.81 0.43 0.00	42.98 0.38 0.00	42.44 0.42 0.00	44.79 0.84 0.00	56.93 1.33 0.00	59.20 1.33 -2.44	55.02 1.07 -2.77	46.37 0.66 -1.67	45.39 0.35 -1.22	45.35 0.13 -2.00	42.85 0.04 -1.13	42.86 0.08 -2.79	43.73 0.20 -3.63	48.09 0.42 -5.42	49.09 0.79 -4.25	54.94 1.27 -4.92	50.91 1.18 -4.49	48.86 1.02 -3.62	50.97 0.75 -6.22	49.93 0.61 -5.46	47.21 0.39 -2.99	45.52 0.39 -1.31
MILLSEAT___LFGE 323607	40.41 -3.37 -0.01	40.36 -3.37 0.00	39.82 -3.56 0.00	39.02 -3.58 0.00	38.62 -3.40 0.00	40.96 -2.99 0.00	51.37 -4.23 0.00	52.27 -4.66 -1.50	47.71 -4.40 -0.93	41.19 -3.88 -1.03	39.25 -4.69 -0.12	38.25 -5.10 -0.13	37.33 -4.46 -0.11	36.25 -4.04 -0.30	36.25 -4.03 -0.38	38.25 -4.65 -0.65	42.05 -3.88 -1.88	48.42 -3.75 -3.41	44.91 -3.44 -3.12	43.33 -3.40 -2.51	40.80 -4.00 -0.81	39.99 -4.52 -0.64	39.58 -4.60 -0.36	40.69 -4.03 -0.91
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.77 2.93 -0.06	46.18 2.45 0.00	45.71 2.34 0.00	44.86 2.26 0.00	44.16 2.14 0.00	46.68 2.73 0.00	59.66 4.06 0.00	71.68 4.21 -12.04	67.68 3.99 -12.51	56.18 3.48 -8.66	49.55 3.46 -2.27	49.93 3.33 -3.38	47.20 3.29 -2.23	48.42 3.08 -5.35	50.32 3.03 -7.39	56.17 3.17 -10.75	62.61 3.26 -15.31	77.66 4.00 -24.90	70.84 3.71 -21.89	65.35 3.49 -17.63	60.01 3.30 -12.72	57.99 3.29 -10.84	53.10 3.29 -6.00	53.24 3.07 -6.36
MILLWOOD_13_KV_LOAD 356217	46.86 3.02 -0.06	46.27 2.54 0.00	45.80 2.43 0.00	44.98 2.39 0.00	44.25 2.23 0.00	46.77 2.81 0.00	59.83 4.23 0.00	71.84 4.38 -12.04	67.83 4.15 -12.51	56.31 3.61 -8.66	49.68 3.59 -2.27	50.06 3.46 -3.38	47.28 3.38 -2.23	48.54 3.20 -5.35	50.40 3.11 -7.39	56.26 3.25 -10.75	62.70 3.35 -15.31	77.76 4.10 -24.90	70.93 3.80 -21.89	65.48 3.63 -17.63	60.15 3.43 -12.72	58.08 3.38 -10.84	53.19 3.37 -6.00	53.33 3.15 -6.36
MODEL_CITY_ENERGY 24167	38.97 -4.82 -0.01	38.97 -4.77 0.00	38.43 -4.95 0.00	37.66 -4.94 0.00	37.32 -4.71 0.00	39.47 -4.48 0.00	49.26 -6.34 0.00	49.82 -7.09 -1.49	45.44 -6.55 -0.81	39.43 -5.64 -1.02	37.67 -6.27 -0.12	36.69 -6.66 -0.12	35.91 -5.87 -0.11	34.84 -5.44 -0.29	34.83 -5.43 -0.36	36.68 -6.21 -0.64	40.40 -5.59 -1.96	46.58 -5.75 -3.57	43.17 -5.34 -3.27	41.68 -5.17 -2.63	39.12 -5.68 -0.80	38.40 -6.10 -0.64	38.09 -6.09 -0.36	39.29 -5.48 -0.95
MODERN_LFGE___ 323580	38.97 -4.82 -0.01	38.97 -4.77 0.00	38.43 -4.95 0.00	37.66 -4.94 0.00	37.32 -4.71 0.00	39.47 -4.48 0.00	49.26 -6.34 0.00	49.82 -7.09 -1.49	45.44 -6.55 -0.81	39.43 -5.64 -1.02	37.67 -6.27 -0.12	36.69 -6.66 -0.12	35.91 -5.87 -0.11	34.84 -5.44 -0.29	34.83 -5.43 -0.36	36.68 -6.21 -0.64	40.40 -5.59 -1.96	46.58 -5.75 -3.57	43.17 -5.34 -3.27	41.68 -5.17 -2.63	39.12 -5.68 -0.80	38.40 -6.10 -0.64	38.09 -6.09 -0.36	39.29 -5.48 -0.95
MOHAWK_PAPER___DRP 24187	46.09 2.23 -0.08	45.65 1.92 0.00	45.28 1.91 0.00	44.52 1.92 0.00	43.87 1.85 0.00	46.15 2.20 0.00	58.10 2.50 0.00	72.96 2.38 -15.15	68.42 2.15 -15.09	56.23 1.81 -10.38	48.32 1.67 -2.84	49.07 1.60 -4.24	45.86 1.54 -2.64	48.20 1.48 -6.73	50.71 1.52 -9.29	57.42 1.65 -13.52	65.09 1.81 -19.25	80.87 2.00 -30.11	74.62 1.85 -27.53	68.20 1.81 -22.17	61.75 1.76 -15.99	59.20 1.71 -13.63	53.07 1.71 -7.54	53.74 1.93 -8.00
MOHICAN___35_KV_115KV_LD 80490	46.57 2.71 -0.08	46.09 2.36 0.00	45.71 2.34 0.00	44.90 2.30 0.00	44.21 2.19 0.00	46.77 2.81 0.00	59.32 3.73 0.00	74.59 3.66 -15.50	69.95 3.33 -15.44	57.35 2.69 -10.62	48.92 2.19 -2.91	49.55 1.99 -4.34	46.05 1.67 -2.71	48.52 1.64 -6.89	51.24 1.84 -9.51	58.16 2.07 -13.83	66.11 2.38 -19.70	82.35 2.78 -30.81	76.03 2.62 -28.17	69.47 2.56 -22.69	62.78 2.42 -16.36	60.09 2.28 -13.94	53.72 2.19 -7.71	54.23 2.23 -8.18
MONGAUP___HYD 23641	45.59 1.75 -0.06	45.35 1.62 0.00	44.89 1.52 0.00	44.09 1.49 0.00	43.45 1.43 0.00	45.84 1.89 0.00	58.54 2.94 0.00	69.33 2.77 -11.13	65.00 2.66 -11.16	53.96 2.24 -7.68	47.88 1.97 -2.09	48.16 1.81 -3.12	45.34 1.71 -1.96	46.54 1.60 -4.95	48.41 1.68 -6.83	53.97 1.77 -9.94	60.22 2.03 -14.15	73.62 2.58 -22.28	67.96 2.49 -20.24	62.82 2.30 -16.30	57.82 2.07 -11.76	55.90 2.02 -10.02	51.38 2.02 -5.54	51.62 1.93 -5.88
MONTAUK___DIESEL 23721	60.49 6.52 -10.19	52.33 5.82 -2.78	49.46 5.73 -0.37	49.91 5.58 -1.73	52.74 5.50 -5.22	57.16 6.33 -6.88	83.10 8.73 -18.77	88.18 8.76 -24.00	116.53 8.09 -57.26	69.35 7.00 -18.31	66.88 6.97 -16.09	62.51 6.66 -12.64	51.08 6.42 -2.99	51.46 6.08 -5.39	55.20 6.18 -9.11	63.17 6.42 -14.50	88.78 6.52 -38.22	82.13 7.95 -25.42	74.90 7.51 -22.15	69.75 7.03 -18.50	71.92 6.91 -21.02	67.95 6.84 -17.25	64.85 6.88 -14.16	56.91 6.62 -6.48
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.12 -1.66 -0.01	42.07 -1.66 0.00	41.46 -1.91 0.00	40.55 -2.04 0.00	40.26 -1.76 0.00	42.63 -1.32 0.00	53.43 -2.17 0.00	53.89 -3.27 -1.73	48.82 -3.17 -0.82	42.28 -2.95 -1.19	40.61 -3.33 -0.12	39.88 -3.46 -0.12	38.49 -3.29 -0.11	36.97 -3.32 -0.30	37.02 -3.23 -0.35	39.19 -3.63 -0.58	42.65 -3.57 -2.18	49.63 -3.22 -4.09	45.81 -3.17 -3.74	44.00 -3.23 -3.01	41.05 -3.70 -0.75	40.84 -3.60 -0.58	40.38 -3.77 -0.33	41.53 -3.37 -1.09
MORTIMER_115KV_TB3 55949	41.33 -2.45 -0.01	41.24 -2.49 0.00	40.73 -2.65 0.00	39.96 -2.64 0.00	39.50 -2.52 0.00	41.76 -2.20 0.00	52.71 -2.89 0.00	54.20 -2.72 -1.49	49.78 -2.87 -1.47	42.73 -2.33 -1.02	40.83 -3.11 -0.12	39.83 -3.54 -0.15	38.79 -3.00 -0.12	37.75 -2.56 -0.32	37.84 -2.55 -0.49	39.80 -3.13 -0.67	43.44 -2.25 -1.64	49.58 -2.10 -2.92	46.05 -1.85 -2.67	44.42 -1.95 -2.15	42.41 -2.42 -0.83	41.64 -2.89 -0.67	41.35 -2.85 -0.38	42.01 -2.59 -0.78
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.17 3.33 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.15 2.56 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.21 4.61 0.00	72.34 4.77 -12.15	80.24 4.50 -24.56	66.35 3.96 -18.35	50.27 3.94 -2.51	50.45 3.80 -3.42	50.67 3.71 -5.28	48.92 3.52 -5.41	50.84 3.47 -7.47	56.70 3.59 -10.85	63.19 3.70 -15.45	99.44 4.53 -46.15	71.52 4.21 -22.08	65.99 3.98 -17.79	60.57 3.74 -12.83	58.53 3.73 -10.94	53.60 3.72 -6.06	53.73 3.51 -6.41

MUNSVILLE_WIND_PWR 323609	47.91 4.11 -0.02	47.80 4.07 0.00	47.02 3.64 0.00	46.18 3.58 0.00	45.63 3.61 0.00	48.48 4.53 0.00	62.32 6.72 0.00	65.85 6.65 -3.78	60.93 5.73 -4.02	51.08 4.45 -2.59	48.94 3.99 -1.13	48.38 3.37 -1.78	45.43 2.71 -1.05	45.29 2.68 -2.62	46.20 2.79 -3.51	50.88 3.47 -5.17	53.78 4.27 -5.47	61.95 5.61 -7.59	57.51 5.34 -6.93	54.89 5.08 -5.59	54.57 4.58 -6.00	53.53 4.48 -5.20	50.45 3.77 -2.86	49.43 3.59 -2.01
N SALMON___HYD 24042	44.17 0.39 0.00	44.30 0.57 0.00	43.85 0.48 0.00	42.98 0.38 0.00	42.48 0.46 0.00	44.00 0.04 0.00	55.43 -0.17 0.00	55.59 0.17 0.00	51.23 0.05 0.00	44.00 -0.04 0.00	43.86 0.04 0.00	43.35 0.13 0.00	41.47 -0.21 0.00	39.59 -0.40 0.00	39.46 -0.44 0.00	41.87 -0.38 0.00	43.51 -0.53 0.00	47.88 -0.88 0.00	44.38 -0.86 0.00	43.38 -0.84 0.00	43.34 -0.66 0.00	43.25 -0.61 0.00	43.38 -0.44 0.00	43.77 -0.04 0.00
N.AKRON__115KV_KNAPP 355671	40.37 -3.41 -0.01	40.36 -3.37 0.00	39.82 -3.56 0.00	38.98 -3.62 0.00	38.62 -3.40 0.00	40.96 -2.99 0.00	51.32 -4.28 0.00	52.26 -4.66 -1.49	47.63 -4.45 -0.90	41.14 -3.92 -1.02	39.25 -4.69 -0.12	38.20 -5.14 -0.13	37.28 -4.50 -0.11	36.20 -4.08 -0.29	36.20 -4.07 -0.37	38.20 -4.69 -0.64	42.00 -3.92 -1.88	48.39 -3.80 -3.43	44.85 -3.53 -3.14	43.16 -3.58 -2.53	40.71 -4.09 -0.81	39.94 -4.56 -0.64	39.67 -4.51 -0.36	40.65 -4.08 -0.91
N.BELMOR_69_KV_BK1 55787	57.88 3.98 -10.12	49.97 3.45 -2.78	47.03 3.30 -0.37	47.57 3.24 -1.73	50.35 3.11 -5.22	54.62 3.78 -6.88	69.25 5.39 -8.25	73.14 5.54 -12.18	69.71 5.17 -13.36	60.36 4.54 -11.78	56.80 4.51 -8.47	55.20 4.37 -7.61	48.92 4.25 -2.99	49.38 4.00 -5.39	52.94 3.99 -9.04	57.27 4.14 -10.88	63.64 4.18 -15.42	79.23 5.12 -25.35	72.17 4.89 -22.05	66.49 4.51 -17.76	61.18 4.36 -12.83	59.16 4.30 -11.00	56.76 4.34 -8.61	54.25 4.03 -6.41
N.E_GEN_SANDY PD 24062	53.00 2.27 -6.95	50.55 2.19 -4.63	51.96 2.12 -6.46	51.42 2.13 -6.69	52.76 2.06 -8.68	57.61 2.42 -11.24	66.54 3.28 -7.66	73.00 3.16 -14.42	67.25 2.86 -13.21	56.03 2.51 -9.48	48.95 2.54 -2.60	49.65 2.55 -3.88	46.59 2.50 -2.42	49.30 2.40 -6.91	52.10 2.39 -9.80	57.05 2.45 -12.35	64.22 2.60 -17.58	79.14 2.88 -27.50	73.00 2.62 -25.14	67.03 2.56 -20.25	61.11 2.51 -14.60	58.85 2.54 -12.45	53.20 2.50 -6.89	54.47 2.54 -8.11
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.68 2.85 -0.06	46.09 2.36 0.00	45.63 2.26 0.00	44.77 2.17 0.00	44.08 2.06 0.00	46.59 2.64 0.00	59.55 3.95 0.00	71.17 4.05 -11.70	67.06 3.84 -12.04	55.71 3.35 -8.32	49.35 3.33 -2.20	49.66 3.16 -3.28	46.94 3.13 -2.14	48.11 2.92 -5.20	49.95 2.87 -7.18	55.70 3.00 -10.45	62.04 3.13 -14.87	76.60 3.85 -23.99	70.08 3.57 -21.27	64.71 3.36 -17.13	59.48 3.12 -12.36	57.50 3.11 -10.53	52.75 3.11 -5.83	52.89 2.89 -6.18
N.QUEENS_27_KV_LOAD 356247	47.30 3.46 -0.07	46.76 3.02 -0.01	46.29 2.91 -0.01	45.46 2.85 -0.01	44.75 2.73 0.00	47.34 3.38 0.00	60.39 4.78 -0.01	72.67 5.10 -12.15	77.16 4.91 -21.06	63.89 4.32 -15.54	50.56 4.29 -2.45	50.79 4.15 -3.42	50.12 4.04 -4.41	49.19 3.80 -5.40	51.07 3.71 -7.45	57.03 3.93 -10.84	63.44 3.96 -15.43	93.75 4.97 -40.02	71.92 4.61 -22.07	66.37 4.38 -17.78	60.78 3.96 -12.82	58.69 3.90 -10.93	53.82 3.94 -6.06	53.91 3.68 -6.42
N.TROY___115KV_TB1 355778	46.13 2.28 -0.08	45.70 1.97 0.00	45.32 1.95 0.00	44.52 1.92 0.00	43.91 1.89 0.00	46.19 2.24 0.00	58.44 2.84 0.00	73.38 2.72 -15.24	68.77 2.41 -15.19	56.51 2.03 -10.45	48.56 1.88 -2.86	49.35 1.86 -4.27	46.09 1.75 -2.66	48.48 1.72 -6.77	51.01 1.76 -9.35	57.76 1.90 -13.60	65.48 2.07 -19.37	81.35 2.29 -30.30	75.06 2.13 -27.69	68.60 2.08 -22.31	62.11 2.02 -16.09	59.55 1.97 -13.71	53.37 1.97 -7.59	53.92 2.06 -8.04
NARROWS_GT1_1 24228	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT1_2 24229	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT1_3 24230	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT1_4 24231	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT1_5 24232	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT1_6 24233	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT1_7 24234	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42

NARROWS_GT1_8 24235	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT2_1 24236	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT2_2 24237	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT2_3 24238	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT2_4 24239	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT2_5 24240	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT2_6 24241	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT2_7 24242	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NARROWS_GT2_8 24243	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.86 4.14 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.96 3.11 -0.07	46.49 2.76 0.00	46.15 2.78 0.00	45.37 2.77 0.00	44.67 2.65 0.00	47.12 3.16 0.00	59.05 3.45 0.00	72.21 2.55 -14.24	67.67 2.30 -14.18	55.51 1.72 -9.76	47.80 1.31 -2.67	48.33 1.12 -3.99	45.16 1.00 -2.49	47.35 1.04 -6.32	49.83 1.20 -8.73	56.31 1.35 -12.71	63.80 1.67 -18.09	78.91 1.85 -28.30	72.91 1.81 -25.87	66.78 1.72 -20.83	60.74 1.72 -15.03	58.25 1.58 -12.81	52.44 1.53 -7.08	53.26 1.93 -7.51
NCHELSEA_115KV_TR2 355582	46.95 3.11 -0.06	46.40 2.67 0.00	45.93 2.56 0.00	45.11 2.51 0.00	44.42 2.40 0.00	46.94 2.99 0.00	59.94 4.34 0.00	71.89 4.21 -12.26	67.39 3.99 -12.22	55.92 3.48 -8.40	49.45 3.33 -2.30	49.86 3.20 -3.44	46.86 3.04 -2.14	48.32 2.88 -5.45	50.34 2.91 -7.52	56.24 3.04 -10.94	62.84 3.21 -15.58	77.04 3.90 -24.38	71.18 3.66 -22.28	65.61 3.45 -17.95	60.24 3.30 -12.94	58.14 3.25 -11.03	53.16 3.24 -6.10	53.36 3.07 -6.47
NEG CAPITAL___MECHNVIL 23645	46.39 2.54 -0.08	46.18 2.45 0.00	45.80 2.43 0.00	44.98 2.38 0.00	44.29 2.27 0.00	46.72 2.77 0.00	59.27 3.67 0.00	74.33 3.49 -15.42	69.71 3.17 -15.36	57.25 2.64 -10.56	49.03 2.32 -2.89	49.74 2.20 -4.32	46.37 2.00 -2.69	48.80 1.96 -6.85	51.43 2.07 -9.45	58.29 2.28 -13.76	66.13 2.51 -19.58	82.27 2.88 -30.64	75.91 2.67 -28.01	69.43 2.65 -22.56	62.77 2.51 -16.27	60.18 2.45 -13.86	53.85 2.36 -7.67	54.36 2.41 -8.13
NEG CENTRAL_HIGH_ACRES 23767	41.03 -2.76 -0.01	40.98 -2.75 0.00	40.51 -2.86 0.00	39.75 -2.85 0.00	39.25 -2.77 0.00	41.49 -2.46 0.00	52.49 -3.11 0.00	53.95 -2.94 -1.47	49.64 -2.97 -1.43	42.54 -2.51 -1.01	40.78 -3.20 -0.16	39.89 -3.54 -0.21	38.74 -3.08 -0.15	37.66 -2.72 -0.39	37.80 -2.67 -0.57	39.93 -3.13 -0.81	43.28 -2.42 -1.66	49.30 -2.29 -2.84	45.75 -2.08 -2.59	44.18 -2.12 -2.09	42.41 -2.55 -0.97	41.68 -2.98 -0.80	41.16 -3.11 -0.45	41.77 -2.81 -0.75
NEG CENTRAL___DRP 24199	43.04 -0.74 -0.01	42.99 -0.74 0.00	42.50 -0.87 0.00	41.75 -0.85 0.00	41.22 -0.80 0.00	43.56 -0.40 0.00	55.27 -0.33 0.00	56.68 -0.33 -1.59	52.62 -0.51 -1.96	44.51 -0.62 -1.09	42.88 -1.05 -0.11	42.05 -1.30 -0.13	40.57 -1.21 -0.11	39.33 -0.96 -0.30	39.51 -0.92 -0.53	41.94 -0.97 -0.66	45.23 -0.57 -1.76	51.68 -0.24 -3.16	47.90 -0.23 -2.89	46.19 -0.35 -2.33	44.25 -0.57 -0.83	43.70 -0.83 -0.67	43.19 -1.01 -0.38	43.69 -0.96 -0.84
NEG CENTRAL___INDECK 23768	42.82 -0.96 -0.01	43.12 -0.61 0.00	42.55 -0.83 0.00	41.70 -0.90 0.00	41.27 -0.76 0.00	43.82 -0.13 0.00	55.43 -0.17 0.00	57.24 -0.22 -2.04	56.73 -0.41 -5.97	44.73 -0.71 -1.40	42.17 -1.62 0.03	41.01 -2.07 0.14	39.86 -1.79 0.02	38.42 -1.56 0.01	39.20 -1.43 -0.73	41.07 -1.39 -0.21	45.67 -0.48 -2.11	53.11 0.15 -4.20	49.31 0.23 -3.84	47.36 0.04 -3.09	43.75 -0.57 -0.33	43.01 -1.05 -0.20	42.67 -1.27 -0.12	43.97 -0.96 -1.12

NEG CENTRAL___SENECA 23627	43.00 -0.79 -0.01	42.99 -0.74 0.00	42.50 -0.87 0.00	41.75 -0.85 0.00	41.22 -0.80 0.00	43.65 -0.31 0.00	55.32 -0.28 0.00	56.85 -0.33 -1.76	53.02 -0.51 -2.35	44.54 -0.70 -1.20	42.63 -1.18 0.01	41.66 -1.47 0.09	40.29 -1.38 0.01	38.93 -1.08 -0.02	39.15 -1.00 -0.24	41.32 -1.10 -0.17	45.18 -0.62 -1.76	52.07 -0.20 -3.51	48.26 -0.18 -3.21	46.49 -0.31 -2.58	43.75 -0.53 -0.28	43.11 -0.92 -0.17	42.78 -1.14 -0.11	43.74 -1.01 -0.93
NEG CENTRAL___STATE_STREET 24147	43.39 -0.39 -0.01	43.25 -0.48 0.00	42.81 -0.56 0.00	42.04 -0.55 0.00	41.47 -0.55 0.00	43.78 -0.18 0.00	55.66 0.06 0.00	57.09 0.11 -1.55	52.87 0.00 -1.69	44.93 -0.18 -1.06	43.71 -0.48 -0.37	43.11 -0.69 -0.58	41.35 -0.67 -0.35	40.30 -0.56 -0.87	40.62 -0.48 -1.20	43.53 -0.46 -1.74	46.00 -0.13 -2.09	52.04 0.20 -3.09	48.24 0.18 -2.82	46.58 0.09 -2.27	45.86 -0.18 -2.04	45.26 -0.35 -1.75	44.26 -0.53 -0.97	44.11 -0.53 -0.82
NEG MILLWOOD___DRP 24198	47.21 3.37 -0.06	46.66 2.93 0.00	46.19 2.82 0.00	45.37 2.77 0.00	44.54 2.52 0.00	47.12 3.16 0.00	60.33 4.73 0.00	72.46 4.71 -12.33	67.97 4.50 -12.29	56.36 3.88 -8.45	49.94 3.81 -2.31	50.31 3.63 -3.46	47.29 3.46 -2.15	48.75 3.28 -5.48	50.74 3.27 -7.56	56.68 3.42 -11.01	63.23 3.52 -15.67	77.56 4.29 -24.51	71.67 4.03 -22.41	66.03 3.76 -18.05	60.71 3.70 -13.02	58.55 3.60 -11.09	53.50 3.55 -6.14	53.70 3.37 -6.51
NEG NORTH_FLCN_SEA 23793	44.08 0.31 0.00	44.47 0.74 0.00	44.02 0.65 0.00	43.11 0.51 0.00	42.61 0.59 0.00	44.09 0.13 0.00	55.49 -0.11 0.00	55.48 0.06 0.00	51.18 0.00 0.00	43.95 -0.09 0.00	43.73 -0.09 0.00	43.22 0.00 0.00	41.30 -0.38 0.00	39.43 -0.56 0.00	39.26 -0.64 0.00	41.66 -0.59 0.00	43.34 -0.70 0.00	47.69 -1.07 0.00	44.15 -1.09 0.00	43.20 -1.02 0.00	43.12 -0.88 0.00	43.03 -0.83 0.00	43.20 -0.61 0.00	44.08 0.26 0.00
NEG NORTH_KES_CHATEGAY 23792	43.86 0.09 0.00	44.26 0.52 0.00	43.85 0.48 0.00	42.94 0.34 0.00	42.40 0.38 0.00	43.87 -0.09 0.00	55.21 -0.39 0.00	55.15 -0.28 0.00	50.87 -0.31 0.00	43.69 -0.35 0.00	43.51 -0.31 0.00	43.01 -0.22 0.00	41.13 -0.54 0.00	39.23 -0.76 0.00	39.06 -0.84 0.00	41.49 -0.76 0.00	43.12 -0.92 0.00	47.40 -1.37 0.00	43.88 -1.36 0.00	42.94 -1.28 0.00	42.94 -1.06 0.00	42.85 -1.01 0.00	42.99 -0.83 0.00	43.56 -0.26 0.00
NEG NORTH___ALICE_FALLS 23915	44.34 0.57 0.00	44.69 0.96 0.00	44.24 0.87 0.00	43.32 0.72 0.00	42.82 0.80 0.00	44.35 0.40 0.00	55.88 0.28 0.00	55.87 0.44 0.00	51.54 0.36 0.00	44.26 0.22 0.00	44.04 0.22 0.00	43.52 0.30 0.00	41.59 -0.08 0.00	39.67 -0.32 0.00	39.54 -0.36 0.00	41.96 -0.30 0.00	43.69 -0.35 0.00	48.08 -0.68 0.00	44.51 -0.72 0.00	43.56 -0.66 0.00	43.47 -0.53 0.00	43.34 -0.53 0.00	43.47 -0.35 0.00	44.26 0.44 0.00
NEG NORTH___LWR_SARANAC 23913	44.34 0.57 0.00	44.69 0.96 0.00	44.24 0.87 0.00	43.32 0.72 0.00	42.82 0.80 0.00	44.35 0.40 0.00	55.88 0.28 0.00	55.87 0.44 0.00	51.54 0.36 0.00	44.26 0.22 0.00	44.04 0.22 0.00	43.52 0.30 0.00	41.59 -0.08 0.00	39.67 -0.32 0.00	39.54 -0.36 0.00	41.96 -0.30 0.00	43.69 -0.35 0.00	48.08 -0.68 0.00	44.51 -0.72 0.00	43.56 -0.66 0.00	43.47 -0.53 0.00	43.34 -0.53 0.00	43.47 -0.35 0.00	44.26 0.44 0.00
NEG NORTH___PLATTSBURG 23628	44.56 0.79 0.00	44.69 0.96 0.00	44.24 0.87 0.00	43.32 0.72 0.00	42.82 0.80 0.00	44.39 0.44 0.00	55.88 0.28 0.00	55.92 0.50 0.00	51.54 0.36 0.00	44.26 0.22 0.00	44.04 0.22 0.00	43.53 0.30 0.00	41.59 -0.08 0.00	39.67 -0.32 0.00	39.54 -0.36 0.00	41.96 -0.29 0.00	43.64 -0.40 0.00	48.08 -0.68 0.00	44.51 -0.73 0.00	43.56 -0.66 0.00	43.47 -0.53 0.00	43.38 -0.48 0.00	43.51 -0.30 0.00	44.26 0.44 0.00
NEG WEST_LEA_LOCKPORT 23791	39.45 -4.33 -0.01	39.49 -4.24 0.00	38.95 -4.42 0.00	38.13 -4.47 0.00	37.78 -4.24 0.00	40.00 -3.96 0.00	49.93 -5.67 0.00	50.60 -6.32 -1.49	45.98 -5.99 -0.79	39.96 -5.11 -1.02	38.19 -5.74 -0.11	37.20 -6.14 -0.12	36.36 -5.42 -0.11	35.28 -5.00 -0.29	35.26 -4.99 -0.35	37.18 -5.70 -0.63	40.91 -5.06 -1.93	47.18 -5.12 -3.54	43.68 -4.80 -3.24	42.09 -4.73 -2.61	39.56 -5.24 -0.80	38.88 -5.61 -0.64	38.66 -5.52 -0.36	39.76 -5.00 -0.94
NEG WEST___LANCASTR 23811	41.25 -2.54 -0.01	41.19 -2.54 0.00	40.64 -2.73 0.00	39.79 -2.81 0.00	39.46 -2.56 0.00	41.76 -2.20 0.00	52.32 -3.28 0.00	51.38 -5.76 -1.72	46.93 -5.12 -0.87	40.16 -5.06 -1.18	39.51 -4.43 -0.12	39.28 -4.06 -0.12	37.25 -4.54 -0.12	35.14 -5.16 -0.31	35.24 -5.03 -0.37	38.67 -4.23 -0.64	40.77 -5.46 -2.19	47.47 -5.36 -4.07	43.89 -5.07 -3.72	42.17 -5.04 -3.00	39.28 -5.54 -0.83	39.55 -4.96 -0.65	38.75 -5.43 -0.37	39.55 -5.35 -1.08
NEG_PENN_ALLEGHNY 23528	43.66 -0.13 -0.02	43.60 -0.13 0.00	43.16 -0.22 0.00	42.34 -0.25 0.00	41.81 -0.21 0.00	44.04 0.09 0.00	55.88 0.28 0.00	59.33 0.00 -3.91	55.03 -0.10 -3.95	46.46 -0.26 -2.68	44.13 -0.44 -0.75	43.77 -0.56 -1.11	41.82 -0.54 -0.69	41.15 -0.60 -1.76	41.82 -0.52 -2.44	45.42 -0.38 -3.55	48.87 -0.22 -5.05	56.74 0.10 -7.88	52.53 0.09 -7.21	50.07 0.04 -5.80	47.92 -0.26 -4.19	47.17 -0.26 -3.57	45.40 -0.40 -1.97	45.52 -0.40 -2.09
NEG___GEN_MONROE 24207	41.33 -2.45 -0.01	41.33 -2.41 0.00	40.81 -2.56 0.00	39.96 -2.64 0.00	39.54 -2.48 0.00	41.84 -2.11 0.00	52.71 -2.89 0.00	53.98 -2.94 -1.49	49.47 -3.02 -1.31	42.47 -2.60 -1.02	40.48 -3.46 -0.12	39.48 -3.89 -0.15	38.58 -3.21 -0.12	37.50 -2.80 -0.32	37.53 -2.83 -0.46	39.46 -3.46 -0.67	43.10 -2.60 -1.66	49.22 -2.49 -2.95	45.67 -2.26 -2.69	44.05 -2.34 -2.17	41.96 -2.86 -0.83	41.20 -3.33 -0.67	41.00 -3.20 -0.38	41.71 -2.89 -0.78
NEPA___ENERGY 23901	41.03 -2.76 -0.01	40.93 -2.80 0.00	40.42 -2.95 0.00	39.57 -3.02 0.00	39.25 -2.77 0.00	41.49 -2.46 0.00	52.04 -3.56 0.00	52.43 -4.77 -1.77	47.53 -4.55 -0.91	41.12 -4.14 -1.22	39.65 -4.29 -0.12	38.93 -4.41 -0.12	37.62 -4.17 -0.11	36.18 -4.12 -0.31	36.16 -4.11 -0.37	38.60 -4.31 -0.66	41.97 -4.32 -2.24	48.83 -4.10 -4.16	45.15 -3.89 -3.81	43.44 -3.85 -3.07	40.45 -4.40 -0.85	40.18 -4.34 -0.67	39.73 -4.47 -0.38	40.76 -4.16 -1.11
NEVERSINK___HYD 23608	46.41 2.58 -0.06	46.13 2.40 0.00	45.67 2.30 0.00	44.81 2.21 0.00	44.16 2.14 0.00	46.72 2.77 0.00	59.88 4.28 0.00	70.54 4.16 -10.95	66.04 3.94 -10.92	54.85 3.30 -7.51	48.90 3.02 -2.06	49.14 2.85 -3.07	46.26 2.67 -1.91	46.22 1.36 -4.87	48.06 1.43 -6.72	53.51 1.48 -9.78	59.68 1.72 -13.93	72.84 2.29 -21.79	67.37 2.22 -19.91	62.25 1.99 -16.04	57.37 1.80 -11.57	56.74 3.02 -9.86	52.29 3.02 -5.45	52.41 2.81 -5.78
NEWKRMKL_115KV_TB1 55635	45.82 1.97 -0.08	45.44 1.71 0.00	45.06 1.69 0.00	44.30 1.70 0.00	43.66 1.64 0.00	45.93 1.98 0.00	57.49 1.89 0.00	72.26 1.72 -15.12	67.78 1.54 -15.06	55.72 1.32 -10.36	47.92 1.27 -2.84	48.63 1.17 -4.24	45.48 1.17 -2.64	47.83 1.12 -6.72	50.25 1.08 -9.27	56.89 1.14 -13.49	64.57 1.32 -19.21	80.23 1.41 -30.06	74.02 1.31 -27.47	67.67 1.33 -22.13	61.19 1.23 -15.96	58.65 1.18 -13.60	52.57 1.23 -7.52	53.33 1.53 -7.98

