

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion											
Generator Data		11/30/2024																											
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
59TH STREET_GT_1 24138	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST				
	43.42	42.44	41.06	40.97	41.60	42.18	45.95	49.53	49.53	47.52	41.41	42.82	42.12	43.23	43.51	46.25	56.80	61.64	70.04	64.20	63.37	57.57	51.88	48.23	45.29				
	2.63	2.24	1.91	1.98	2.15	2.32	2.61	2.68	2.95	2.78	2.85	2.61	2.59	2.64	2.52	2.55	2.79	2.80	2.60	2.56	2.37	2.30	2.25	2.66					
		-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.53	-9.04	-6.28	-2.58	-3.90	-6.09	-7.46	-7.43	-10.10	-19.75	-20.56	-27.79	-25.00	-25.24	-20.90	-17.12	-14.26	-5.16				
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				
	43.50	42.51	41.13	41.04	41.67	42.22	46.03	49.61	49.61	47.55	41.48	42.89	42.18	43.29	43.58	46.28	56.83	61.68	70.09	64.24	63.41	57.61	51.91	48.27	45.37				
	2.71	2.31	1.98	2.04	2.22	2.35	2.69	2.76	2.99	2.85	2.92	2.67	2.65	2.71	2.56	2.59	2.83	2.84	2.63	2.60	2.40	2.34	2.28	2.74					
		-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.53	-9.04	-6.28	-2.58	-3.90	-6.08	-7.46	-7.43	-10.10	-19.76	-20.56	-27.79	-25.01	-25.24	-20.90	-17.12	-14.26	-5.17				
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				
	43.50	42.51	41.13	41.04	41.67	42.22	46.03	49.61	49.61	47.55	41.48	42.89	42.18	43.29	43.58	46.28	56.83	61.68	70.09	64.24	63.41	57.61	51.91	48.27	45.37				
	2.71	2.31	1.98	2.04	2.22	2.35	2.69	2.76	2.99	2.85	2.92	2.67	2.65	2.71	2.56	2.59	2.83	2.84	2.63	2.60	2.40	2.34	2.28	2.74					
		-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.53	-9.04	-6.28	-2.58	-3.90	-6.08	-7.46	-7.43	-10.10	-19.76	-20.56	-27.79	-25.01	-25.24	-20.90	-17.12	-14.26	-5.17				
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				
	43.43	43.22	42.77	42.39	42.45	42.51	46.63	51.48	48.62	41.66	42.38	38.80	41.56	44.13	48.37	61.11	66.24	76.50	69.94	69.12	62.42	55.68	51.36	46.29					
	2.55	2.50	1.88	2.18	2.33	2.51	2.73	2.61	2.64	2.45	2.42	2.14	2.22	2.24	2.39	2.45	2.79	3.04	2.74	2.67	2.54	2.27	2.19	2.51					
		-0.45	-2.81	-9.52	-6.73	-3.67	-0.75	-3.09	-11.06	-7.69	-3.16	-3.89	-3.24	-6.16	-8.45	-12.36	-24.17	-25.15	-34.00	-30.60	-30.88	-25.58	-20.95	-17.45	-6.32				
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				
	43.63	43.45	42.93	42.57	42.63	42.70	46.88	51.72	48.85	41.84	42.60	38.96	41.73	44.30	48.58	61.33	66.48	76.79	70.21	69.39	62.68	55.88	51.56	46.49					
	2.75	2.73	2.04	2.34	2.51	2.71	2.98	2.84	2.87	2.63	2.63	2.30	2.39	2.41	2.59	2.66	3.02	3.31	3.00	2.92	2.78	2.47	2.38	2.70					
		-0.45	-2.81	-9.53	-6.73	-3.67	-0.75	-3.09	-11.07	-7.69	-3.16	-3.89	-3.24	-6.16	-8.45	-12.37	-24.19	-25.17	-34.02	-30.62	-30.90	-25.59	-20.96	-17.46	-6.32				
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				
	43.43	43.22	42.77	42.39	42.45	42.51	46.63	51.48	48.62	41.66	42.38	38.80	41.56	44.13	48.37	61.11	66.24	76.50	69.94	69.12	62.42	55.68	51.36	46.29					
	2.55	2.50	1.88	2.18	2.33	2.51	2.73	2.61	2.64	2.45	2.42	2.14	2.22	2.24	2.39	2.45	2.79	3.04	2.74	2.67	2.54	2.27	2.19	2.51					
		-0.45	-2.81	-9.52	-6.73	-3.67	-0.75	-3.09	-11.06	-7.69	-3.16	-3.89	-3.24	-6.16	-8.45	-12.36	-24.17	-25.15	-34.00	-30.60	-30.88	-25.58	-20.95	-17.45	-6.32				
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				
	43.29	42.86	42.43	41.94	42.11	42.21	46.17	50.83	48.10	41.34	42.11	38.95	41.38	43.64	47.64	59.99	65.05	74.90	68.52	67.71	61.19	54.75	50.61	45.83					
	2.43	2.24	1.85	1.94	2.11	2.24	2.37	2.31	2.37	2.24	2.20	2.04	1.99	1.97	2.05	2.10	2.41	2.53	2.31	2.24	2.13	2.01	2.00	2.25					
		-0.44	-2.72	-9.22	-6.51	-3.55	-0.73	-2.99	-10.71	-7.44	-3.06	-3.84	-3.49	-6.21	-8.23	-11.96	-23.40	-24.35	-32.92	-29.62	-29.90	-24.76	-20.28	-16.89	-6.11				
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				
	41.39	41.39	41.21	40.73	40.78	40.80	44.30	49.01	46.25	39.73	40.54	37.44	39.91	42.20	46.13	58.45	63.25	73.03	66.82	66.02	59.62	53.22	49.11	44.09					
	0.53	0.76	0.60	0.70	0.77	0.82	0.49	0.45	0.50	0.61	0.65	0.70	0.63	0.53	0.50	0.48	0.54	0.55	0.51	0.46	0.48	0.42	0.44	0.49					
		-0.44	-2.72	-9.25	-6.53	-3.56	-0.73	-3.00	-10.74	-7.47	-3.07	-3.81	-3.32	-6.10	-8.23	-12.00	-23.47	-24.43	-33.02	-29.71	-29.99	-24.84	-20.34	-16.95	-6.13				
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				
	37.27	35.44	29.01	30.98	33.97	36.70	38.60	36.34	37.25	35.18	34.95	32.02	31.62	31.66	31.61	32.21	36.64	37.52	34.54	33.04	31.94	29.73	29.37	34.96					
	-3.15	-2.46	-2.35	-2.51	-2.48	-2.55	-2.20	-1.47	-1.03	-0.87	-1.12	-1.40	-1.56	-1.77	-2.02	-2.28	-1.65	-1.93	-2.05	-2.53	-2.37	-2.73	-2.35	-2.51					
		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				
	42.03	41.91	41.45	41.08	41.22	41.30	44.98	49.42	46.61	39.93	40.71	37.65	40.10	42.38	46.33	58.56	63.44	73.20	66.96	66.18	59.81	53.45	49.36	44.62					
	1.17	1.33	1.00	1.17	1.28	1.34	1.22	1.06	0.99	0.86	0.86	0.84	0.83	0.84	0.91	1.00	1.15	1.30	1.17	1.14	1.10	1.01	0.98	1.12					
		-0.43	-2.68	-9.09	-6.42	-3.50	-0.72	-2.95	-10.55	-7.34	-3.02	-3.77	-3.39	-6.09	-8.11	-11.79	-23.06	-24.00	-32.44	-29.20	-29.47	-24.41	-19.99	-16.65	-6.03				
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				
	42.03	41.87	41.45	41.05	41.19	41.30	44.98	49.42	46.62	39.93	40.71	37.61	40.06	42.38	46.33	58.56	63.44	73.17	66.96	66.18	59.81	53.45	49.36	44.62					
	1.17	1.29	1.00	1.14	1.24	1.34	1.22	1.06	0.99	0.86	0.86	0.80	0.80	0.84	0.91	1.00	1.15	1.26	1.17	1.14	1.10	1.01	0.98	1.12					
		-0.43	-2.68	-9.09	-6.42	-3.50	-0.72	-2.95	-10.56	-7.34	-3.02	-3.77	-3.39	-6.09	-8.11	-11.79	-23.07	-24.00	-32.45	-29.20	-29.47	-24.41	-19.99	-16.65	-6.03				
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				
	41.39	41.39	41.21	40.73	40.78	40.80	44.30	49.01	46.25	39.73	40.54	37.44	39.91	42.20	46.13	58.45	63.25	73.03	66.82	66.02	59.62	53.22	49.11	44.09					
	0.53	0.76	0.60	0.70	0.77	0.82	0.49	0.45	0.50	0.61	0.65	0.70	0.63	0.53	0.50	0.48	0.54	0.55	0.51	0.46	0.48	0.42	0.44	0.49					
		-0.44	-2.72	-9.25	-6.53	-3.56	-0.73	-3.00	-10.74	-7.47	-3.07	-3.81	-3.32	-6.10	-8.23	-12.00	-23.47	-24.43	-33.02	-29.71	-29.99	-24.84	-20.34	-16.95	-6.13				

ALBANY___2 23572	41.39 0.53 -0.44	41.39 0.76 -2.72	41.21 0.60 -9.25	40.73 0.70 -6.53	40.78 0.77 -3.56	40.80 0.82 -0.73	44.30 0.49 -3.00	49.01 0.45 -10.74	46.25 0.50 -7.47	39.73 0.61 -3.07	40.54 0.65 -3.81	37.44 0.70 -3.32	39.91 0.63 -6.10	42.20 0.53 -8.23	46.13 0.50 -12.00	58.45 0.48 -23.47	63.25 0.54 -24.43	73.03 0.55 -33.02	66.82 0.51 -29.71	66.02 0.46 -29.99	59.62 0.48 -24.84	53.22 0.42 -20.34	49.11 0.44 -16.95	44.09 0.49 -6.13
ALBANY___3 23573	41.39 0.53 -0.44	41.39 0.76 -2.72	41.21 0.60 -9.25	40.73 0.70 -6.53	40.78 0.77 -3.56	40.80 0.82 -0.73	44.30 0.49 -3.00	49.01 0.45 -10.74	46.25 0.50 -7.47	39.73 0.61 -3.07	40.54 0.65 -3.81	37.44 0.70 -3.32	39.91 0.63 -6.10	42.20 0.53 -8.23	46.13 0.50 -12.00	58.45 0.48 -23.47	63.25 0.54 -24.43	73.03 0.55 -33.02	66.82 0.51 -29.71	66.02 0.46 -29.99	59.62 0.48 -24.84	53.22 0.42 -20.34	49.11 0.44 -16.95	44.09 0.49 -6.13
ALBANY___4 23574	41.39 0.53 -0.44	41.39 0.76 -2.72	41.21 0.60 -9.25	40.73 0.70 -6.53	40.78 0.77 -3.56	40.80 0.82 -0.73	44.30 0.49 -3.00	49.01 0.45 -10.74	46.25 0.50 -7.47	39.73 0.61 -3.07	40.54 0.65 -3.81	37.44 0.70 -3.32	39.91 0.63 -6.10	42.20 0.53 -8.23	46.13 0.50 -12.00	58.45 0.48 -23.47	63.25 0.54 -24.43	73.03 0.55 -33.02	66.82 0.51 -29.71	66.02 0.46 -29.99	59.62 0.48 -24.84	53.22 0.42 -20.34	49.11 0.44 -16.95	44.09 0.49 -6.13
ALBANY___LFGE 323615	41.76 0.89 -0.44	41.72 1.06 -2.75	41.53 0.85 -9.33	41.05 0.97 -6.59	41.06 1.02 -3.59	41.08 1.10 -0.73	44.69 0.86 -3.03	49.44 0.80 -10.83	46.66 0.84 -7.53	40.08 0.94 -3.09	40.88 0.97 -3.84	37.70 0.97 -3.31	40.23 0.93 -6.12	42.63 0.90 -8.29	46.60 0.87 -12.10	59.02 0.86 -23.67	63.88 0.96 -24.63	73.74 0.99 -33.30	67.43 0.88 -29.96	66.66 0.85 -30.24	60.17 0.82 -25.05	53.72 0.75 -20.51	49.57 0.76 -17.09	44.48 0.82 -6.19
ALCOA_PA_115KV_PL-6C 55860	37.48 -2.95 -0.01	35.63 -2.31 -0.04	29.25 -2.23 -0.12	31.20 -2.38 -0.08	34.16 -2.33 -0.05	36.86 -2.39 -0.01	38.84 -2.00 -0.04	36.66 -1.29 -0.14	37.54 -0.84 -0.10	35.40 -0.68 -0.04	35.14 -0.97 -0.05	32.17 -1.27 -0.02	31.82 -1.43 -0.06	31.90 -1.64 -0.10	31.90 -1.88 -0.16	32.66 -2.14 -0.30	37.15 -1.45 -0.32	38.15 -1.74 -0.43	35.15 -1.83 -0.38	33.64 -2.31 -0.39	32.46 -2.16 -0.32	30.16 -2.56 -0.26	29.75 -2.19 -0.22	35.22 -2.32 -0.08
ALCOA_RYNLDS___DRP 24188	37.48 -2.95 -0.01	35.63 -2.31 -0.04	29.25 -2.23 -0.12	31.20 -2.38 -0.08	34.16 -2.33 -0.05	36.86 -2.39 -0.01	38.84 -2.00 -0.04	36.66 -1.29 -0.14	37.54 -0.84 -0.10	35.40 -0.68 -0.04	35.14 -0.97 -0.05	32.17 -1.27 -0.02	31.82 -1.43 -0.06	31.90 -1.64 -0.10	31.90 -1.88 -0.16	32.66 -2.14 -0.30	37.15 -1.45 -0.32	38.15 -1.74 -0.43	35.15 -1.83 -0.38	33.64 -2.31 -0.39	32.46 -2.16 -0.32	30.16 -2.56 -0.26	29.75 -2.19 -0.22	35.22 -2.32 -0.08
ALCOA___DSASP 323711	37.48 -2.95 -0.01	35.63 -2.31 -0.04	29.25 -2.23 -0.12	31.20 -2.38 -0.08	34.16 -2.33 -0.05	36.86 -2.40 -0.01	38.85 -2.00 -0.04	36.66 -1.29 -0.14	37.54 -0.84 -0.10	35.40 -0.69 -0.04	35.15 -0.97 -0.05	32.17 -1.27 -0.02	31.82 -1.43 -0.06	31.90 -1.64 -0.10	31.90 -1.88 -0.16	32.69 -2.11 -0.30	37.15 -1.45 -0.32	38.15 -1.74 -0.43	35.15 -1.83 -0.38	33.64 -2.31 -0.39	32.43 -2.20 -0.32	30.16 -2.56 -0.26	29.75 -2.19 -0.22	35.22 -2.32 -0.08
ALLEGHENY___COGEN 23514	39.80 -0.69 -0.06	37.74 -0.53 -0.36	32.07 -0.53 -1.24	33.86 -0.50 -0.87	36.49 -0.44 -0.48	38.83 -0.51 -0.10	40.54 -0.65 -0.38	38.73 -0.45 -1.37	38.47 -0.77 -0.95	34.96 -1.48 -0.39	34.72 -1.80 -0.45	31.91 -1.74 -0.23	32.09 -1.73 -0.64	32.75 -1.70 -1.02	33.61 -1.55 -1.53	36.10 -1.38 -2.99	40.37 -1.03 -3.11	43.27 -0.39 -4.21	40.05 -0.33 -3.78	39.25 -0.14 -3.82	37.19 -0.28 -3.16	34.63 -0.42 -2.59	33.53 -0.35 -2.16	38.14 -0.15 -0.82
ALTAMONT_115KV_TB 2 55880	41.84 0.97 -0.44	41.58 0.95 -2.72	41.39 0.78 -9.24	40.89 0.87 -6.53	40.96 0.95 -3.56	40.96 0.98 -0.73	44.79 0.98 -3.00	49.49 0.95 -10.73	46.74 1.00 -7.46	40.05 0.94 -3.07	40.81 0.94 -3.80	37.55 0.87 -3.26	40.10 0.86 -6.06	42.52 0.87 -8.22	46.50 0.87 -11.99	58.85 0.90 -23.46	63.70 1.00 -24.41	73.48 1.03 -33.00	67.24 0.95 -29.70	66.47 0.92 -29.97	60.02 0.89 -24.82	53.63 0.84 -20.33	49.48 0.82 -16.94	44.53 0.94 -6.13
ALTONA_WT_PWR 323606	36.99 -3.44 0.00	35.22 -2.69 0.00	28.79 -2.57 0.00	30.78 -2.71 0.00	33.82 -2.62 0.00	36.62 -2.63 0.00	38.64 -2.16 0.00	36.45 -1.36 0.00	37.44 -0.84 0.00	35.25 -0.79 0.00	34.95 -1.12 0.00	31.98 -1.44 0.00	31.59 -1.59 0.00	31.63 -1.81 0.00	31.61 -2.02 0.00	32.35 -2.14 0.00	36.87 -1.42 0.00	37.72 -1.74 0.00	34.62 -1.98 0.00	32.97 -2.60 0.00	31.80 -2.50 0.00	29.54 -2.92 0.00	29.18 -2.54 0.00	34.73 -2.73 0.00
AMERICAN_REF_FUEL 24010	37.04 -3.44 -0.05	34.96 -3.26 -0.32	29.74 -2.70 -1.08	31.37 -2.88 -0.76	33.88 -2.99 -0.41	35.84 -3.49 -0.08	37.01 -4.08 -0.28	34.43 -4.39 -1.00	34.58 -4.40 -0.70	31.90 -4.44 -0.29	31.89 -4.51 -0.33	29.75 -3.84 -0.17	29.70 -3.95 -0.47	30.07 -4.11 -0.75	30.61 -4.14 -1.12	32.39 -4.28 -2.18	35.92 -4.63 -2.27	37.86 -4.66 -3.06	34.89 -4.47 -2.76	34.15 -4.20 -2.78	32.49 -4.12 -2.31	30.55 -3.80 -1.89	29.81 -3.49 -1.58	34.92 -3.26 -0.71
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.21 -3.27 -0.06	35.15 -3.11 -0.35	29.98 -2.57 -1.19	31.59 -2.75 -0.84	33.96 -2.95 -0.46	35.85 -3.49 -0.09	37.25 -3.88 -0.33	35.14 -3.82 -1.15	35.22 -3.87 -0.80	32.34 -4.04 -0.33	32.30 -4.15 -0.38	29.84 -3.78 -0.20	29.87 -3.85 -0.54	30.38 -3.91 -0.86	30.98 -3.93 -1.28	32.96 -4.04 -2.50	36.64 -4.25 -2.61	38.83 -4.14 -3.52	35.74 -4.03 -3.17	34.89 -3.88 -3.20	33.18 -3.77 -2.65	31.06 -3.57 -2.17	30.20 -3.33 -1.81	34.96 -3.30 -0.79
ARTHUR KILL_GT_1 23520	43.26 2.47 -0.37	42.25 2.05 -2.29	40.87 1.72 -7.79	40.73 1.74 -5.50	41.34 1.89 -3.00	41.75 1.88 -0.61	45.49 2.16 -2.53	49.08 2.23 -9.04	46.94 2.37 -6.28	40.90 2.27 -2.58	42.31 2.34 -3.90	41.64 2.14 -6.08	42.76 2.13 -7.46	43.08 2.21 -7.43	45.75 2.02 -10.10	56.32 2.07 -19.76	61.07 2.22 -20.56	69.53 2.29 -27.79	63.76 2.16 -25.01	62.98 2.17 -25.24	57.09 1.89 -20.90	51.52 1.95 -17.12	47.92 1.94 -14.26	45.07 2.43 -5.17
ARTHUR_KILL_2 23512	43.18 2.38 -0.37	42.13 1.93 -2.29	40.81 1.66 -7.79	40.67 1.67 -5.50	41.27 1.82 -3.00	41.63 1.77 -0.61	45.37 2.04 -2.53	48.97 2.12 -9.04	46.87 2.30 -6.28	40.79 2.16 -2.58	42.21 2.24 -3.90	41.58 2.07 -6.08	42.70 2.06 -7.46	42.98 2.11 -7.43	45.68 1.95 -10.10	56.21 1.96 -19.76	60.95 2.10 -20.56	69.41 2.17 -27.79	63.65 2.05 -25.01	62.87 2.06 -25.24	56.99 1.78 -20.90	51.43 1.85 -17.12	47.85 1.87 -14.26	44.99 2.36 -5.17
ARTHUR_KILL_3 23513	43.18 2.38 -0.37	42.21 2.01 -2.29	40.90 1.76 -7.79	40.77 1.77 -5.50	41.38 1.93 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.09	43.06 2.42 -7.46	43.34 2.47 -7.43	46.05 2.32 -10.10	56.56 2.31 -19.75	61.37 2.53 -20.56	69.73 2.49 -27.79	63.94 2.34 -25.01	63.12 2.31 -25.24	57.34 2.13 -20.90	51.69 2.11 -17.12	48.04 2.06 -14.26	45.10 2.47 -5.17

ARTHUR_KILL_COGEN 323718	43.26 2.47 -0.37	42.25 2.05 -2.29	40.87 1.72 -7.79	40.73 1.74 -5.50	41.34 1.89 -3.00	41.75 1.88 -0.61	45.49 2.16 -2.53	49.08 2.23 -9.04	46.94 2.37 -6.28	40.90 2.27 -2.58	42.31 2.34 -3.90	41.64 2.14 -6.08	42.76 2.13 -7.46	43.08 2.21 -7.43	45.75 2.02 -10.10	56.32 2.07 -19.76	61.07 2.22 -20.56	69.53 2.29 -27.79	63.76 2.16 -25.01	62.98 2.17 -25.24	57.09 1.89 -20.90	51.52 1.95 -17.12	47.92 1.94 -14.26	45.07 2.43 -5.17
ASHOKAN____ 23654	40.95 0.12 -0.40	40.59 0.19 -2.49	39.94 0.13 -8.45	39.63 0.17 -5.97	39.96 0.26 -3.25	40.27 0.35 -0.66	43.84 0.29 -2.74	47.89 0.27 -9.81	45.41 0.30 -6.82	38.82 -0.04 -2.80	39.66 -0.07 -3.66	37.11 -0.20 -3.89	39.16 -0.20 -6.18	40.99 -0.10 -7.65	44.53 -0.07 -10.96	56.11 0.17 -21.45	61.07 0.46 -22.32	70.25 0.63 -30.17	64.43 0.69 -27.15	63.61 0.64 -27.40	57.51 0.52 -22.69	51.43 0.39 -18.58	47.55 0.35 -15.48	43.37 0.30 -5.60
ASTORIA_EAST_ENERGY_CC1 323581	43.30 2.51 -0.37	42.25 2.05 -2.29	40.91 1.76 -7.79	40.73 1.74 -5.50	41.34 1.89 -3.00	41.67 1.81 -0.61	45.32 2.00 -2.52	49.00 2.15 -9.03	47.01 2.45 -6.28	41.00 2.38 -2.58	42.49 2.52 -3.89	41.80 2.30 -6.08	42.92 2.29 -7.45	43.20 2.34 -7.43	45.77 2.05 -10.09	56.20 1.96 -19.75	60.90 2.07 -20.55	69.29 2.05 -27.78	63.53 1.94 -25.00	62.72 1.92 -25.23	56.95 1.75 -20.90	51.35 1.78 -17.11	47.69 1.71 -14.25	44.99 2.36 -5.17
ASTORIA_EAST_ENERGY_CC2 323582	43.30 2.51 -0.37	42.25 2.05 -2.29	40.87 1.72 -7.79	40.73 1.74 -5.50	41.34 1.89 -3.00	41.63 1.77 -0.61	45.32 2.00 -2.52	49.00 2.15 -9.03	47.05 2.49 -6.28	41.04 2.42 -2.58	42.49 2.52 -3.89	41.83 2.34 -6.08	42.92 2.29 -7.45	43.20 2.34 -7.43	45.77 2.05 -10.09	56.24 2.00 -19.75	60.94 2.10 -20.55	69.29 2.05 -27.78	63.57 1.97 -25.00	62.76 1.95 -25.23	56.98 1.78 -20.90	51.35 1.78 -17.11	47.69 1.71 -14.25	44.99 2.36 -5.17
ASTORIA_GT2_1 24094	43.34 2.55 -0.37	42.29 2.08 -2.29	40.91 1.76 -7.79	40.77 1.78 -5.50	41.38 1.93 -3.00	41.67 1.81 -0.61	45.37 2.04 -2.53	49.04 2.19 -9.04	47.02 2.45 -6.28	41.05 2.42 -2.58	42.49 2.53 -3.90	41.84 2.34 -6.08	42.93 2.29 -7.46	43.21 2.34 -7.43	45.78 2.05 -10.10	56.25 2.00 -19.76	60.95 2.11 -20.56	69.30 2.05 -27.79	63.58 1.98 -25.01	62.77 1.96 -25.24	56.99 1.78 -20.90	51.36 1.79 -17.12	47.73 1.74 -14.26	45.03 2.40 -5.17
ASTORIA_GT2_2 24095	43.34 2.55 -0.37	42.29 2.08 -2.29	40.91 1.76 -7.79	40.77 1.78 -5.50	41.38 1.93 -3.00	41.67 1.81 -0.61	45.37 2.04 -2.53	49.04 2.19 -9.04	47.02 2.45 -6.28	41.05 2.42 -2.58	42.49 2.53 -3.90	41.84 2.34 -6.08	42.93 2.29 -7.46	43.21 2.34 -7.43	45.78 2.05 -10.10	56.25 2.00 -19.76	60.95 2.11 -20.56	69.30 2.05 -27.79	63.58 1.98 -25.01	62.77 1.96 -25.24	56.99 1.78 -20.90	51.36 1.79 -17.12	47.73 1.74 -14.26	45.03 2.40 -5.17
ASTORIA_GT2_3 24096	43.34 2.55 -0.37	42.29 2.08 -2.29	40.91 1.76 -7.79	40.77 1.78 -5.50	41.38 1.93 -3.00	41.67 1.81 -0.61	45.37 2.04 -2.53	49.04 2.19 -9.04	47.02 2.45 -6.28	41.05 2.42 -2.58	42.49 2.53 -3.90	41.84 2.34 -6.08	42.93 2.29 -7.46	43.21 2.34 -7.43	45.78 2.05 -10.10	56.25 2.00 -19.76	60.95 2.11 -20.56	69.30 2.05 -27.79	63.58 1.98 -25.01	62.77 1.96 -25.24	56.99 1.78 -20.90	51.36 1.79 -17.12	47.73 1.74 -14.26	45.03 2.40 -5.17
ASTORIA_GT2_4 24097	43.34 2.55 -0.37	42.29 2.08 -2.29	40.91 1.76 -7.79	40.77 1.78 -5.50	41.38 1.93 -3.00	41.67 1.81 -0.61	45.37 2.04 -2.53	49.04 2.19 -9.04	47.02 2.45 -6.28	41.05 2.42 -2.58	42.49 2.53 -3.90	41.84 2.34 -6.08	42.93 2.29 -7.46	43.21 2.34 -7.43	45.78 2.05 -10.10	56.25 2.00 -19.76	60.95 2.11 -20.56	69.30 2.05 -27.79	63.58 1.98 -25.01	62.77 1.96 -25.24	56.99 1.78 -20.90	51.36 1.79 -17.12	47.73 1.74 -14.26	45.03 2.40 -5.17
ASTORIA_GT3_1 24098	43.30 2.51 -0.37	42.25 2.05 -2.29	40.91 1.76 -7.79	40.73 1.74 -5.50	41.34 1.90 -3.00	41.67 1.81 -0.61	45.37 2.04 -2.53	49.04 2.19 -9.04	47.06 2.49 -6.28	41.05 2.42 -2.58	42.49 2.53 -3.90	41.84 2.34 -6.08	42.93 2.29 -7.46	43.24 2.37 -7.43	45.81 2.08 -10.10	56.25 2.00 -19.76	60.99 2.14 -20.56	69.34 2.09 -27.79	63.58 1.98 -25.01	62.80 1.99 -25.24	56.99 1.78 -20.90	51.40 1.82 -17.12	47.73 1.74 -14.26	44.99 2.36 -5.17