NEWTON___FALLS_HYD 23847	42.68 -1.09 0.00	42.77 -0.96 0.00	42.37 -1.00 0.00	41.62 -0.98 0.00	41.14 -0.88 0.00	42.94 -1.01 0.00	54.60 -1.00 0.00	55.25 -0.50 -0.33	50.99 -0.51 -0.33	43.60 -0.66 -0.22	43.18 -0.70 -0.06	42.71 -0.61 -0.09	40.90 -0.83 -0.06	39.13 -1.00 -0.15	39.30 -0.80 -0.20	41.83 -0.72 -0.29	43.71 -0.75 -0.42	48.39 -1.02 -0.65	44.88 -0.95 -0.60	43.77 -0.93 -0.48	43.42 -0.92 -0.35	43.19 -0.96 -0.29	42.97 -1.01 -0.16	42.94 -1.05 -0.17
NGRID_A1_DSASP 323792	38.49 -5.30 -0.01	38.48 -5.25 0.00	37.95 -5.42 0.00	37.19 -5.41 0.00	36.85 -5.17 0.00	38.99 -4.97 0.00	48.59 -7.01 0.00	49.28 -7.59 -1.44	45.37 -6.60 -0.79	38.91 -6.12 -0.99	37.19 -6.75 -0.12	36.21 -7.13 -0.12	35.49 -6.29 -0.11	34.52 -5.76 -0.29	34.47 -5.79 -0.35	36.22 -6.67 -0.64	40.06 -5.95 -1.97	46.07 -6.29 -3.60	42.69 -5.84 -3.29	41.25 -5.62 -2.65	38.73 -6.07 -0.81	37.92 -6.58 -0.64	37.65 -6.53 -0.36	38.95 -5.83 -0.95
NGRID_A2_DSASP 323793	38.49 -5.30 -0.01	38.48 -5.25 0.00	37.95 -5.42 0.00	37.19 -5.41 0.00	36.85 -5.17 0.00	38.99 -4.97 0.00	48.59 -7.01 0.00	49.28 -7.59 -1.44	45.37 -6.60 -0.79	38.91 -6.12 -0.99	37.19 -6.75 -0.12	36.21 -7.13 -0.12	35.49 -6.29 -0.11	34.52 -5.76 -0.29	34.47 -5.79 -0.35	36.22 -6.67 -0.64	40.06 -5.95 -1.97	46.07 -6.29 -3.60	42.69 -5.84 -3.29	41.25 -5.62 -2.65	38.73 -6.07 -0.81	37.92 -6.58 -0.64	37.65 -6.53 -0.36	38.95 -5.83 -0.95
NGRID_A4_DSASP 323807	38.49 -5.30 -0.01	38.48 -5.25 0.00	37.95 -5.42 0.00	37.19 -5.41 0.00	36.85 -5.17 0.00	38.99 -4.97 0.00	48.59 -7.01 0.00	49.28 -7.59 -1.44	45.37 -6.60 -0.79	38.91 -6.12 -0.99	37.19 -6.75 -0.12	36.21 -7.13 -0.12	35.49 -6.29 -0.11	34.52 -5.76 -0.29	34.47 -5.79 -0.35	36.22 -6.67 -0.64	40.06 -5.95 -1.97	46.07 -6.29 -3.60	42.69 -5.84 -3.29	41.25 -5.62 -2.65	38.73 -6.07 -0.81	37.92 -6.58 -0.64	37.65 -6.53 -0.36	38.95 -5.83 -0.95
NIAGARA_115E_LBMP 323715	38.66 -5.12 -0.01	38.66 -5.07 0.00	38.17 -5.21 0.00	37.36 -5.24 0.00	37.02 -5.00 0.00	39.16 -4.79 0.00	48.87 -6.73 0.00	49.43 -7.48 -1.49	45.07 -6.91 -0.80	39.07 -5.99 -1.02	37.36 -6.57 -0.12	36.38 -6.96 -0.12	35.62 -6.17 -0.11	34.60 -5.68 -0.29	34.55 -5.71 -0.35	36.39 -6.51 -0.64	40.07 -5.95 -1.97	46.22 -6.15 -3.60	42.83 -5.70 -3.29	41.39 -5.48 -2.65	38.82 -5.98 -0.80	38.09 -6.41 -0.64	37.78 -6.40 -0.36	39.04 -5.74 -0.96
NIAGARA_115W_LBMP 323714	38.40 -5.39 -0.01	38.39 -5.34 0.00	37.86 -5.51 0.00	37.10 -5.50 0.00	36.72 -5.30 0.00	38.86 -5.10 0.00	48.43 -7.17 0.00	49.10 -7.76 -1.44	45.32 -6.65 -0.79	38.77 -6.25 -0.99	37.10 -6.83 -0.12	36.08 -7.26 -0.12	35.37 -6.42 -0.11	34.44 -5.84 -0.29	34.39 -5.86 -0.36	36.14 -6.76 -0.64	39.93 -6.08 -1.97	45.97 -6.39 -3.59	42.60 -5.92 -3.28	41.12 -5.75 -2.64	38.64 -6.16 -0.81	37.84 -6.67 -0.64	37.56 -6.62 -0.36	38.86 -5.92 -0.95
NIAGARA_230_LBMP 323716	39.06 -4.73 -0.01	39.05 -4.68 0.00	38.52 -4.86 0.00	37.74 -4.86 0.00	37.40 -4.62 0.00	39.56 -4.39 0.00	49.32 -6.28 0.00	49.83 -6.98 -1.39	45.35 -6.65 -0.82	39.49 -5.51 -0.96	37.80 -6.13 -0.12	36.82 -6.53 -0.13	36.03 -5.75 -0.11	35.00 -5.28 -0.29	34.96 -5.31 -0.36	36.82 -6.08 -0.65	40.57 -5.42 -1.95	46.75 -5.56 -3.55	43.32 -5.16 -3.24	41.83 -5.00 -2.61	39.31 -5.50 -0.81	38.54 -5.96 -0.65	38.27 -5.92 -0.37	39.46 -5.30 -0.94
NIAGARA___115KV_198_GIBSON 55903	38.36 -5.43 -0.01	38.35 -5.38 0.00	37.86 -5.51 0.00	37.10 -5.50 0.00	36.77 -5.25 0.00	38.85 -5.10 0.00	48.43 -7.17 0.00	49.04 -7.81 -1.43	45.31 -6.65 -0.79	38.77 -6.25 -0.98	37.10 -6.84 -0.12	36.08 -7.26 -0.12	35.37 -6.42 -0.11	34.44 -5.84 -0.29	34.39 -5.87 -0.35	36.09 -6.80 -0.64	39.83 -6.17 -1.96	45.96 -6.39 -3.59	42.59 -5.93 -3.28	41.03 -5.84 -2.64	38.56 -6.25 -0.81	37.84 -6.67 -0.64	37.70 -6.49 -0.36	38.86 -5.92 -0.95
NIAGARA____ 23760	39.06 -4.73 -0.01	39.05 -4.68 0.00	38.52 -4.86 0.00	37.74 -4.86 0.00	37.40 -4.62 0.00	39.56 -4.39 0.00	49.32 -6.28 0.00	49.87 -6.98 -1.43	45.34 -6.65 -0.81	39.52 -5.51 -0.98	37.80 -6.13 -0.12	36.82 -6.53 -0.12	36.03 -5.75 -0.11	35.00 -5.28 -0.29	34.95 -5.31 -0.36	36.82 -6.08 -0.65	40.58 -5.42 -1.96	46.77 -5.56 -3.57	43.35 -5.16 -3.27	41.85 -5.00 -2.63	39.30 -5.50 -0.81	38.54 -5.96 -0.64	38.26 -5.92 -0.36	39.47 -5.30 -0.95
NINE_MILE_1 23575	41.98 -1.80 0.00	41.94 -1.79 0.00	41.55 -1.82 0.00	40.81 -1.79 0.00	40.26 -1.76 0.00	42.24 -1.71 0.00	53.54 -2.06 0.00	54.14 -2.05 -0.77	49.99 -1.94 -0.76	42.85 -1.72 -0.52	42.08 -1.88 -0.14	41.49 -1.94 -0.21	39.97 -1.83 -0.13	38.61 -1.72 -0.34	38.69 -1.67 -0.47	41.11 -1.82 -0.68	43.33 -1.67 -0.96	48.55 -1.71 -1.50	45.02 -1.58 -1.37	43.73 -1.59 -1.10	43.08 -1.72 -0.79	42.70 -1.84 -0.68	42.31 -1.88 -0.37	42.42 -1.80 -0.40
NINE_MILE_2 23744	41.98 -1.80 0.00	41.94 -1.79 0.00	41.55 -1.82 0.00	40.81 -1.79 0.00	40.26 -1.76 0.00	42.24 -1.71 0.00	53.54 -2.06 0.00	54.14 -2.05 -0.76	49.99 -1.94 -0.76	42.85 -1.72 -0.52	42.08 -1.88 -0.14	41.49 -1.94 -0.21	39.97 -1.83 -0.13	38.61 -1.72 -0.34	38.69 -1.67 -0.46	41.11 -1.82 -0.68	43.33 -1.67 -0.96	48.55 -1.71 -1.49	45.02 -1.58 -1.37	43.73 -1.59 -1.10	43.07 -1.72 -0.79	42.74 -1.80 -0.68	42.31 -1.88 -0.37	42.42 -1.80 -0.40
NM_CAPITAL___DRP 24208	45.82 1.97 -0.08	45.44 1.71 0.00	45.06 1.69 0.00	44.30 1.70 0.00	43.66 1.64 0.00	45.93 1.98 0.00	57.60 2.00 0.00	72.39 1.88 -15.09	67.84 1.64 -15.03	55.79 1.41 -10.34	48.01 1.36 -2.83	48.74 1.30 -4.23	45.60 1.29 -2.63	47.93 1.24 -6.70	50.39 1.24 -9.25	57.02 1.31 -13.46	64.66 1.45 -19.16	80.30 1.56 -29.98	74.09 1.45 -27.41	67.71 1.42 -22.07	61.33 1.41 -15.92	58.79 1.36 -13.57	52.73 1.40 -7.51	53.44 1.67 -7.96
NM_CENTRAL___DRP 24181	42.86 -0.92 -0.01	42.72 -1.01 0.00	42.33 -1.04 0.00	41.58 -1.02 0.00	41.01 -1.01 0.00	43.16 -0.79 0.00	54.77 -0.83 0.00	55.68 -0.83 -1.09	51.39 -0.87 -1.08	43.95 -0.84 -0.74	42.97 -1.05 -0.20	42.32 -1.21 -0.30	40.74 -1.13 -0.19	39.47 -1.00 -0.48	39.61 -0.96 -0.67	42.21 -1.01 -0.97	44.63 -0.79 -1.38	50.28 -0.63 -2.16	46.62 -0.59 -1.97	45.14 -0.66 -1.59	44.31 -0.84 -1.15	43.87 -0.96 -0.98	43.31 -1.05 -0.54	43.38 -1.01 -0.57
NM_FRONTIER___DRP 24179	38.36 -5.43 -0.01	38.35 -5.38 0.00	37.86 -5.51 0.00	37.10 -5.50 0.00	36.77 -5.25 0.00	38.85 -5.10 0.00	48.43 -7.17 0.00	49.04 -7.81 -1.43	45.31 -6.65 -0.79	38.77 -6.25 -0.98	37.10 -6.84 -0.12	36.08 -7.26 -0.12	35.37 -6.42 -0.11	34.44 -5.84 -0.29	34.39 -5.87 -0.35	36.09 -6.80 -0.64	39.83 -6.17 -1.96	45.96 -6.39 -3.59	42.59 -5.93 -3.28	41.03 -5.84 -2.64	38.56 -6.25 -0.81	37.84 -6.67 -0.64	37.70 -6.49 -0.36	38.86 -5.92 -0.95
NM_ST_REGIS___HYD 24053	42.81 -0.96 0.00	43.16 -0.57 0.00	42.77 -0.61 0.00	42.00 -0.60 0.00	41.52 -0.50 0.00	42.99 -0.97 0.00	54.27 -1.33 0.00	54.31 -1.11 0.00	50.21 -0.97 0.00	43.12 -0.92 0.00	43.07 -0.74 0.00	42.66 -0.56 0.00	40.88 -0.79 0.00	39.11 -0.88 0.00	39.02 -0.88 0.00	41.41 -0.85 0.00	42.94 -1.10 0.00	47.20 -1.56 0.00	43.74 -1.49 0.00	42.89 -1.33 0.00	42.85 -1.14 0.00	42.81 -1.05 0.00	42.85 -0.96 0.00	42.94 -0.88 0.00

NORTHPORT___1 23551	57.41 3.50 -10.13	49.89 3.37 -2.79	47.00 3.25 -0.37	47.49 3.15 -1.74	50.27 3.03 -5.23	54.40 3.56 -6.89	68.83 4.95 -8.28	72.29 4.82 -12.05	69.32 4.71 -13.43	60.14 4.32 -11.78	56.52 4.21 -8.49	54.96 4.11 -7.63	48.92 4.25 -2.99	49.34 3.96 -5.39	52.90 3.95 -9.05	56.94 3.80 -10.88	62.56 3.48 -15.04	78.40 4.34 -25.30	71.36 4.07 -22.05	65.73 3.76 -17.75	60.24 3.52 -12.72	58.64 3.77 -11.01	56.52 4.08 -8.63	54.17 3.95 -6.41
NORTHPORT___2 23552	57.41 3.50 -10.13	49.89 3.37 -2.79	47.00 3.25 -0.37	47.49 3.15 -1.74	50.27 3.03 -5.23	54.40 3.56 -6.89	68.83 4.95 -8.28	72.43 4.82 -12.18	69.32 4.71 -13.43	60.14 4.32 -11.78	56.52 4.21 -8.49	54.96 4.11 -7.63	48.92 4.25 -2.99	49.34 3.96 -5.39	52.90 3.95 -9.05	56.94 3.80 -10.88	62.94 3.48 -15.42	78.40 4.34 -25.30	71.36 4.07 -22.05	65.74 3.76 -17.76	60.35 3.52 -12.83	58.64 3.77 -11.01	56.52 4.08 -8.63	54.17 3.95 -6.41
NORTHPORT___3 23553	57.70 3.81 -10.12	50.15 3.63 -2.79	47.22 3.47 -0.37	47.70 3.36 -1.74	50.53 3.28 -5.23	54.75 3.91 -6.89	70.00 5.84 -8.57	72.86 5.87 -11.56	71.40 5.58 -14.64	60.93 4.93 -11.95	57.38 4.86 -8.70	55.70 4.71 -7.76	49.13 4.46 -2.99	49.58 4.20 -5.39	53.14 4.19 -9.05	57.67 4.44 -10.98	61.87 4.36 -13.47	78.88 4.83 -25.29	72.12 4.84 -22.04	66.52 4.60 -17.70	60.83 4.53 -12.30	59.60 4.56 -11.17	57.28 4.69 -8.77	54.51 4.30 -6.40
NORTHPORT___4 23650	57.70 3.81 -10.12	50.15 3.63 -2.79	47.22 3.47 -0.37	47.70 3.36 -1.74	50.53 3.28 -5.23	54.75 3.91 -6.89	70.00 5.84 -8.57	72.86 5.87 -11.56	71.40 5.58 -14.64	60.93 4.93 -11.95	57.38 4.86 -8.70	55.70 4.71 -7.76	49.13 4.46 -2.99	49.58 4.20 -5.39	53.14 4.19 -9.05	57.67 4.44 -10.98	61.87 4.36 -13.47	78.88 4.83 -25.29	72.12 4.84 -22.04	66.52 4.60 -17.70	60.83 4.53 -12.30	59.60 4.56 -11.17	57.28 4.69 -8.77	54.51 4.30 -6.40
NORTHPORT___IC 23718	57.41 3.50 -10.13	49.89 3.37 -2.79	47.00 3.25 -0.37	47.49 3.15 -1.74	50.27 3.03 -5.23	54.40 3.56 -6.89	68.83 4.95 -8.28	72.43 4.82 -12.18	69.32 4.71 -13.43	60.14 4.32 -11.78	56.52 4.21 -8.49	54.96 4.11 -7.63	48.92 4.25 -2.99	49.34 3.96 -5.39	52.90 3.95 -9.05	56.94 3.80 -10.88	62.94 3.48 -15.42	78.40 4.34 -25.30	71.36 4.07 -22.05	65.74 3.76 -17.76	60.35 3.52 -12.83	58.64 3.77 -11.01	56.52 4.08 -8.63	54.17 3.95 -6.41
NORTH___COUNTRY_ESR 323785	43.95 0.18 0.00	44.04 0.31 0.00	43.68 0.31 0.00	42.81 0.21 0.00	42.23 0.21 0.00	43.73 -0.22 0.00	54.94 -0.66 0.00	54.92 -0.50 0.00	50.62 -0.56 0.00	43.51 -0.53 0.00	43.34 -0.48 0.00	42.83 -0.39 0.00	41.01 -0.67 0.00	39.11 -0.88 0.00	38.94 -0.96 0.00	41.32 -0.93 0.00	42.90 -1.15 0.00	47.15 -1.61 0.00	43.70 -1.54 0.00	42.72 -1.50 0.00	42.72 -1.28 0.00	42.72 -1.14 0.00	42.85 -0.96 0.00	43.42 -0.40 0.00
NPX_GEN_1385_PROXY 323591	56.97 3.06 -10.13	49.89 3.37 -2.79	47.00 3.25 -0.37	47.49 3.15 -1.74	50.06 2.82 -5.23	54.01 3.17 -6.89	68.33 4.45 -8.28	73.51 5.32 -12.76	68.28 4.25 -12.85	59.74 3.92 -11.78	56.12 3.81 -8.49	54.57 3.72 -7.63	49.00 4.33 -2.99	49.34 3.96 -5.39	52.82 3.87 -9.05	56.69 3.55 -10.88	63.03 3.57 -15.42	78.35 4.29 -25.30	71.45 4.16 -22.05	65.65 3.67 -17.76	60.30 3.47 -12.83	58.60 3.73 -11.01	56.47 4.03 -8.63	54.08 3.86 -6.41
NPX_GEN_CSC 323557	58.44 4.47 -10.20	50.72 4.20 -2.79	47.95 4.21 -0.37	48.43 4.09 -1.74	51.28 4.03 -5.23	55.41 4.57 -6.89	80.62 6.28 -18.74	86.22 6.26 -24.54	113.55 5.88 -56.49	67.63 5.33 -18.27	65.15 5.26 -16.07	60.99 5.14 -12.63	49.71 5.04 -2.99	50.14 4.76 -5.39	53.77 4.75 -9.12	61.51 4.77 -14.49	86.81 4.62 -38.15	79.78 5.65 -25.37	72.72 5.34 -22.15	67.71 5.00 -18.50	69.87 4.88 -20.99	66.04 4.95 -17.23	63.09 5.12 -14.15	55.29 4.99 -6.48
NSINS_S_GLNS_FALLS 23858	46.48 2.63 -0.08	46.00 2.27 0.00	45.63 2.26 0.00	44.81 2.22 0.00	44.08 2.06 0.00	46.68 2.73 0.00	59.21 3.61 0.00	74.43 3.49 -15.51	69.86 3.22 -15.45	57.27 2.60 -10.63	48.83 2.10 -2.91	49.43 1.86 -4.35	45.97 1.58 -2.71	48.44 1.56 -6.89	51.17 1.76 -9.51	58.08 1.99 -13.84	66.04 2.29 -19.71	82.28 2.68 -30.83	75.95 2.53 -28.18	69.40 2.48 -22.70	62.70 2.33 -16.37	60.01 2.19 -13.95	53.60 2.06 -7.72	54.11 2.10 -8.19
NUCOR_STEEL___DRP 24197	43.48 -0.31 -0.01	43.34 -0.39 0.00	42.90 -0.48 0.00	42.09 -0.51 0.00	41.56 -0.46 0.00	43.78 -0.18 0.00	55.60 0.00 0.00	56.97 0.06 -1.49	52.56 -0.10 -1.48	44.84 -0.22 -1.02	43.67 -0.53 -0.38	43.07 -0.73 -0.58	41.36 -0.67 -0.35	40.31 -0.56 -0.88	40.56 -0.52 -1.18	43.49 -0.51 -1.74	45.90 -0.18 -2.03	51.86 0.15 -2.96	48.08 0.14 -2.70	46.44 0.04 -2.18	45.81 -0.22 -2.04	45.22 -0.39 -1.75	44.26 -0.53 -0.97	44.12 -0.48 -0.78
NUMBER_THREE_WT_PWR 323818	43.95 0.18 0.00	43.86 0.13 0.00	43.42 0.04 0.00	42.64 0.04 0.00	42.10 0.08 0.00	44.26 0.31 0.00	56.60 1.00 0.00	57.58 1.83 -0.33	53.04 1.53 -0.33	45.19 0.93 -0.23	44.54 0.66 -0.06	44.00 0.69 -0.09	42.15 0.42 -0.06	40.18 0.04 -0.15	40.50 0.40 -0.20	43.18 0.63 -0.29	45.39 0.93 -0.42	50.39 0.73 -0.90	46.74 0.68 -0.82	45.50 0.62 -0.66	44.91 0.44 -0.48	44.62 0.35 -0.41	44.22 0.18 -0.22	44.10 0.04 -0.24
NYISO_LBMP_REFERENCE 24008	43.77 0.00 0.00	43.73 0.00 0.00	43.37 0.00 0.00	42.60 0.00 0.00	42.02 0.00 0.00	43.95 0.00 0.00	55.60 0.00 0.00	55.42 0.00 0.00	51.18 0.00 0.00	44.04 0.00 0.00	43.82 0.00 0.00	43.22 0.00 0.00	41.67 0.00 0.00	39.99 0.00 0.00	39.90 0.00 0.00	42.25 0.00 0.00	44.04 0.00 0.00	48.76 0.00 0.00	45.24 0.00 0.00	44.22 0.00 0.00	44.00 0.00 0.00	43.86 0.00 0.00	43.82 0.00 0.00	43.82 0.00 0.00
NYPA_BRENTWD___GT 24164	58.12 4.20 -10.14	50.54 4.02 -2.79	47.60 3.86 -0.37	48.09 3.75 -1.74	50.90 3.65 -5.23	55.15 4.31 -6.89	72.26 6.06 -10.60	76.17 6.04 -14.70	80.00 5.73 -23.08	62.36 5.11 -13.21	59.03 5.04 -10.17	56.80 4.84 -8.74	49.50 4.83 -2.99	49.90 4.52 -5.39	53.52 4.55 -9.07	58.50 4.56 -11.68	68.70 4.45 -20.22	79.53 5.46 -25.31	72.42 5.11 -22.07	66.91 4.78 -17.92	63.14 4.58 -14.57	60.94 4.70 -12.38	58.53 4.86 -9.85	54.84 4.60 -6.42
NYPA_GOWANUS___GT5 24156	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.82 4.10 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42
NYPA_GOWANUS___GT6 24157	47.22 3.37 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.54 2.94 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.72 5.11 -0.01	72.78 5.21 -12.15	79.04 4.91 -22.95	65.37 4.27 -17.06	113.67 4.30 -65.56	50.83 4.19 -3.42	57.69 4.04 -11.97	81.98 3.84 -38.15	110.94 3.79 -67.24	78.08 3.93 -31.90	141.82 4.10 -93.68	131.37 4.92 -77.69	154.48 4.62 -104.63	127.00 4.42 -78.36	106.93 4.18 -58.75	75.75 4.08 -27.81	81.46 4.16 -33.47	54.22 3.99 -6.42