ASTORIA_GT3_2 24099	43.30 2.51 -0.37	42.25 2.05 -2.29	40.91 1.76 -7.79	40.73 1.74 -5.50	41.34 1.90 -3.00	41.67 1.81 -0.61	45.37 2.04 -2.53	49.04 2.19 -9.04	47.06 2.49 -6.28	41.05 2.42 -2.58	42.49 2.53 -3.90	41.84 2.34 -6.08	42.93 2.29 -7.46	43.24 2.37 -7.43	45.81 2.08 -10.10	56.25 2.00 -19.76	60.99 2.14 -20.56	69.34 2.09 -27.79	63.58 1.98 -25.01	62.80 1.99 -25.24	56.99 1.78 -20.90	51.40 1.82 -17.12	47.73 1.74 -14.26	44.99 2.36 -5.17
ASTORIA_GT3_3 24100	43.30 2.51 -0.37	42.25 2.05 -2.29	40.91 1.76 -7.79	40.73 1.74 -5.50	41.34 1.90 -3.00	41.67 1.81 -0.61	45.37 2.04 -2.53	49.04 2.19 -9.04	47.06 2.49 -6.28	41.05 2.42 -2.58	42.49 2.53 -3.90	41.84 2.34 -6.08	42.93 2.29 -7.46	43.24 2.37 -7.43	45.81 2.08 -10.10	56.25 2.00 -19.76	60.99 2.14 -20.56	69.34 2.09 -27.79	63.58 1.98 -25.01	62.80 1.99 -25.24	56.99 1.78 -20.90	51.40 1.82 -17.12	47.73 1.74 -14.26	44.99 2.36 -5.17
ASTORIA_GT3_4 24101	43.30 2.51 -0.37	42.25 2.05 -2.29	40.91 1.76 -7.79	40.73 1.74 -5.50	41.34 1.90 -3.00	41.67 1.81 -0.61	45.37 2.04 -2.53	49.04 2.19 -9.04	47.06 2.49 -6.28	41.05 2.42 -2.58	42.49 2.53 -3.90	41.84 2.34 -6.08	42.93 2.29 -7.46	43.24 2.37 -7.43	45.81 2.08 -10.10	56.25 2.00 -19.76	60.99 2.14 -20.56	69.34 2.09 -27.79	63.58 1.98 -25.01	62.80 1.99 -25.24	56.99 1.78 -20.90	51.40 1.82 -17.12	47.73 1.74 -14.26	44.99 2.36 -5.17
ASTORIA_GT4_1 24102	43.30 2.51 -0.37	42.25 2.05 -2.29	40.91 1.76 -7.79	40.73 1.74 -5.50	41.34 1.90 -3.00	41.67 1.81 -0.61	45.37 2.04 -2.53	49.04 2.19 -9.04	47.06 2.49 -6.28	41.05 2.42 -2.58	42.49 2.53 -3.90	41.84 2.34 -6.08	42.93 2.29 -7.46	43.24 2.37 -7.43	45.81 2.08 -10.10	56.25 2.00 -19.76	60.99 2.14 -20.56	69.34 2.09 -27.79	63.58 1.98 -25.01	62.80 1.99 -25.24	56.99 1.78 -20.90	51.40 1.82 -17.12	47.73 1.74 -14.26	44.99 2.36 -5.17
ASTORIA_GT4_2 24103	43.30 2.51 -0.37	42.25 2.05 -2.29	40.91 1.76 -7.79	40.73 1.74 -5.50	41.34 1.90 -3.00	41.67 1.81 -0.61	45.37 2.04 -2.53	49.04 2.19 -9.04	47.06 2.49 -6.28	41.05 2.42 -2.58	42.49 2.53 -3.90	41.84 2.34 -6.08	42.93 2.29 -7.46	43.24 2.37 -7.43	45.81 2.08 -10.10	56.25 2.00 -19.76	60.99 2.14 -20.56	69.34 2.09 -27.79	63.58 1.98 -25.01	62.80 1.99 -25.24	56.99 1.78 -20.90	51.40 1.82 -17.12	47.73 1.74 -14.26	44.99 2.36 -5.17
ASTORIA_GT4_3 24104	43.30 2.51 -0.37	42.25 2.05 -2.29	40.91 1.76 -7.79	40.73 1.74 -5.50	41.34 1.90 -3.00	41.67 1.81 -0.61	45.37 2.04 -2.53	49.04 2.19 -9.04	47.06 2.49 -6.28	41.05 2.42 -2.58	42.49 2.53 -3.90	41.84 2.34 -6.08	42.93 2.29 -7.46	43.24 2.37 -7.43	45.81 2.08 -10.10	56.25 2.00 -19.76	60.99 2.14 -20.56	69.34 2.09 -27.79	63.58 1.98 -25.01	62.80 1.99 -25.24	56.99 1.78 -20.90	51.40 1.82 -17.12	47.73 1.74 -14.26	44.99 2.36 -5.17

ASTORIA_GT4_4 24105	43.30 2.51 -0.37	42.25 2.05 -2.29	40.91 1.76 -7.79	40.73 1.74 -5.50	41.34 1.90 -3.00	41.67 1.81 -0.61	45.37 2.04 -2.53	49.04 2.19 -9.04	47.06 2.49 -6.28	41.05 2.42 -2.58	42.49 2.53 -3.90	41.84 2.34 -6.08	42.93 2.29 -7.46	43.24 2.37 -7.43	45.81 2.08 -10.10	56.25 2.00 -19.76	60.99 2.14 -20.56	69.34 2.09 -27.79	63.58 1.98 -25.01	62.80 1.99 -25.24	56.99 1.78 -20.90	51.40 1.82 -17.12	47.73 1.74 -14.26	44.99 2.36 -5.17
ASTORIA_GT_1 23523	43.39 2.59 -0.37	42.32 2.12 -2.29	40.94 1.79 -7.79	40.80 1.81 -5.50	41.42 1.97 -3.00	41.71 1.85 -0.61	45.41 2.08 -2.52	49.11 2.27 -9.03	47.13 2.57 -6.28	41.11 2.49 -2.58	42.56 2.60 -3.89	41.90 2.41 -6.08	42.99 2.36 -7.45	43.27 2.41 -7.43	45.84 2.12 -10.09	56.31 2.07 -19.75	61.02 2.18 -20.55	69.41 2.17 -27.78	63.64 2.05 -25.00	62.83 2.03 -25.23	57.05 1.85 -20.90	51.42 1.85 -17.11	47.78 1.81 -14.25	45.07 2.43 -5.17
ASTORIA_GT_10 24110	43.38 2.59 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.42 2.17 -19.76	61.18 2.34 -20.56	69.53 2.29 -27.79	63.80 2.20 -25.01	62.98 2.17 -25.24	57.20 1.99 -20.90	51.62 2.04 -17.12	47.98 2.00 -14.26	45.14 2.51 -5.17
ASTORIA_GT_11 24225	43.38 2.59 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.42 2.17 -19.76	61.18 2.34 -20.56	69.53 2.29 -27.79	63.80 2.20 -25.01	62.98 2.17 -25.24	57.20 1.99 -20.90	51.62 2.04 -17.12	47.98 2.00 -14.26	45.14 2.51 -5.17
ASTORIA_GT_12 24226	43.38 2.59 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.42 2.17 -19.76	61.18 2.34 -20.56	69.53 2.29 -27.79	63.80 2.20 -25.01	62.98 2.17 -25.24	57.20 1.99 -20.90	51.62 2.04 -17.12	47.98 2.00 -14.26	45.14 2.51 -5.17
ASTORIA_GT_13 24227	43.38 2.59 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.42 2.17 -19.76	61.18 2.34 -20.56	69.53 2.29 -27.79	63.80 2.20 -25.01	62.98 2.17 -25.24	57.20 1.99 -20.90	51.62 2.04 -17.12	47.98 2.00 -14.26	45.14 2.51 -5.17
ASTORIA_GT_5 24106	43.38 2.59 -0.37	42.32 2.12 -2.29	40.94 1.79 -7.79	40.80 1.81 -5.50	41.42 1.97 -3.00	41.71 1.84 -0.61	45.41 2.08 -2.53	49.12 2.27 -9.04	47.13 2.57 -6.28	41.12 2.49 -2.58	42.57 2.60 -3.90	41.91 2.41 -6.08	42.99 2.36 -7.46	43.28 2.41 -7.43	45.85 2.12 -10.10	56.32 2.07 -19.76	61.03 2.18 -20.56	69.42 2.17 -27.79	63.65 2.05 -25.01	62.84 2.03 -25.24	57.06 1.85 -20.90	51.43 1.85 -17.12	47.79 1.81 -14.26	45.07 2.44 -5.17
ASTORIA_GT_7 24107	43.38 2.59 -0.37	42.32 2.12 -2.29	40.94 1.79 -7.79	40.80 1.81 -5.50	41.42 1.97 -3.00	41.71 1.84 -0.61	45.41 2.08 -2.53	49.12 2.27 -9.04	47.13 2.57 -6.28	41.12 2.49 -2.58	42.57 2.60 -3.90	41.91 2.41 -6.08	42.99 2.36 -7.46	43.28 2.41 -7.43	45.85 2.12 -10.10	56.32 2.07 -19.76	61.03 2.18 -20.56	69.42 2.17 -27.79	63.65 2.05 -25.01	62.84 2.03 -25.24	57.06 1.85 -20.90	51.43 1.85 -17.12	47.79 1.81 -14.26	45.07 2.44 -5.17
ASTORIA_GT_8 24108	43.38 2.59 -0.37	42.32 2.12 -2.29	40.94 1.79 -7.79	40.80 1.81 -5.50	41.42 1.97 -3.00	41.71 1.84 -0.61	45.41 2.08 -2.53	49.12 2.27 -9.04	47.13 2.57 -6.28	41.12 2.49 -2.58	42.57 2.60 -3.90	41.91 2.41 -6.08	42.99 2.36 -7.46	43.28 2.41 -7.43	45.85 2.12 -10.10	56.32 2.07 -19.76	61.03 2.18 -20.56	69.42 2.17 -27.79	63.65 2.05 -25.01	62.84 2.03 -25.24	57.06 1.85 -20.90	51.43 1.85 -17.12	47.79 1.81 -14.26	45.07 2.44 -5.17
ASTORIA___2 24149	43.30 2.51 -0.37	42.25 2.05 -2.29	40.91 1.76 -7.79	40.73 1.74 -5.50	41.34 1.89 -3.00	41.67 1.81 -0.61	45.36 2.04 -2.52	49.04 2.19 -9.03	47.05 2.49 -6.28	41.04 2.42 -2.58	42.49 2.52 -3.89	41.83 2.34 -6.08	42.92 2.29 -7.45	43.20 2.34 -7.43	45.81 2.09 -10.09	56.24 2.00 -19.75	60.98 2.14 -20.55	69.33 2.09 -27.78	63.57 1.97 -25.00	62.79 1.99 -25.23	56.98 1.78 -20.90	51.39 1.82 -17.11	47.72 1.74 -14.25	44.99 2.36 -5.17
ASTORIA___3 23516	43.39 2.59 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.42 2.17 -19.76	61.18 2.34 -20.56	69.53 2.29 -27.79	63.76 2.16 -25.01	62.98 2.17 -25.24	57.20 1.99 -20.90	51.59 2.01 -17.12	47.98 2.00 -14.26	45.14 2.51 -5.17
ASTORIA___4 23517	43.38 2.59 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.42 2.17 -19.76	61.18 2.34 -20.56	69.53 2.29 -27.79	63.80 2.20 -25.01	62.98 2.17 -25.24	57.20 1.99 -20.90	51.62 2.04 -17.12	47.98 2.00 -14.26	45.14 2.51 -5.17
ASTORIA___5 23518	43.39 2.59 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.42 2.17 -19.76	61.18 2.34 -20.56	69.53 2.29 -27.79	63.76 2.16 -25.01	62.98 2.17 -25.24	57.20 1.99 -20.90	51.59 2.01 -17.12	47.98 2.00 -14.26	45.14 2.51 -5.17
AST_ENERGY_2_CC3 323677	43.18 2.38 -0.37	42.21 2.01 -2.29	40.94 1.79 -7.79	40.80 1.81 -5.50	41.42 1.97 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.09	43.06 2.42 -7.46	43.31 2.44 -7.43	46.02 2.29 -10.10	56.49 2.24 -19.75	61.30 2.45 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.09 2.28 -25.24	57.30 2.09 -20.90	51.66 2.08 -17.12	48.04 2.06 -14.26	45.14 2.51 -5.17
AST_ENERGY_2_CC4 323678	43.18 2.38 -0.37	42.21 2.01 -2.29	40.94 1.79 -7.79	40.80 1.81 -5.50	41.42 1.97 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.09	43.06 2.42 -7.46	43.31 2.44 -7.43	46.02 2.29 -10.10	56.49 2.24 -19.75	61.30 2.45 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.09 2.28 -25.24	57.30 2.09 -20.90	51.66 2.08 -17.12	48.04 2.06 -14.26	45.14 2.51 -5.17

ATHENS_STG_1 23668	42.16 1.33 -0.40	41.55 1.18 -2.47	40.74 1.00 -8.37	40.44 1.04 -5.91	40.80 1.13 -3.22	41.13 1.22 -0.66	44.83 1.31 -2.72	48.89 1.36 -9.72	46.50 1.45 -6.76	40.16 1.33 -2.78	41.00 1.34 -3.59	38.36 1.27 -3.67	40.40 1.23 -6.00	42.23 1.24 -7.55	45.70 1.21 -10.86	56.97 1.24 -21.24	61.77 1.38 -22.11	70.72 1.38 -29.89	64.77 1.28 -26.89	63.99 1.28 -27.14	57.99 1.20 -22.48	52.03 1.17 -18.41	48.20 1.14 -15.34	44.33 1.31 -5.55
ATHENS_STG_2 23670	42.16 1.33 -0.40	41.55 1.18 -2.47	40.74 1.00 -8.37	40.44 1.04 -5.91	40.80 1.13 -3.22	41.13 1.22 -0.66	44.83 1.31 -2.72	48.89 1.36 -9.72	46.50 1.45 -6.76	40.16 1.33 -2.78	41.00 1.34 -3.59	38.36 1.27 -3.67	40.40 1.23 -6.00	42.23 1.24 -7.55	45.70 1.21 -10.86	56.97 1.24 -21.24	61.77 1.38 -22.11	70.72 1.38 -29.89	64.77 1.28 -26.89	63.99 1.28 -27.14	57.99 1.20 -22.48	52.03 1.17 -18.41	48.20 1.14 -15.34	44.33 1.31 -5.55