NYPA_HARLEM__RVR__GT1 24160	47.00 3.15 -0.07	46.75 3.02 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.71 2.69 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.50 4.93 -12.14	69.45 4.76 -13.51	57.63 4.14 -9.45	50.29 4.16 -2.31	50.61 3.97 -3.41	48.03 3.88 -2.48	49.07 3.68 -5.40	50.95 3.59 -7.46	56.86 3.76 -10.84	63.35 3.88 -15.44	106.54 4.78 -52.99	71.74 4.44 -22.07	66.20 4.20 -17.78	60.65 3.83 -12.82	58.48 3.68 -10.93	53.68 3.81 -6.05	53.83 3.59 -6.42
NYPA_HARLEM__RVR__GT2 24161	47.00 3.15 -0.07	46.75 3.02 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.71 2.69 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.50 4.93 -12.14	69.45 4.76 -13.51	57.63 4.14 -9.45	50.29 4.16 -2.31	50.61 3.97 -3.41	48.03 3.88 -2.48	49.07 3.68 -5.40	50.95 3.59 -7.46	56.86 3.76 -10.84	63.35 3.88 -15.44	106.54 4.78 -52.99	71.74 4.44 -22.07	66.20 4.20 -17.78	60.65 3.83 -12.82	58.48 3.68 -10.93	53.68 3.81 -6.05	53.83 3.59 -6.42
NYPA_KENT____GT 24152	47.17 3.33 -0.07	46.84 3.11 -0.01	46.37 2.99 -0.01	45.46 2.85 -0.01	44.79 2.77 0.00	47.34 3.38 0.00	60.67 5.06 -0.01	72.73 5.16 -12.15	78.99 4.86 -22.95	65.32 4.23 -17.06	91.07 4.25 -43.01	50.75 4.11 -3.42	54.61 4.00 -8.94	70.25 3.80 -26.46	89.56 3.75 -45.90	70.52 3.88 -24.39	113.84 4.05 -65.75	116.58 4.83 -62.99	124.92 4.52 -75.16	105.29 4.34 -56.74	88.03 4.09 -39.94	68.76 3.99 -20.91	69.65 4.08 -21.75	54.13 3.90 -6.42
NYPA_POUCH1____GT 24155	47.13 3.28 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.71 2.69 0.00	47.25 3.30 0.00	60.55 4.95 -0.01	72.57 4.99 -12.15	78.79 4.66 -22.95	65.15 4.05 -17.06	115.42 4.08 -67.52	50.62 3.97 -3.42	57.49 3.79 -12.03	82.84 3.68 -39.17	112.65 3.63 -69.11	77.91 3.76 -31.90	141.69 3.97 -93.68	131.13 4.68 -77.69	154.30 4.44 -104.63	126.82 4.25 -78.36	106.75 4.00 -58.75	75.66 3.99 -27.81	81.32 4.03 -23.47	54.09 3.86 -6.42
NYPA_VERNON____GT2 24162	47.09 3.24 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.71 2.69 0.00	47.29 3.34 0.00	60.56 4.95 -0.01	72.67 5.10 -12.15	78.94 4.81 -22.95	65.28 4.19 -17.06	68.48 4.21 -20.46	50.70 4.06 -3.42	51.54 3.96 -5.90	58.52 3.76 -14.78	68.18 3.71 -24.57	62.97 3.84 -16.87	85.87 4.01 -37.83	101.89 4.83 -48.30	95.41 4.48 -45.69	83.62 4.29 -35.11	69.13 4.00 -21.13	61.77 3.90 -14.01	57.84 3.99 -10.03	54.00 3.77 -6.42
NYPA_VERNON____GT3 24163	47.09 3.24 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.71 2.69 0.00	47.29 3.34 0.00	60.56 4.95 -0.01	72.67 5.10 -12.15	78.94 4.81 -22.95	65.28 4.19 -17.06	68.48 4.21 -20.46	50.70 4.06 -3.42	51.54 3.96 -5.90	58.52 3.76 -14.78	68.18 3.71 -24.57	62.97 3.84 -16.87	85.87 4.01 -37.83	101.89 4.83 -48.30	95.41 4.48 -45.69	83.62 4.29 -35.11	69.13 4.00 -21.13	61.77 3.90 -14.01	57.84 3.99 -10.03	54.00 3.77 -6.42
NYPA__ASTORIA_CC1 323568	47.09 3.24 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.75 2.73 0.00	47.29 3.34 0.00	60.55 4.95 -0.01	72.62 5.04 -12.15	78.89 4.76 -22.95	65.28 4.19 -17.06	59.36 4.16 -11.37	50.66 4.02 -3.42	50.47 3.92 -4.88	53.77 3.72 -10.06	59.53 3.67 -15.96	59.90 3.80 -13.84	74.56 3.97 -26.56	96.86 4.78 -43.32	83.52 4.48 -33.80	74.85 4.25 -26.39	62.44 3.96 -14.49	59.33 3.90 -11.56	53.82 3.95 -6.06	54.00 3.77 -6.42
NYPA__ASTORIA_CC2 323569	47.09 3.24 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.75 2.73 0.00	47.29 3.34 0.00	60.55 4.95 -0.01	72.62 5.04 -12.15	78.89 4.76 -22.95	65.28 4.19 -17.06	59.36 4.16 -11.37	50.66 4.02 -3.42	50.47 3.92 -4.88	53.77 3.72 -10.06	59.53 3.67 -15.96	59.90 3.80 -13.84	74.56 3.97 -26.56	96.86 4.78 -43.32	83.52 4.48 -33.80	74.85 4.25 -26.39	62.44 3.96 -14.49	59.33 3.90 -11.56	53.82 3.95 -6.06	54.00 3.77 -6.42
NYPA__HOLTSVILL 23794	58.09 4.11 -10.20	50.41 3.89 -2.79	47.56 3.82 -0.37	48.04 3.70 -1.74	50.86 3.61 -5.23	55.06 4.22 -6.89	80.10 5.95 -18.55	85.05 5.87 -23.75	113.10 5.63 -56.29	67.21 5.02 -18.15	64.70 4.95 -15.94	60.56 4.80 -12.54	49.42 4.75 -2.99	49.82 4.44 -5.39	53.49 4.47 -9.12	61.15 4.48 -14.42	86.16 4.36 -37.76	79.35 5.22 -25.37	72.32 4.93 -22.15	67.35 4.64 -18.49	69.29 4.44 -20.85	65.54 4.56 -17.11	62.64 4.78 -14.05	54.85 4.56 -6.47
NYPA__HELLGATE_GT1 24158	47.00 3.15 -0.07	46.75 3.02 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.71 2.69 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.50 4.93 -12.14	84.51 4.76 -28.57	69.76 4.14 -21.58	50.57 4.16 -2.59	50.61 3.97 -3.41	51.87 3.88 -6.31	49.07 3.68 -5.40	50.95 3.59 -7.46	56.86 3.76 -10.84	63.35 3.88 -15.44	80.46 4.78 -26.92	71.74 4.44 -22.07	66.20 4.20 -17.78	60.65 3.83 -12.82	58.48 3.68 -10.93	53.68 3.81 -6.05	53.83 3.59 -6.42
NYPA__HELLGATE_GT2 24159	47.00 3.15 -0.07	46.75 3.02 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.71 2.69 0.00	47.25 3.30 0.00	60.28 4.67 -0.01	72.50 4.93 -12.14	84.51 4.76 -28.57	69.76 4.14 -21.58	50.57 4.16 -2.59	50.61 3.97 -3.41	51.87 3.88 -6.31	49.07 3.68 -5.40	50.95 3.59 -7.46	56.86 3.76 -10.84	63.35 3.88 -15.44	80.46 4.78 -26.92	71.74 4.44 -22.07	66.20 4.20 -17.78	60.65 3.83 -12.82	58.48 3.68 -10.93	53.68 3.81 -6.05	53.83 3.59 -6.42
NYS_BARGE__HYD 23848	39.50 -4.29 -0.01	39.49 -4.24 0.00	38.95 -4.42 0.00	38.13 -4.47 0.00	37.78 -4.24 0.00	40.00 -3.96 0.00	49.99 -5.61 0.00	50.55 -6.37 -1.50	46.14 -5.88 -0.84	39.96 -5.11 -1.03	38.20 -5.74 -0.12	37.21 -6.14 -0.12	36.37 -5.42 -0.11	35.28 -5.00 -0.29	35.27 -4.99 -0.36	37.19 -5.71 -0.64	40.91 -5.06 -1.93	47.15 -5.12 -3.51	43.70 -4.75 -3.21	42.16 -4.64 -2.59	39.65 -5.15 -0.80	38.89 -5.61 -0.64	38.57 -5.61 -0.36	39.75 -5.00 -0.93
OAK ORCHARD__HYD 24046	41.29 -2.49 -0.01	41.24 -2.49 0.00	40.73 -2.65 0.00	39.96 -2.64 0.00	39.50 -2.52 0.00	41.76 -2.20 0.00	52.71 -2.89 0.00	54.10 -2.82 -1.50	49.79 -2.87 -1.47	42.73 -2.34 -1.03	40.83 -3.11 -0.13	39.83 -3.54 -0.15	38.79 -3.00 -0.12	37.75 -2.56 -0.32	37.84 -2.55 -0.49	39.85 -3.08 -0.68	43.45 -2.24 -1.65	49.63 -2.05 -2.92	46.05 -1.86 -2.67	44.47 -1.90 -2.15	42.45 -2.38 -0.83	41.64 -2.90 -0.67	41.21 -2.98 -0.38	42.01 -2.59 -0.78
OAKDALE__35_KV_LOAD 356122	43.71 -0.09 -0.02	43.56 -0.17 0.00	43.07 -0.30 0.00	42.30 -0.30 0.00	41.77 -0.25 0.00	44.00 0.04 0.00	55.77 0.17 0.00	59.13 -0.17 -3.87	54.89 -0.20 -3.91	46.34 -0.35 -2.65	44.07 -0.48 -0.74	43.72 -0.61 -1.10	41.78 -0.58 -0.69	41.10 -0.64 -1.75	41.72 -0.60 -2.42	45.34 -0.42 -3.51	48.74 -0.31 -5.00	56.59 0.00 -7.83	52.39 0.00 -7.16	49.94 -0.04 -5.76	47.85 -0.31 -4.16	47.05 -0.35 -3.54	45.30 -0.48 -1.96	45.46 -0.44 -2.08
OCC_CHEM__DRP 24175	38.49 -5.30 -0.01	38.48 -5.25 0.00	37.99 -5.38 0.00	37.19 -5.41 0.00	36.85 -5.17 0.00	38.99 -4.97 0.00	48.59 -7.01 0.00	49.16 -7.70 -1.44	45.36 -6.60 -0.78	38.90 -6.12 -0.99	37.19 -6.75 -0.12	36.21 -7.13 -0.12	35.49 -6.29 -0.11	34.52 -5.76 -0.29	34.47 -5.79 -0.35	36.17 -6.72 -0.64	39.97 -6.03 -1.96	46.07 -6.29 -3.60	42.69 -5.84 -3.29	41.16 -5.70 -2.65	38.65 -6.16 -0.81	37.92 -6.58 -0.64	37.83 -6.35 -0.36	38.95 -5.83 -0.95

OH_GEN_PROXY 24063	39.14 -4.64 -0.01	39.14 -4.59 0.00	38.65 -4.73 0.00	37.87 -4.73 0.00	37.48 -4.54 0.00	39.65 -4.31 0.00	49.48 -6.12 0.00	50.56 -6.82 -1.96	45.00 -6.50 -0.32	39.61 -5.37 -0.95	37.94 -6.00 -0.12	37.00 -6.35 -0.13	36.16 -5.63 -0.11	35.17 -5.12 -0.30	35.14 -5.15 -0.39	37.00 -5.92 -0.66	40.75 -5.24 -1.95	46.94 -5.36 -3.54	43.50 -4.98 -3.24	42.01 -4.82 -2.61	39.50 -5.33 -0.83	38.73 -5.79 -0.66	38.41 -5.78 -0.37	39.59 -5.17 -0.94
OLIN_CORP_DRP 24177	38.75 -5.03 -0.01	38.75 -4.99 0.00	38.25 -5.12 0.00	37.49 -5.11 0.00	37.15 -4.87 0.00	39.29 -4.66 0.00	48.98 -6.62 0.00	49.59 -7.32 -1.49	45.15 -6.81 -0.78	39.20 -5.86 -1.02	37.49 -6.44 -0.11	36.51 -6.83 -0.12	35.70 -6.08 -0.11	34.72 -5.56 -0.29	34.66 -5.59 -0.35	36.46 -6.42 -0.63	40.20 -5.81 -1.97	46.39 -6.00 -3.63	42.99 -5.56 -3.32	41.41 -5.48 -2.67	38.86 -5.94 -0.81	38.18 -6.32 -0.64	38.00 -6.18 -0.36	39.13 -5.65 -0.96
OLIN_CORP_DSASP 323712	38.49 -5.30 -0.01	38.48 -5.25 0.00	37.95 -5.42 0.00	37.19 -5.41 0.00	36.85 -5.17 0.00	38.99 -4.97 0.00	48.59 -7.01 0.00	49.28 -7.59 -1.44	45.37 -6.60 -0.79	38.91 -6.12 -0.99	37.19 -6.75 -0.12	36.21 -7.13 -0.12	35.49 -6.29 -0.11	34.52 -5.76 -0.29	34.47 -5.79 -0.35	36.22 -6.67 -0.64	40.06 -5.95 -1.97	46.07 -6.29 -3.60	42.69 -5.84 -3.29	41.25 -5.62 -2.65	38.73 -6.07 -0.81	37.92 -6.58 -0.64	37.65 -6.53 -0.36	38.95 -5.83 -0.95
ONEIDA_HERK_LFGE 323681	44.65 0.88 0.00	44.56 0.83 0.00	44.11 0.74 0.00	43.32 0.72 0.00	42.78 0.76 0.00	45.01 1.05 0.00	57.43 1.83 0.00	58.54 2.88 -0.24	53.93 2.51 -0.24	46.01 1.81 -0.16	45.31 1.44 -0.05	44.80 1.51 -0.07	42.96 1.25 -0.04	41.13 1.04 -0.11	41.24 1.20 -0.15	43.90 1.44 -0.21	46.11 1.76 -0.31	51.02 1.46 -0.80	47.33 1.36 -0.73	46.09 1.28 -0.59	45.52 1.10 -0.43	45.23 1.01 -0.36	44.85 0.83 -0.20	44.82 0.79 -0.21
ONEIDA___115KV_TB4 55905	45.00 1.23 0.00	44.87 1.14 0.00	44.41 1.04 0.00	43.62 1.02 0.00	43.07 1.05 0.00	45.45 1.49 0.00	57.99 2.39 0.00	57.98 1.83 -0.73	53.49 1.59 -0.73	45.73 1.19 -0.50	44.92 0.92 -0.18	44.29 0.78 -0.29	42.55 0.71 -0.17	41.14 0.72 -0.43	41.24 0.76 -0.58	44.04 0.93 -0.85	46.14 1.10 -1.00	52.01 1.80 -1.45	48.23 1.67 -1.32	46.83 1.55 -1.07	46.32 1.32 -1.00	45.95 1.23 -0.86	45.34 1.05 -0.47	45.21 1.01 -0.38
ONONDAGA_REF_OCCRA 23987	43.21 -0.57 -0.01	43.07 -0.66 0.00	42.64 -0.74 0.00	41.87 -0.72 0.00	41.31 -0.71 0.00	43.47 -0.48 0.00	55.21 -0.39 0.00	56.38 -0.39 -1.34	52.06 -0.46 -1.34	44.48 -0.48 -0.92	43.40 -0.74 -0.32	42.86 -0.86 -0.50	41.14 -0.83 -0.30	39.99 -0.76 -0.76	40.24 -0.68 -1.02	43.08 -0.68 -1.50	45.41 -0.44 -1.81	51.19 -0.24 -2.67	47.45 -0.23 -2.44	45.88 -0.31 -1.97	45.23 -0.53 -1.76	44.76 -0.61 -1.51	43.95 -0.70 -0.84	43.83 -0.70 -0.71
ONONDAGA___COGEN 23986	43.21 -0.57 -0.01	43.07 -0.66 0.00	42.68 -0.69 0.00	41.87 -0.72 0.00	41.35 -0.67 0.00	43.47 -0.48 0.00	55.16 -0.44 0.00	56.28 -0.39 -1.24	51.96 -0.46 -1.24	44.41 -0.48 -0.85	43.31 -0.74 -0.23	42.66 -0.91 -0.35	41.06 -0.83 -0.22	39.78 -0.76 -0.55	39.99 -0.68 -0.76	42.69 -0.68 -1.11	45.18 -0.44 -1.58	50.99 -0.24 -2.47	47.27 -0.23 -2.26	45.73 -0.31 -1.82	44.78 -0.53 -1.31	44.37 -0.61 -1.12	43.69 -0.74 -0.62	43.77 -0.70 -0.66
ONTARIO___LFGE 23819	42.91 -0.88 -0.01	42.99 -0.74 0.00	42.51 -0.87 0.00	41.75 -0.85 0.00	41.22 -0.80 0.00	43.60 -0.35 0.00	55.32 -0.28 0.00	56.80 -0.39 -1.77	53.03 -0.51 -2.36	44.54 -0.71 -1.21	42.63 -1.18 0.01	41.66 -1.47 0.09	40.30 -1.37 0.00	38.94 -1.08 -0.03	39.15 -1.00 -0.25	41.33 -1.10 -0.18	45.19 -0.62 -1.77	52.07 -0.19 -3.51	48.26 -0.18 -3.21	46.54 -0.26 -2.58	43.70 -0.57 -0.28	43.11 -0.92 -0.17	42.78 -1.14 -0.10	43.74 -1.01 -0.93
ORANGEVILLE_WT_PWR 323706	40.77 -3.02 -0.01	41.06 -2.67 0.00	40.51 -2.86 0.00	39.70 -2.90 0.00	39.29 -2.73 0.00	41.58 -2.37 0.00	52.21 -3.39 0.00	53.12 -4.27 -1.96	45.89 -4.04 1.25	41.73 -3.65 -1.35	39.83 -4.03 -0.04	38.87 -4.32 0.03	37.67 -4.04 -0.04	36.24 -3.88 -0.13	35.88 -3.83 0.19	38.65 -4.01 -0.41	42.63 -3.70 -2.29	49.62 -3.56 -4.42	45.93 -3.35 -4.04	44.20 -3.27 -3.25	40.78 -3.78 -0.56	40.32 -3.95 -0.40	40.02 -4.03 -0.24	41.36 -3.64 -1.17
ORANGEVILLE___ESR 323794	40.77 -3.02 -0.01	41.06 -2.67 0.00	40.51 -2.86 0.00	39.70 -2.90 0.00	39.29 -2.73 0.00	41.58 -2.37 0.00	52.21 -3.39 0.00	53.12 -4.27 -1.96	45.89 -4.04 1.25	41.73 -3.65 -1.35	39.83 -4.03 -0.04	38.87 -4.32 0.03	37.67 -4.04 -0.04	36.24 -3.88 -0.13	35.88 -3.83 0.19	38.65 -4.01 -0.41	42.63 -3.70 -2.29	49.62 -3.56 -4.42	45.93 -3.35 -4.04	44.20 -3.27 -3.25	40.78 -3.78 -0.56	40.32 -3.95 -0.40	40.02 -4.03 -0.24	41.36 -3.64 -1.17
OSWEGATCHIE___HYD 24044	42.81 -0.96 0.00	42.77 -0.96 0.00	42.38 -1.00 0.00	41.62 -0.98 0.00	41.14 -0.88 0.00	42.94 -1.01 0.00	54.60 -1.00 0.00	55.24 -0.45 -0.26	50.93 -0.51 -0.26	43.56 -0.66 -0.18	43.16 -0.70 -0.05	42.69 -0.61 -0.07	40.89 -0.83 -0.05	39.11 -1.00 -0.12	39.27 -0.80 -0.16	41.77 -0.72 -0.24	43.63 -0.75 -0.33	48.39 -1.03 -0.65	44.88 -0.95 -0.60	43.73 -0.97 -0.48	43.42 -0.93 -0.35	43.23 -0.92 -0.29	42.97 -1.01 -0.16	42.94 -1.05 -0.17
OSWEGO___5 23606	42.34 -1.44 0.00	42.29 -1.44 0.00	41.90 -1.47 0.00	41.15 -1.45 0.00	40.59 -1.43 0.00	42.59 -1.36 0.00	53.99 -1.61 0.00	54.69 -1.61 -0.88	50.52 -1.53 -0.88	43.28 -1.37 -0.60	42.45 -1.53 -0.16	41.83 -1.64 -0.25	40.29 -1.54 -0.15	38.94 -1.44 -0.39	39.04 -1.40 -0.54	41.56 -1.48 -0.78	43.84 -1.32 -1.12	49.18 -1.31 -1.74	45.60 -1.22 -1.59	44.26 -1.24 -1.28	43.55 -1.36 -0.92	43.16 -1.49 -0.79	42.72 -1.53 -0.43	42.79 -1.49 -0.46
OSWEGO___6 23613	42.34 -1.44 0.00	42.29 -1.44 0.00	41.90 -1.47 0.00	41.15 -1.45 0.00	40.59 -1.43 0.00	42.59 -1.36 0.00	53.99 -1.61 0.00	54.69 -1.61 -0.88	50.52 -1.53 -0.88	43.28 -1.37 -0.60	42.45 -1.53 -0.16	41.83 -1.64 -0.25	40.29 -1.54 -0.15	38.94 -1.44 -0.39	39.04 -1.40 -0.54	41.56 -1.48 -0.78	43.84 -1.32 -1.12	49.18 -1.31 -1.74	45.60 -1.22 -1.59	44.26 -1.24 -1.28	43.55 -1.36 -0.92	43.16 -1.49 -0.79	42.72 -1.53 -0.43	42.79 -1.49 -0.46
OUTOKUMPU-AB___DRP 24206	39.84 -3.94 -0.01	39.84 -3.89 0.00	39.30 -4.08 0.00	38.47 -4.13 0.00	38.11 -3.91 0.00	40.35 -3.60 0.00	50.37 -5.23 0.00	50.95 -5.99 -1.51	46.51 -5.43 -0.75	40.23 -5.43 -1.04	38.50 -5.79 -0.11	37.55 -5.13 -0.12	36.66 -5.13 -0.11	35.52 -4.76 -0.29	35.45 -4.79 -0.34	37.43 -5.45 -0.63	41.14 -4.89 -1.99	47.54 -4.88 -3.66	44.01 -4.57 -3.34	42.36 -4.55 -2.69	39.74 -5.06 -0.80	39.14 -5.35 -0.63	38.87 -5.30 -0.36	39.97 -4.82 -0.97
OXBOW___BTM 323836	39.19 -4.60 -0.01	39.18 -4.55 0.00	38.65 -4.73 0.00	37.87 -4.73 0.00	37.53 -4.50 0.00	39.73 -4.22 0.00	49.54 -6.06 0.00	50.14 -6.76 -1.48	46.02 -5.94 -0.77	39.59 -5.46 -1.02	37.84 -6.09 -0.12	36.90 -6.44 -0.12	36.12 -5.67 -0.11	35.04 -5.24 -0.29	35.02 -5.23 -0.35	36.89 -6.00 -0.64	40.65 -5.37 -1.98	46.88 -5.51 -3.63	43.40 -5.16 -3.32	41.89 -5.00 -2.67	39.30 -5.50 -0.80	38.57 -5.92 -0.64	38.26 -5.92 -0.36	39.48 -5.30 -0.96