ATHENS_STG_3 23677	42.16 1.33 -0.40	41.55 1.18 -2.47	40.74 1.00 -8.37	40.44 1.04 -5.91	40.80 1.13 -3.22	41.13 1.22 -0.66	44.83 1.31 -2.72	48.89 1.36 -9.72	46.50 1.45 -6.76	40.16 1.33 -2.78	41.00 1.34 -3.59	38.36 1.27 -3.67	40.40 1.23 -6.00	42.23 1.24 -7.55	45.70 1.21 -10.86	56.97 1.24 -21.24	61.77 1.38 -22.11	70.72 1.38 -29.89	64.77 1.28 -26.89	63.99 1.28 -27.14	57.99 1.20 -22.48	52.03 1.17 -18.41	48.20 1.14 -15.34	44.33 1.31 -5.55
AUBURN___LFGE 323710	40.31 -0.16 -0.04	38.03 -0.15 -0.27	32.16 -0.13 -0.92	34.01 -0.13 -0.65	36.62 -0.18 -0.36	39.16 -0.16 -0.07	40.90 -0.20 -0.30	38.77 -0.11 -1.07	38.76 -0.27 -0.74	35.99 -0.36 -0.31	36.10 -0.32 -0.35	33.30 -0.30 -0.18	33.42 -0.27 -0.50	34.03 -0.20 -0.80	34.66 -0.17 -1.20	36.76 -0.07 -2.34	40.68 -0.04 -2.43	42.79 0.04 -3.29	39.63 0.07 -2.96	38.59 0.04 -2.99	36.81 0.03 -2.48	34.45 -0.03 -2.03	33.31 -0.10 -1.69	37.97 -0.11 -0.61
BABYLON_RES_REC 323704	43.88 3.07 -0.38	42.86 2.65 -2.29	41.22 2.07 -7.79	41.04 2.04 -5.50	41.78 2.33 -3.00	42.61 2.75 -0.61	46.44 3.10 -2.54	50.00 3.14 -9.05	47.87 3.29 -6.29	41.62 2.99 -2.58	42.97 2.99 -3.91	42.25 2.74 -6.09	43.30 2.66 -7.46	43.62 2.74 -7.44	47.34 2.69 -11.02	56.95 2.69 -19.77	70.69 2.99 -29.41	92.96 3.04 -50.47	81.27 2.89 -41.78	72.09 2.78 -33.74	67.09 2.57 -30.21	63.58 2.47 -28.66	55.39 2.44 -21.23	46.89 2.92 -6.50
BABYLON__69_KV_BK2 356345	44.28 3.48 -0.38	43.20 2.99 -2.29	41.47 2.32 -7.79	41.30 2.31 -5.50	42.07 2.62 -3.00	42.96 3.10 -0.61	46.81 3.47 -2.54	50.34 3.48 -9.05	48.22 3.64 -6.29	41.95 3.32 -2.58	43.30 3.32 -3.91	42.55 3.04 -6.09	43.63 2.99 -7.46	43.92 3.04 -7.44	47.68 3.06 -11.00	57.26 3.00 -19.77	70.96 3.45 -29.23	92.96 3.51 -49.99	81.32 3.29 -41.43	72.33 3.20 -33.56	67.27 2.95 -30.01	63.70 2.82 -28.41	55.53 2.73 -21.08	47.23 3.30 -6.47
BALL_HILL_WT_PWR 323825	37.65 -2.83 -0.05	35.52 -2.73 -0.34	30.26 -2.26 -1.15	31.90 -2.41 -0.82	34.38 -2.51 -0.44	36.32 -3.02 -0.09	37.73 -3.39 -0.31	35.50 -3.40 -1.09	35.60 -3.45 -0.76	32.83 -3.53 -0.32	32.83 -3.61 -0.36	30.40 -3.21 -0.19	30.44 -3.25 -0.51	30.94 -3.31 -0.81	31.52 -3.33 -1.22	33.46 -3.42 -2.38	37.13 -3.64 -2.48	39.25 -3.55 -3.35	36.16 -3.44 -3.01	35.34 -3.27 -3.04	33.60 -3.23 -2.52	31.47 -3.05 -2.06	30.62 -2.82 -1.72	35.46 -2.77 -0.77
BARON_WINDS___WT_PWR 323822	38.52 -1.98 -0.08	36.45 -1.93 -0.47	31.39 -1.57 -1.60	32.95 -1.67 -1.13	35.28 -1.79 -0.62	37.29 -2.08 -0.13	39.05 -2.24 -0.49	37.57 -1.97 -1.73	37.38 -2.11 -1.20	34.34 -2.20 -0.50	34.33 -2.31 -0.57	31.57 -2.14 -0.29	31.84 -2.16 -0.81	32.62 -2.11 -1.29	33.51 -2.05 -1.93	36.20 -2.07 -3.78	40.04 -2.18 -3.93	42.68 -2.09 -5.31	39.36 -2.01 -4.78	38.41 -1.99 -4.83	36.38 -1.92 -4.00	33.88 -1.85 -3.28	32.61 -1.84 -2.73	36.58 -1.95 -1.06
BARRETT_IC_1 23704	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BARRETT_IC_10 23701	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BARRETT_IC_11 23702	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BARRETT_IC_12 23703	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BARRETT_IC_2 23705	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BARRETT_IC_3 23706	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BARRETT_IC_4 23707	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40

BARRETT_IC_5 23708	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BARRETT_IC_6 23709	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BARRETT_IC_7 23710	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.84 1.84 -5.50	41.53 2.08 -3.00	42.29 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.72 2.74 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BARRETT_IC_8 23711	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BARRETT_IC_9 23700	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BARRETT___1 23545	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BARRETT___2 23546	43.51 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.49 2.91 -6.29	41.34 2.70 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	46.93 2.35 -10.95	56.64 2.38 -19.77	69.38 2.34 -28.75	90.56 2.33 -48.78	79.36 2.23 -40.53	70.85 2.17 -33.11	65.88 2.06 -29.51	62.27 2.01 -27.80	54.49 2.06 -20.71	46.37 2.51 -6.40
BATAVIA___115KV_TB1 55881	38.41 -2.06 -0.05	36.31 -1.90 -0.29	30.73 -1.63 -1.00	32.46 -1.74 -0.71	35.12 -1.71 -0.39	37.29 -2.04 -0.08	38.68 -2.41 -0.29	36.25 -2.57 -1.01	36.42 -2.57 -0.70	33.53 -2.81 -0.29	33.48 -2.92 -0.33	31.08 -2.51 -0.17	31.07 -2.59 -0.47	31.51 -2.67 -0.75	32.13 -2.62 -1.13	33.97 -2.72 -2.21	37.86 -2.72 -2.29	40.07 -2.49 -3.10	36.86 -2.52 -2.79	36.14 -2.24 -2.82	34.31 -2.33 -2.33	32.16 -2.21 -1.91	31.35 -1.97 -1.59	36.44 -1.69 -0.66
BAYONEEC___CTG1 323682	43.26 2.47 -0.37	42.25 2.05 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.75	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
BAYONEEC___CTG10 323750	43.26 2.47 -0.37	42.25 2.05 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.75	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
BAYONEEC___CTG2 323683	43.26 2.47 -0.37	42.25 2.05 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.75	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
BAYONEEC___CTG3 323684	43.26 2.47 -0.37	42.25 2.05 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.75	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
BAYONEEC___CTG4 323685	43.26 2.47 -0.37	42.25 2.05 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.75	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
BAYONEEC___CTG5 323686	43.26 2.47 -0.37	42.25 2.05 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.75	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
BAYONEEC___CTG6 323687	43.26 2.47 -0.37	42.25 2.05 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.75	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17

BAYONEEC___CTG7 323688	43.26 2.47 -0.37	42.25 2.05 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.75	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
BAYONEEC___CTG8 323689	43.26 2.47 -0.37	42.25 2.05 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.75	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
BAYONEEC___CTG9 323749	43.26 2.47 -0.37	42.25 2.05 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.75	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
BEACON___LESR 323632	41.96 1.09 -0.44	41.92 1.29 -2.72	41.58 0.97 -9.24	41.16 1.14 -6.53	41.21 1.20 -3.56	41.27 1.29 -0.73	44.91 1.10 -3.00	49.60 1.06 -10.73	46.86 1.11 -7.46	40.27 1.15 -3.07	41.04 1.15 -3.81	37.89 1.14 -3.33	40.38 1.09 -6.11	42.73 1.07 -8.23	46.66 1.04 -11.99	58.98 1.03 -23.45	63.88 1.19 -24.41	73.71 1.26 -32.99	67.42 1.14 -29.69	66.64 1.10 -29.97	60.19 1.06 -24.82	53.75 0.97 -20.32	49.60 0.95 -16.93	44.68 1.09 -6.13
BEAVER RIVER___HYD 24048	39.11 -1.33 -0.01	36.86 -1.14 -0.09	30.52 -1.13 -0.29	32.52 -1.17 -0.21	35.39 -1.17 -0.11	38.13 -1.14 -0.02	39.88 -1.02 -0.09	37.54 -0.61 -0.34	37.87 -0.65 -0.23	35.46 -0.69 -0.10	35.21 -0.97 -0.11	32.34 -1.14 -0.06	32.21 -1.13 -0.16	32.48 -1.20 -0.25	32.83 -1.18 -0.38	34.16 -1.07 -0.74	38.48 -0.57 -0.77	40.10 -0.39 -1.04	37.20 -0.33 -0.93	36.05 -0.46 -0.94	34.50 -0.58 -0.78	32.38 -0.71 -0.64	31.43 -0.82 -0.53	36.69 -0.97 -0.19
BEEBEE_GT_13 23619	39.01 -1.46 -0.04	36.84 -1.33 -0.25	31.06 -1.16 -0.86	32.90 -1.21 -0.61	35.58 -1.20 -0.33	37.90 -1.41 -0.07	39.38 -1.71 -0.29	36.98 -1.85 -1.03	37.12 -1.88 -0.71	34.32 -2.02 -0.29	34.35 -2.06 -0.33	31.85 -1.74 -0.17	31.90 -1.76 -0.48	32.36 -1.84 -0.76	32.99 -1.78 -1.15	34.87 -1.86 -2.24	38.71 -1.91 -2.33	40.80 -1.81 -3.15	37.60 -1.83 -2.84	36.80 -1.64 -2.87	35.00 -1.68 -2.37	32.84 -1.56 -1.94	31.94 -1.40 -1.62	36.84 -1.20 -0.57
BENSHRST_27_KV_BENSHRST_1 355998	43.59 2.79 -0.37	42.51 2.31 -2.29	41.13 1.98 -7.79	41.00 2.01 -5.50	41.64 2.19 -3.00	42.06 2.20 -0.61	45.86 2.53 -2.53	49.46 2.61 -9.04	47.36 2.79 -6.28	41.30 2.67 -2.58	42.75 2.78 -3.90	42.04 2.54 -6.08	43.16 2.52 -7.46	43.48 2.61 -7.43	46.12 2.39 -10.10	56.66 2.41 -19.76	61.45 2.60 -20.56	69.89 2.64 -27.79	64.13 2.52 -25.01	63.30 2.49 -25.24	57.44 2.23 -20.90	51.82 2.24 -17.12	48.20 2.22 -14.26	45.37 2.74 -5.17
BETHLEHEM___GRP 23843	41.39 0.53 -0.44	41.39 0.76 -2.72	41.21 0.60 -9.25	40.73 0.70 -6.53	40.78 0.77 -3.56	40.80 0.82 -0.73	44.30 0.49 -3.00	49.01 0.45 -10.74	46.25 0.50 -7.47	39.73 0.61 -3.07	40.54 0.65 -3.81	37.44 0.70 -3.32	39.91 0.63 -6.10	42.20 0.53 -8.23	46.13 0.50 -12.00	58.45 0.48 -23.47	63.25 0.54 -24.43	73.03 0.55 -33.02	66.82 0.51 -29.71	66.02 0.46 -29.99	59.62 0.48 -24.84	53.22 0.42 -20.34	49.11 0.44 -16.95	44.09 0.49 -6.13