OXBOW____ 24026	39.19 -4.60 -0.01	39.18 -4.55 0.00	38.64 -4.73 0.00	37.87 -4.73 0.00	37.52 -4.50 0.00	39.73 -4.22 0.00	49.54 -6.06 0.00	50.13 -6.76 -1.47	46.01 -5.94 -0.77	39.59 -5.46 -1.01	37.89 -6.05 -0.11	36.90 -6.44 -0.12	36.11 -5.67 -0.11	35.04 -5.24 -0.29	35.02 -5.23 -0.34	36.84 -6.04 -0.63	40.60 -5.42 -1.97	46.88 -5.51 -3.63	43.40 -5.16 -3.32	41.80 -5.09 -2.67	39.26 -5.54 -0.80	38.58 -5.92 -0.64	38.40 -5.78 -0.36	39.48 -5.30 -0.96
OXY_CHEM_DSASP 323612	38.49 -5.30 -0.01	38.48 -5.25 0.00	37.99 -5.38 0.00	37.19 -5.41 0.00	36.85 -5.17 0.00	38.99 -4.97 0.00	48.59 -7.01 0.00	49.16 -7.70 -1.44	45.36 -6.60 -0.78	38.90 -6.12 -0.99	37.19 -6.75 -0.12	36.21 -7.13 -0.12	35.49 -6.29 -0.11	34.52 -5.76 -0.29	34.47 -5.79 -0.35	36.17 -6.72 -0.64	39.97 -6.03 -1.96	46.07 -6.29 -3.60	42.69 -5.84 -3.29	41.16 -5.70 -2.65	38.65 -6.16 -0.81	37.92 -6.58 -0.64	37.83 -6.35 -0.36	38.95 -5.83 -0.95
OZONE_PARK_ESR 323760	47.52 3.68 -0.06	46.84 3.10 0.00	46.32 2.95 0.00	45.45 2.85 0.00	44.75 2.73 0.00	47.38 3.43 0.00	60.66 5.06 0.00	72.84 5.27 -12.15	77.27 5.02 -21.07	63.94 4.36 -15.54	50.60 4.34 -2.44	50.83 4.19 -3.42	50.16 4.08 -4.40	49.23 3.84 -5.41	51.15 3.79 -7.46	57.07 3.97 -10.85	63.62 4.14 -15.44	93.80 5.02 -40.01	71.97 4.66 -22.07	66.47 4.47 -17.78	60.96 4.14 -12.83	58.92 4.12 -10.93	53.99 4.12 -6.06	54.08 3.86 -6.41
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.49 -5.30 -0.01	38.48 -5.25 0.00	37.99 -5.38 0.00	37.19 -5.41 0.00	36.85 -5.17 0.00	38.99 -4.97 0.00	48.59 -7.01 0.00	49.16 -7.70 -1.44	45.36 -6.60 -0.78	38.90 -6.12 -0.99	37.19 -6.75 -0.12	36.21 -7.13 -0.12	35.49 -6.29 -0.11	34.52 -5.76 -0.29	34.47 -5.79 -0.35	36.17 -6.72 -0.64	39.97 -6.03 -1.96	46.07 -6.29 -3.60	42.69 -5.84 -3.29	41.16 -5.70 -2.65	38.65 -6.16 -0.81	37.92 -6.58 -0.64	37.83 -6.35 -0.36	38.95 -5.83 -0.95
PACKARD__115KV_DUPONT_184 80571	38.49 -5.30 -0.01	38.48 -5.25 0.00	37.99 -5.38 0.00	37.19 -5.41 0.00	36.85 -5.17 0.00	38.99 -4.97 0.00	48.59 -7.01 0.00	49.16 -7.70 -1.44	45.36 -6.60 -0.78	38.90 -6.12 -0.99	37.19 -6.75 -0.12	36.21 -7.13 -0.12	35.49 -6.29 -0.11	34.52 -5.76 -0.29	34.47 -5.79 -0.35	36.17 -6.72 -0.64	39.97 -6.03 -1.96	46.07 -6.29 -3.60	42.69 -5.84 -3.29	41.16 -5.70 -2.65	38.65 -6.16 -0.81	37.92 -6.58 -0.64	37.83 -6.35 -0.36	38.95 -5.83 -0.95
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.39 3.55 -0.07	46.84 3.10 -0.01	46.37 2.99 -0.01	45.50 2.90 -0.01	44.84 2.82 0.00	47.38 3.43 0.00	60.44 4.84 -0.01	72.40 4.82 -12.15	68.44 4.50 -12.75	56.85 3.96 -8.85	50.06 3.94 -2.30	50.44 3.80 -3.42	47.68 3.71 -2.29	48.91 3.52 -5.40	50.83 3.47 -7.45	56.73 3.63 -10.84	63.26 3.79 -15.43	78.91 4.53 -25.62	71.56 4.25 -22.07	66.06 4.07 -17.78	60.65 3.83 -12.82	58.56 3.77 -10.93	53.64 3.77 -6.06	53.87 3.64 -6.42
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.96 4.11 -0.07	47.37 3.63 -0.01	46.89 3.51 -0.01	46.01 3.41 -0.01	45.30 3.28 0.00	47.87 3.91 0.00	61.11 5.50 -0.01	73.06 5.49 -12.15	69.00 5.07 -12.75	57.29 4.40 -8.85	50.50 4.38 -2.30	50.88 4.24 -3.42	48.09 4.13 -2.29	49.27 3.88 -5.40	51.23 3.87 -7.45	57.15 4.06 -10.84	63.70 4.23 -15.43	79.45 5.07 -25.62	72.01 4.70 -22.07	66.51 4.51 -17.78	61.04 4.22 -12.82	59.00 4.21 -10.93	54.13 4.25 -6.06	54.40 4.16 -6.42
PATROON__115KV_TB1 80586	45.96 2.10 -0.08	45.52 1.79 0.00	45.15 1.78 0.00	44.39 1.79 0.00	43.74 1.72 0.00	46.02 2.07 0.00	57.66 2.06 0.00	72.48 1.88 -15.17	68.03 1.74 -15.11	55.89 1.45 -10.39	48.07 1.40 -2.84	48.77 1.30 -4.25	45.61 1.29 -2.65	47.93 1.20 -6.74	50.40 1.20 -9.30	57.06 1.27 -13.54	64.76 1.45 -19.27	80.52 1.61 -30.15	74.29 1.49 -27.56	67.88 1.46 -22.20	61.37 1.36 -16.01	58.82 1.32 -13.64	52.72 1.36 -7.55	53.49 1.67 -8.01
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.03 -2.76 -0.01	41.02 -2.71 0.00	40.47 -2.91 0.00	39.62 -2.98 0.00	39.29 -2.73 0.00	41.58 -2.37 0.00	52.04 -3.56 0.00	51.60 -5.49 -1.66	46.99 -4.96 -0.77	40.47 -4.71 -1.14	39.47 -4.47 -0.12	39.01 -4.32 -0.12	37.28 -4.50 -0.11	35.45 -4.84 -0.30	35.54 -4.71 -0.34	38.53 -4.35 -0.63	41.15 -5.02 -2.13	47.79 -4.92 -3.96	44.19 -4.66 -3.62	42.53 -4.60 -2.91	39.66 -5.15 -0.81	39.67 -4.82 -0.64	39.05 -5.13 -0.36	39.92 -4.95 -1.05
PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.21 3.37 -0.06	46.66 2.93 0.00	46.19 2.82 0.00	45.37 2.77 0.00	44.54 2.52 0.00	47.12 3.16 0.00	60.33 4.73 0.00	72.46 4.71 -12.33	67.97 4.50 -12.29	56.36 3.88 -8.45	49.94 3.81 -2.31	50.31 3.63 -3.46	47.29 3.46 -2.15	48.75 3.28 -5.48	50.74 3.27 -7.56	56.68 3.42 -11.01	63.23 3.52 -15.67	77.56 4.29 -24.51	71.67 4.03 -22.41	66.03 3.76 -18.05	60.71 3.70 -13.02	58.55 3.60 -11.09	53.50 3.55 -6.14	53.70 3.37 -6.51
PEEKSKILL____ 23653	46.42 2.58 -0.06	46.13 2.40 0.00	45.67 2.30 0.00	44.81 2.21 0.00	44.12 2.10 0.00	46.59 2.64 0.00	59.61 4.01 0.00	71.58 4.16 -12.00	67.54 3.94 -12.42	56.07 3.44 -8.59	49.50 3.42 -2.26	49.87 3.28 -3.36	47.10 3.21 -2.21	48.36 3.04 -5.33	50.22 2.95 -7.36	56.05 3.08 -10.71	62.51 3.21 -15.25	77.44 3.95 -24.74	70.71 3.66 -21.81	65.24 3.45 -17.57	59.88 3.21 -12.67	57.82 3.16 -10.80	52.99 3.20 -5.97	53.13 2.98 -6.34
PGE MADISON__WINDPWR 24146	47.91 4.11 -0.02	47.80 4.07 0.00	47.02 3.64 0.00	46.18 3.58 0.00	45.63 3.61 0.00	48.48 4.53 0.00	62.32 6.72 0.00	65.85 6.65 -3.78	60.93 5.73 -4.02	51.08 4.45 -2.59	48.94 3.99 -1.13	48.38 3.37 -1.78	45.43 2.71 -1.05	45.29 2.68 -2.62	46.20 2.79 -3.51	50.88 3.47 -5.17	53.78 4.27 -5.47	61.95 5.61 -7.59	57.51 5.34 -6.93	54.89 5.08 -5.59	54.57 4.58 -6.00	53.53 4.48 -5.20	50.45 3.77 -2.86	49.43 3.59 -2.01
PIERCEFIELD__HYD 23852	42.50 -1.27 0.00	42.81 -0.92 0.00	42.46 -0.91 0.00	41.66 -0.94 0.00	41.18 -0.84 0.00	42.68 -1.27 0.00	53.88 -1.72 0.00	54.04 -1.39 0.00	49.95 -1.23 0.00	42.90 -1.15 0.00	42.85 -0.96 0.00	42.44 -0.78 0.00	40.72 -0.96 0.00	38.99 -1.00 0.00	38.90 -1.00 0.00	41.24 -1.01 0.00	42.76 -1.28 0.00	47.01 -1.76 0.00	43.61 -1.63 0.00	42.72 -1.50 0.00	42.72 -1.28 0.00	42.63 -1.23 0.00	42.68 -1.14 0.00	42.68 -1.14 0.00
PINELAWN_CC_1 323563	57.80 3.89 -10.13	50.20 3.67 -2.79	47.30 3.56 -0.37	47.78 3.45 -1.74	50.61 3.36 -5.23	54.84 4.00 -6.89	70.50 5.78 -9.12	74.26 5.82 -13.02	73.61 5.53 -16.90	61.18 4.84 -12.30	57.74 4.82 -9.10	55.83 4.58 -8.03	49.17 4.50 -2.99	49.62 4.24 -5.39	53.23 4.27 -9.06	57.78 4.35 -11.17	65.35 4.36 -16.94	79.33 5.27 -25.30	72.32 5.02 -22.06	66.67 4.64 -17.81	61.84 4.44 -13.40	59.88 4.52 -11.50	57.48 4.60 -9.07	54.52 4.30 -6.41
PJM_GEN_HTP_PROXY 323702	46.73 2.89 -0.06	46.44 2.71 0.00	45.93 2.56 0.00	45.07 2.47 0.00	44.37 2.35 0.00	46.94 2.99 0.00	60.10 4.50 0.00	72.86 4.71 -12.72	73.97 4.45 -18.34	61.77 3.92 -13.81	50.12 3.90 -2.40	50.35 3.72 -3.41	49.20 3.67 -3.85	48.83 3.44 -5.40	50.75 3.39 -7.46	56.65 3.55 -10.84	63.13 3.65 -15.44	89.43 4.44 -36.23	71.42 4.12 -22.07	65.93 3.93 -17.78	60.47 3.65 -12.82	58.34 3.55 -10.93	53.55 3.68 -6.05	53.64 3.42 -6.41

PJM_GEN_KEystone	43.51	41.57	42.43	41.86	41.52	43.82	55.60	62.81	56.76	49.25	44.61	44.47	42.59	42.47	43.49	45.40	52.72	64.77	58.58	54.91	50.65	49.38	46.62	47.15
24065	-0.30	-0.35	-0.52	-0.55	-0.50	-0.13	0.00	-0.45	-0.41	-0.40	-0.48	-0.61	-0.46	-0.52	-0.56	-0.63	-0.53	-0.10	-0.09	-0.13	-0.53	-0.57	-0.57	-0.57
	-0.04	1.81	0.42	0.19	0.00	0.00	0.00	-7.83	-5.99	-5.60	-1.28	-1.85	-1.37	-3.00	-4.14	-3.78	-9.21	-16.11	-13.44	-10.82	-7.17	-6.09	-3.37	-3.90
PJM_GEN_NEPTUNE_PROXY	57.19	49.63	46.74	47.23	50.02	54.23	68.67	73.18	68.14	59.95	56.40	54.84	48.63	49.10	52.62	56.89	63.25	78.64	71.63	66.05	60.68	58.68	56.35	53.90
323594	3.28	3.11	2.99	2.90	2.77	3.38	4.95	5.04	4.81	4.23	4.21	4.06	3.96	3.72	3.67	3.80	3.79	4.58	4.34	4.07	3.87	3.90	3.99	3.68
	-10.13	-2.79	-0.37	-1.74	-5.23	-6.89	-8.12	-12.71	-12.15	-11.68	-8.38	-7.56	-2.99	-5.39	-9.05	-10.83	-15.42	-25.30	-22.05	-17.76	-12.81	-10.92	-8.54	-6.41
PJM_GEN_VFT_PROXY	46.60	46.27	45.80	44.94	44.25	46.81	59.94	72.70	75.94	63.35	50.03	50.22	49.65	48.76	50.63	56.52	63.00	93.01	71.29	65.76	60.34	58.26	53.42	53.51
323633	2.76	2.54	2.43	2.34	2.23	2.86	4.34	4.55	4.30	3.79	3.77	3.59	3.58	3.36	3.27	3.42	3.52	4.29	3.98	3.76	3.52	3.46	3.55	3.29
	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-12.73	-20.46	-15.52	-2.44	-3.42	-4.39	-5.41	-7.46	-10.85	-15.44	-39.96	-22.07	-17.78	-12.83	-10.93	-6.06	-6.41
PLATSBURG_115KV_PMLD1	44.12	44.52	44.07	43.20	42.65	44.13	55.54	55.53	51.23	44.00	43.77	43.26	41.34	39.43	39.30	41.70	43.38	47.74	44.20	43.25	43.16	43.07	43.25	44.04
355749	0.35	0.79	0.69	0.60	0.63	0.18	-0.06	0.11	0.05	-0.04	-0.04	0.04	-0.33	-0.56	-0.60	-0.55	-0.66	-1.02	-1.04	-0.97	-0.84	-0.79	-0.57	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLEASANTVLY__LBMP	46.47	45.96	45.50	44.69	44.04	46.46	59.21	71.88	67.31	55.81	49.24	49.75	46.79	48.40	50.43	56.47	63.22	77.68	71.72	66.01	60.42	58.28	53.08	53.34
24000	2.63	2.23	2.13	2.09	2.02	2.51	3.61	3.66	3.38	2.99	3.02	2.94	2.88	2.72	2.67	2.79	2.91	3.46	3.21	3.05	2.90	2.89	2.89	2.76
	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	-12.80	-12.76	-8.77	-2.40	-3.59	-2.24	-5.69	-7.85	-11.43	-16.27	-25.46	-23.27	-18.74	-13.52	-11.52	-6.37	-6.76
PLSNTVLE_13_KV_13.8KVDIST	46.86	46.27	45.80	44.98	44.29	46.77	59.77	72.01	66.90	55.53	49.66	50.12	47.04	48.60	50.54	56.45	62.97	76.11	71.33	65.80	60.33	58.27	53.30	53.45
80602	3.02	2.54	2.43	2.39	2.27	2.81	4.17	4.32	4.09	3.57	3.55	3.46	3.38	3.16	3.11	3.25	3.35	4.10	3.80	3.63	3.39	3.38	3.37	3.15
	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-12.26	-11.63	-7.92	-2.29	-3.44	-1.99	-5.45	-7.52	-10.95	-15.59	-23.26	-22.29	-17.95	-12.95	-11.03	-6.10	-6.48
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I	46.86	46.27	45.80	44.98	44.29	46.77	59.77	72.01	66.90	55.53	49.66	50.12	47.04	48.60	50.54	56.45	62.97	76.11	71.33	65.80	60.33	58.27	53.30	53.45
345020	3.02	2.54	2.43	2.39	2.27	2.81	4.17	4.32	4.09	3.57	3.55	3.46	3.38	3.16	3.11	3.25	3.35	4.10	3.80	3.63	3.39	3.38	3.37	3.15
	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-12.26	-11.63	-7.92	-2.29	-3.44	-1.99	-5.45	-7.52	-10.95	-15.59	-23.26	-22.29	-17.95	-12.95	-11.03	-6.10	-6.48
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G	46.86	46.31	45.84	45.03	44.37	46.81	59.71	72.00	67.46	55.93	49.37	49.80	46.82	48.36	50.42	56.40	63.10	77.43	71.54	65.88	60.40	58.30	53.17	53.41
345023	3.02	2.58	2.47	2.43	2.35	2.86	4.11	4.05	3.79	3.30	3.20	3.07	2.96	2.80	2.83	2.96	3.13	3.75	3.53	3.32	3.17	3.16	3.11	2.98
	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	-12.53	-12.49	-8.59	-2.35	-3.51	-2.19	-5.57	-7.69	-11.19	-15.93	-24.92	-22.78	-18.35	-13.23	-11.28	-6.24	-6.62
POLETTI_____	47.21	46.53	46.06	45.20	44.50	47.07	60.27	72.39	76.80	63.59	50.25	50.48	49.86	48.95	50.83	56.73	63.22	93.35	71.56	66.02	60.61	58.57	53.64	53.77
23519	3.37	2.80	2.69	2.60	2.48	3.12	4.67	4.82	4.55	4.01	3.99	3.85	3.79	3.56	3.47	3.63	3.74	4.58	4.25	4.02	3.78	3.77	3.77	3.55
	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-12.15	-21.07	-15.54	-2.44	-3.42	-4.40	-5.41	-7.46	-10.85	-15.44	-40.01	-22.07	-17.78	-12.83	-10.93	-6.06	-6.41
POMONA__ESR	46.37	46.09	45.63	44.77	44.08	46.55	59.55	71.17	67.02	55.67	49.35	49.66	46.93	48.11	49.96	55.70	62.04	76.52	70.08	64.71	59.48	57.46	52.75	52.89
323819	2.54	2.36	2.25	2.17	2.06	2.59	3.95	4.04	3.84	3.35	3.33	3.15	3.13	2.92	2.87	3.00	3.13	3.85	3.57	3.36	3.12	3.07	3.11	2.89
	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-11.70	-12.00	-8.29	-2.20	-3.28	-2.13	-5.20	-7.18	-10.45	-14.87	-23.91	-21.27	-17.13	-12.36	-10.53	-5.83	-6.18
PORT_JEFF_3	58.22	50.54	47.65	48.13	50.98	55.20	80.72	85.67	115.15	67.62	65.16	60.90	49.50	49.94	53.61	61.44	87.17	79.25	72.28	67.38	69.59	65.85	62.97	54.89
23555	4.24	4.02	3.91	3.79	3.74	4.35	6.12	5.99	5.78	5.15	5.08	4.93	4.83	4.56	4.59	4.61	4.40	5.12	4.89	4.64	4.40	4.60	4.86	4.60
	-10.20	-2.79	-0.37	-1.74	-5.23	-6.89	-19.01	-24.25	-58.19	-18.43	-16.27	-12.76	-2.99	-5.39	-9.12	-14.58	-38.72	-25.37	-22.15	-18.52	-21.19	-17.38	-14.29	-6.48
PORT_JEFF_4	58.22	50.54	47.65	48.13	50.98	55.20	80.72	85.67	115.15	67.62	65.16	60.90	49.50	49.94	53.61	61.44	87.17	79.25	72.28	67.38	69.59	65.85	62.97	54.89
23616	4.24	4.02	3.91	3.79	3.74	4.35	6.12	5.99	5.78	5.15	5.08	4.93	4.83	4.56	4.59	4.61	4.40	5.12	4.89	4.64	4.40	4.60	4.86	4.60
	-10.20	-2.79	-0.37	-1.74	-5.23	-6.89	-19.01	-24.25	-58.19	-18.43	-16.27	-12.76	-2.99	-5.39	-9.12	-14.58	-38.72	-25.37	-22.15	-18.52	-21.19	-17.38	-14.29	-6.48
PORT_JEFF_IC	58.32	50.59	47.73	48.17	51.03	55.24	82.52	87.53	122.29	68.76	66.47	61.79	49.58	49.98	53.66	62.10	90.87	79.46	72.47	67.63	71.05	66.99	63.95	55.00
23713	4.33	4.07	3.99	3.84	3.78	4.39	6.23	5.99	5.88	5.24	5.17	5.01	4.92	4.60	4.63	4.69	4.54	5.32	5.07	4.78	4.58	4.74	4.95	4.69
	-10.21	-2.79	-0.37	-1.74	-5.23	-6.89	-20.69	-26.12	-65.22	-19.48	-17.49	-13.56	-2.99	-5.39	-9.14	-15.16	-42.30	-25.38	-22.17	-18.64	-22.48	-18.39	-15.18	-6.49
PPL PILGRIM_ST_GT1	58.12	50.54	47.60	48.09	50.90	55.15	72.26	76.17	80.00	62.36	59.03	56.80	49.50	49.90	53.52	58.50	68.70	79.53	72.42	66.91	63.14	60.94	58.53	54.84
24216	4.20	4.02	3.86	3.75	3.65	4.31	6.06	6.04	5.73	5.11	5.04	4.84	4.83	4.52	4.55	4.56	4.45	5.46	5.11	4.78	4.58	4.70	4.86	4.60
	-10.14	-2.79	-0.37	-1.74	-5.23	-6.89	-10.60	-14.70	-23.08	-13.21	-10.17	-8.74	-2.99	-5.39	-9.07	-11.68	-20.22	-25.31	-22.07	-17.92	-14.57	-12.38	-9.85	-6.42
PPL PILGRIM_ST_GT2	58.12	50.54	47.60	48.09	50.90	55.15	72.26	76.17	80.00	62.36	59.03	56.80	49.50	49.90	53.52	58.50	68.70	79.53	72.42	66.91	63.14	60.94	58.53	54.84
24217	4.20	4.02	3.86	3.75	3.65	4.31	6.06	6.04	5.73	5.11	5.04	4.84	4.83	4.52	4.55	4.56	4.45	5.46	5.11	4.78	4.58	4.70	4.86	4.60
	-10.14	-2.79	-0.37	-1.74	-5.23	-6.89	-10.60	-14.70	-23.08	-13.21	-10.17	-8.74	-2.99	-5.39	-9.07	-11.68	-20.22	-25.31	-22.07	-17.92	-14.57	-12.38	-9.85	-6.42

PPL_SHRM_GT3 24213	58.49 4.51 -10.20	50.76 4.24 -2.79	48.00 4.25 -0.37	48.43 4.09 -1.74	51.28 4.03 -5.23	55.46 4.61 -6.89	81.18 6.34 -19.24	86.25 6.32 -24.51	116.27 5.93 -59.16	67.99 5.37 -18.58	65.51 5.26 -16.43	61.27 5.18 -12.87	49.75 5.08 -2.99	50.18 4.80 -5.39	53.81 4.79 -9.13	61.73 4.81 -14.66	87.91 4.67 -39.20	79.78 5.65 -25.37	72.77 5.38 -22.16	67.79 5.04 -18.53	70.29 4.93 -21.37	66.38 5.00 -17.52	63.40 5.17 -14.41	55.33 5.04 -6.48
PPL_SHRM_GT4 24214	58.49 4.51 -10.20	50.76 4.24 -2.79	48.00 4.25 -0.37	48.43 4.09 -1.74	51.28 4.03 -5.23	55.46 4.61 -6.89	81.18 6.34 -19.24	86.25 6.32 -24.51	116.27 5.93 -59.16	67.99 5.37 -18.58	65.51 5.26 -16.43	61.27 5.18 -12.87	49.75 5.08 -2.99	50.18 4.80 -5.39	53.81 4.79 -9.13	61.73 4.81 -14.66	87.91 4.67 -39.20	79.78 5.65 -25.37	72.77 5.38 -22.16	67.79 5.04 -18.53	70.29 4.93 -21.37	66.38 5.00 -17.52	63.40 5.17 -14.41	55.33 5.04 -6.48
PROJECT___ORANGE 1 24174	42.90 -0.88 -0.01	42.77 -0.96 0.00	42.33 -1.04 0.00	41.58 -1.02 0.00	41.05 -0.97 0.00	43.21 -0.75 0.00	54.82 -0.78 0.00	55.75 -0.78 -1.10	51.46 -0.82 -1.10	44.00 -0.79 -0.75	43.02 -1.01 -0.21	42.36 -1.17 -0.31	40.78 -1.08 -0.19	39.52 -0.96 -0.49	39.66 -0.92 -0.67	42.26 -0.97 -0.98	44.69 -0.75 -1.40	50.36 -0.59 -2.19	46.69 -0.54 -2.00	45.21 -0.62 -1.61	44.32 -0.84 -1.16	43.93 -0.92 -0.99	43.36 -1.01 -0.55	43.39 -1.01 -0.58
PROJECT___ORANGE 2 24166	42.90 -0.88 -0.01	42.77 -0.96 0.00	42.33 -1.04 0.00	41.58 -1.02 0.00	41.05 -0.97 0.00	43.21 -0.75 0.00	54.82 -0.78 0.00	55.75 -0.78 -1.10	51.46 -0.82 -1.10	44.00 -0.79 -0.75	43.02 -1.01 -0.21	42.36 -1.17 -0.31	40.78 -1.08 -0.19	39.52 -0.96 -0.49	39.66 -0.92 -0.67	42.26 -0.97 -0.98	44.69 -0.75 -1.40	50.36 -0.59 -2.19	46.69 -0.54 -2.00	45.21 -0.62 -1.61	44.32 -0.84 -1.16	43.93 -0.92 -0.99	43.36 -1.01 -0.55	43.39 -1.01 -0.58
PUCKETT___SOLAR 323809	44.76 0.96 -0.02	44.69 0.96 0.00	44.19 0.82 0.00	43.37 0.77 0.00	42.86 0.84 0.00	45.18 1.23 0.00	57.60 2.00 0.00	61.16 1.72 -4.02	56.67 1.43 -4.06	47.72 0.93 -2.76	45.20 0.61 -0.77	44.71 0.34 -1.14	42.60 0.21 -0.71	41.96 0.16 -1.81	42.64 0.24 -2.50	46.48 0.59 -3.64	50.19 0.97 -5.18	58.42 1.56 -8.10	54.08 1.45 -7.40	51.55 1.37 -5.96	49.31 1.01 -4.30	48.49 0.96 -3.66	46.59 0.74 -2.03	46.67 0.70 -2.15
PYRITES___HYD 24023	43.51 -0.26 0.00	43.82 0.09 0.00	43.46 0.09 0.00	42.64 0.04 0.00	42.15 0.13 0.00	43.73 -0.22 0.00	55.43 -0.17 0.00	55.59 0.17 0.00	51.38 0.20 0.00	44.04 0.00 0.00	44.04 0.22 0.00	43.61 0.39 0.00	41.80 0.13 0.00	40.03 0.04 0.00	39.94 0.04 0.00	42.34 0.08 0.00	43.86 -0.18 0.00	48.22 -0.54 0.00	44.69 -0.54 0.00	43.73 -0.49 0.00	43.78 -0.22 0.00	43.64 -0.22 0.00	43.64 -0.18 0.00	43.60 -0.22 0.00
QUAKERRD_115KV_BK1 80622	40.76 -3.02 -0.01	40.67 -3.06 0.00	40.21 -3.17 0.00	39.45 -3.15 0.00	39.00 -3.03 0.00	41.18 -2.77 0.00	52.04 -3.56 0.00	53.56 -3.33 -1.46	49.22 -3.38 -1.42	42.22 -2.82 -1.00	40.44 -3.51 -0.13	39.54 -3.85 -0.16	38.42 -3.38 -0.12	37.36 -2.96 -0.33	37.45 -2.95 -0.50	39.48 -3.46 -0.69	42.87 -2.77 -1.61	48.90 -2.68 -2.82	45.37 -2.44 -2.58	43.78 -2.52 -2.08	41.95 -2.90 -0.85	41.27 -3.29 -0.70	40.92 -3.29 -0.39	41.50 -3.07 -0.75
QUENSBRY_115KV_TB8 356137	46.44 2.58 -0.08	45.96 2.23 0.00	45.58 2.21 0.00	44.77 2.17 0.00	44.08 2.06 0.00	46.68 2.73 0.00	59.21 3.61 0.00	74.49 3.55 -15.52	69.92 3.28 -15.46	57.32 2.64 -10.64	48.83 2.10 -2.91	49.43 1.86 -4.35	45.93 1.54 -2.71	48.40 1.52 -6.90	51.14 1.72 -9.52	58.05 1.94 -13.85	66.01 2.25 -19.72	82.24 2.63 -30.85	75.97 2.53 -28.20	69.41 2.48 -22.71	62.71 2.33 -16.38	59.97 2.15 -13.96	53.60 2.06 -7.72	54.07 2.06 -8.19
RAMAPO___LBMP 323565	46.46 2.63 -0.06	45.87 2.14 0.00	45.41 2.04 0.00	44.56 1.96 0.00	43.91 1.89 0.00	46.37 2.42 0.00	59.21 3.61 0.00	70.88 3.77 -11.69	66.74 3.53 -12.03	55.44 3.08 -8.32	49.09 3.07 -2.20	49.44 2.94 -3.28	46.73 2.92 -2.14	47.90 2.72 -5.20	49.75 2.67 -7.17	55.48 2.79 -10.44	61.76 2.86 -14.86	76.33 3.61 -23.97	69.83 3.35 -21.25	64.47 3.14 -17.11	59.29 2.95 -12.34	57.32 2.94 -10.52	52.57 2.94 -5.82	52.71 2.72 -6.17
RANKINE____ 23646	40.55 -3.24 -0.01	40.54 -3.19 0.00	40.03 -3.34 0.00	39.19 -3.41 0.00	38.83 -3.19 0.00	41.10 -2.86 0.00	51.43 -4.17 0.00	51.78 -5.27 -1.62	46.74 -5.07 -0.62	40.75 -4.40 -1.11	39.20 -4.73 -0.11	38.40 -4.93 -0.11	37.19 -4.58 -0.10	35.83 -4.44 -0.28	35.78 -4.43 -0.30	38.13 -4.73 -0.61	41.59 -4.54 -2.09	48.16 -4.49 -3.88	44.58 -4.21 -3.55	42.88 -4.20 -2.86	40.08 -4.71 -0.79	39.70 -4.78 -0.62	39.30 -4.86 -0.35	40.38 -4.47 -1.03
RAVENSWOOD_GT2_1 24244	47.21 3.37 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.15 2.56 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.21 4.61 0.00	72.40 4.82 -12.15	78.71 4.55 -22.98	65.08 3.96 -17.08	50.24 3.94 -2.48	50.44 3.80 -3.42	50.31 3.75 -4.88	48.92 3.52 -5.41	50.84 3.47 -7.46	56.74 3.63 -10.85	63.23 3.74 -15.44	96.66 4.53 -43.37	71.52 4.21 -22.08	66.03 4.02 -17.78	60.61 3.78 -12.83	58.53 3.73 -10.94	53.64 3.77 -6.06	53.78 3.55 -6.41
RAVENSWOOD_GT2_2 24245	47.21 3.37 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.15 2.56 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.21 4.61 0.00	72.40 4.82 -12.15	78.71 4.55 -22.98	65.08 3.96 -17.08	50.24 3.94 -2.48	50.44 3.80 -3.42	50.31 3.75 -4.88	48.92 3.52 -5.41	50.84 3.47 -7.46	56.74 3.63 -10.85	63.23 3.74 -15.44	96.66 4.53 -43.37	71.52 4.21 -22.08	66.03 4.02 -17.78	60.61 3.78 -12.83	58.53 3.73 -10.94	53.64 3.77 -6.06	53.78 3.55 -6.41
RAVENSWOOD_GT2_3 24246	47.21 3.37 -0.06	46.57 2.84 0.00	46.06 2.69 0.00	45.20 2.60 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.27 4.67 0.00	72.40 4.82 -12.15	78.71 4.55 -22.98	65.13 4.01 -17.08	50.28 3.99 -2.48	50.49 3.85 -3.42	50.31 3.75 -4.88	48.96 3.56 -5.41	50.84 3.47 -7.46	56.74 3.63 -10.85	63.23 3.74 -15.44	96.66 4.53 -43.37	71.57 4.25 -22.08	66.03 4.02 -17.78	60.61 3.78 -12.83	58.57 3.77 -10.94	53.64 3.77 -6.06	53.78 3.55 -6.41
RAVENSWOOD_GT2_4 24247	47.21 3.37 -0.06	46.57 2.84 0.00	46.06 2.69 0.00	45.20 2.60 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.27 4.67 0.00	72.40 4.82 -12.15	78.71 4.55 -22.98	65.13 4.01 -17.08	50.28 3.99 -2.48	50.49 3.85 -3.42	50.31 3.75 -4.88	48.96 3.56 -5.41	50.84 3.47 -7.46	56.74 3.63 -10.85	63.23 3.74 -15.44	96.66 4.53 -43.37	71.57 4.25 -22.08	66.03 4.02 -17.78	60.61 3.78 -12.83	58.57 3.77 -10.94	53.64 3.77 -6.06	53.78 3.55 -6.41
RAVENSWOOD_GT3_1 24248	47.21 3.37 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.20 2.60 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.27 4.67 0.00	72.40 4.82 -12.15	78.71 4.55 -22.98	65.08 3.96 -17.08	50.24 3.94 -2.48	50.44 3.80 -3.42	50.31 3.75 -4.88	48.92 3.52 -5.41	50.84 3.47 -7.46	56.74 3.63 -10.85	63.23 3.74 -15.44	96.66 4.53 -43.37	71.52 4.21 -22.08	66.03 4.02 -17.78	60.61 3.78 -12.83	58.53 3.73 -10.94	53.64 3.77 -6.06	53.78 3.55 -6.41

RAVENSWOOD_GT3_2 24249	47.21 3.37 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.20 2.60 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.27 4.67 0.00	72.40 4.82 -12.15	78.71 4.55 -22.98	65.08 3.96 -17.08	50.24 3.94 -2.48	50.44 3.80 -3.42	50.31 3.75 -4.88	48.92 3.52 -5.41	50.84 3.47 -7.46	56.74 3.63 -10.85	63.23 3.74 -15.44	96.66 4.53 -43.37	71.52 4.21 -22.08	66.03 4.02 -17.78	60.61 3.78 -12.83	58.53 3.73 -10.94	53.64 3.77 -6.06	53.78 3.55 -6.41
RAVENSWOOD_GT3_3 24250	47.25 3.41 -0.06	46.57 2.84 0.00	46.06 2.69 0.00	45.24 2.64 0.00	44.54 2.52 0.00	47.12 3.16 0.00	60.33 4.73 0.00	72.45 4.88 -12.15	78.76 4.61 -22.98	65.17 4.05 -17.08	50.33 4.03 -2.48	50.53 3.89 -3.42	50.35 3.79 -4.88	48.96 3.56 -5.41	50.88 3.51 -7.46	56.78 3.68 -10.85	63.27 3.79 -15.44	96.76 4.63 -43.37	71.61 4.30 -22.08	66.07 4.07 -17.78	60.66 3.83 -12.83	58.61 3.82 -10.94	53.69 3.81 -6.06	53.82 3.59 -6.41
RAVENSWOOD_GT3_4 24251	47.25 3.41 -0.06	46.57 2.84 0.00	46.06 2.69 0.00	45.24 2.64 0.00	44.54 2.52 0.00	47.12 3.16 0.00	60.33 4.73 0.00	72.45 4.88 -12.15	78.76 4.61 -22.98	65.17 4.05 -17.08	50.33 4.03 -2.48	50.53 3.89 -3.42	50.35 3.79 -4.88	48.96 3.56 -5.41	50.88 3.51 -7.46	56.78 3.68 -10.85	63.27 3.79 -15.44	96.76 4.63 -43.37	71.61 4.30 -22.08	66.07 4.07 -17.78	60.66 3.83 -12.83	58.61 3.82 -10.94	53.69 3.81 -6.06	53.82 3.59 -6.41
RAVENSWOOD_GT_1 23729	47.48 3.63 -0.07	46.80 3.06 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.71 2.69 0.00	47.34 3.38 0.00	60.56 4.95 -0.01	72.67 5.10 -12.15	78.97 4.81 -22.98	65.30 4.18 -17.08	68.48 4.21 -20.46	50.70 4.06 -3.42	51.55 3.96 -5.91	58.52 3.76 -14.78	68.18 3.71 -24.56	62.97 3.84 -16.87	85.83 3.96 -37.82	101.94 4.83 -48.35	95.41 4.48 -45.69	83.62 4.29 -35.11	69.18 4.05 -21.13	61.86 3.99 -14.01	57.84 3.99 -10.03	54.00 3.77 -6.42
RAVENSWOOD_GT_10 24258	47.21 3.37 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.15 2.56 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.21 4.61 0.00	72.40 4.82 -12.15	78.71 4.55 -22.98	65.08 3.96 -17.08	49.34 3.94 -1.58	50.44 3.80 -3.42	50.31 3.75 -4.88	48.45 3.52 -4.94	49.98 3.47 -6.60	56.44 3.63 -10.55	62.10 3.74 -14.32	96.66 4.53 -43.37	70.34 4.21 -20.89	65.11 3.98 -16.91	60.44 3.78 -12.66	58.46 3.73 -10.87	53.64 3.77 -6.06	53.73 3.51 -6.41
RAVENSWOOD_GT_11 24259	47.21 3.37 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.15 2.56 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.21 4.61 0.00	72.40 4.82 -12.15	78.71 4.55 -22.98	65.08 3.96 -17.08	49.34 3.94 -1.58	50.44 3.80 -3.42	50.31 3.75 -4.88	48.45 3.52 -4.94	49.98 3.47 -6.60	56.44 3.63 -10.55	62.10 3.74 -14.32	96.66 4.53 -43.37	70.34 4.21 -20.89	65.11 3.98 -16.91	60.44 3.78 -12.66	58.46 3.73 -10.87	53.64 3.77 -6.06	53.73 3.51 -6.41
RAVENSWOOD_GT_4 24252	47.16 3.33 -0.06	46.48 2.76 0.01	45.97 2.60 0.01	45.15 2.56 0.01	44.46 2.44 0.00	47.03 3.08 0.00	60.21 4.61 0.01	72.34 4.77 -12.15	78.66 4.50 -22.98	65.08 3.96 -17.08	50.25 3.90 -2.53	50.40 3.76 -3.42	51.05 3.71 -5.67	48.88 3.48 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	100.41 4.49 -47.16	71.47 4.16 -22.07	65.98 3.98 -17.78	64.35 3.74 -16.61	59.86 3.68 -12.31	56.63 3.72 -9.09	53.73 3.51 -6.40
RAVENSWOOD_GT_5 24254	47.16 3.33 -0.06	46.48 2.76 0.01	45.97 2.60 0.01	45.15 2.56 0.01	44.46 2.44 0.00	47.03 3.08 0.00	60.21 4.61 0.01	72.34 4.77 -12.15	78.66 4.50 -22.98	65.08 3.96 -17.08	50.25 3.90 -2.53	50.40 3.76 -3.42	51.05 3.71 -5.67	48.88 3.48 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	100.41 4.49 -47.16	71.47 4.16 -22.07	65.98 3.98 -17.78	64.35 3.74 -16.61	59.86 3.68 -12.31	56.63 3.72 -9.09	53.73 3.51 -6.40
RAVENSWOOD_GT_6 24253	47.16 3.33 -0.06	46.48 2.76 0.01	45.97 2.60 0.01	45.15 2.56 0.01	44.46 2.44 0.00	47.03 3.08 0.00	60.21 4.61 0.01	72.34 4.77 -12.15	78.66 4.50 -22.98	65.08 3.96 -17.08	50.25 3.90 -2.53	50.40 3.76 -3.42	51.05 3.71 -5.67	48.88 3.48 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	100.41 4.49 -47.16	71.47 4.16 -22.07	65.98 3.98 -17.78	64.35 3.74 -16.61	59.86 3.68 -12.31	56.63 3.72 -9.09	53.73 3.51 -6.40
RAVENSWOOD_GT_7 24255	47.16 3.33 -0.06	46.48 2.76 0.01	45.97 2.60 0.01	45.15 2.56 0.01	44.46 2.44 0.00	47.03 3.08 0.00	60.21 4.61 0.01	72.34 4.77 -12.15	78.66 4.50 -22.98	65.08 3.96 -17.08	50.25 3.90 -2.53	50.40 3.76 -3.42	51.05 3.71 -5.67	48.88 3.48 -5.41	50.79 3.43 -7.46	56.69 3.59 -10.85	63.18 3.70 -15.44	100.41 4.49 -47.16	71.47 4.16 -22.07	65.98 3.98 -17.78	64.35 3.74 -16.61	59.86 3.68 -12.31	56.63 3.72 -9.09	53.73 3.51 -6.40
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.21 3.37 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.15 2.56 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.21 4.61 0.00	72.40 4.82 -12.15	78.71 4.55 -22.98	65.08 3.96 -17.08	49.34 3.94 -1.58	50.44 3.80 -3.42	50.31 3.75 -4.88	48.45 3.52 -4.94	49.98 3.47 -6.60	56.44 3.63 -10.55	62.10 3.74 -14.32	96.66 4.53 -43.37	70.34 4.21 -20.89	65.11 3.98 -16.91	60.44 3.78 -12.66	58.46 3.73 -10.87	53.64 3.77 -6.06	53.73 3.51 -6.41
RAVENSWOOD_GT_9 24257	47.21 3.37 -0.06	46.53 2.80 0.00	46.02 2.65 0.00	45.15 2.56 0.00	44.50 2.48 0.00	47.07 3.12 0.00	60.21 4.61 0.00	72.40 4.82 -12.15	78.71 4.55 -22.98	65.08 3.96 -17.08	49.34 3.94 -1.58	50.44 3.80 -3.42	50.31 3.75 -4.88	48.45 3.52 -4.94	49.98 3.47 -6.60	56.44 3.63 -10.55	62.10 3.74 -14.32	96.66 4.53 -43.37	70.34 4.21 -20.89	65.11 3.98 -16.91	60.44 3.78 -12.66	58.46 3.73 -10.87	53.64 3.77 -6.06	53.73 3.51 -6.41
RAVENSWOOD___1 23533	47.09 3.24 -0.07	46.75 3.02 -0.01	46.29 2.91 -0.01	45.42 2.81 -0.01	44.71 2.69 0.00	47.29 3.34 0.00	60.55 4.95 -0.01	72.62 5.04 -12.15	78.89 4.76 -22.95	65.28 4.19 -17.06	59.37 4.16 -11.38	50.66 4.02 -3.42	50.47 3.92 -4.88	53.78 3.72 -10.07	59.54 3.67 -15.97	59.90 3.80 -13.85	74.58 3.97 -26.57	96.86 4.78 -43.32	83.49 4.44 -33.82	74.87 4.25 -26.40	62.45 3.96 -14.49	59.33 3.90 -11.56	53.82 3.95 -6.06	54.00 3.77 -6.42
RAVENSWOOD___2 23534	47.04 3.19 -0.07	46.75 3.02 -0.01	46.29 2.91 -0.01	45.37 2.77 -0.01	44.71 2.69 0.00	47.25 3.30 0.00	60.50 4.89 -0.01	72.62 5.04 -12.15	78.89 4.76 -22.95	65.23 4.14 -17.06	59.33 4.16 -11.35	50.66 4.02 -3.42	50.43 3.88 -4.88	53.76 3.72 -10.05	59.51 3.67 -15.94	59.89 3.80 -13.84	74.54 3.97 -26.53	96.80 4.73 -43.32	83.45 4.44 -33.77	74.83 4.25 -26.37	62.44 3.96 -14.48	59.28 3.86 -11.56	53.82 3.95 -6.06	53.96 3.72 -6.42
RAVENSWOOD___3 23535	46.82 2.98 -0.06	46.53 2.80 0.00	46.06 2.69 0.00	45.20 2.60 0.00	44.50 2.48 0.00	47.03 3.08 0.00	60.27 4.67 0.00	72.39 4.82 -12.15	78.68 4.55 -22.95	65.06 3.97 -17.06	50.24 3.95 -2.48	50.44 3.80 -3.42	50.30 3.75 -4.88	48.92 3.52 -5.41	50.83 3.47 -7.46	56.74 3.63 -10.85	63.23 3.74 -15.44	96.61 4.54 -43.32	71.52 4.21 -22.08	66.03 4.02 -17.78	60.56 3.74 -12.83	58.48 3.68 -10.94	53.65 3.77 -6.06	53.77 3.55 -6.41

RAVENSWOOD___4 23820	47.04 3.19 -0.07	46.75 3.02 -0.01	46.24 2.86 -0.01	45.37 2.77 -0.01	44.67 2.65 0.00	47.25 3.30 0.00	60.50 4.89 -0.01	72.62 5.04 -12.15	78.83 4.71 -22.95	65.23 4.14 -17.06	50.35 4.12 -2.41	50.62 3.97 -3.42	49.41 3.88 -3.86	49.08 3.68 -5.41	51.00 3.63 -7.47	56.91 3.80 -10.85	63.45 3.97 -15.45	91.90 4.73 -38.41	71.75 4.44 -22.08	66.21 4.20 -17.79	55.90 3.96 -7.94	56.88 3.86 -9.16	49.91 3.95 -2.14	53.96 3.72 -6.41
RCPI_TRUST___DRP 24196	47.12 3.28 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.42 2.40 0.00	47.03 3.08 0.00	60.16 4.56 0.00	72.39 4.82 -12.14	74.74 4.61 -18.95	61.89 4.01 -13.84	50.17 3.94 -2.40	50.44 3.80 -3.41	49.29 3.75 -3.86	48.91 3.52 -5.40	50.83 3.47 -7.46	56.73 3.63 -10.84	63.22 3.74 -15.43	89.63 4.58 -36.29	71.51 4.21 -22.07	65.97 3.98 -17.78	60.56 3.74 -12.82	58.48 3.68 -10.93	53.59 3.72 -6.05	53.69 3.46 -6.41
RED___ROCHESTER 323720	41.55 -2.23 -0.01	41.45 -2.28 0.00	40.94 -2.43 0.00	40.17 -2.43 0.00	39.71 -2.31 0.00	42.02 -1.93 0.00	53.04 -2.56 0.00	54.49 -2.44 -1.50	49.99 -2.51 -1.32	43.00 -2.07 -1.03	41.10 -2.85 -0.13	40.09 -3.29 -0.15	39.04 -2.75 -0.12	37.99 -2.32 -0.32	38.06 -2.32 -0.47	40.10 -2.83 -0.67	43.70 -1.98 -1.65	49.96 -1.71 -2.90	46.35 -1.54 -2.65	44.77 -1.59 -2.14	42.75 -2.07 -0.82	41.90 -2.63 -0.67	41.48 -2.72 -0.38	42.27 -2.32 -0.77
REGAN___SOLAR 323812	49.77 5.91 -0.09	49.50 5.77 0.00	49.10 5.72 0.00	48.22 5.62 0.00	47.52 5.50 0.00	50.63 6.68 0.00	64.55 8.95 0.00	81.21 8.75 -17.03	76.13 7.98 -16.97	62.05 6.34 -11.67	52.49 5.48 -3.20	52.92 4.93 -4.77	48.90 4.25 -2.97	51.79 4.24 -7.57	55.02 4.67 -10.45	62.87 5.41 -15.20	71.54 5.86 -21.65	89.65 7.02 -33.86	82.66 6.47 -30.95	75.61 6.46 -24.93	68.05 6.07 -17.98	65.06 5.88 -15.32	57.86 5.57 -8.48	58.29 5.48 -8.99
RENSSELAER___COGEN 23796	45.43 1.57 -0.08	45.26 1.53 0.00	44.89 1.52 0.00	44.13 1.53 0.00	43.49 1.47 0.00	45.67 1.71 0.00	57.27 1.67 0.00	71.95 1.50 -15.03	67.53 1.38 -14.97	55.48 1.14 -10.30	47.73 1.10 -2.82	48.51 1.08 -4.21	45.38 1.08 -2.62	47.66 1.00 -6.67	50.11 1.00 -9.21	56.72 1.06 -13.41	64.32 1.19 -19.09	79.94 1.32 -29.86	73.75 1.22 -27.29	67.40 1.19 -21.98	60.99 1.14 -15.86	58.47 1.10 -13.51	52.43 1.14 -7.48	53.19 1.44 -7.93
REPUBLIC_115KV_BARTNBRK 55605	48.58 4.73 -0.08	47.97 4.24 0.00	47.62 4.25 0.00	46.69 4.09 0.00	45.93 3.91 0.00	48.96 5.01 0.00	62.22 6.62 0.00	77.37 6.43 -15.51	72.67 6.04 -15.45	59.52 4.84 -10.63	50.63 3.90 -2.91	51.07 3.50 -4.35	47.30 2.92 -2.71	49.72 2.84 -6.89	52.61 3.19 -9.51	59.69 3.59 -13.84	67.80 4.05 -19.71	84.37 4.78 -30.83	77.94 4.52 -28.18	71.34 4.42 -22.70	64.55 4.18 -16.37	61.72 3.90 -13.95	55.26 3.72 -7.72	55.82 3.81 -8.19
REVERE_CPPR_DRP 24186	45.40 1.62 0.00	45.22 1.49 0.00	44.76 1.39 0.00	43.92 1.32 0.00	43.41 1.39 0.00	45.84 1.89 0.00	58.55 2.95 0.00	61.31 5.27 -0.63	56.41 4.61 -0.62	47.82 3.35 -0.43	46.91 2.98 -0.12	46.34 2.94 -0.18	44.33 2.54 -0.11	42.55 2.28 -0.28	42.72 2.43 -0.38	45.64 2.83 -0.56	48.14 3.30 -0.79	52.30 2.29 -1.24	48.50 2.13 -1.14	47.12 1.99 -0.92	46.42 1.76 -0.66	46.05 1.62 -0.56	45.53 1.40 -0.31	45.46 1.31 -0.33
REYNOLDS_115KV_TB3 80639	45.87 2.01 -0.08	45.44 1.71 0.00	45.06 1.69 0.00	44.30 1.70 0.00	43.70 1.68 0.00	45.93 1.98 0.00	57.77 2.17 0.00	72.53 2.05 -15.06	67.97 1.79 -15.00	55.90 1.54 -10.32	48.13 1.49 -2.82	48.87 1.43 -4.22	45.72 1.42 -2.63	48.04 1.36 -6.69	50.49 1.36 -9.23	57.16 1.48 -13.43	64.80 1.63 -19.13	80.39 1.71 -29.92	74.17 1.58 -27.35	67.84 1.59 -22.03	61.42 1.54 -15.89	58.89 1.49 -13.54	52.84 1.53 -7.49	53.52 1.75 -7.94
RIVERBAY____ 323610	47.96 4.11 -0.07	47.37 3.63 -0.01	46.89 3.51 -0.01	46.01 3.41 -0.01	45.30 3.28 0.00	47.87 3.91 0.00	61.11 5.50 -0.01	73.06 5.49 -12.15	69.00 5.07 -12.75	57.29 4.40 -8.85	50.50 4.38 -2.30	50.88 4.24 -3.42	48.09 4.13 -2.29	49.27 3.88 -5.40	51.23 3.87 -7.45	57.15 4.06 -10.84	63.70 4.23 -15.43	79.45 5.07 -25.62	72.01 4.70 -22.07	66.51 4.51 -17.78	61.04 4.22 -12.82	59.00 4.21 -10.93	54.13 4.25 -6.06	54.40 4.16 -6.42
RIVERSDE_115KV_TB3 55908	45.82 1.97 -0.08	45.44 1.71 0.00	45.06 1.69 0.00	44.30 1.70 0.00	43.66 1.64 0.00	45.93 1.98 0.00	57.60 2.00 0.00	72.39 1.88 -15.09	67.84 1.64 -15.03	55.79 1.41 -10.34	48.01 1.36 -2.83	48.74 1.30 -4.23	45.60 1.29 -2.63	47.93 1.24 -6.70	50.39 1.24 -9.25	57.02 1.31 -13.46	64.66 1.45 -19.16	80.30 1.56 -29.98	74.09 1.45 -27.41	67.71 1.42 -22.07	61.33 1.41 -15.92	58.79 1.36 -13.57	52.73 1.40 -7.51	53.44 1.67 -7.96
ROARING___BROOK_WT_PWR 323790	43.69 -0.09 0.00	43.64 -0.09 0.00	43.29 -0.09 0.00	42.47 -0.13 0.00	41.85 -0.17 0.00	43.60 -0.35 0.00	55.04 -0.56 0.00	54.92 -0.50 0.00	50.72 -0.46 0.00	43.69 -0.35 0.00	43.51 -0.30 0.00	42.92 -0.30 0.00	41.22 -0.46 0.00	39.43 -0.56 0.00	39.26 -0.64 0.00	41.53 -0.72 0.00	43.20 -0.84 0.00	47.73 -1.03 0.00	44.33 -0.90 0.00	43.42 -0.79 0.00	43.38 -0.62 0.00	43.29 -0.57 0.00	43.38 -0.44 0.00	43.51 -0.30 0.00
ROCHESRG_115KV_T4 355643	41.11 -2.67 -0.01	41.06 -2.67 0.00	40.55 -2.82 0.00	39.79 -2.81 0.00	39.33 -2.69 0.00	41.58 -2.37 0.00	52.38 -3.22 0.00	53.87 -3.05 -1.49	49.28 -3.17 -1.27	42.51 -2.55 -1.02	40.61 -3.33 -0.13	39.66 -3.72 -0.15	38.62 -3.17 -0.12	37.59 -2.72 -0.32	37.65 -2.71 -0.46	39.58 -3.34 -0.67	43.20 -2.47 -1.62	49.30 -2.34 -2.88	45.74 -2.13 -2.63	44.13 -2.21 -2.12	42.23 -2.60 -0.83	41.46 -3.07 -0.67	41.17 -3.02 -0.38	41.82 -2.76 -0.76
ROCHESTER_9_IC 23652	41.37 -2.41 -0.01	41.28 -2.45 0.00	40.77 -2.60 0.00	40.00 -2.60 0.00	39.54 -2.48 0.00	41.80 -2.15 0.00	52.76 -2.84 0.00	54.26 -2.66 -1.49	49.68 -2.81 -1.31	42.77 -2.29 -1.02	40.88 -3.07 -0.12	39.87 -3.50 -0.15	38.87 -2.92 -0.12	37.83 -2.48 -0.32	37.89 -2.47 -0.46	39.84 -3.08 -0.67	43.47 -2.20 -1.64	49.66 -2.00 -2.90	46.08 -1.81 -2.65	44.45 -1.90 -2.14	42.49 -2.33 -0.83	41.73 -2.81 -0.67	41.39 -2.80 -0.38	42.05 -2.54 -0.77
ROCKVIEW_13_KV_LD 356306	47.03 3.20 -0.06	46.40 2.67 0.00	45.93 2.56 0.00	45.07 2.47 0.00	44.37 2.35 0.00	46.94 2.99 0.00	60.05 4.45 0.00	72.27 4.71 -12.14	68.51 4.45 -12.87	56.86 3.88 -8.94	50.01 3.90 -2.29	50.38 3.76 -3.40	47.66 3.67 -2.32	48.82 3.44 -5.39	50.74 3.39 -7.45	56.64 3.55 -10.84	63.08 3.61 -15.43	79.04 4.44 -25.84	71.41 4.12 -22.06	65.92 3.94 -17.77	60.46 3.65 -12.82	58.42 3.64 -10.92	53.50 3.64 -6.04	53.60 3.37 -6.41
ROME_____115KV_TB2 80656	45.40 1.62 0.00	45.22 1.49 0.00	44.76 1.39 0.00	43.92 1.32 0.00	43.41 1.39 0.00	45.84 1.89 0.00	58.55 2.95 0.00	61.31 5.27 -0.63	56.41 4.61 -0.62	47.82 3.35 -0.43	46.91 2.98 -0.12	46.34 2.94 -0.18	44.33 2.54 -0.11	42.55 2.28 -0.28	42.72 2.43 -0.38	45.64 2.83 -0.56	48.14 3.30 -0.79	52.30 2.29 -1.24	48.50 2.13 -1.14	47.12 1.99 -0.92	46.42 1.76 -0.66	46.05 1.62 -0.56	45.53 1.40 -0.31	45.46 1.31 -0.33