BETHLEHEM___GS1 323560	41.39 0.52 -0.44	41.39 0.76 -2.72	41.20 0.59 -9.25	40.73 0.70 -6.53	40.78 0.77 -3.56	40.80 0.83 -0.73	44.30 0.49 -3.00	49.01 0.46 -10.74	46.25 0.50 -7.47	39.73 0.61 -3.07	40.54 0.65 -3.81	37.44 0.70 -3.32	39.91 0.63 -6.10	42.20 0.53 -8.23	46.13 0.51 -12.00	58.45 0.48 -23.47	63.25 0.54 -24.43	73.03 0.55 -33.02	66.82 0.51 -29.71	66.02 0.46 -29.99	59.62 0.48 -24.84	53.22 0.42 -20.34	49.11 0.44 -16.95	44.09 0.49 -6.13
BETHLEHEM___GS2 323561	41.39 0.52 -0.44	41.39 0.76 -2.72	41.20 0.59 -9.25	40.73 0.70 -6.53	40.78 0.77 -3.56	40.80 0.83 -0.73	44.30 0.49 -3.00	49.01 0.46 -10.74	46.25 0.50 -7.47	39.73 0.61 -3.07	40.54 0.65 -3.81	37.44 0.70 -3.32	39.91 0.63 -6.10	42.20 0.53 -8.23	46.13 0.51 -12.00	58.45 0.48 -23.47	63.25 0.54 -24.43	73.03 0.55 -33.02	66.82 0.51 -29.71	66.02 0.46 -29.99	59.62 0.48 -24.84	53.22 0.42 -20.34	49.11 0.44 -16.95	44.09 0.49 -6.13
BETHLEHEM___GS3 323562	41.39 0.52 -0.44	41.39 0.76 -2.72	41.20 0.59 -9.25	40.73 0.70 -6.53	40.78 0.77 -3.56	40.80 0.83 -0.73	44.30 0.49 -3.00	49.01 0.46 -10.74	46.25 0.50 -7.47	39.73 0.61 -3.07	40.54 0.65 -3.81	37.44 0.70 -3.32	39.91 0.63 -6.10	42.20 0.53 -8.23	46.13 0.51 -12.00	58.45 0.48 -23.47	63.25 0.54 -24.43	73.03 0.55 -33.02	66.82 0.51 -29.71	66.02 0.46 -29.99	59.62 0.48 -24.84	53.22 0.42 -20.34	49.11 0.44 -16.95	44.09 0.49 -6.13
BETHLEHEM___STEEL 23779	37.69 -2.79 -0.05	35.52 -2.73 -0.34	30.29 -2.23 -1.15	31.93 -2.38 -0.81	34.41 -2.48 -0.44	36.36 -2.98 -0.09	37.73 -3.39 -0.31	35.54 -3.37 -1.09	35.64 -3.41 -0.76	32.90 -3.46 -0.32	32.93 -3.50 -0.36	30.50 -3.11 -0.19	30.54 -3.15 -0.51	31.07 -3.18 -0.81	31.65 -3.19 -1.22	33.59 -3.28 -2.38	37.28 -3.48 -2.47	39.37 -3.43 -3.34	36.27 -3.33 -3.01	35.44 -3.17 -3.04	33.70 -3.12 -2.52	31.57 -2.95 -2.06	30.68 -2.76 -1.72	35.53 -2.70 -0.76
BETHLHEM_115KV_TB1 79974	41.47 0.61 -0.44	41.43 0.80 -2.72	41.23 0.63 -9.24	40.76 0.74 -6.53	40.81 0.80 -3.56	40.84 0.86 -0.73	44.38 0.57 -3.00	49.07 0.53 -10.73	46.32 0.57 -7.46	39.80 0.68 -3.07	40.60 0.72 -3.81	37.46 0.74 -3.31	39.94 0.66 -6.09	42.30 0.64 -8.22	46.19 0.57 -11.99	58.50 0.55 -23.46	63.31 0.61 -24.41	73.08 0.63 -33.00	66.87 0.59 -29.69	66.11 0.57 -29.97	59.68 0.55 -24.82	53.30 0.52 -20.33	49.19 0.54 -16.93	44.16 0.56 -6.13
BETHPAGE_CC_5 323564	43.72 2.91 -0.38	42.74 2.54 -2.29	41.13 1.98 -7.79	40.97 1.98 -5.50	41.67 2.22 -3.00	42.49 2.63 -0.61	46.24 2.90 -2.54	49.81 2.95 -9.05	47.72 3.14 -6.30	41.55 2.92 -2.58	42.90 2.92 -3.91	42.18 2.67 -6.09	43.26 2.62 -7.46	43.56 2.68 -7.44	47.29 2.59 -11.07	56.81 2.55 -19.77	70.95 2.72 -29.95	94.00 2.72 -51.83	81.95 2.56 -42.79	72.31 2.49 -34.25	67.40 2.33 -30.76	64.04 2.24 -29.35	55.65 2.29 -21.65	46.82 2.77 -6.58
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.61 -2.87 -0.06	35.45 -2.81 -0.34	30.24 -2.29 -1.17	31.84 -2.48 -0.82	34.35 -2.55 -0.45	36.28 -3.06 -0.09	37.69 -3.43 -0.31	35.59 -3.33 -1.11	35.73 -3.33 -0.77	32.98 -3.39 -0.32	32.97 -3.46 -0.37	30.54 -3.07 -0.19	30.58 -3.12 -0.52	31.12 -3.14 -0.83	31.71 -3.16 -1.24	33.67 -3.24 -2.42	37.40 -3.41 -2.52	39.54 -3.31 -3.40	36.40 -3.26 -3.06	35.56 -3.09 -3.09	33.81 -3.05 -2.56	31.63 -2.92 -2.10	30.71 -2.76 -1.75	35.47 -2.77 -0.77

BINGHAMTON___COGEN 23790	40.46 -0.08 -0.11	38.50 -0.11 -0.71	33.66 -0.09 -2.39	35.12 -0.07 -1.69	37.26 -0.11 -0.92	39.28 -0.16 -0.19	41.41 -0.16 -0.77	40.55 0.00 -2.74	40.15 -0.04 -1.90	36.72 -0.11 -0.78	36.69 -0.14 -0.76	33.10 -0.13 0.19	33.88 -0.13 -0.83	35.31 -0.07 -1.94	36.65 -0.03 -3.06	40.47 0.00 -5.98	44.55 0.04 -6.23	47.95 0.08 -8.41	44.20 0.04 -7.57	43.21 0.00 -7.64	40.63 0.00 -6.33	37.64 0.00 -5.18	35.97 -0.06 -4.32	38.98 -0.07 -1.59
BIXINCNT_115KV_LOAD 355685	36.81 -3.68 -0.06	34.74 -3.53 -0.36	29.71 -2.89 -1.23	31.25 -3.11 -0.87	33.64 -3.28 -0.47	35.50 -3.85 -0.10	37.06 -4.08 -0.34	35.42 -3.59 -1.20	35.45 -3.68 -0.84	32.65 -3.75 -0.35	32.43 -4.04 -0.39	29.85 -3.78 -0.20	29.90 -3.85 -0.56	30.55 -3.78 -0.89	31.07 -3.90 -1.34	33.21 -3.90 -2.62	36.91 -4.10 -2.72	39.11 -4.02 -3.68	36.06 -3.84 -3.31	35.18 -3.73 -3.34	33.47 -3.60 -2.77	31.19 -3.54 -2.27	30.25 -3.36 -1.89	34.50 -3.78 -0.82
BLACK RIVER___HYD 24047	39.43 -1.01 -0.02	37.11 -0.91 -0.11	30.81 -0.94 -0.39	32.83 -0.94 -0.27	35.62 -0.98 -0.15	38.38 -0.90 -0.03	40.07 -0.86 -0.13	37.77 -0.49 -0.45	37.91 -0.69 -0.31	35.42 -0.76 -0.13	35.17 -1.05 -0.15	32.32 -1.17 -0.08	32.23 -1.16 -0.21	32.57 -1.20 -0.34	32.99 -1.14 -0.50	34.51 -0.97 -0.98	38.85 -0.46 -1.02	40.68 -0.16 -1.38	37.84 0.00 -1.25	36.72 -0.11 -1.26	35.11 -0.24 -1.04	32.99 -0.32 -0.85	31.89 -0.54 -0.71	37.01 -0.71 -0.26
BLACKRVR_115KV_TB2 79977	39.43 -1.01 -0.02	37.11 -0.91 -0.11	30.81 -0.94 -0.39	32.83 -0.94 -0.27	35.61 -0.98 -0.15	38.38 -0.90 -0.03	40.07 -0.86 -0.13	37.77 -0.49 -0.45	37.91 -0.69 -0.31	35.42 -0.76 -0.13	35.17 -1.05 -0.15	32.33 -1.17 -0.08	32.23 -1.16 -0.21	32.57 -1.20 -0.34	32.99 -1.14 -0.50	34.51 -0.97 -0.98	38.85 -0.46 -1.02	40.68 -0.16 -1.38	37.84 0.00 -1.25	36.72 -0.11 -1.26	35.11 -0.24 -1.04	32.99 -0.32 -0.85	31.89 -0.54 -0.71	37.01 -0.71 -0.26
BLISS_WT_PWR 323608	36.60 -3.88 -0.06	34.56 -3.71 -0.36	29.58 -3.01 -1.23	31.08 -3.28 -0.87	33.46 -3.46 -0.47	35.30 -4.04 -0.10	36.90 -4.24 -0.34	35.27 -3.74 -1.20	35.26 -3.87 -0.84	32.47 -3.93 -0.35	32.17 -4.29 -0.39	29.61 -4.01 -0.20	29.66 -4.08 -0.56	30.32 -4.01 -0.89	30.80 -4.17 -1.34	32.90 -4.21 -2.62	36.61 -4.40 -2.72	38.75 -4.38 -3.68	35.73 -4.17 -3.31	34.89 -4.02 -3.34	33.20 -3.88 -2.77	30.93 -3.80 -2.27	30.06 -3.55 -1.89	34.24 -4.05 -0.82
BLUESTONE___WT_PWR 323821	42.53 1.98 -0.12	40.45 1.78 -0.76	35.28 1.35 -2.57	36.85 1.54 -1.82	39.12 1.68 -0.99	41.37 1.92 -0.20	43.63 2.00 -0.83	43.07 2.31 -2.96	42.52 2.18 -2.06	38.91 2.02 -0.85	38.77 1.87 -0.82	34.91 1.67 0.18	35.85 1.76 -0.91	37.34 1.80 -2.10	38.91 1.98 -3.30	43.16 2.21 -6.46	47.73 2.72 -6.72	51.46 2.92 -9.09	47.48 2.71 -8.18	46.42 2.60 -8.25	43.40 2.26 -6.83	40.23 2.17 -5.60	38.22 1.84 -4.66	41.31 2.13 -1.71
BLUE_CIRC_CHEM_DRP 24182	41.83 0.97 -0.43	41.69 1.10 -2.68	41.32 0.85 -9.11	40.90 0.97 -6.43	41.02 1.06 -3.51	41.10 1.14 -0.72	44.74 0.98 -2.96	49.30 0.91 -10.58	46.48 0.84 -7.36	39.90 0.83 -3.02	40.68 0.83 -3.78	37.59 0.80 -3.37	40.06 0.80 -6.08	42.33 0.77 -8.12	46.26 0.81 -11.82	58.48 0.86 -23.12	63.31 0.96 -24.06	73.01 1.03 -32.53	66.82 0.95 -29.27	66.04 0.92 -29.54	59.67 0.89 -24.47	53.31 0.81 -20.04	49.24 0.82 -16.69	44.45 0.94 -6.04
BOC_GAS_DRP 24189	41.71 0.85 -0.44	41.45 0.83 -2.71	41.26 0.69 -9.21	40.77 0.77 -6.50	40.83 0.84 -3.55	40.88 0.90 -0.72	44.61 0.82 -2.99	49.30 0.79 -10.69	46.56 0.84 -7.43	39.97 0.87 -3.06	40.73 0.87 -3.79	37.52 0.84 -3.26	40.02 0.80 -6.05	42.39 0.77 -8.19	46.35 0.77 -11.95	58.62 0.76 -23.37	63.45 0.84 -24.32	73.20 0.87 -32.88	66.98 0.81 -29.58	66.21 0.78 -29.86	59.79 0.75 -24.73	53.42 0.71 -20.25	49.32 0.73 -16.87	44.40 0.82 -6.11
BOONVILLE_115KV_TB1 79983	40.60 0.16 -0.01	38.17 0.19 -0.07	31.63 0.03 -0.24	33.73 0.07 -0.17	36.69 0.15 -0.09	39.50 0.24 -0.02	41.21 0.33 -0.08	38.62 0.53 -0.28	38.94 0.46 -0.19	36.56 0.43 -0.08	36.42 0.25 -0.09	33.60 0.13 -0.05	33.44 0.13 -0.13	33.74 0.10 -0.21	34.11 0.17 -0.31	35.41 0.31 -0.61	39.57 0.65 -0.64	41.10 0.79 -0.86	38.10 0.73 -0.77	36.99 0.64 -0.78	35.47 0.51 -0.65	33.41 0.42 -0.53	32.45 0.29 -0.44	37.93 0.30 -0.16
BORALEX_4TH_BRANCH 23824	43.29 2.43 -0.44	42.86 2.24 -2.72	42.43 1.85 -9.22	41.95 1.94 -6.51	42.11 2.11 -3.55	42.21 2.24 -0.73	46.17 2.37 -2.99	50.83 2.31 -10.71	48.10 2.37 -7.44	41.34 2.23 -3.06	42.11 2.20 -3.84	38.95 2.04 -3.49	41.38 1.99 -6.21	43.64 1.97 -8.23	47.64 2.05 -11.96	59.99 2.10 -23.40	65.05 2.41 -24.35	74.90 2.53 -32.92	68.56 2.34 -29.62	67.71 2.24 -29.90	61.19 2.13 -24.76	54.75 2.01 -20.28	50.61 2.00 -16.89	45.83 2.25 -6.11
BOWLINE___1 23526	42.89 2.10 -0.36	41.89 1.74 -2.24	40.50 1.54 -7.60	40.40 1.54 -5.37	41.09 1.71 -2.93	41.69 1.85 -0.60	45.35 2.08 -2.47	48.79 2.15 -8.82	46.75 2.34 -6.13	40.73 2.16 -2.52	42.31 2.20 -4.04	42.50 2.01 -7.08	43.25 1.99 -8.08	42.91 2.04 -7.43	45.43 1.95 -9.86	55.77 2.00 -19.28	60.57 2.22 -20.06	68.78 2.21 -27.12	63.08 2.08 -24.40	62.22 2.03 -24.63	56.59 1.89 -20.40	50.98 1.82 -16.70	47.41 1.78 -13.92	44.57 2.06 -5.04
BOWLINE___2 23595	42.89 2.10 -0.36	41.89 1.74 -2.24	40.50 1.54 -7.60	40.40 1.54 -5.37	41.09 1.71 -2.93	41.69 1.85 -0.60	45.35 2.08 -2.47	48.79 2.15 -8.82	46.75 2.34 -6.13	40.73 2.16 -2.52	42.31 2.20 -4.04	42.49 2.01 -7.07	43.25 1.99 -8.08	42.90 2.04 -7.43	45.43 1.95 -9.86	55.77 2.00 -19.28	60.57 2.22 -20.06	68.78 2.21 -27.12	63.08 2.08 -24.40	62.23 2.03 -24.63	56.59 1.89 -20.40	50.98 1.82 -16.71	47.41 1.78 -13.92	44.57 2.06 -5.04
BRADY___115KV_TB2 356060	37.80 -2.63 -0.01	35.94 -2.01 -0.04	29.49 -2.01 -0.13	31.48 -2.11 -0.09	34.46 -2.04 -0.05	37.22 -2.04 -0.01	39.22 -1.63 -0.04	37.10 -0.87 -0.16	37.86 -0.54 -0.11	35.59 -0.50 -0.04	35.29 -0.83 -0.05	32.24 -1.20 -0.03	31.89 -1.36 -0.07	31.98 -1.57 -0.12	32.02 -1.78 -0.17	32.83 -2.00 -0.34	37.49 -1.15 -0.35	38.67 -1.26 -0.48	35.67 -1.35 -0.43	34.19 -1.81 -0.43	32.91 -1.75 -0.36	30.61 -2.14 -0.29	30.09 -1.87 -0.25	35.61 -1.95 -0.09
BRANSCOMB___SOLAR 323811	42.94 2.06 -0.45	42.74 2.05 -2.79	42.40 1.57 -9.47	41.92 1.74 -6.69	41.99 1.89 -3.65	41.99 2.00 -0.75	46.04 2.16 -3.08	50.89 2.08 -11.00	48.04 2.10 -7.65	41.10 1.91 -3.14	41.86 1.91 -3.88	38.39 1.70 -3.27	41.10 1.76 -6.16	43.62 1.77 -8.41	47.80 1.88 -12.29	60.50 1.96 -24.05	65.53 2.22 -25.02	75.69 2.41 -33.82	69.19 2.16 -30.44	68.39 2.10 -30.72	61.77 2.02 -25.44	55.11 1.82 -20.84	50.85 1.78 -17.36	45.77 2.02 -6.28
BRENTWOD_69_KV_W. BRTWOOD 56703	44.04 3.23 -0.38	43.01 2.81 -2.29	41.32 2.16 -7.79	41.14 2.14 -5.50	41.89 2.44 -3.00	42.77 2.90 -0.61	46.61 3.26 -2.54	50.15 3.29 -9.05	48.02 3.45 -6.29	41.73 3.10 -2.58	43.08 3.10 -3.90	42.35 2.84 -6.09	43.43 2.79 -7.46	43.72 2.84 -7.44	47.43 2.86 -10.94	57.05 2.79 -19.77	70.19 3.18 -28.72	91.39 3.24 -48.70	80.14 3.07 -40.48	71.60 2.95 -33.08	66.53 2.74 -29.48	62.81 2.60 -27.76	54.94 2.54 -20.69	46.93 3.07 -6.39

BRISTLHL_115KV_TB1 79998	39.48 -0.97 -0.03	37.21 -0.87 -0.17	31.22 -0.72 -0.58	33.16 -0.74 -0.41	35.80 -0.87 -0.22	38.35 -0.94 -0.05	39.97 -1.02 -0.19	37.43 -1.06 -0.67	37.60 -1.15 -0.47	35.16 -1.08 -0.19	35.25 -1.05 -0.22	32.56 -0.97 -0.11	32.57 -0.93 -0.31	33.03 -0.90 -0.50	33.51 -0.87 -0.75	35.06 -0.90 -1.47	38.78 -1.03 -1.53	40.46 -1.07 -2.07	37.50 -0.95 -1.86	36.52 -0.92 -1.88	35.00 -0.86 -1.56	32.92 -0.81 -1.27	31.96 -0.82 -1.06	36.88 -0.97 -0.38
BROOKHAVEN___DRP 24191	43.84 3.03 -0.38	42.82 2.62 -2.29	41.13 1.98 -7.79	40.94 1.94 -5.50	41.67 2.22 -3.00	42.57 2.71 -0.61	46.44 3.10 -2.54	50.00 3.14 -9.05	47.87 3.29 -6.29	41.55 2.92 -2.58	42.86 2.89 -3.90	42.15 2.64 -6.09	43.20 2.55 -7.46	43.52 2.64 -7.44	47.22 2.66 -10.93	56.78 2.52 -19.77	69.82 2.95 -28.59	90.69 2.88 -48.35	79.56 2.74 -40.22	71.15 2.63 -32.95	66.04 2.40 -29.34	62.28 2.24 -27.58	54.52 2.22 -20.58	46.57 2.74 -6.37
BROOKLYN_NAVY_YARD 23515	43.18 2.38 -0.37	42.17 1.97 -2.29	40.87 1.72 -7.79	40.77 1.77 -5.50	41.38 1.93 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.64 2.67 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.34 2.47 -7.43	46.05 2.32 -10.10	56.56 2.31 -19.75	61.37 2.53 -20.56	69.77 2.53 -27.79	63.94 2.34 -25.01	63.12 2.31 -25.24	57.34 2.13 -20.90	51.72 2.14 -17.12	48.04 2.06 -14.26	45.10 2.47 -5.17
BROOKLYN___ARMY_DRP 323595	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.94 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.26 2.62 -5.17
BROOKVLE_69_KV_TB1 55790	43.76 2.95 -0.39	42.74 2.54 -2.29	41.22 2.07 -7.79	41.07 2.08 -5.50	41.78 2.33 -3.00	42.49 2.63 -0.61	46.29 2.94 -2.54	49.85 2.99 -9.06	47.76 3.18 -6.30	41.59 2.96 -2.58	42.98 2.99 -3.91	42.28 2.77 -6.09	43.37 2.72 -7.47	43.66 2.78 -7.45	47.78 2.69 -11.46	56.99 2.72 -19.77	74.96 2.95 -33.73	103.93 2.96 -61.51	89.33 2.78 -49.96	76.19 2.74 -37.88	71.58 2.54 -34.74	69.20 2.47 -34.27	58.75 2.41 -24.62	47.50 2.88 -7.14
BROOME_2_LFGE 323671	40.46 -0.08 -0.11	38.50 -0.11 -0.71	33.66 -0.09 -2.39	35.12 -0.07 -1.69	37.26 -0.11 -0.92	39.28 -0.16 -0.19	41.41 -0.16 -0.77	40.55 0.00 -2.74	40.15 -0.04 -1.90	36.72 -0.11 -0.78	36.69 -0.14 -0.76	33.10 -0.13 0.19	33.88 -0.13 -0.83	35.31 -0.07 -1.94	36.65 -0.03 -3.06	40.44 -0.03 -5.98	44.51 0.00 -6.23	47.91 0.04 -8.41	44.20 0.04 -7.57	43.21 0.00 -7.64	40.63 0.00 -6.33	37.64 0.00 -5.18	35.98 -0.06 -4.32	38.98 -0.07 -1.59
BROOME___LFGE 323600	40.46 -0.08 -0.11	38.50 -0.11 -0.71	33.66 -0.09 -2.39	35.12 -0.07 -1.69	37.26 -0.11 -0.92	39.28 -0.16 -0.19	41.41 -0.16 -0.77	40.55 0.00 -2.74	40.15 -0.04 -1.90	36.72 -0.11 -0.78	36.69 -0.14 -0.76	33.10 -0.13 0.19	33.88 -0.13 -0.83	35.31 -0.07 -1.94	36.65 -0.03 -3.06	40.44 -0.03 -5.98	44.51 0.00 -6.23	47.91 0.04 -8.41	44.20 0.04 -7.57	43.21 0.00 -7.64	40.63 0.00 -6.33	37.64 0.00 -5.18	35.98 -0.06 -4.32	38.98 -0.07 -1.59
BROWNFLS_115KV_TB_3_5 80003	38.29 -2.14 -0.01	36.23 -1.74 -0.07	29.90 -1.69 -0.23	31.88 -1.78 -0.16	34.75 -1.79 -0.09	37.50 -1.77 -0.02	39.33 -1.55 -0.07	37.13 -0.95 -0.27	37.66 -0.80 -0.18	35.33 -0.79 -0.08	35.08 -1.08 -0.09	32.16 -1.30 -0.04	31.94 -1.36 -0.12	32.13 -1.50 -0.20	32.34 -1.58 -0.30	33.45 -1.62 -0.58	37.89 -1.00 -0.60	39.28 -0.99 -0.81	36.34 -0.99 -0.73	35.06 -1.24 -0.74	33.65 -1.27 -0.61	31.43 -1.53 -0.50	30.68 -1.46 -0.42	36.01 -1.61 -0.15
BROWNSV1_27_KV_LOAD 356125	43.55 2.75 -0.37	42.51 2.31 -2.29	41.16 2.01 -7.79	41.04 2.04 -5.50	41.67 2.22 -3.00	42.22 2.35 -0.61	46.03 2.69 -2.53	49.61 2.76 -9.04	47.59 3.02 -6.28	41.51 2.88 -2.58	42.93 2.96 -3.90	42.21 2.71 -6.09	43.33 2.69 -7.46	43.61 2.74 -7.43	46.32 2.59 -10.10	56.87 2.62 -19.75	61.72 2.87 -20.56	70.12 2.88 -27.79	64.31 2.71 -25.01	63.48 2.67 -25.24	57.64 2.44 -20.90	51.95 2.37 -17.12	48.30 2.32 -14.26	45.44 2.81 -5.17
BURROWS___LYONSDAL 23803	40.28 -0.16 -0.01	37.87 -0.11 -0.07	31.39 -0.22 -0.25	33.47 -0.20 -0.18	36.36 -0.18 -0.10	39.19 -0.08 -0.02	40.89 0.00 -0.08	38.37 0.26 -0.29	38.68 0.19 -0.20	36.28 0.14 -0.08	36.13 -0.04 -0.09	33.30 -0.17 -0.05	33.15 -0.17 -0.14	33.45 -0.20 -0.22	33.82 -0.13 -0.33	35.13 0.00 -0.64	39.33 0.38 -0.66	40.86 0.51 -0.89	37.91 0.51 -0.81	36.77 0.39 -0.81	35.25 0.27 -0.67	33.17 0.16 -0.55	32.21 0.03 -0.46	37.67 0.04 -0.17
CAITHNESS_CC_1 323624	43.80 2.99 -0.38	42.74 2.54 -2.29	41.10 1.95 -7.79	40.90 1.91 -5.50	41.64 2.19 -3.00	42.53 2.67 -0.61	46.36 3.02 -2.54	49.92 3.06 -9.05	47.79 3.22 -6.29	41.52 2.88 -2.58	42.83 2.85 -3.90	42.11 2.61 -6.09	43.16 2.52 -7.46	43.49 2.61 -7.44	47.18 2.62 -10.93	56.71 2.45 -19.77	69.75 2.87 -28.58	90.60 2.80 -48.34	79.48 2.67 -40.21	71.08 2.56 -32.95	65.97 2.33 -29.34	62.24 2.21 -27.57	54.48 2.19 -20.58	46.54 2.70 -6.37
CALPINE BETH_PAGE_GT4 24209	43.80 2.99 -0.38	42.78 2.58 -2.29	41.19 2.04 -7.79	41.04 2.04 -5.50	41.75 2.30 -3.00	42.53 2.67 -0.61	46.32 2.98 -2.54	49.89 3.02 -9.05	47.80 3.22 -6.30	41.59 2.96 -2.58	42.97 2.99 -3.91	42.25 2.74 -6.09	43.33 2.69 -7.46	43.62 2.74 -7.45	47.42 2.66 -11.13	56.92 2.66 -19.77	71.57 2.72 -30.56	95.58 2.72 -53.40	83.15 2.60 -43.95	72.94 2.53 -34.84	68.08 2.37 -31.41	64.88 2.27 -30.15	56.20 2.35 -22.13	46.98 2.85 -6.67
CALPINE_BETH_PAGE_GT_4 323586	43.80 2.99 -0.38	42.78 2.58 -2.29	41.19 2.04 -7.79	41.04 2.04 -5.50	41.75 2.30 -3.00	42.53 2.67 -0.61	46.32 2.98 -2.54	49.89 3.03 -9.05	47.80 3.22 -6.30	41.59 2.96 -2.58	42.97 2.99 -3.91	42.25 2.74 -6.09	43.33 2.69 -7.46	43.62 2.74 -7.45	47.42 2.66 -11.13	56.92 2.66 -19.77	71.57 2.72 -30.56	95.58 2.72 -53.40	83.11 2.56 -43.95	72.94 2.53 -34.84	68.08 2.37 -31.41	64.88 2.27 -30.15	56.20 2.35 -22.13	46.98 2.85 -6.67
CALPINE_BP_GT1 23823	43.80 2.99 -0.38	42.78 2.58 -2.29	41.19 2.04 -7.79	41.04 2.04 -5.50	41.75 2.30 -3.00	42.53 2.67 -0.61	46.32 2.98 -2.54	49.89 3.03 -9.05	47.80 3.22 -6.30	41.59 2.96 -2.58	42.97 2.99 -3.91	42.25 2.74 -6.09	43.33 2.69 -7.46	43.62 2.74 -7.45	47.42 2.66 -11.13	56.92 2.66 -19.77	71.57 2.72 -30.56	95.58 2.72 -53.40	83.11 2.56 -43.95	72.94 2.53 -34.84	68.08 2.37 -31.41	64.88 2.27 -30.15	56.20 2.35 -22.13	46.98 2.85 -6.67
CALSPAN___DRP 24200	37.69 -2.79 -0.05	35.52 -2.73 -0.34	30.29 -2.23 -1.15	31.93 -2.38 -0.81	34.41 -2.48 -0.44	36.36 -2.98 -0.09	37.73 -3.39 -0.31	35.54 -3.37 -1.09	35.64 -3.41 -0.76	32.90 -3.46 -0.32	32.93 -3.50 -0.36	30.50 -3.11 -0.19	30.54 -3.15 -0.51	31.07 -3.18 -0.81	31.65 -3.19 -1.22	33.59 -3.28 -2.38	37.28 -3.48 -2.47	39.37 -3.43 -3.34	36.27 -3.33 -3.01	35.44 -3.17 -3.04	33.70 -3.12 -2.52	31.57 -2.95 -2.06	30.68 -2.76 -1.72	35.53 -2.70 -0.76

CALVERTON___SOLAR 323806	43.92 3.11 -0.38	42.89 2.69 -2.29	41.19 2.04 -7.79	40.97 1.98 -5.50	41.75 2.30 -3.00	42.65 2.79 -0.61	46.53 3.18 -2.54	50.07 3.21 -9.05	47.95 3.37 -6.29	41.62 2.99 -2.58	42.90 2.92 -3.90	42.18 2.67 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.25 2.69 -10.93	56.81 2.55 -19.77	69.94 3.06 -28.59	90.77 2.96 -48.35	79.63 2.82 -40.22	71.19 2.67 -32.95	66.08 2.44 -29.34	62.34 2.30 -27.58	54.59 2.29 -20.58	46.61 2.77 -6.37