ROSETON___1 23587	46.07 2.23 -0.06	45.87 2.14 0.00	45.41 2.04 0.00	44.60 2.00 0.00	43.95 1.93 0.00	46.33 2.37 0.00	59.10 3.50 0.00	71.20 3.55 -12.23	66.70 3.32 -12.19	55.37 2.95 -8.38	49.05 2.94 -2.30	49.46 2.81 -3.43	46.56 2.75 -2.14	48.02 2.60 -5.44	50.00 2.59 -7.51	55.84 2.66 -10.92	62.41 2.82 -15.55	76.45 3.36 -24.32	70.59 3.12 -22.23	65.14 3.01 -17.91	59.73 2.82 -12.92	57.63 2.76 -11.01	52.71 2.81 -6.09	52.91 2.63 -6.46
ROSETON___2 23588	46.07 2.23 -0.06	45.87 2.14 0.00	45.41 2.04 0.00	44.60 2.00 0.00	43.95 1.93 0.00	46.33 2.37 0.00	59.10 3.50 0.00	71.20 3.55 -12.23	66.70 3.32 -12.19	55.37 2.95 -8.38	49.05 2.94 -2.30	49.46 2.81 -3.43	46.56 2.75 -2.14	48.02 2.60 -5.44	50.00 2.59 -7.51	55.84 2.66 -10.92	62.41 2.82 -15.55	76.45 3.36 -24.32	70.59 3.12 -22.23	65.14 3.01 -17.91	59.73 2.82 -12.92	57.63 2.76 -11.01	52.71 2.81 -6.09	52.91 2.63 -6.46
ROTTTRDAM_115KV_TB3 80664	45.65 1.79 -0.08	45.31 1.57 0.00	44.93 1.56 0.00	44.13 1.53 0.00	43.49 1.47 0.00	45.76 1.80 0.00	57.99 2.39 0.00	73.43 2.33 -15.67	68.94 2.15 -15.61	56.59 1.81 -10.74	48.38 1.62 -2.94	49.17 1.56 -4.39	45.87 1.46 -2.74	48.35 1.40 -6.96	50.95 1.44 -9.61	57.80 1.56 -13.99	65.67 1.72 -19.91	81.91 2.00 -31.15	75.57 1.85 -28.47	68.97 1.81 -22.93	62.25 1.72 -16.54	59.62 1.67 -14.10	53.24 1.62 -7.80	53.75 1.67 -8.27
RUSSELL___1 23602	41.55 -2.23 -0.01	41.46 -2.27 0.00	40.99 -2.39 0.00	40.17 -2.43 0.00	39.71 -2.31 0.00	42.02 -1.93 0.00	53.04 -2.56 0.00	54.59 -2.33 -1.49	49.98 -2.51 -1.31	42.99 -2.07 -1.02	41.09 -2.85 -0.12	40.09 -3.28 -0.15	39.04 -2.75 -0.12	37.99 -2.32 -0.32	38.05 -2.31 -0.46	40.05 -2.87 -0.67	43.74 -1.94 -1.64	49.96 -1.71 -2.90	46.35 -1.54 -2.65	44.72 -1.64 -2.14	42.71 -2.11 -0.83	41.95 -2.59 -0.67	41.61 -2.59 -0.38	42.27 -2.32 -0.77
RUSSELL___2 23532	41.55 -2.23 -0.01	41.46 -2.27 0.00	40.99 -2.39 0.00	40.17 -2.43 0.00	39.71 -2.31 0.00	42.02 -1.93 0.00	53.04 -2.56 0.00	54.59 -2.33 -1.49	49.98 -2.51 -1.31	42.99 -2.07 -1.02	41.09 -2.85 -0.12	40.09 -3.28 -0.15	39.04 -2.75 -0.12	37.99 -2.32 -0.32	38.05 -2.31 -0.46	40.05 -2.87 -0.67	43.74 -1.94 -1.64	49.96 -1.71 -2.90	46.35 -1.54 -2.65	44.72 -1.64 -2.14	42.71 -2.11 -0.83	41.95 -2.59 -0.67	41.61 -2.59 -0.38	42.27 -2.32 -0.77
RUSSELL___3 23549	41.55 -2.23 -0.01	41.46 -2.27 0.00	40.99 -2.39 0.00	40.17 -2.43 0.00	39.71 -2.31 0.00	42.02 -1.93 0.00	53.04 -2.56 0.00	54.59 -2.33 -1.49	49.98 -2.51 -1.31	42.99 -2.07 -1.02	41.09 -2.85 -0.12	40.09 -3.28 -0.15	39.04 -2.75 -0.12	37.99 -2.32 -0.32	38.05 -2.31 -0.46	40.05 -2.87 -0.67	43.74 -1.94 -1.64	49.96 -1.71 -2.90	46.35 -1.54 -2.65	44.72 -1.64 -2.14	42.71 -2.11 -0.83	41.95 -2.59 -0.67	41.61 -2.59 -0.38	42.27 -2.32 -0.77
RUSSELL___4 23556	41.55 -2.23 -0.01	41.46 -2.27 0.00	40.99 -2.39 0.00	40.17 -2.43 0.00	39.71 -2.31 0.00	42.02 -1.93 0.00	53.04 -2.56 0.00	54.59 -2.33 -1.49	49.98 -2.51 -1.31	42.99 -2.07 -1.02	41.09 -2.85 -0.12	40.09 -3.28 -0.15	39.04 -2.75 -0.12	37.99 -2.32 -0.32	38.05 -2.31 -0.46	40.05 -2.87 -0.67	43.74 -1.94 -1.64	49.96 -1.71 -2.90	46.35 -1.54 -2.65	44.72 -1.64 -2.14	42.71 -2.11 -0.83	41.95 -2.59 -0.67	41.61 -2.59 -0.38	42.27 -2.32 -0.77
RUSSELL___STATION 23914	41.55 -2.23 -0.01	41.46 -2.27 0.00	40.99 -2.39 0.00	40.17 -2.43 0.00	39.71 -2.31 0.00	42.02 -1.93 0.00	53.04 -2.56 0.00	54.59 -2.33 -1.49	49.98 -2.51 -1.31	42.99 -2.07 -1.02	41.09 -2.85 -0.12	40.09 -3.28 -0.15	39.04 -2.75 -0.12	37.99 -2.32 -0.32	38.05 -2.31 -0.46	40.05 -2.87 -0.67	43.74 -1.94 -1.64	49.96 -1.71 -2.90	46.35 -1.54 -2.65	44.72 -1.64 -2.14	42.71 -2.11 -0.83	41.95 -2.59 -0.67	41.61 -2.59 -0.38	42.27 -2.32 -0.77
S SALMON___HYD 24043	42.82 -0.96 0.00	42.73 -1.00 0.00	42.29 -1.08 0.00	41.54 -1.06 0.00	40.93 -1.09 0.00	42.94 -1.01 0.00	54.65 -0.95 0.00	55.51 -0.78 -0.86	51.22 -0.82 -0.86	43.84 -0.79 -0.59	42.93 -1.05 -0.16	42.34 -1.12 -0.24	40.70 -1.12 -0.15	39.29 -1.08 -0.38	39.39 -1.04 -0.53	42.01 -1.01 -0.77	44.29 -0.84 -1.09	49.76 -0.73 -1.73	46.15 -0.68 -1.59	44.79 -0.71 -1.28	43.99 -0.93 -0.92	43.64 -1.01 -0.78	43.16 -1.09 -0.43	43.18 -1.09 -0.46
S.PERRY___115KV_TB1 80734	42.82 -0.96 -0.01	43.12 -0.61 0.00	42.55 -0.82 0.00	41.70 -0.89 0.00	41.26 -0.76 0.00	43.82 -0.13 0.00	55.43 -0.17 0.00	57.34 -0.11 -2.03	56.73 -0.41 -5.96	44.73 -0.70 -1.39	42.17 -1.62 0.03	41.01 -2.07 0.14	39.86 -1.79 0.02	38.42 -1.56 0.01	39.19 -1.44 -0.73	41.06 -1.39 -0.20	45.66 -0.48 -2.10	53.11 0.15 -4.20	49.30 0.23 -3.84	47.27 -0.04 -3.09	43.76 -0.57 -0.33	43.05 -1.01 -0.20	42.76 -1.18 -0.13	43.97 -0.96 -1.12
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.84 -3.94 -0.01	39.84 -3.89 0.00	39.30 -4.08 0.00	38.51 -4.09 0.00	38.15 -3.87 0.00	40.35 -3.60 0.00	50.43 -5.17 0.00	50.95 -5.99 -1.51	46.09 -5.73 -0.64	40.23 -4.84 -1.04	38.54 -5.39 -0.11	37.63 -5.71 -0.11	36.69 -5.08 -0.10	35.51 -4.76 -0.28	35.47 -4.75 -0.31	37.51 -5.37 -0.62	41.17 -4.89 -2.02	47.62 -4.88 -3.74	44.08 -4.57 -3.42	42.46 -4.51 -2.75	39.77 -5.02 -0.79	39.18 -5.31 -0.62	38.91 -5.26 -0.35	40.03 -4.78 -0.99
SAWYER___23_KV_LOAD 55526	39.84 -3.94 -0.01	39.84 -3.89 0.00	39.30 -4.08 0.00	38.51 -4.09 0.00	38.15 -3.87 0.00	40.35 -3.60 0.00	50.43 -5.17 0.00	50.95 -5.99 -1.51	46.09 -5.73 -0.64	40.23 -4.84 -1.04	38.54 -5.39 -0.11	37.63 -5.71 -0.11	36.69 -5.08 -0.10	35.51 -4.76 -0.28	35.47 -4.75 -0.31	37.51 -5.37 -0.62	41.17 -4.89 -2.02	47.62 -4.88 -3.74	44.08 -4.57 -3.42	42.46 -4.51 -2.75	39.77 -5.02 -0.79	39.18 -5.31 -0.62	38.91 -5.26 -0.35	40.03 -4.78 -0.99
SELKIRK___I 23801	45.73 1.88 -0.08	45.57 1.84 0.00	45.19 1.82 0.00	44.43 1.83 0.00	43.79 1.76 0.00	45.98 2.02 0.00	57.83 2.23 0.00	72.20 1.99 -14.79	67.70 1.79 -14.73	55.67 1.50 -10.13	47.95 1.36 -2.77	48.66 1.30 -4.14	45.50 1.25 -2.58	47.76 1.20 -6.57	50.21 1.24 -9.07	56.80 1.35 -13.19	64.32 1.50 -18.78	79.81 1.66 -29.39	73.64 1.54 -26.86	67.40 1.55 -21.63	61.10 1.50 -15.60	58.60 1.45 -13.30	52.62 1.44 -7.36	53.29 1.66 -7.80
SELKIRK___II 23799	45.38 1.53 -0.08	45.22 1.49 0.00	44.85 1.48 0.00	44.09 1.49 0.00	43.45 1.43 0.00	45.62 1.67 0.00	57.49 1.89 0.00	72.10 1.72 -14.96	67.61 1.53 -14.90	55.61 1.32 -10.25	47.89 1.27 -2.80	48.62 1.21 -4.19	45.49 1.21 -2.61	47.75 1.12 -6.64	50.19 1.12 -9.17	56.82 1.23 -13.34	64.36 1.32 -19.00	79.99 1.51 -29.72	73.81 1.40 -27.17	67.47 1.37 -21.88	61.10 1.32 -15.78	58.58 1.27 -13.45	52.53 1.27 -7.44	53.20 1.49 -7.89
SENECA OSWGO___HYD 24041	42.47 -1.31 -0.01	42.42 -1.31 0.00	42.03 -1.34 0.00	41.23 -1.36 0.00	40.67 -1.35 0.00	42.72 -1.23 0.00	54.21 -1.39 0.00	55.07 -1.33 -0.98	50.88 -1.28 -0.98	43.53 -1.19 -0.67	42.60 -1.40 -0.18	41.98 -1.51 -0.28	40.43 -1.42 -0.17	39.11 -1.32 -0.44	39.23 -1.28 -0.60	41.82 -1.31 -0.88	44.19 -1.10 -1.25	49.67 -1.03 -1.94	46.06 -0.95 -1.77	44.67 -0.97 -1.43	43.84 -1.19 -1.03	43.46 -1.27 -0.88	42.90 -1.40 -0.48	42.97 -1.36 -0.51

SENECA___115KV_TB3 355854	40.63 -3.15 -0.01	40.63 -3.10 0.00	40.08 -3.30 0.00	39.28 -3.32 0.00	38.91 -3.11 0.00	41.18 -2.77 0.00	51.49 -4.11 0.00	51.89 -5.15 -1.62	46.84 -4.96 -0.62	40.83 -4.32 -1.11	39.28 -4.64 -0.11	38.49 -4.84 -0.11	37.28 -4.50 -0.10	35.91 -4.36 -0.28	35.86 -4.35 -0.30	38.21 -4.65 -0.61	41.68 -4.45 -2.09	48.25 -4.39 -3.88	44.67 -4.12 -3.55	42.96 -4.11 -2.86	40.16 -4.62 -0.79	39.74 -4.74 -0.62	39.39 -4.78 -0.35	40.42 -4.43 -1.03
SENECA___ENERGY 23797	42.60 -1.18 -0.01	42.64 -1.09 0.00	42.16 -1.21 0.00	41.36 -1.24 0.00	40.89 -1.13 0.00	43.16 -0.79 0.00	54.82 -0.78 0.00	56.18 -0.83 -1.58	52.11 -0.92 -1.85	44.20 -0.93 -1.09	42.69 -1.36 -0.23	41.96 -1.60 -0.33	40.43 -1.46 -0.22	39.31 -1.24 -0.56	39.54 -1.20 -0.84	42.10 -1.31 -1.15	45.04 -0.93 -1.92	51.25 -0.64 -3.13	47.51 -0.59 -2.86	45.86 -0.66 -2.30	44.44 -0.93 -1.36	43.78 -1.23 -1.15	43.10 -1.36 -0.64	43.38 -1.27 -0.83
SHOEMAKER___GT 23640	45.71 1.88 -0.06	45.52 1.79 0.00	45.06 1.69 0.00	44.26 1.66 0.00	43.62 1.60 0.00	45.98 2.02 0.00	58.66 3.06 0.00	69.60 3.05 -11.13	65.20 2.86 -11.16	54.18 2.46 -7.68	48.27 2.36 -2.09	48.59 2.25 -3.12	45.84 2.21 -1.96	47.02 2.08 -4.95	48.81 2.07 -6.83	54.35 2.15 -9.94	60.53 2.33 -14.15	73.91 2.88 -22.28	68.14 2.67 -20.24	63.04 2.52 -16.30	58.08 2.33 -11.76	56.20 2.32 -10.02	51.68 2.32 -5.54	51.89 2.19 -5.88
SHOEMAKR_138KV_BK 111 55601	45.93 2.10 -0.06	45.52 1.79 0.00	45.02 1.65 0.00	44.26 1.66 0.00	43.62 1.60 0.00	46.02 2.07 0.00	58.66 3.06 0.00	69.53 3.05 -11.06	65.13 2.87 -11.08	54.18 2.51 -7.63	48.30 2.41 -2.08	48.61 2.29 -3.10	45.87 2.25 -1.95	47.02 2.12 -4.92	48.80 2.11 -6.79	54.33 2.20 -9.88	60.43 2.33 -14.06	73.77 2.88 -22.13	68.06 2.71 -20.11	62.98 2.56 -16.19	58.05 2.38 -11.68	56.18 2.37 -9.95	51.69 2.37 -5.51	51.89 2.23 -5.84
SHOREHAM_IC_1 23715	58.49 4.51 -10.20	50.76 4.24 -2.79	48.00 4.25 -0.37	48.43 4.09 -1.74	51.28 4.03 -5.23	55.46 4.61 -6.89	81.18 6.34 -19.24	86.25 6.32 -24.51	116.27 5.93 -59.16	67.99 5.37 -18.58	65.51 5.26 -16.43	61.27 5.18 -12.87	49.75 5.08 -2.99	50.18 4.80 -5.39	53.81 4.79 -9.13	61.73 4.81 -14.66	87.91 4.67 -39.20	79.78 5.65 -25.37	72.77 5.38 -22.16	67.79 5.04 -18.53	70.29 4.93 -21.37	66.38 5.00 -17.52	63.40 5.17 -14.41	55.33 5.04 -6.48
SHOREHAM_IC_2 23716	58.49 4.51 -10.20	50.76 4.24 -2.79	48.00 4.25 -0.37	48.43 4.09 -1.74	51.28 4.03 -5.23	55.46 4.61 -6.89	81.18 6.34 -19.24	86.25 6.32 -24.51	116.27 5.93 -59.16	67.99 5.37 -18.58	65.51 5.26 -16.43	61.27 5.18 -12.87	49.75 5.08 -2.99	50.18 4.80 -5.39	53.81 4.79 -9.13	61.73 4.81 -14.66	87.91 4.67 -39.20	79.78 5.65 -25.37	72.77 5.38 -22.16	67.79 5.04 -18.53	70.29 4.93 -21.37	66.38 5.00 -17.52	63.40 5.17 -14.41	55.33 5.04 -6.48
SISSONVILLE____ 23735	42.50 -1.27 0.00	42.81 -0.92 0.00	42.46 -0.91 0.00	41.66 -0.94 0.00	41.18 -0.84 0.00	42.68 -1.27 0.00	53.88 -1.72 0.00	54.04 -1.39 0.00	49.95 -1.23 0.00	42.90 -1.15 0.00	42.85 -0.96 0.00	42.44 -0.78 0.00	40.72 -0.96 0.00	38.99 -1.00 0.00	38.90 -1.00 0.00	41.24 -1.01 0.00	42.76 -1.28 0.00	47.01 -1.76 0.00	43.61 -1.63 0.00	42.72 -1.50 0.00	42.72 -1.28 0.00	42.63 -1.23 0.00	42.68 -1.14 0.00	42.68 -1.14 0.00
SITHE_IND_GS1 24169	41.94 -1.84 0.00	41.90 -1.84 0.00	41.51 -1.86 0.00	40.77 -1.83 0.00	40.21 -1.81 0.00	42.19 -1.76 0.00	53.49 -2.11 0.00	54.09 -2.11 -0.77	49.95 -2.00 -0.76	42.81 -1.76 -0.53	42.03 -1.93 -0.14	41.45 -1.99 -0.21	39.93 -1.87 -0.13	38.57 -1.76 -0.34	38.66 -1.71 -0.47	41.08 -1.86 -0.68	43.29 -1.72 -0.97	48.52 -1.75 -1.51	44.99 -1.63 -1.38	43.74 -1.59 -1.11	43.04 -1.76 -0.80	42.70 -1.84 -0.68	42.27 -1.93 -0.38	42.38 -1.84 -0.40
SITHE_IND_GS2 24170	41.94 -1.84 0.00	41.90 -1.84 0.00	41.51 -1.86 0.00	40.77 -1.83 0.00	40.21 -1.81 0.00	42.19 -1.76 0.00	53.49 -2.11 0.00	54.09 -2.11 -0.77	49.95 -2.00 -0.76	42.81 -1.76 -0.53	42.03 -1.93 -0.14	41.45 -1.99 -0.21	39.93 -1.87 -0.13	38.57 -1.76 -0.34	38.66 -1.71 -0.47	41.08 -1.86 -0.68	43.29 -1.72 -0.97	48.52 -1.75 -1.51	44.99 -1.63 -1.38	43.74 -1.59 -1.11	43.04 -1.76 -0.80	42.70 -1.84 -0.68	42.27 -1.93 -0.38	42.38 -1.84 -0.40
SITHE_IND_GS3 24171	41.94 -1.84 0.00	41.90 -1.84 0.00	41.51 -1.86 0.00	40.77 -1.83 0.00	40.21 -1.81 0.00	42.19 -1.76 0.00	53.49 -2.11 0.00	54.09 -2.11 -0.77	49.95 -2.00 -0.76	42.81 -1.76 -0.53	42.03 -1.93 -0.14	41.45 -1.99 -0.21	39.93 -1.87 -0.13	38.57 -1.76 -0.34	38.66 -1.71 -0.47	41.08 -1.86 -0.68	43.29 -1.72 -0.97	48.52 -1.75 -1.51	44.99 -1.63 -1.38	43.74 -1.59 -1.11	43.04 -1.76 -0.80	42.70 -1.84 -0.68	42.27 -1.93 -0.38	42.38 -1.84 -0.40
SITHE_IND_GS4 24172	41.94 -1.84 0.00	41.90 -1.84 0.00	41.51 -1.86 0.00	40.77 -1.83 0.00	40.21 -1.81 0.00	42.19 -1.76 0.00	53.49 -2.11 0.00	54.09 -2.11 -0.77	49.95 -2.00 -0.76	42.81 -1.76 -0.53	42.03 -1.93 -0.14	41.45 -1.99 -0.21	39.93 -1.87 -0.13	38.57 -1.76 -0.34	38.66 -1.71 -0.47	41.08 -1.86 -0.68	43.29 -1.72 -0.97	48.52 -1.75 -1.51	44.99 -1.63 -1.38	43.74 -1.59 -1.11	43.04 -1.76 -0.80	42.70 -1.84 -0.68	42.27 -1.93 -0.38	42.38 -1.84 -0.40
SITHE___BATAVIA 24024	40.98 -2.80 -0.01	40.93 -2.80 0.00	40.38 -2.99 0.00	39.53 -3.07 0.00	39.16 -2.86 0.00	41.54 -2.42 0.00	52.21 -3.39 0.00	53.26 -3.66 -1.50	48.70 -3.48 -1.00	41.94 -3.13 -1.03	39.95 -3.99 -0.12	38.90 -4.45 -0.13	37.91 -3.87 -0.11	36.85 -3.44 -0.30	36.87 -3.43 -0.40	38.93 -3.97 -0.65	42.71 -3.17 -1.84	49.16 -2.92 -3.33	45.61 -2.67 -3.04	43.97 -2.70 -2.45	41.55 -3.26 -0.81	40.69 -3.82 -0.65	40.24 -3.94 -0.37	41.28 -3.42 -0.88
SITHE___INDEPEND 23800	41.98 -1.79 0.00	41.89 -1.84 0.00	41.51 -1.87 0.00	40.77 -1.83 0.00	40.21 -1.81 0.00	42.20 -1.76 0.00	53.49 -2.11 0.00	54.14 -2.05 -0.77	49.94 -2.00 -0.76	42.81 -1.76 -0.53	42.03 -1.93 -0.14	41.40 -2.03 -0.21	39.93 -1.88 -0.13	38.57 -1.76 -0.34	38.65 -1.72 -0.47	41.07 -1.86 -0.68	43.29 -1.72 -0.97	48.52 -1.76 -1.51	44.99 -1.63 -1.38	43.70 -1.64 -1.11	43.04 -1.76 -0.80	42.70 -1.84 -0.68	42.31 -1.88 -0.38	42.38 -1.84 -0.40
SITHE___MASSENA 23902	43.73 -0.04 0.00	43.77 0.04 0.00	43.46 0.09 0.00	42.64 0.04 0.00	42.15 0.13 0.00	43.65 -0.31 0.00	54.94 -0.66 0.00	54.92 -0.50 0.00	50.77 -0.41 0.00	43.69 -0.35 0.00	43.69 -0.13 0.00	43.26 0.04 0.00	41.59 -0.08 0.00	39.83 -0.16 0.00	39.74 -0.16 0.00	42.08 -0.17 0.00	43.60 -0.44 0.00	47.98 -0.78 0.00	44.51 -0.73 0.00	43.56 -0.66 0.00	43.60 -0.40 0.00	43.60 -0.26 0.00	43.69 -0.13 0.00	43.69 -0.13 0.00
SITHE___OGDNSBRG 24021	43.69 -0.09 0.00	44.04 0.31 0.00	43.68 0.30 0.00	42.85 0.26 0.00	42.40 0.38 0.00	43.91 -0.04 0.00	55.49 -0.11 0.00	55.64 0.22 0.00	51.38 0.20 0.00	44.08 0.04 0.00	44.12 0.31 0.00	43.70 0.48 0.00	41.88 0.21 0.00	40.15 0.16 0.00	40.02 0.12 0.00	42.42 0.17 0.00	43.95 -0.09 0.00	48.32 -0.44 0.00	44.83 -0.41 0.00	43.91 -0.31 0.00	43.91 -0.09 0.00	43.86 0.00 0.00	43.86 0.04 0.00	43.82 0.00 0.00

SITHE___STERLING 23777	44.96 1.18 0.00	44.87 1.14 0.00	44.41 1.04 0.00	43.62 1.02 0.00	43.07 1.05 0.00	45.45 1.50 0.00	57.99 2.39 0.00	58.10 1.83 -0.85	53.62 1.59 -0.85	45.81 1.19 -0.58	44.95 0.92 -0.21	44.32 0.78 -0.32	42.58 0.71 -0.19	41.20 0.72 -0.49	41.31 0.76 -0.65	44.15 0.93 -0.97	46.30 1.10 -1.15	52.01 1.81 -1.45	48.23 1.67 -1.32	46.83 1.55 -1.07	46.08 1.32 -0.77	45.74 1.23 -0.65	45.19 1.01 -0.36	45.21 1.01 -0.38
SLEIGHT__34_KV_TB1 80719	41.99 -1.79 -0.01	41.89 -1.84 0.00	41.42 -1.95 0.00	40.64 -1.96 0.00	40.13 -1.89 0.00	42.46 -1.49 0.00	53.77 -1.83 0.00	55.34 -1.55 -1.46	50.87 -1.74 -1.43	43.55 -1.50 -1.00	41.86 -2.15 -0.19	40.97 -2.51 -0.26	39.68 -2.17 -0.17	38.60 -1.84 -0.45	38.76 -1.80 -0.65	41.03 -2.15 -0.93	44.24 -1.50 -1.70	50.34 -1.27 -2.85	46.71 -1.13 -2.61	45.08 -1.24 -2.10	43.49 -1.63 -1.12	42.82 -1.97 -0.94	42.28 -2.06 -0.52	42.65 -1.93 -0.76
SOUTH CAIRO___GT 23612	47.31 3.46 -0.07	47.05 3.32 0.00	46.67 3.29 0.00	45.88 3.28 0.00	45.17 3.15 0.00	47.65 3.69 0.00	59.88 4.28 0.00	72.88 3.21 -14.24	68.28 2.92 -14.18	56.00 2.20 -9.76	48.11 1.62 -2.67	48.64 1.42 -3.99	45.41 1.25 -2.49	47.56 1.24 -6.33	50.11 1.48 -8.73	56.60 1.65 -12.71	64.20 2.07 -18.09	79.45 2.39 -28.30	73.41 2.31 -25.87	67.26 2.21 -20.83	61.22 2.20 -15.03	58.73 2.06 -12.81	52.83 1.93 -7.08	53.65 2.32 -7.51
SOUTH HAMPTN___IC 23720	59.36 5.38 -10.20	51.59 5.07 -2.79	48.77 5.03 -0.37	49.23 4.90 -1.74	52.08 4.83 -5.23	56.34 5.49 -6.89	81.99 7.62 -18.78	87.01 7.59 -24.00	115.51 7.11 -57.22	68.54 6.21 -18.29	66.10 6.18 -16.10	61.83 5.97 -12.64	50.46 5.79 -2.99	50.86 5.48 -5.39	54.57 5.54 -9.12	62.42 5.66 -14.50	87.95 5.68 -38.22	81.05 6.92 -25.37	73.90 6.52 -22.15	68.83 6.10 -18.50	70.95 5.94 -21.01	67.12 6.01 -17.25	64.07 6.09 -14.17	56.12 5.83 -6.48
SOUTHDOW_115KV_TB1 355954	42.73 -1.05 -0.01	42.68 -1.05 0.00	42.03 -1.34 0.00	41.15 -1.45 0.00	40.80 -1.22 0.00	43.29 -0.66 0.00	54.27 -1.33 0.00	54.64 -2.55 -1.76	49.62 -2.46 -0.90	42.83 -2.42 -1.21	41.31 -2.63 -0.12	40.62 -2.72 -0.12	39.12 -2.67 -0.12	37.46 -2.84 -0.31	37.48 -2.79 -0.37	39.80 -3.00 -0.55	43.11 -3.13 -2.20	50.27 -2.63 -4.15	46.36 -2.67 -3.79	44.57 -2.70 -3.05	41.47 -3.26 -0.73	41.30 -3.11 -0.56	40.76 -3.37 -0.32	41.85 -3.07 -1.10
SOUTHOLD_69_KV_BK 2 55809	60.31 6.35 -10.19	52.20 5.69 -2.78	49.33 5.60 -0.37	49.78 5.45 -1.73	52.62 5.38 -5.22	57.03 6.20 -6.88	82.93 8.56 -18.77	88.01 8.59 -24.00	116.38 7.93 -57.27	69.22 6.87 -18.31	66.75 6.84 -16.09	62.43 6.57 -12.64	50.96 6.29 -2.99	51.34 5.96 -5.39	55.08 6.07 -9.11	63.09 6.34 -14.50	88.65 6.39 -38.23	81.98 7.80 -25.42	74.76 7.37 -22.15	69.62 6.90 -18.50	71.79 6.78 -21.02	67.82 6.71 -17.25	64.72 6.75 -14.16	56.78 6.49 -6.48
SOUTHOLD___IC 23719	60.02 6.04 -10.20	52.21 5.68 -2.79	49.34 5.60 -0.37	49.79 5.45 -1.74	52.67 5.42 -5.23	57.00 6.15 -6.89	82.94 8.56 -18.78	88.01 8.59 -24.00	116.35 7.93 -57.24	69.20 6.87 -18.29	66.75 6.83 -16.10	62.44 6.57 -12.65	51.00 6.33 -2.99	51.34 5.96 -5.39	55.09 6.06 -9.12	63.05 6.30 -14.50	88.65 6.38 -38.23	81.93 7.80 -25.37	74.76 7.38 -22.15	69.62 6.90 -18.50	71.70 6.68 -21.02	67.82 6.71 -17.25	64.73 6.75 -14.17	56.78 6.48 -6.48
SOUTH_FORK_WT_PWR 323839	60.15 6.17 -10.20	52.34 5.82 -2.79	49.51 5.77 -0.37	49.96 5.62 -1.74	52.84 5.59 -5.23	57.13 6.28 -6.89	83.16 8.78 -18.78	88.17 8.75 -24.00	116.49 8.08 -57.23	69.33 7.00 -18.29	66.89 6.97 -16.10	62.52 6.65 -12.65	51.08 6.42 -2.99	51.46 6.08 -5.39	55.21 6.18 -9.12	63.17 6.42 -14.50	88.83 6.56 -38.23	82.13 8.00 -25.37	74.90 7.51 -22.15	69.80 7.07 -18.50	71.87 6.86 -21.02	68.00 6.89 -17.25	64.91 6.92 -14.17	56.91 6.62 -6.48
SPIERFLS_115KV_TB 1 80737	46.09 2.23 -0.08	45.61 1.88 0.00	45.24 1.87 0.00	44.43 1.83 0.00	43.74 1.72 0.00	46.28 2.33 0.00	58.71 3.11 0.00	74.00 3.05 -15.53	69.46 2.81 -15.47	56.93 2.25 -10.64	48.48 1.75 -2.91	49.13 1.56 -4.35	45.68 1.29 -2.71	48.17 1.28 -6.90	50.86 1.44 -9.52	57.76 1.65 -13.86	65.71 1.94 -19.73	81.92 2.29 -30.87	75.62 2.17 -28.21	69.07 2.12 -22.72	62.37 1.98 -16.39	59.67 1.84 -13.97	53.25 1.71 -7.73	53.77 1.75 -8.20
ST LAWRENCE____ 23600	43.42 -0.35 0.00	43.43 -0.30 0.00	43.16 -0.22 0.00	42.39 -0.21 0.00	41.81 -0.21 0.00	43.34 -0.62 0.00	54.49 -1.11 0.00	54.43 -1.00 0.00	50.31 -0.87 0.00	43.33 -0.71 0.00	43.34 -0.48 0.00	42.92 -0.30 0.00	41.30 -0.38 0.00	39.55 -0.44 0.00	39.46 -0.44 0.00	41.79 -0.46 0.00	43.25 -0.79 0.00	47.64 -1.12 0.00	44.15 -1.09 0.00	43.20 -1.02 0.00	43.29 -0.71 0.00	43.29 -0.57 0.00	43.38 -0.44 0.00	43.38 -0.44 0.00
STATE_CA_115KV_115_LB 55624	45.96 2.10 -0.08	45.52 1.79 0.00	45.15 1.78 0.00	44.39 1.79 0.00	43.74 1.72 0.00	46.02 2.07 0.00	57.66 2.06 0.00	72.54 1.94 -15.18	68.04 1.74 -15.12	55.89 1.45 -10.40	48.07 1.40 -2.85	48.77 1.30 -4.25	45.62 1.29 -2.65	47.93 1.20 -6.74	50.41 1.20 -9.31	57.06 1.27 -13.54	64.78 1.45 -19.28	80.54 1.61 -30.17	74.31 1.49 -27.58	67.89 1.46 -22.21	61.42 1.41 -16.02	58.87 1.36 -13.65	52.73 1.36 -7.55	53.49 1.67 -8.01
STATE_ST_34_KV_LOAD 55959	43.39 -0.39 -0.01	43.25 -0.48 0.00	42.81 -0.56 0.00	42.04 -0.55 0.00	41.47 -0.55 0.00	43.78 -0.18 0.00	55.66 0.06 0.00	57.09 0.11 -1.55	52.87 0.00 -1.69	44.93 -0.18 -1.06	43.71 -0.48 -0.37	43.11 -0.69 -0.58	41.35 -0.67 -0.35	40.30 -0.56 -0.87	40.62 -0.48 -1.20	43.53 -0.46 -1.74	46.00 -0.13 -2.09	52.04 0.20 -3.09	48.24 0.18 -2.82	46.58 0.09 -2.27	45.86 -0.18 -2.04	45.26 -0.35 -1.75	44.26 -0.53 -0.97	44.11 -0.53 -0.82
STATION 5_MISC_HYD 23604	41.33 -2.45 -0.01	41.28 -2.45 0.00	40.77 -2.60 0.00	40.00 -2.60 0.00	39.54 -2.48 0.00	41.80 -2.15 0.00	52.77 -2.83 0.00	54.16 -2.77 -1.50	49.68 -2.81 -1.32	42.78 -2.29 -1.03	40.88 -3.07 -0.13	39.88 -3.50 -0.15	38.87 -2.92 -0.12	37.83 -2.48 -0.32	37.86 -2.51 -0.47	39.88 -3.04 -0.67	43.48 -2.20 -1.65	49.66 -2.00 -2.90	46.08 -1.81 -2.65	44.50 -1.86 -2.14	42.53 -2.29 -0.82	41.68 -2.85 -0.67	41.30 -2.89 -0.38	42.05 -2.54 -0.77
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.38 -1.40 -0.01	42.33 -1.40 0.00	41.81 -1.56 0.00	41.07 -1.53 0.00	40.55 -1.47 0.00	42.90 -1.05 0.00	54.32 -1.28 0.00	55.86 -1.05 -1.49	51.42 -1.23 -1.47	43.92 -1.15 -1.02	42.15 -1.80 -0.12	41.21 -2.16 -0.15	39.92 -1.88 -0.12	38.78 -1.52 -0.32	38.91 -1.48 -0.49	41.11 -1.82 -0.68	44.59 -1.10 -1.65	50.91 -0.78 -2.93	47.24 -0.68 -2.68	45.58 -0.80 -2.16	43.64 -1.19 -0.84	42.96 -1.58 -0.68	42.49 -1.71 -0.38	43.06 -1.53 -0.78
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.29 -2.50 -0.01	41.19 -2.54 0.00	40.68 -2.69 0.00	39.91 -2.68 0.00	39.46 -2.56 0.00	41.71 -2.24 0.00	52.65 -2.95 0.00	54.19 -2.72 -1.48	49.81 -2.81 -1.45	42.72 -2.33 -1.01	40.88 -3.07 -0.13	39.87 -3.50 -0.15	38.83 -2.96 -0.12	37.79 -2.52 -0.32	37.88 -2.51 -0.49	39.84 -3.08 -0.67	43.42 -2.25 -1.63	49.60 -2.05 -2.88	46.02 -1.85 -2.64	44.40 -1.95 -2.12	42.45 -2.38 -0.83	41.69 -2.85 -0.68	41.39 -2.80 -0.38	42.00 -2.59 -0.77