CANDIGU_WT_PWR 323617	38.52 -1.98 -0.08	36.45 -1.93 -0.47	31.39 -1.57 -1.60	32.95 -1.67 -1.13	35.28 -1.79 -0.62	37.29 -2.08 -0.13	39.05 -2.24 -0.49	37.57 -1.97 -1.73	37.38 -2.11 -1.20	34.34 -2.20 -0.50	34.33 -2.31 -0.57	31.57 -2.14 -0.29	31.84 -2.16 -0.81	32.62 -2.11 -1.29	33.51 -2.05 -1.93	36.20 -2.07 -3.78	40.04 -2.18 -3.93	42.68 -2.09 -5.31	39.36 -2.01 -4.78	38.41 -1.99 -4.83	36.38 -1.92 -4.00	33.88 -1.85 -3.28	32.61 -1.84 -2.73	36.58 -1.95 -1.06
CARR STREET_E_SYR 24060	39.93 -0.53 -0.03	37.65 -0.45 -0.20	31.65 -0.37 -0.66	33.56 -0.40 -0.47	36.23 -0.47 -0.26	38.79 -0.51 -0.05	40.45 -0.57 -0.22	37.98 -0.61 -0.77	38.09 -0.73 -0.54	35.58 -0.69 -0.22	35.68 -0.65 -0.25	32.95 -0.60 -0.13	32.98 -0.56 -0.36	33.51 -0.50 -0.57	34.02 -0.47 -0.86	35.69 -0.48 -1.68	39.47 -0.57 -1.75	41.23 -0.59 -2.37	38.18 -0.55 -2.13	37.22 -0.50 -2.15	35.61 -0.48 -1.78	33.46 -0.45 -1.46	32.46 -0.47 -1.22	37.38 -0.52 -0.44
CARTHAGE___PAPER 23857	39.19 -1.25 -0.02	36.91 -1.10 -0.10	30.61 -1.10 -0.35	32.63 -1.10 -0.25	35.45 -1.13 -0.13	38.18 -1.10 -0.03	39.94 -0.98 -0.11	37.65 -0.57 -0.41	37.84 -0.73 -0.28	35.37 -0.79 -0.12	35.12 -1.08 -0.13	32.25 -1.24 -0.07	32.11 -1.26 -0.19	32.40 -1.34 -0.30	32.80 -1.28 -0.45	34.24 -1.14 -0.89	38.60 -0.61 -0.92	40.35 -0.36 -1.25	37.54 -0.18 -1.12	36.38 -0.32 -1.14	34.76 -0.48 -0.94	32.64 -0.58 -0.77	31.63 -0.73 -0.64	36.80 -0.90 -0.23
CASSADAGA_WT_PWR 323784	37.17 -3.31 -0.06	35.12 -3.15 -0.35	29.99 -2.57 -1.20	31.56 -2.78 -0.85	33.89 -3.02 -0.46	35.77 -3.57 -0.09	37.26 -3.88 -0.33	35.27 -3.70 -1.16	35.30 -3.79 -0.81	32.42 -3.97 -0.34	32.31 -4.15 -0.38	29.78 -3.84 -0.20	29.78 -3.95 -0.55	30.32 -3.98 -0.87	30.92 -4.00 -1.30	32.99 -4.04 -2.53	36.67 -4.25 -2.63	38.91 -4.10 -3.56	35.77 -4.03 -3.20	34.93 -3.88 -3.23	33.25 -3.74 -2.68	31.08 -3.57 -2.19	30.22 -3.33 -1.83	34.89 -3.37 -0.80
CE_DUNWOOD___DRP 24194	43.10 2.30 -0.37	42.13 1.93 -2.29	40.80 1.66 -7.78	40.69 1.71 -5.49	41.30 1.86 -2.99	41.86 2.00 -0.61	45.61 2.29 -2.52	49.18 2.34 -9.02	47.12 2.57 -6.27	41.01 2.38 -2.58	42.40 2.42 -3.91	41.83 2.24 -6.17	42.92 2.22 -7.52	43.11 2.24 -7.44	45.90 2.19 -10.08	56.38 2.17 -19.72	61.22 2.41 -20.52	69.64 2.45 -27.74	63.83 2.27 -24.96	63.01 2.24 -25.20	57.23 2.06 -20.87	51.56 2.01 -17.09	47.89 1.93 -14.24	44.91 2.29 -5.16
CE_MILLWOOD___DRP 24193	43.02 2.22 -0.37	42.05 1.86 -2.28	40.74 1.63 -7.75	40.61 1.64 -5.47	41.26 1.82 -2.99	41.82 1.96 -0.61	45.52 2.20 -2.52	49.11 2.31 -9.00	47.03 2.49 -6.25	40.93 2.31 -2.57	42.35 2.34 -3.93	41.91 2.17 -6.31	42.94 2.16 -7.60	43.05 2.17 -7.44	45.80 2.12 -10.05	56.29 2.14 -19.66	61.12 2.37 -20.46	69.48 2.37 -27.65	63.71 2.23 -24.89	62.86 2.17 -25.12	57.13 2.02 -20.80	51.44 1.95 -17.04	47.82 1.90 -14.19	44.82 2.21 -5.14
CE_NYC2_DRP 24202	43.38 2.59 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.98 2.12 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.64 2.67 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	46.02 2.29 -10.10	56.49 2.24 -19.76	61.22 2.37 -20.56	69.61 2.37 -27.79	63.83 2.23 -25.01	63.05 2.24 -25.24	57.23 2.02 -20.90	51.65 2.08 -17.12	48.01 2.03 -14.26	45.18 2.55 -5.17
CE_NYC_DRP 24195	43.30 2.51 -0.37	42.29 2.08 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	42.02 2.16 -0.61	45.78 2.45 -2.53	49.38 2.53 -9.04	47.36 2.79 -6.28	41.30 2.67 -2.58	42.71 2.74 -3.90	42.01 2.51 -6.09	43.13 2.49 -7.46	43.41 2.54 -7.43	46.12 2.39 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.85 2.60 -27.79	64.05 2.45 -25.01	63.23 2.42 -25.24	57.40 2.20 -20.90	51.75 2.17 -17.12	48.11 2.13 -14.26	45.22 2.59 -5.17
CHAFFEE___LFGE 323603	37.69 -2.79 -0.06	35.57 -2.69 -0.35	30.33 -2.23 -1.19	31.96 -2.38 -0.84	34.43 -2.48 -0.46	36.40 -2.94 -0.09	37.78 -3.35 -0.32	35.70 -3.25 -1.15	35.83 -3.25 -0.80	33.06 -3.32 -0.33	33.06 -3.39 -0.38	30.61 -3.01 -0.20	30.70 -3.02 -0.54	31.21 -3.08 -0.85	31.85 -3.06 -1.28	33.82 -3.17 -2.50	37.52 -3.37 -2.60	39.73 -3.23 -3.51	36.57 -3.18 -3.16	35.73 -3.02 -3.19	33.96 -2.98 -2.64	31.77 -2.86 -2.16	30.86 -2.66 -1.80	35.60 -2.66 -0.79
CHATEAUG_35_KV_LOAD 355732	36.83 -3.60 0.00	35.03 -2.88 0.00	28.63 -2.73 0.00	30.65 -2.85 0.00	33.64 -2.81 0.00	36.42 -2.83 0.00	38.44 -2.37 0.00	36.22 -1.59 0.00	37.21 -1.07 0.00	35.07 -0.97 0.00	34.74 -1.33 0.00	31.82 -1.60 0.00	31.42 -1.76 0.00	31.43 -2.01 0.00	31.44 -2.19 0.00	32.11 -2.38 0.00	36.64 -1.65 0.00	37.44 -2.01 0.00	34.40 -2.20 0.00	32.79 -2.77 0.00	31.63 -2.68 0.00	29.41 -3.05 0.00	29.02 -2.70 0.00	34.58 -2.88 0.00
CHATEAUG_WT_PWR 323614	36.83 -3.60 0.00	35.02 -2.88 0.00	28.66 -2.70 0.00	30.64 -2.85 0.00	33.64 -2.81 0.00	36.46 -2.79 0.00	38.44 -2.37 0.00	36.22 -1.59 0.00	37.17 -1.11 0.00	35.04 -1.01 0.00	34.74 -1.33 0.00	31.82 -1.60 0.00	31.42 -1.76 0.00	31.46 -1.97 0.00	31.44 -2.19 0.00	32.21 -2.28 0.00	36.64 -1.65 0.00	37.48 -1.97 0.00	34.43 -2.16 0.00	32.79 -2.77 0.00	31.59 -2.71 0.00	29.41 -3.05 0.00	29.02 -2.70 0.00	34.58 -2.88 0.00
CHAT_HIGH_FALL_HYD 323578	36.83 -3.60 0.00	35.03 -2.88 0.00	28.63 -2.73 0.00	30.65 -2.85 0.00	33.64 -2.81 0.00	36.42 -2.83 0.00	38.44 -2.37 0.00	36.22 -1.59 0.00	37.21 -1.07 0.00	35.07 -0.97 0.00	34.74 -1.33 0.00	31.82 -1.60 0.00	31.42 -1.76 0.00	31.43 -2.01 0.00	31.44 -2.19 0.00	32.11 -2.38 0.00	36.64 -1.65 0.00	37.44 -2.01 0.00	34.40 -2.20 0.00	32.79 -2.77 0.00	31.63 -2.68 0.00	29.41 -3.05 0.00	29.02 -2.70 0.00	34.58 -2.88 0.00
CHAUTAUQUA___LFGE 323629	37.65 -2.83 -0.06	35.52 -2.73 -0.35	30.31 -2.23 -1.17	31.91 -2.41 -0.83	34.39 -2.51 -0.45	36.32 -3.02 -0.09	37.70 -3.43 -0.32	35.53 -3.40 -1.12	35.62 -3.45 -0.78	32.77 -3.60 -0.32	32.76 -3.68 -0.37	30.30 -3.31 -0.19	30.36 -3.35 -0.53	30.86 -3.41 -0.83	31.45 -3.43 -1.25	33.41 -3.52 -2.44	37.11 -3.71 -2.54	39.30 -3.59 -3.43	36.17 -3.51 -3.09	35.31 -3.38 -3.12	33.59 -3.29 -2.58	31.46 -3.12 -2.12	30.60 -2.89 -1.76	35.47 -2.77 -0.78
CHERRYST_13_KV_LD 356241	43.38 2.59 -0.37	42.40 2.20 -2.29	41.06 1.91 -7.79	40.93 1.94 -5.50	41.56 2.11 -3.00	42.10 2.24 -0.61	45.90 2.57 -2.53	49.50 2.65 -9.04	47.44 2.87 -6.28	41.41 2.78 -2.58	42.78 2.81 -3.90	42.11 2.61 -6.09	43.23 2.59 -7.46	43.51 2.64 -7.43	46.22 2.49 -10.10	56.73 2.48 -19.75	61.56 2.72 -20.56	69.97 2.72 -27.79	64.13 2.52 -25.01	63.30 2.49 -25.24	57.51 2.30 -20.90	51.82 2.24 -17.12	48.20 2.22 -14.26	45.29 2.66 -5.17

CHESTROR_138KV_BK263 355645	42.63 1.86 -0.35	41.61 1.55 -2.14	40.02 1.38 -7.28	40.04 1.41 -5.14	40.78 1.53 -2.80	41.51 1.69 -0.57	45.04 1.88 -2.36	48.18 1.93 -8.44	46.22 2.07 -5.87	40.37 1.91 -2.41	43.91 1.88 -5.97	51.98 1.74 -16.83	49.73 1.73 -14.83	43.87 1.77 -8.66	44.78 1.72 -9.43	54.70 1.76 -18.45	59.48 1.99 -19.20	67.42 2.01 -25.96	61.85 1.90 -23.36	60.99 1.85 -23.58	55.54 1.72 -19.52	50.10 1.66 -15.99	46.63 1.59 -13.32	44.17 1.87 -4.83
CH_MIDHUDSON___DRP 24192	42.94 2.14 -0.38	42.05 1.82 -2.33	40.82 1.57 -7.89	40.67 1.61 -5.58	41.28 1.79 -3.04	41.79 1.92 -0.62	45.53 2.16 -2.56	49.17 2.19 -9.16	47.03 2.37 -6.37	40.79 2.13 -2.62	41.98 2.13 -3.78	40.73 1.94 -5.37	42.10 1.92 -7.00	42.82 1.97 -7.41	45.82 1.95 -10.24	56.55 2.03 -20.02	61.38 2.26 -20.84	69.91 2.29 -28.17	64.10 2.16 -25.35	63.25 2.10 -25.58	57.45 1.96 -21.19	51.69 1.88 -17.35	48.02 1.84 -14.46	44.88 2.17 -5.24
CH_MISC_IPPS 23765	43.14 2.34 -0.37	42.21 2.01 -2.29	40.87 1.72 -7.79	40.77 1.77 -5.50	41.45 2.00 -3.00	42.02 2.16 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.17 2.60 -6.28	40.94 2.31 -2.58	42.23 2.31 -3.84	41.33 2.07 -5.83	42.52 2.06 -7.28	42.97 2.14 -7.40	45.85 2.12 -10.10	56.48 2.24 -19.75	61.37 2.53 -20.56	69.77 2.53 -27.79	64.01 2.41 -25.01	63.15 2.35 -25.24	57.41 2.20 -20.90	51.66 2.08 -17.12	48.01 2.03 -14.26	44.99 2.36 -5.17
CH_RES_BVR_FALLS 23983	38.49 -1.94 0.00	36.28 -1.63 0.00	29.89 -1.47 0.00	31.92 -1.57 0.00	34.85 -1.60 0.00	37.60 -1.65 0.00	39.34 -1.47 0.00	36.75 -1.06 0.00	37.41 -0.88 0.00	35.29 -0.76 0.00	35.17 -0.90 0.00	32.42 -1.00 0.00	32.09 -1.09 0.00	32.20 -1.24 0.00	32.25 -1.38 0.00	33.01 -1.48 0.00	37.03 -1.26 0.00	38.04 -1.42 0.00	35.17 -1.43 0.00	33.90 -1.67 0.00	32.73 -1.58 0.00	30.74 -1.72 0.00	30.20 -1.52 0.00	35.78 -1.69 0.00
CH_RES_NIAGARA 23895	37.20 -3.27 -0.05	35.08 -3.15 -0.31	29.86 -2.57 -1.07	31.50 -2.75 -0.75	33.98 -2.88 -0.41	35.96 -3.38 -0.08	37.12 -3.96 -0.27	34.46 -4.31 -0.96	34.59 -4.36 -0.67	31.97 -4.36 -0.28	31.99 -4.40 -0.32	29.81 -3.78 -0.17	29.82 -3.82 -0.45	30.11 -4.05 -0.72	30.63 -4.07 -1.08	32.38 -4.21 -2.10	35.88 -4.59 -2.18	37.79 -4.62 -2.95	34.78 -4.46 -2.65	34.05 -4.20 -2.68	32.41 -4.12 -2.22	30.54 -3.73 -1.82	29.81 -3.43 -1.52	35.03 -3.15 -0.71