STA_56___34_KV_BUS2 355983	41.29 -2.50 -0.01	41.19 -2.54 0.00	40.68 -2.69 0.00	39.91 -2.68 0.00	39.46 -2.56 0.00	41.71 -2.24 0.00	52.65 -2.95 0.00	54.19 -2.72 -1.48	49.81 -2.81 -1.45	42.72 -2.33 -1.01	40.88 -3.07 -0.13	39.87 -3.50 -0.15	38.83 -2.96 -0.12	37.79 -2.52 -0.32	37.88 -2.51 -0.49	39.84 -3.08 -0.67	43.42 -2.25 -1.63	49.60 -2.05 -2.88	46.02 -1.85 -2.64	44.40 -1.95 -2.12	42.45 -2.38 -0.83	41.69 -2.85 -0.68	41.39 -2.80 -0.38	42.00 -2.59 -0.77
STA_67___115KV_BK2 355882	41.29 -2.50 -0.01	41.19 -2.54 0.00	40.73 -2.65 0.00	39.91 -2.68 0.00	39.46 -2.56 0.00	41.71 -2.24 0.00	52.60 -3.00 0.00	54.09 -2.83 -1.49	49.57 -2.92 -1.31	42.69 -2.38 -1.02	40.79 -3.15 -0.12	39.79 -3.59 -0.15	38.79 -3.00 -0.12	37.71 -2.60 -0.32	37.77 -2.59 -0.46	39.75 -3.17 -0.67	43.38 -2.29 -1.63	49.51 -2.15 -2.90	45.94 -1.95 -2.65	44.36 -1.99 -2.13	42.36 -2.46 -0.83	41.64 -2.89 -0.67	41.30 -2.89 -0.38	42.00 -2.59 -0.77
STA_7___115KV_9TRANS 80674	41.55 -2.23 -0.01	41.46 -2.27 0.00	40.99 -2.39 0.00	40.17 -2.43 0.00	39.71 -2.31 0.00	42.02 -1.93 0.00	53.04 -2.56 0.00	54.59 -2.33 -1.49	49.98 -2.51 -1.31	42.99 -2.07 -1.02	41.09 -2.85 -0.12	40.09 -3.28 -0.15	39.04 -2.75 -0.12	37.99 -2.32 -0.32	38.05 -2.31 -0.46	40.05 -2.87 -0.67	43.74 -1.94 -1.64	49.96 -1.71 -2.90	46.35 -1.54 -2.65	44.72 -1.64 -2.14	42.71 -2.11 -0.83	41.95 -2.59 -0.67	41.61 -2.59 -0.38	42.27 -2.32 -0.77
STA_82___115KV_TB1 80780	41.29 -2.50 -0.01	41.19 -2.54 0.00	40.73 -2.65 0.00	39.96 -2.64 0.00	39.50 -2.52 0.00	41.76 -2.20 0.00	52.65 -2.95 0.00	54.15 -2.77 -1.49	49.73 -2.92 -1.47	42.69 -2.38 -1.02	40.79 -3.15 -0.12	39.83 -3.54 -0.15	38.79 -3.00 -0.12	37.75 -2.56 -0.32	37.83 -2.55 -0.49	39.79 -3.13 -0.67	43.44 -2.25 -1.64	49.58 -2.10 -2.92	46.00 -1.90 -2.67	44.38 -1.99 -2.15	42.40 -2.42 -0.83	41.64 -2.89 -0.67	41.35 -2.85 -0.38	42.01 -2.59 -0.77
STEEL___WIND 323596	40.59 -3.19 -0.01	40.58 -3.15 0.00	40.03 -3.34 0.00	39.23 -3.37 0.00	38.87 -3.15 0.00	41.14 -2.81 0.00	51.43 -4.17 0.00	51.73 -5.32 -1.62	46.80 -5.01 -0.63	40.79 -4.36 -1.12	39.20 -4.73 -0.11	38.44 -4.88 -0.11	37.24 -4.54 -0.11	35.87 -4.40 -0.28	35.82 -4.39 -0.31	38.14 -4.73 -0.62	41.60 -4.54 -2.10	48.21 -4.44 -3.88	44.63 -4.16 -3.55	43.01 -4.07 -2.86	40.16 -4.62 -0.78	39.74 -4.74 -0.61	39.30 -4.87 -0.35	40.38 -4.47 -1.03
STEPHTWN_115KV_BK_2 55603	46.39 2.54 -0.08	46.00 2.27 0.00	45.63 2.26 0.00	44.86 2.26 0.00	44.16 2.14 0.00	46.55 2.72 0.00	58.32 2.55 0.00	73.00 2.35 -15.03	68.50 2.35 -14.97	56.27 1.94 -10.30	48.39 1.75 -2.82	49.07 1.64 -4.21	45.84 1.54 -2.62	48.10 1.44 -6.67	50.59 1.48 -9.21	57.26 1.61 -13.41	64.93 1.81 -19.09	80.67 2.05 -29.86	74.43 1.90 -27.29	68.11 1.90 -21.98	61.61 1.76 -15.86	59.08 1.71 -13.51	53.00 1.71 -7.48	53.76 2.02 -7.93
STEBUBEN_REC_LFGE 323667	41.42 -2.36 -0.01	43.16 -0.57 0.00	42.68 -0.69 0.00	41.87 -0.72 0.00	41.39 -0.63 0.00	43.91 -0.04 0.00	55.49 -0.11 0.00	57.36 -0.67 -2.60	56.13 -0.77 -5.72	44.72 -1.10 -1.78	41.76 -1.62 0.44	40.36 -1.99 0.88	39.40 -1.88 0.40	37.27 -1.80 0.92	37.79 -1.64 0.47	39.50 -1.44 1.32	45.14 -1.06 -2.15	53.62 -0.54 -5.39	49.58 -0.59 -4.93	47.44 -0.75 -3.97	41.46 -1.19 1.35	41.26 -1.27 1.33	41.58 -1.53 0.70	43.94 -1.31 -1.43
STILLWATER___SOLAR 323814	46.31 2.45 -0.08	46.09 2.36 0.00	45.67 2.30 0.00	44.85 2.26 0.00	44.20 2.18 0.00	46.59 2.64 0.00	59.10 3.50 0.00	74.26 3.38 -15.46	69.65 3.07 -15.40	57.14 2.51 -10.59	48.91 2.19 -2.90	49.63 2.07 -4.33	46.25 1.88 -2.70	48.66 1.80 -6.87	51.30 1.92 -9.48	58.16 2.11 -13.79	66.06 2.38 -19.64	82.16 2.68 -30.72	75.85 2.53 -28.08	69.36 2.52 -22.62	62.68 2.37 -16.31	60.09 2.32 -13.90	53.74 2.23 -7.69	54.30 2.32 -8.16
STONY___BROOK 24151	58.29 4.29 -10.22	50.59 4.07 -2.79	47.69 3.95 -0.37	48.17 3.84 -1.74	50.98 3.74 -5.23	55.24 4.39 -6.89	84.17 6.28 -22.29	89.47 6.15 -27.90	129.02 5.93 -71.90	69.79 5.28 -20.47	67.68 5.21 -18.65	62.60 5.05 -14.33	49.58 4.92 -2.99	50.02 4.64 -5.39	53.71 4.67 -9.15	62.74 4.77 -15.71	94.38 4.62 -45.71	79.61 5.46 -25.39	72.62 5.20 -22.18	67.87 4.91 -18.75	72.42 4.71 -23.71	68.02 4.82 -19.34	64.83 4.99 -16.02	55.01 4.69 -6.50
STURGEON_POOL_HYD 23609	46.47 2.63 -0.07	45.92 2.19 0.00	45.45 2.08 0.00	44.64 2.04 0.00	43.95 1.93 0.00	46.37 2.42 0.00	59.38 3.78 0.00	71.52 3.55 -12.55	67.06 3.38 -12.50	55.63 2.99 -8.60	49.11 2.94 -2.35	49.59 2.85 -3.52	46.62 2.75 -2.19	48.12 2.56 -5.58	50.15 2.55 -7.70	56.07 2.62 -11.20	62.72 2.73 -15.95	77.12 3.41 -24.95	71.21 3.17 -22.81	65.55 2.96 -18.37	60.02 2.77 -13.25	57.96 2.81 -11.29	52.87 2.80 -6.25	52.98 2.54 -6.62
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.37 2.54 -0.06	45.83 2.10 0.00	45.41 2.04 0.00	44.47 1.87 0.00	43.83 1.81 0.00	46.24 2.29 0.00	58.99 3.39 0.00	70.29 3.49 -11.37	65.86 3.28 -11.41	54.75 2.86 -7.85	48.76 2.80 -2.14	49.09 2.68 -3.19	46.30 2.63 -2.01	47.52 2.48 -5.05	49.31 2.43 -6.98	54.94 2.54 -10.15	61.14 2.64 -14.46	74.86 3.32 -22.78	68.99 3.08 -20.67	63.79 2.92 -16.65	58.73 2.73 -12.01	56.82 2.72 -10.23	52.20 2.72 -5.66	52.32 2.50 -6.01
SWANROAD_115KV_TB1 355699	38.79 -4.99 -0.01	38.79 -4.94 0.00	38.25 -5.12 0.00	37.49 -5.11 0.00	37.15 -4.87 0.00	39.29 -4.66 0.00	49.04 -6.56 0.00	49.59 -7.32 -1.48	45.22 -6.76 -0.80	39.20 -5.86 -1.02	37.49 -6.44 -0.11	36.51 -6.83 -0.12	35.70 -6.08 -0.11	34.68 -5.60 -0.29	34.67 -5.59 -0.35	36.46 -6.42 -0.63	40.18 -5.81 -1.95	46.35 -6.00 -3.59	42.95 -5.56 -3.28	41.38 -5.48 -2.64	38.91 -5.90 -0.81	38.18 -6.32 -0.64	38.00 -6.18 -0.36	39.12 -5.65 -0.95
SYNERGY___BIOGAS 323694	40.98 -2.80 -0.01	40.93 -2.80 0.00	40.38 -2.99 0.00	39.53 -3.07 0.00	39.16 -2.86 0.00	41.54 -2.42 0.00	52.21 -3.39 0.00	53.26 -3.66 -1.50	48.70 -3.48 -1.00	41.94 -3.13 -1.03	39.95 -3.99 -0.12	38.90 -4.45 -0.13	37.91 -3.87 -0.11	36.85 -3.44 -0.30	36.87 -3.43 -0.40	38.93 -3.97 -0.65	42.71 -3.17 -1.84	49.16 -2.92 -3.33	45.61 -2.67 -3.04	43.97 -2.70 -2.45	41.55 -3.26 -0.81	40.69 -3.82 -0.65	40.24 -3.94 -0.37	41.28 -3.42 -0.88
SYRACUSE___ENERGY_ST1 323597	43.21 -0.57 -0.01	43.07 -0.66 0.00	42.68 -0.69 0.00	41.87 -0.72 0.00	41.35 -0.67 0.00	43.47 -0.48 0.00	55.16 -0.44 0.00	56.28 -0.39 -1.24	51.96 -0.46 -1.24	44.41 -0.48 -0.85	43.31 -0.74 -0.23	42.66 -0.91 -0.35	41.06 -0.83 -0.22	39.78 -0.76 -0.55	39.99 -0.68 -0.76	42.69 -0.68 -1.11	45.18 -0.44 -1.58	50.99 -0.24 -2.47	47.27 -0.23 -2.26	45.73 -0.31 -1.82	44.78 -0.53 -1.31	44.37 -0.61 -1.12	43.69 -0.74 -0.62	43.77 -0.70 -0.66
SYRACUSE___ENERGY_ST2 323598	43.21 -0.57 -0.01	43.07 -0.66 0.00	42.68 -0.69 0.00	41.87 -0.72 0.00	41.35 -0.67 0.00	43.47 -0.48 0.00	55.16 -0.44 0.00	56.28 -0.39 -1.24	51.96 -0.46 -1.24	44.41 -0.48 -0.85	43.31 -0.74 -0.23	42.66 -0.91 -0.35	41.06 -0.83 -0.22	39.78 -0.76 -0.55	39.99 -0.68 -0.76	42.69 -0.68 -1.11	45.18 -0.44 -1.58	50.99 -0.24 -2.47	47.27 -0.23 -2.26	45.73 -0.31 -1.82	44.78 -0.53 -1.31	44.37 -0.61 -1.12	43.69 -0.74 -0.62	43.77 -0.70 -0.66

SYRACUSE___POWER 24017	43.17 -0.61 -0.01	43.03 -0.70 0.00	42.59 -0.78 0.00	41.83 -0.77 0.00	41.26 -0.76 0.00	43.43 -0.53 0.00	55.10 -0.50 0.00	56.28 -0.44 -1.30	51.96 -0.51 -1.30	44.40 -0.53 -0.89	43.33 -0.79 -0.30	42.78 -0.91 -0.47	41.08 -0.88 -0.28	39.94 -0.76 -0.71	40.14 -0.72 -0.96	42.95 -0.72 -1.41	45.30 -0.48 -1.74	51.06 -0.29 -2.59	47.33 -0.27 -2.37	45.77 -0.35 -1.91	45.08 -0.57 -1.66	44.63 -0.66 -1.43	43.86 -0.74 -0.79	43.76 -0.74 -0.69
TALLMAN___138KV_BK151 55660	46.59 2.76 -0.06	46.00 2.27 0.00	45.54 2.17 0.00	44.69 2.09 0.00	44.04 2.02 0.00	46.50 2.55 0.00	59.44 3.84 0.00	71.06 3.99 -11.65	66.94 3.79 -11.97	55.62 3.30 -8.27	49.25 3.24 -2.19	49.60 3.11 -3.27	46.88 3.08 -2.13	48.04 2.88 -5.18	49.88 2.83 -7.15	55.61 2.96 -10.40	61.88 3.04 -14.80	76.41 3.80 -23.85	69.94 3.53 -21.17	64.59 3.32 -17.05	59.42 3.12 -12.30	57.41 3.07 -10.48	52.73 3.11 -5.80	52.82 2.85 -6.15
TEALLAVE_115KV_TB7 355573	42.86 -0.92 -0.01	42.72 -1.01 0.00	42.33 -1.04 0.00	41.58 -1.02 0.00	41.01 -1.01 0.00	43.16 -0.79 0.00	54.77 -0.83 0.00	55.68 -0.83 -1.09	51.39 -0.87 -1.08	43.95 -0.84 -0.74	42.97 -1.05 -0.20	42.32 -1.21 -0.30	40.74 -1.13 -0.19	39.47 -1.00 -0.48	39.61 -0.96 -0.67	42.21 -1.01 -0.97	44.63 -0.79 -1.38	50.28 -0.63 -2.16	46.62 -0.59 -1.97	45.14 -0.66 -1.59	44.31 -0.84 -1.15	43.87 -0.96 -0.98	43.31 -1.05 -0.54	43.38 -1.01 -0.57
TELGRAPH_34_KV_EAST 80808	40.11 -3.68 -0.01	40.10 -3.63 0.00	39.56 -3.82 0.00	38.76 -3.83 0.00	38.41 -3.61 0.00	40.70 -3.25 0.00	50.99 -4.61 0.00	51.82 -5.10 -1.49	47.22 -4.86 -0.91	40.84 -4.23 -1.02	38.98 -4.95 -0.12	37.99 -5.36 -0.13	37.07 -4.71 -0.11	35.96 -4.32 -0.29	35.97 -4.31 -0.37	37.95 -4.94 -0.64	41.69 -4.23 -1.88	48.04 -4.14 -3.43	44.53 -3.85 -3.13	42.90 -3.85 -2.52	40.45 -4.36 -0.81	39.73 -4.78 -0.65	39.45 -4.73 -0.36	40.43 -4.29 -0.91
TEMPLE___115KV_TB 2 55572	42.90 -0.88 -0.01	42.77 -0.96 0.00	42.33 -1.04 0.00	41.58 -1.02 0.00	41.05 -0.97 0.00	43.21 -0.75 0.00	54.82 -0.78 0.00	55.75 -0.78 -1.10	51.46 -0.82 -1.10	44.00 -0.79 -0.75	43.02 -1.01 -0.21	42.36 -1.17 -0.31	40.78 -1.08 -0.19	39.52 -0.96 -0.49	39.66 -0.92 -0.67	42.26 -0.97 -0.98	44.69 -0.75 -1.40	50.36 -0.59 -2.19	46.69 -0.54 -2.00	45.21 -0.62 -1.61	44.32 -0.84 -1.16	43.93 -0.92 -0.99	43.36 -1.01 -0.55	43.39 -1.01 -0.58
TIANA___69_KV_BK 1 55817	59.44 5.47 -10.19	51.37 4.85 -2.78	48.55 4.81 -0.37	49.01 4.69 -1.73	51.82 4.58 -5.22	56.11 5.27 -6.88	81.65 7.28 -18.77	86.68 7.26 -24.00	115.25 6.81 -57.27	68.34 5.99 -18.31	65.83 5.92 -16.09	61.61 5.75 -12.64	50.25 5.58 -2.99	50.66 5.28 -5.39	54.32 5.31 -9.11	62.20 5.45 -14.50	87.64 5.37 -38.23	80.76 6.58 -25.42	73.63 6.24 -22.15	68.56 5.84 -18.50	70.73 5.72 -21.02	66.86 5.75 -17.25	63.85 5.87 -14.16	55.90 5.61 -6.48
TILDEN___115KV_TB1 80814	43.17 -0.61 -0.01	43.03 -0.70 0.00	42.59 -0.78 0.00	41.83 -0.77 0.00	41.26 -0.76 0.00	43.43 -0.53 0.00	55.10 -0.50 0.00	56.28 -0.44 -1.30	51.96 -0.51 -1.30	44.40 -0.53 -0.89	43.33 -0.79 -0.30	42.78 -0.91 -0.47	41.08 -0.88 -0.28	39.94 -0.76 -0.71	40.14 -0.72 -0.96	42.95 -0.72 -1.41	45.30 -0.48 -1.74	51.06 -0.29 -2.59	47.33 -0.27 -2.37	45.77 -0.35 -1.91	45.08 -0.57 -1.66	44.63 -0.66 -1.43	43.86 -0.74 -0.79	43.76 -0.74 -0.69
TRIGEN___CC 323695	57.62 3.72 -10.12	49.75 3.24 -2.78	46.86 3.12 -0.37	47.35 3.02 -1.73	50.14 2.90 -5.22	54.40 3.56 -6.88	68.89 5.12 -8.18	72.79 5.21 -12.15	69.13 4.91 -13.04	60.10 4.32 -11.74	56.53 4.29 -8.42	54.95 4.15 -7.58	48.75 4.08 -2.99	49.22 3.84 -5.39	52.74 3.79 -9.04	57.04 3.93 -10.85	63.42 3.96 -15.42	78.94 4.83 -25.35	71.86 4.57 -22.05	66.23 4.25 -17.76	60.91 4.09 -12.82	58.85 4.04 -10.96	56.51 4.12 -8.57	54.04 3.81 -6.41
TRINITY___115KV___ 4 BK 55933	45.74 1.88 -0.08	45.35 1.62 0.00	44.98 1.60 0.00	44.22 1.62 0.00	43.58 1.55 0.00	45.84 1.89 0.00	57.43 1.83 0.00	72.14 1.66 -15.06	67.66 1.48 -15.00	55.63 1.28 -10.32	47.87 1.23 -2.82	48.61 1.17 -4.22	45.47 1.17 -2.63	47.80 1.12 -6.69	50.21 1.08 -9.23	56.83 1.14 -13.44	64.45 1.28 -19.13	80.10 1.41 -29.93	73.90 1.31 -27.35	67.53 1.28 -22.03	61.12 1.23 -15.89	58.59 1.18 -13.54	52.54 1.23 -7.49	53.30 1.53 -7.95
UNION___PROCESSING_DRP 323587	41.33 -2.45 -0.01	41.24 -2.49 0.00	40.73 -2.65 0.00	39.96 -2.64 0.00	39.50 -2.52 0.00	41.76 -2.20 0.00	52.71 -2.89 0.00	54.20 -2.72 -1.49	49.78 -2.87 -1.47	42.73 -2.33 -1.02	40.83 -3.11 -0.12	39.83 -3.54 -0.15	38.79 -3.00 -0.12	37.75 -2.56 -0.32	37.84 -2.55 -0.49	39.80 -3.13 -0.67	43.44 -2.25 -1.64	49.58 -2.10 -2.92	46.05 -1.85 -2.67	44.42 -1.95 -2.15	42.41 -2.42 -0.83	41.64 -2.89 -0.67	41.35 -2.85 -0.38	42.01 -2.59 -0.78
UPPER HUDSON___HYD 24058	45.91 2.06 -0.08	45.61 1.88 0.00	45.24 1.86 0.00	44.43 1.83 0.00	43.74 1.72 0.00	46.24 2.28 0.00	58.71 3.11 0.00	74.00 3.05 -15.53	69.46 2.81 -15.47	56.93 2.24 -10.64	48.49 1.75 -2.91	49.13 1.55 -4.35	45.68 1.29 -2.71	48.17 1.28 -6.90	50.86 1.43 -9.52	57.76 1.65 -13.86	65.66 1.89 -19.73	81.92 2.29 -30.87	75.62 2.17 -28.21	69.07 2.12 -22.72	62.37 1.98 -16.39	59.67 1.84 -13.97	53.25 1.71 -7.73	53.77 1.75 -8.20
UPPER RAQUET___HYD 24056	42.77 -1.01 0.00	42.81 -0.92 0.00	42.46 -0.91 0.00	41.66 -0.94 0.00	41.18 -0.84 0.00	42.72 -1.23 0.00	53.88 -1.72 0.00	54.09 -1.33 0.00	49.95 -1.23 0.00	42.90 -1.15 0.00	42.85 -0.96 0.00	42.44 -0.78 0.00	40.72 -0.96 0.00	38.99 -1.00 0.00	38.91 -1.00 0.00	41.24 -1.01 0.00	42.76 -1.28 0.00	47.01 -1.75 0.00	43.61 -1.63 0.00	42.67 -1.55 0.00	42.72 -1.28 0.00	42.68 -1.18 0.00	42.68 -1.14 0.00	42.68 -1.14 0.00
VALLEY44_115KV_TB2 355964	41.55 -2.23 -0.01	41.46 -2.27 0.00	40.94 -2.43 0.00	40.09 -2.51 0.00	39.75 -2.27 0.00	42.02 -1.93 0.00	52.76 -2.84 0.00	52.19 -5.04 -1.82	47.71 -4.50 -1.04	40.79 -4.49 -1.25	39.96 -3.99 -0.13	39.59 -3.76 -0.13	37.71 -4.08 -0.12	35.76 -4.56 -0.33	35.84 -4.47 -0.41	38.81 -4.01 -0.58	41.27 -5.02 -2.25	48.17 -4.83 -4.23	44.49 -4.61 -3.87	42.78 -4.55 -3.12	39.65 -5.10 -0.76	39.88 -4.56 -0.58	39.15 -5.00 -0.33	40.08 -4.86 -1.12
VALLEY___115KV_TB 1-4 80826	44.39 0.61 0.00	44.26 0.52 0.00	43.94 0.56 0.00	43.15 0.55 0.00	42.61 0.59 0.00	44.74 0.79 0.00	56.71 1.11 0.00	56.53 1.11 0.00	52.15 0.97 0.00	44.83 0.79 0.00	44.43 0.61 0.00	43.83 0.61 0.00	42.17 0.50 0.00	40.51 0.52 0.00	40.42 0.52 0.00	42.84 0.59 0.00	44.75 0.70 0.00	49.64 0.88 0.00	46.01 0.77 0.00	44.97 0.75 0.00	44.61 0.62 0.00	44.52 0.66 0.00	44.43 0.61 0.00	44.43 0.61 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.87 3.06 -0.03	46.62 2.89 0.00	46.06 2.69 0.00	45.24 2.64 0.00	44.67 2.65 0.00	47.16 3.21 0.00	60.44 4.84 0.00	65.56 4.82 -5.31	60.79 4.30 -5.32	51.07 3.39 -3.64	48.07 3.20 -1.05	47.74 2.94 -1.58	45.28 2.63 -0.98	45.02 2.56 -2.48	45.82 2.51 -3.40	50.01 2.79 -4.97	54.02 3.13 -6.85	63.23 3.85 -10.61	58.56 3.62 -9.70	55.62 3.58 -7.82	53.11 3.26 -5.86	52.07 3.20 -5.00	49.57 2.98 -2.77	49.48 2.85 -2.82

VISCHER___FERRY HYD 24020	45.91 2.06 -0.08	45.70 1.97 0.00	45.33 1.95 0.00	44.52 1.92 0.00	43.91 1.89 0.00	46.15 2.20 0.00	58.43 2.83 0.00	73.38 2.72 -15.25	68.77 2.41 -15.19	56.51 2.03 -10.45	48.56 1.88 -2.86	49.35 1.86 -4.27	46.13 1.79 -2.66	48.48 1.72 -6.77	51.00 1.75 -9.35	57.76 1.90 -13.60	65.48 2.07 -19.37	81.35 2.29 -30.30	75.06 2.13 -27.69	68.60 2.08 -22.31	62.11 2.02 -16.09	59.59 2.02 -13.71	53.38 1.97 -7.59	53.92 2.06 -8.04
V_A_10_SYNC_DSASP 323832	39.71 -4.07 -0.01	39.67 -4.07 0.00	39.21 -4.16 0.00	38.43 -4.17 0.00	38.03 -3.99 0.00	40.22 -3.74 0.00	50.37 -5.23 0.00	51.80 -5.43 -1.81	46.89 -5.32 -1.04	41.01 -4.27 -1.24	38.86 -5.08 -0.12	37.83 -5.53 -0.14	37.04 -4.75 -0.12	36.15 -4.16 -0.32	36.12 -4.19 -0.41	37.85 -5.07 -0.67	41.70 -4.14 -1.80	47.84 -4.14 -3.22	44.34 -3.85 -2.95	42.88 -3.71 -2.37	40.59 -4.22 -0.82	39.70 -4.82 -0.66	39.42 -4.77 -0.37	40.51 -4.16 -0.86
V_CMM_10_SYNC_DSASP 323787	43.60 -0.17 0.00	43.64 -0.09 0.00	43.33 -0.04 0.00	42.51 -0.09 0.00	41.98 -0.04 0.00	43.51 -0.44 0.00	54.71 -0.89 0.00	54.65 -0.78 0.00	50.51 -0.67 0.00	43.51 -0.53 0.00	43.51 -0.30 0.00	43.09 -0.13 0.00	41.47 -0.21 0.00	39.71 -0.28 0.00	39.58 -0.32 0.00	41.96 -0.29 0.00	43.42 -0.62 0.00	47.83 -0.93 0.00	44.33 -0.90 0.00	43.38 -0.84 0.00	43.47 -0.53 0.00	43.47 -0.40 0.00	43.51 -0.30 0.00	43.51 -0.30 0.00
V_CMP_10_SYNC_DSASP 323788	44.34 0.57 0.00	44.52 0.79 0.00	44.06 0.69 0.00	43.19 0.60 0.00	42.65 0.63 0.00	44.17 0.22 0.00	55.54 -0.06 0.00	55.59 0.17 0.00	51.23 0.05 0.00	44.00 -0.04 0.00	43.77 -0.04 0.00	43.26 0.04 0.00	41.34 -0.33 0.00	39.43 -0.56 0.00	39.30 -0.60 0.00	41.70 -0.55 0.00	43.38 -0.66 0.00	47.73 -1.03 0.00	44.20 -1.04 0.00	43.20 -1.02 0.00	43.16 -0.84 0.00	43.12 -0.75 0.00	43.25 -0.57 0.00	44.04 0.22 0.00
V_D_10_SYNC_DSASP 323841	43.73 -0.04 0.00	43.77 0.04 0.00	43.46 0.09 0.00	42.64 0.04 0.00	42.15 0.13 0.00	43.65 -0.31 0.00	54.94 -0.66 0.00	54.92 -0.50 0.00	50.77 -0.41 0.00	43.69 -0.35 0.00	43.69 -0.13 0.00	43.26 0.04 0.00	41.59 -0.08 0.00	39.87 -0.12 0.00	39.74 -0.16 0.00	42.13 -0.13 0.00	43.60 -0.44 0.00	47.98 -0.78 0.00	44.51 -0.73 0.00	43.56 -0.66 0.00	43.64 -0.35 0.00	43.60 -0.26 0.00	43.69 -0.13 0.00	43.69 -0.13 0.00
V_E_10_SYNC_DSASP 323830	47.91 4.11 -0.02	47.80 4.07 0.00	47.02 3.64 0.00	46.18 3.58 0.00	45.63 3.61 0.00	48.48 4.53 0.00	62.32 6.72 0.00	65.85 6.65 -3.78	60.93 5.73 -4.02	51.08 4.45 -2.59	48.94 3.99 -1.13	48.38 3.37 -1.78	45.43 2.71 -1.05	45.29 2.68 -2.62	46.20 2.79 -3.51	50.88 3.47 -5.17	53.78 4.27 -5.47	61.95 5.61 -7.59	57.51 5.34 -6.93	54.89 5.08 -5.59	54.57 4.58 -6.00	53.53 4.48 -5.20	50.45 3.77 -2.86	49.43 3.59 -2.01
V_F_30_NSYNC___DSASP 323816	46.35 2.49 -0.08	46.13 2.40 0.00	45.76 2.38 0.00	44.94 2.34 0.00	44.25 2.23 0.00	46.63 2.68 0.00	59.16 3.56 0.00	74.35 3.44 -15.49	69.73 3.12 -15.43	57.21 2.55 -10.61	49.00 2.28 -2.91	49.68 2.12 -4.34	46.30 1.92 -2.70	48.75 1.88 -6.88	51.40 1.99 -9.50	58.27 2.20 -13.82	66.14 2.42 -19.68	82.33 2.78 -30.79	75.96 2.58 -28.14	69.45 2.56 -22.67	62.81 2.46 -16.35	60.16 2.37 -13.93	53.80 2.28 -7.71	54.36 2.36 -8.17
V_F_30_SYNC_DSASP 323786	45.96 2.10 -0.08	45.52 1.79 0.00	45.15 1.78 0.00	44.39 1.79 0.00	43.74 1.72 0.00	46.02 2.07 0.00	57.66 2.06 0.00	72.48 1.88 -15.17	68.03 1.74 -15.11	55.89 1.45 -10.39	48.07 1.40 -2.84	48.77 1.30 -4.25	45.61 1.29 -2.65	47.93 1.20 -6.74	50.40 1.20 -9.30	57.06 1.27 -13.54	64.76 1.45 -19.27	80.52 1.61 -30.15	74.29 1.49 -27.56	67.88 1.46 -22.20	61.37 1.36 -16.01	58.82 1.32 -13.64	52.72 1.36 -7.55	53.49 1.67 -8.01
V_XM_10_SYNC_DSASP 323789	44.34 0.57 0.00	44.52 0.79 0.00	44.06 0.69 0.00	43.19 0.60 0.00	42.65 0.63 0.00	44.17 0.22 0.00	55.54 -0.06 0.00	55.59 0.17 0.00	51.23 0.05 0.00	44.00 -0.04 0.00	43.77 -0.04 0.00	43.26 0.04 0.00	41.34 -0.33 0.00	39.43 -0.56 0.00	39.30 -0.60 0.00	41.70 -0.55 0.00	43.38 -0.66 0.00	47.73 -1.03 0.00	44.20 -1.04 0.00	43.20 -1.02 0.00	43.16 -0.84 0.00	43.12 -0.75 0.00	43.25 -0.57 0.00	44.04 0.22 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.86 3.02 -0.06	46.22 2.49 0.00	45.76 2.39 0.00	44.90 2.30 0.00	44.25 2.23 0.00	46.77 2.81 0.00	59.77 4.17 0.00	71.38 4.27 -11.69	67.26 4.04 -12.03	55.88 3.52 -8.32	49.48 3.46 -2.20	49.83 3.33 -3.28	47.06 3.25 -2.14	48.23 3.04 -5.20	50.11 3.03 -7.17	55.82 3.13 -10.44	62.16 3.26 -14.86	76.78 4.05 -23.97	70.16 3.66 -21.26	64.79 3.45 -17.12	59.60 3.26 -12.35	57.59 3.20 -10.52	52.84 3.20 -5.82	52.97 2.98 -6.17
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.12 3.28 -0.06	46.49 2.76 0.00	45.97 2.60 0.00	45.11 2.51 0.00	44.42 2.40 0.00	47.03 3.08 0.00	60.16 4.56 0.00	72.33 4.77 -12.14	74.69 4.55 -18.95	61.89 4.01 -13.84	50.17 3.94 -2.40	50.44 3.80 -3.41	49.29 3.75 -3.86	48.91 3.52 -5.40	50.79 3.43 -7.46	56.73 3.63 -10.84	63.17 3.70 -15.43	89.58 4.53 -36.29	71.51 4.21 -22.07	65.97 3.98 -17.78	60.52 3.70 -12.82	58.48 3.68 -10.93	53.59 3.72 -6.05	53.69 3.46 -6.41
W50THST__13_KV_LOAD 356117	47.30 3.46 -0.06	46.62 2.89 0.00	46.10 2.73 0.00	45.24 2.64 0.00	44.58 2.56 0.00	47.21 3.25 0.00	60.44 4.84 0.00	72.61 5.04 -12.14	75.05 4.91 -18.95	62.15 4.27 -13.84	50.38 4.16 -2.40	50.65 4.02 -3.41	49.54 4.00 -3.86	49.07 3.68 -5.40	50.99 3.63 -7.46	56.94 3.84 -10.84	63.44 3.96 -15.43	89.92 4.88 -36.29	71.78 4.48 -22.07	66.20 4.20 -17.78	60.69 3.87 -12.82	58.65 3.86 -10.93	53.73 3.86 -6.05	53.86 3.64 -6.41
WADING RIVER_IC_1 23522	58.44 4.47 -10.20	50.72 4.20 -2.79	47.95 4.21 -0.37	48.43 4.09 -1.74	51.28 4.03 -5.23	55.41 4.57 -6.89	80.61 6.28 -18.73	85.63 6.26 -23.95	114.11 5.88 -57.05	67.63 5.33 -18.26	65.14 5.26 -16.07	61.03 5.18 -12.62	49.75 5.08 -2.99	50.18 4.80 -5.39	53.77 4.75 -9.12	61.55 4.81 -14.49	86.80 4.62 -38.14	79.78 5.65 -25.37	72.72 5.34 -22.15	67.71 5.00 -18.50	69.86 4.88 -20.98	66.08 5.00 -17.22	63.13 5.17 -14.14	55.29 4.99 -6.48
WADING RIVER_IC_2 23547	58.44 4.47 -10.20	50.72 4.20 -2.79	47.95 4.21 -0.37	48.43 4.09 -1.74	51.28 4.03 -5.23	55.41 4.57 -6.89	80.61 6.28 -18.73	85.63 6.26 -23.95	114.11 5.88 -57.05	67.63 5.33 -18.26	65.14 5.26 -16.07	61.03 5.18 -12.62	49.75 5.08 -2.99	50.18 4.80 -5.39	53.77 4.75 -9.12	61.55 4.81 -14.49	86.80 4.62 -38.14	79.78 5.65 -25.37	72.72 5.34 -22.15	67.71 5.00 -18.50	69.86 4.88 -20.98	66.08 5.00 -17.22	63.13 5.17 -14.14	55.29 4.99 -6.48
WADING RIVER_IC_3 23601	58.44 4.47 -10.20	50.72 4.20 -2.79	47.95 4.21 -0.37	48.43 4.09 -1.74	51.28 4.03 -5.23	55.41 4.57 -6.89	80.61 6.28 -18.73	85.63 6.26 -23.95	114.11 5.88 -57.05	67.63 5.33 -18.26	65.14 5.26 -16.07	61.03 5.18 -12.62	49.75 5.08 -2.99	50.18 4.80 -5.39	53.77 4.75 -9.12	61.55 4.81 -14.49	86.80 4.62 -38.14	79.78 5.65 -25.37	72.72 5.34 -22.15	67.71 5.00 -18.50	69.86 4.88 -20.98	66.08 5.00 -17.22	63.13 5.17 -14.14	55.29 4.99 -6.48

WALDENNY_12_KV_BK2 80841	40.50 -3.28 -0.01	40.49 -3.24 0.00	39.95 -3.43 0.00	39.11 -3.49 0.00	38.78 -3.24 0.00	41.05 -2.90 0.00	51.32 -4.28 0.00	51.76 -5.27 -1.60	46.81 -5.02 -0.64	40.78 -4.36 -1.10	39.15 -4.78 -0.11	38.31 -5.01 -0.11	37.19 -4.58 -0.10	35.87 -4.40 -0.28	35.82 -4.39 -0.31	38.09 -4.77 -0.61	41.62 -4.49 -2.07	48.17 -4.44 -3.85	44.60 -4.16 -3.52	42.90 -4.16 -2.84	40.12 -4.66 -0.79	39.66 -4.82 -0.62	39.31 -4.86 -0.35	40.37 -4.47 -1.02
WALDEN___HYDRO 24148	46.55 2.71 -0.06	46.05 2.32 0.00	45.54 2.17 0.00	44.77 2.17 0.00	44.08 2.06 0.00	46.55 2.59 0.00	59.49 3.89 0.00	71.11 3.82 -11.86	66.58 3.58 -11.82	55.25 3.08 -8.13	49.02 2.98 -2.23	49.40 2.85 -3.33	46.50 2.75 -2.07	47.82 2.56 -5.27	49.77 2.59 -7.28	55.55 2.70 -10.59	61.98 2.86 -15.08	75.91 3.56 -23.59	70.15 3.35 -21.56	64.73 3.14 -17.37	59.47 2.95 -12.53	57.47 2.94 -10.67	52.62 2.89 -5.91	52.80 2.72 -6.26
WARRENSBURG___ 23737	45.91 2.06 -0.08	45.61 1.88 0.00	45.24 1.86 0.00	44.43 1.83 0.00	43.74 1.72 0.00	46.24 2.28 0.00	58.71 3.11 0.00	74.00 3.05 -15.53	69.46 2.81 -15.47	56.93 2.24 -10.64	48.49 1.75 -2.91	49.13 1.55 -4.35	45.68 1.29 -2.71	48.17 1.28 -6.90	50.86 1.43 -9.52	57.76 1.65 -13.86	65.66 1.89 -19.73	81.92 2.29 -30.87	75.62 2.17 -28.21	69.07 2.12 -22.72	62.37 1.98 -16.39	59.67 1.84 -13.97	53.25 1.71 -7.73	53.77 1.75 -8.20
WATERSIDE___6 8 9 23538	47.39 3.55 -0.07	46.76 3.02 -0.01	46.24 2.86 -0.01	45.37 2.77 -0.01	44.67 2.65 0.00	47.29 3.34 0.00	60.50 4.89 -0.01	72.62 5.04 -12.15	78.87 4.71 -22.98	65.26 4.14 -17.08	50.35 4.12 -2.41	50.62 3.98 -3.42	49.42 3.88 -3.87	49.08 3.68 -5.41	51.00 3.63 -7.46	56.91 3.80 -10.85	63.40 3.92 -15.44	91.95 4.73 -38.46	71.75 4.43 -22.08	66.21 4.20 -17.79	55.89 3.96 -7.94	56.97 3.95 -9.16	49.91 3.94 -2.14	53.96 3.72 -6.41
WATKINRD_115KV_LN8_ILLION 55919	44.43 0.66 0.00	44.30 0.57 0.00	43.94 0.56 0.00	43.15 0.55 0.00	42.57 0.55 0.00	44.70 0.75 0.00	56.66 1.06 0.00	56.48 1.05 0.00	52.10 0.92 0.00	44.79 0.75 0.00	44.39 0.57 0.00	43.83 0.61 0.00	42.22 0.54 0.00	40.51 0.52 0.00	40.42 0.52 0.00	42.84 0.59 0.00	44.75 0.70 0.00	49.64 0.88 0.00	46.05 0.81 0.00	45.02 0.80 0.00	44.66 0.66 0.00	44.52 0.66 0.00	44.43 0.61 0.00	44.43 0.61 0.00
WATSON___69_KV_BK 1 55734	58.92 4.99 -10.16	50.93 4.42 -2.78	47.99 4.25 -0.37	48.46 4.13 -1.73	51.27 4.03 -5.22	55.63 4.79 -6.88	75.95 6.73 -13.62	80.27 6.71 -18.15	93.26 6.30 -35.79	64.70 5.55 -15.11	61.70 5.52 -12.36	58.67 5.27 -10.18	49.83 5.17 -2.99	50.26 4.88 -5.39	53.93 4.95 -9.08	60.01 5.03 -12.73	75.90 4.98 -26.88	80.24 6.10 -25.39	73.08 5.75 -22.10	67.70 5.35 -18.13	66.15 5.19 -16.96	63.27 5.22 -14.19	60.60 5.35 -11.44	55.30 5.04 -6.44
WDELAWARE___HYD 323627	46.24 2.41 -0.06	46.00 2.27 0.00	45.54 2.17 0.00	44.69 2.09 0.00	44.04 2.02 0.00	46.59 2.64 0.00	59.71 4.11 0.00	70.42 3.99 -11.00	65.93 3.79 -10.97	54.75 3.17 -7.54	48.77 2.89 -2.07	49.03 2.72 -3.08	46.14 2.54 -1.92	46.24 1.36 -4.89	48.09 1.43 -6.75	53.56 1.48 -9.82	59.74 1.72 -13.99	72.93 2.29 -21.88	67.41 2.17 -20.00	62.32 1.99 -16.11	57.38 1.76 -11.62	56.66 2.89 -9.90	52.19 2.89 -5.48	52.30 2.67 -5.81
WEST BABYLON___IC 23714	58.59 4.68 -10.13	50.63 4.11 -2.78	47.68 3.95 -0.37	48.16 3.83 -1.73	51.02 3.78 -5.22	55.32 4.48 -6.88	71.60 6.34 -9.67	75.46 6.37 -13.66	76.43 5.99 -19.26	61.98 5.28 -12.66	58.53 5.21 -9.49	56.52 5.01 -8.28	49.58 4.92 -2.99	49.98 4.60 -5.39	53.58 4.63 -9.05	58.39 4.77 -11.36	67.01 4.76 -18.21	79.92 5.80 -25.36	72.82 5.52 -22.06	67.20 5.13 -17.85	62.82 4.97 -13.85	60.65 4.96 -11.84	58.21 5.04 -9.35	54.96 4.73 -6.41
WEST CANADA___HYD 24049	44.12 0.35 0.00	44.04 0.31 0.00	43.68 0.31 0.00	42.90 0.30 0.00	42.32 0.30 0.00	44.35 0.39 0.00	56.21 0.61 0.00	56.09 0.67 0.00	51.74 0.56 0.00	44.48 0.44 0.00	44.21 0.39 0.00	43.57 0.34 0.00	42.01 0.33 0.00	40.31 0.32 0.00	40.22 0.32 0.00	42.59 0.34 0.00	44.48 0.44 0.00	49.30 0.54 0.00	45.74 0.50 0.00	44.71 0.49 0.00	44.39 0.40 0.00	44.26 0.39 0.00	44.17 0.35 0.00	44.17 0.35 0.00
WESTERN_NY_WIND 24143	40.89 -2.89 -0.01	40.84 -2.89 0.00	40.29 -3.08 0.00	39.45 -3.15 0.00	39.08 -2.94 0.00	41.45 -2.51 0.00	52.10 -3.50 0.00	53.20 -3.71 -1.49	48.50 -3.63 -0.96	41.80 -3.26 -1.02	39.86 -4.08 -0.12	38.77 -4.58 -0.13	37.83 -3.96 -0.11	36.73 -3.56 -0.30	36.77 -3.51 -0.38	38.76 -4.14 -0.64	42.63 -3.26 -1.85	49.10 -3.02 -3.37	45.51 -2.80 -3.08	43.82 -2.87 -2.48	41.38 -3.43 -0.81	40.61 -3.90 -0.65	40.24 -3.94 -0.37	41.16 -3.55 -0.89
WESTOVER___LESR 323668	43.75 -0.04 -0.02	43.60 -0.13 0.00	43.16 -0.22 0.00	42.34 -0.26 0.00	41.81 -0.21 0.00	44.04 0.09 0.00	55.88 0.28 0.00	59.24 -0.06 -3.88	54.94 -0.15 -3.92	46.39 -0.31 -2.66	44.12 -0.44 -0.74	43.72 -0.61 -1.10	41.78 -0.58 -0.69	41.14 -0.60 -1.75	41.76 -0.56 -2.42	45.39 -0.38 -3.52	48.79 -0.26 -5.01	56.65 0.05 -7.84	52.45 0.05 -7.16	49.99 0.00 -5.77	47.85 -0.31 -4.16	47.10 -0.31 -3.55	45.34 -0.44 -1.96	45.50 -0.39 -2.08
WETHRSFD_WT_PWR 323626	40.81 -2.98 -0.01	41.11 -2.62 0.00	40.60 -2.78 0.00	39.79 -2.81 0.00	39.37 -2.65 0.00	41.62 -2.33 0.00	52.32 -3.28 0.00	53.26 -4.16 -1.99	45.86 -3.94 1.38	41.84 -3.57 -1.37	39.91 -3.94 -0.03	38.95 -4.23 0.04	37.75 -3.96 -0.03	36.27 -3.84 -0.12	35.92 -3.75 0.23	38.72 -3.93 -0.40	42.73 -3.61 -2.30	49.76 -3.46 -4.46	46.06 -3.26 -4.08	44.32 -3.18 -3.29	40.85 -3.70 -0.55	40.39 -3.86 -0.39	40.10 -3.94 -0.23	41.46 -3.55 -1.19
WHAVSTOR_138KV_BK127 55557	46.59 2.76 -0.06	46.00 2.27 0.00	45.54 2.17 0.00	44.69 2.09 0.00	44.04 2.02 0.00	46.50 2.55 0.00	59.44 3.84 0.00	71.13 3.99 -11.71	66.98 3.74 -12.06	55.68 3.30 -8.34	49.27 3.24 -2.21	49.62 3.11 -3.28	46.90 3.08 -2.14	48.07 2.88 -5.21	49.92 2.83 -7.19	55.67 2.96 -10.46	61.97 3.04 -14.89	76.59 3.80 -24.03	70.02 3.48 -21.29	64.64 3.27 -17.15	59.45 3.08 -12.37	57.47 3.07 -10.54	52.72 3.07 -5.83	52.85 2.85 -6.19
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.59 2.76 -0.06	46.00 2.27 0.00	45.54 2.17 0.00	44.69 2.09 0.00	44.04 2.02 0.00	46.50 2.55 0.00	59.44 3.84 0.00	71.13 3.99 -11.71	66.98 3.74 -12.06	55.68 3.30 -8.34	49.27 3.24 -2.21	49.62 3.11 -3.28	46.90 3.08 -2.14	48.07 2.88 -5.21	49.92 2.83 -7.19	55.67 2.96 -10.46	61.97 3.04 -14.89	76.59 3.80 -24.03	70.02 3.48 -21.29	64.64 3.27 -17.15	59.45 3.08 -12.37	57.47 3.07 -10.54	52.72 3.07 -5.83	52.85 2.85 -6.19
WHITEHAL_115KV_TB1 80871	47.23 3.37 -0.08	46.70 2.97 0.00	46.37 2.99 0.00	45.50 2.90 0.00	44.75 2.73 0.00	47.51 3.56 0.00	60.38 4.78 0.00	75.59 4.66 -15.51	70.98 4.35 -15.45	58.11 3.44 -10.63	49.53 2.80 -2.91	50.07 2.51 -4.35	46.47 2.08 -2.71	48.92 2.04 -6.89	51.69 2.27 -9.51	58.67 2.58 -13.84	66.70 2.95 -19.71	83.06 3.46 -30.83	76.72 3.30 -28.18	70.15 3.23 -22.70	63.40 3.04 -16.37	60.62 2.81 -13.95	54.21 2.67 -7.72	54.77 2.76 -8.19

WHITEPLN_13_KV_LOAD 356215	47.21 3.37 -0.06	46.62 2.89 0.00	46.15 2.78 0.00	45.28 2.68 0.00	44.58 2.56 0.00	47.16 3.21 0.00	60.44 4.84 0.00	72.56 5.04 -12.10	68.63 4.81 -12.64	56.98 4.18 -8.76	50.26 4.16 -2.28	50.63 4.02 -3.39	47.85 3.92 -2.26	49.05 3.68 -5.38	50.96 3.63 -7.42	56.86 3.80 -10.80	63.30 3.88 -15.38	78.65 4.73 -25.16	71.66 4.43 -21.99	66.09 4.16 -17.71	60.69 3.92 -12.78	58.57 3.82 -10.89	53.70 3.86 -6.02	53.80 3.59 -6.39
WM_FLOYD_69_KV_BK2 356380	58.78 4.82 -10.19	50.76 4.24 -2.78	47.90 4.16 -0.37	48.37 4.05 -1.73	51.19 3.95 -5.22	55.45 4.62 -6.88	80.94 6.39 -18.94	85.98 6.37 -24.18	115.15 5.99 -57.98	67.83 5.37 -18.41	65.29 5.26 -16.22	61.08 5.14 -12.72	49.67 5.00 -2.99	50.10 4.72 -5.39	53.76 4.75 -9.11	61.63 4.82 -14.56	87.29 4.67 -38.58	79.89 5.70 -25.42	72.77 5.38 -22.15	67.77 5.04 -18.51	70.07 4.93 -21.14	66.21 5.00 -17.35	63.24 5.17 -14.25	55.25 4.95 -6.48
WOODARD__115KV_TB2 355635	42.82 -0.96 -0.01	42.68 -1.05 0.00	42.29 -1.08 0.00	41.53 -1.06 0.00	40.97 -1.05 0.00	43.07 -0.88 0.00	54.65 -0.95 0.00	55.57 -0.94 -1.09	51.35 -0.92 -1.09	43.91 -0.88 -0.75	42.93 -1.10 -0.20	42.32 -1.21 -0.31	40.74 -1.13 -0.19	39.43 -1.04 -0.49	39.57 -1.00 -0.67	42.17 -1.06 -0.97	44.59 -0.84 -1.39	50.20 -0.73 -2.17	46.54 -0.68 -1.98	45.11 -0.71 -1.60	44.27 -0.88 -1.15	43.84 -1.01 -0.98	43.27 -1.10 -0.54	43.34 -1.05 -0.58
YORK___WARBASSE 23770	47.61 3.76 -0.07	46.93 3.19 -0.01	46.42 3.04 -0.01	45.55 2.94 -0.01	44.84 2.82 0.00	47.43 3.47 0.00	60.72 5.12 -0.01	72.78 5.21 -12.15	79.07 4.91 -22.98	65.39 4.27 -17.08	113.67 4.29 -65.56	50.83 4.19 -3.42	57.70 4.04 -11.98	81.98 3.84 -38.15	110.93 3.79 -67.24	78.12 3.97 -31.90	141.82 4.10 -93.68	131.42 4.92 -77.74	154.48 4.61 -104.63	127.00 4.42 -78.36	106.97 4.22 -58.75	75.84 4.17 -27.81	81.45 4.16 -33.47	54.22 3.99 -6.42