CH_RES_SYRACUSE 23985	40.18 -0.28 -0.04	37.90 -0.23 -0.22	31.91 -0.19 -0.74	33.85 -0.17 -0.52	36.48 -0.25 -0.28	39.03 -0.27 -0.06	40.72 -0.33 -0.24	38.33 -0.34 -0.86	38.46 -0.42 -0.60	35.86 -0.43 -0.25	35.96 -0.40 -0.28	33.20 -0.37 -0.14	33.28 -0.30 -0.40	33.84 -0.23 -0.64	34.35 -0.23 -0.96	36.16 -0.21 -1.87	39.93 -0.31 -1.95	41.82 -0.27 -2.64	38.71 -0.25 -2.37	37.72 -0.25 -2.40	36.08 -0.20 -1.98	33.86 -0.23 -1.62	32.82 -0.25 -1.35	37.66 -0.30 -0.49
CLINTON_WT_PWR 323605	36.83 -3.60 0.00	35.02 -2.88 0.00	28.66 -2.70 0.00	30.64 -2.85 0.00	33.64 -2.81 0.00	36.46 -2.79 0.00	38.44 -2.37 0.00	36.22 -1.59 0.00	37.17 -1.11 0.00	35.04 -1.01 0.00	34.74 -1.33 0.00	31.82 -1.60 0.00	31.42 -1.76 0.00	31.46 -1.97 0.00	31.44 -2.19 0.00	32.21 -2.28 0.00	36.64 -1.65 0.00	37.48 -1.97 0.00	34.43 -2.16 0.00	32.79 -2.77 0.00	31.59 -2.71 0.00	29.41 -3.05 0.00	29.02 -2.70 0.00	34.58 -2.88 0.00
CLINTON___LFGE 323618	37.31 -3.11 0.00	35.52 -2.39 0.00	29.04 -2.32 0.00	31.05 -2.44 0.00	34.12 -2.33 0.00	36.97 -2.28 0.00	39.01 -1.79 0.00	36.83 -0.98 0.00	37.86 -0.42 0.00	35.65 -0.40 0.00	35.31 -0.76 0.00	32.32 -1.10 0.00	31.89 -1.29 0.00	31.93 -1.50 0.00	31.95 -1.68 0.00	32.70 -1.79 0.00	37.33 -0.96 0.00	38.19 -1.26 0.00	35.06 -1.54 0.00	33.40 -2.17 0.00	32.21 -2.09 0.00	29.89 -2.56 0.00	29.50 -2.22 0.00	35.11 -2.36 0.00
COBBLENY_34_KV_TB1 80064	37.69 -2.79 -0.06	35.57 -2.69 -0.35	30.33 -2.23 -1.19	31.95 -2.38 -0.84	34.43 -2.48 -0.46	36.40 -2.94 -0.09	37.78 -3.35 -0.32	35.70 -3.25 -1.15	35.83 -3.25 -0.80	33.06 -3.32 -0.33	33.06 -3.39 -0.38	30.61 -3.01 -0.20	30.70 -3.02 -0.54	31.21 -3.08 -0.85	31.85 -3.06 -1.28	33.81 -3.17 -2.50	37.56 -3.33 -2.60	39.77 -3.20 -3.51	36.61 -3.15 -3.16	35.73 -3.02 -3.19	33.96 -2.98 -2.64	31.80 -2.82 -2.16	30.86 -2.66 -1.80	35.60 -2.66 -0.79
COFFEEN___115KV_TB3 355620	39.72 -0.73 -0.02	37.38 -0.64 -0.12	31.03 -0.72 -0.39	33.07 -0.70 -0.28	35.87 -0.73 -0.15	38.65 -0.63 -0.03	40.36 -0.57 -0.13	38.08 -0.19 -0.46	38.14 -0.46 -0.32	35.60 -0.58 -0.13	35.36 -0.87 -0.15	32.46 -1.04 -0.08	32.37 -1.03 -0.21	32.71 -1.07 -0.34	33.16 -0.98 -0.51	34.77 -0.72 -1.00	39.21 -0.11 -1.04	41.10 0.24 -1.41	38.23 0.37 -1.27	37.13 0.28 -1.28	35.47 0.10 -1.06	33.33 0.00 -0.87	32.16 -0.29 -0.72	37.32 -0.41 -0.26
COLDSPRG_115KV_BK1 355956	37.66 -2.83 -0.06	35.51 -2.77 -0.37	30.35 -2.26 -1.25	31.93 -2.44 -0.88	34.38 -2.55 -0.48	36.25 -3.10 -0.10	37.89 -3.26 -0.35	36.24 -2.80 -1.23	36.31 -2.83 -0.85	33.45 -2.96 -0.35	33.37 -3.10 -0.40	30.72 -2.91 -0.21	30.77 -2.99 -0.58	31.41 -2.94 -0.92	32.04 -2.96 -1.37	34.20 -2.97 -2.68	38.01 -3.06 -2.78	40.38 -2.84 -3.76	37.16 -2.82 -3.39	36.21 -2.77 -3.42	34.39 -2.74 -2.83	32.08 -2.69 -2.32	31.02 -2.63 -1.93	35.45 -2.85 -0.83
COLONIE_LFGE___ 323577	42.49 1.62 -0.45	42.22 1.55 -2.76	41.98 1.26 -9.37	41.48 1.37 -6.61	41.52 1.46 -3.61	41.56 1.57 -0.74	45.48 1.63 -3.04	50.24 1.55 -10.88	47.45 1.61 -7.56	40.67 1.51 -3.11	41.44 1.51 -3.86	38.16 1.40 -3.33	40.73 1.39 -6.16	43.17 1.40 -8.33	47.23 1.45 -12.15	59.74 1.48 -23.77	64.71 1.68 -24.74	74.63 1.73 -33.44	68.29 1.61 -30.09	67.47 1.53 -30.37	60.93 1.47 -25.15	54.45 1.39 -20.60	50.24 1.36 -17.16	45.21 1.54 -6.21
COOPERNY_115KV_TB1 80082	41.69 1.01 -0.25	40.29 0.83 -1.55	37.34 0.72 -5.26	37.94 0.74 -3.72	39.31 0.84 -2.03	40.57 0.90 -0.41	43.53 1.02 -1.71	45.01 1.10 -6.10	43.68 1.15 -4.24	38.87 1.08 -1.74	38.05 1.05 -0.93	30.35 0.97 4.04	33.43 0.96 0.71	38.17 0.97 -3.77	41.42 0.98 -6.82	48.79 0.97 -13.34	53.28 1.11 -13.88	59.36 1.14 -18.76	54.54 1.06 -16.88	53.64 1.03 -17.04	49.38 0.96 -14.11	44.96 0.94 -11.56	42.24 0.89 -9.63	42.01 1.05 -3.49
COPENHAGEN_WT_PWR 323753	39.44 -1.01 -0.02	37.16 -0.87 -0.12	30.89 -0.88 -0.41	32.88 -0.90 -0.29	35.66 -0.95 -0.16	38.38 -0.90 -0.03	40.08 -0.86 -0.13	37.75 -0.53 -0.47	37.88 -0.73 -0.33	35.39 -0.79 -0.13	35.18 -1.05 -0.15	32.36 -1.14 -0.08	32.27 -1.13 -0.22	32.62 -1.17 -0.35	33.05 -1.11 -0.53	34.59 -0.93 -1.03	38.86 -0.50 -1.07	40.67 -0.24 -1.45	37.83 -0.07 -1.30	36.71 -0.18 -1.32	35.09 -0.31 -1.09	32.99 -0.36 -0.89	31.89 -0.57 -0.74	37.02 -0.71 -0.27
CORNELL_____ 23752	40.99 0.49 -0.08	38.85 0.45 -0.48	33.35 0.34 -1.64	35.05 0.40 -1.16	37.48 0.40 -0.63	39.81 0.43 -0.13	41.78 0.45 -0.52	40.32 0.64 -1.87	40.04 0.46 -1.30	36.91 0.32 -0.54	36.97 0.29 -0.61	33.93 0.20 -0.31	34.29 0.23 -0.88	35.13 0.30 -1.39	36.12 0.40 -2.09	39.09 0.52 -4.09	43.23 0.69 -4.25	46.03 0.83 -5.75	42.54 0.77 -5.17	41.50 0.71 -5.22	39.28 0.65 -4.32	36.58 0.58 -3.54	35.11 0.44 -2.95	39.12 0.56 -1.09

CORONA_69_KV_TB1 355595	43.76 2.95 -0.39	42.78 2.58 -2.29	41.19 2.04 -7.79	41.04 2.04 -5.50	41.75 2.30 -3.00	42.53 2.67 -0.61	46.29 2.94 -2.54	49.86 2.99 -9.06	47.72 3.14 -6.30	41.55 2.92 -2.58	42.94 2.96 -3.91	42.22 2.71 -6.09	43.30 2.65 -7.47	43.59 2.71 -7.45	47.80 2.59 -11.58	56.92 2.66 -19.77	76.04 2.79 -34.95	106.95 2.84 -64.65	91.54 2.67 -52.28	77.22 2.60 -39.06	72.80 2.47 -36.02	70.70 2.37 -35.87	59.65 2.35 -25.59	47.60 2.81 -7.33
CORTLAND_115KV_TB3 80093	40.69 0.20 -0.06	38.49 0.19 -0.39	32.85 0.16 -1.33	34.60 0.17 -0.94	37.11 0.15 -0.51	39.51 0.16 -0.10	41.40 0.16 -0.43	39.60 0.26 -1.53	39.50 0.15 -1.06	36.56 0.07 -0.44	36.64 0.07 -0.50	33.71 0.03 -0.25	33.96 0.07 -0.71	34.67 0.10 -1.14	35.50 0.17 -1.70	38.07 0.24 -3.33	42.06 0.31 -3.47	44.54 0.39 -4.69	41.18 0.37 -4.22	40.15 0.32 -4.26	38.14 0.31 -3.53	35.61 0.26 -2.89	34.32 0.19 -2.41	38.57 0.22 -0.88
COXSACKIE___GT 23611	42.46 1.62 -0.42	42.29 1.78 -2.60	41.59 1.41 -8.82	41.29 1.57 -6.23	41.67 1.82 -3.40	41.94 2.00 -0.69	45.51 1.84 -2.86	49.64 1.59 -10.24	46.94 1.53 -7.12	40.02 1.05 -2.93	40.70 0.90 -3.73	37.73 0.70 -3.61	40.04 0.73 -6.13	42.09 0.73 -7.92	45.98 0.91 -11.44	58.11 1.24 -22.38	63.30 1.72 -23.29	72.95 2.01 -31.48	66.90 1.97 -28.33	66.04 1.88 -28.59	59.73 1.75 -23.68	53.38 1.53 -19.39	49.33 1.46 -16.16	44.89 1.57 -5.85
CPV_VALLEY___CC1 323721	41.48 0.81 -0.24	40.05 0.64 -1.50	37.02 0.57 -5.10	37.66 0.57 -3.60	39.07 0.66 -1.96	40.36 0.71 -0.40	43.27 0.82 -1.65	44.63 0.91 -5.91	43.39 0.99 -4.11	38.64 0.90 -1.69	37.68 0.86 -0.75	29.56 0.80 4.66	32.76 0.80 1.22	37.80 0.84 -3.53	41.04 0.81 -6.61	48.20 0.79 -12.92	52.61 0.88 -13.45	58.54 0.91 -18.17	53.79 0.84 -16.36	52.90 0.82 -16.51	48.73 0.75 -13.67	44.43 0.78 -11.20	41.78 0.73 -9.33	41.71 0.86 -3.38
CPV_VALLEY___CC2 323722	41.48 0.81 -0.24	40.05 0.64 -1.50	37.02 0.57 -5.10	37.66 0.57 -3.60	39.07 0.66 -1.96	40.36 0.71 -0.40	43.27 0.82 -1.65	44.63 0.91 -5.91	43.39 0.99 -4.11	38.64 0.90 -1.69	37.68 0.86 -0.75	29.56 0.80 4.66	32.76 0.80 1.22	37.80 0.84 -3.53	41.04 0.81 -6.61	48.20 0.79 -12.92	52.61 0.88 -13.45	58.54 0.91 -18.17	53.79 0.84 -16.36	52.90 0.82 -16.51	48.73 0.75 -13.67	44.43 0.78 -11.20	41.78 0.73 -9.33	41.71 0.86 -3.38
CRESCENT___HYD 24018	42.49 1.62 -0.45	42.22 1.55 -2.76	41.98 1.26 -9.37	41.48 1.37 -6.61	41.52 1.46 -3.61	41.56 1.57 -0.74	45.48 1.63 -3.04	50.24 1.55 -10.88	47.45 1.61 -7.56	40.67 1.51 -3.11	41.44 1.51 -3.86	38.16 1.40 -3.33	40.73 1.39 -6.16	43.17 1.40 -8.33	47.23 1.45 -12.15	59.74 1.48 -23.77	64.71 1.68 -24.74	74.63 1.73 -33.44	68.29 1.61 -30.09	67.47 1.53 -30.37	60.93 1.47 -25.15	54.45 1.39 -20.60	50.24 1.36 -17.16	45.21 1.54 -6.21
CRICKET___VALLEY_CC1 323756	42.63 1.82 -0.39	41.89 1.59 -2.39	40.89 1.41 -8.11	40.66 1.44 -5.73	41.14 1.57 -3.12	41.57 1.69 -0.64	45.28 1.84 -2.63	49.12 1.89 -9.42	46.82 1.99 -6.55	40.61 1.87 -2.69	41.67 1.84 -3.76	40.04 1.70 -4.92	41.64 1.69 -6.76	42.67 1.70 -7.53	45.83 1.68 -10.52	56.79 1.72 -20.58	61.65 1.95 -21.41	70.33 1.93 -28.95	64.47 1.83 -26.05	63.64 1.78 -26.29	57.76 1.68 -21.77	51.91 1.62 -17.83	48.16 1.59 -14.86	44.76 1.91 -5.38
CRICKET___VALLEY_CC2 323757	42.63 1.82 -0.39	41.89 1.59 -2.39	40.89 1.41 -8.11	40.66 1.44 -5.73	41.14 1.57 -3.12	41.57 1.69 -0.64	45.28 1.84 -2.63	49.12 1.89 -9.42	46.82 1.99 -6.55	40.61 1.87 -2.69	41.67 1.84 -3.76	40.04 1.70 -4.92	41.64 1.69 -6.76	42.67 1.70 -7.53	45.83 1.68 -10.52	56.79 1.72 -20.58	61.65 1.95 -21.41	70.33 1.93 -28.95	64.47 1.83 -26.05	63.64 1.78 -26.29	57.76 1.68 -21.77	51.91 1.62 -17.83	48.16 1.59 -14.86	44.76 1.91 -5.38
CRICKET___VALLEY_CC3 323758	42.63 1.82 -0.39	41.89 1.59 -2.39	40.89 1.41 -8.11	40.66 1.44 -5.73	41.14 1.57 -3.12	41.57 1.69 -0.64	45.28 1.84 -2.63	49.12 1.89 -9.42	46.82 1.99 -6.55	40.61 1.87 -2.69	41.67 1.84 -3.76	40.04 1.70 -4.92	41.64 1.69 -6.76	42.67 1.70 -7.53	45.83 1.68 -10.52	56.79 1.72 -20.58	61.65 1.95 -21.41	70.33 1.93 -28.95	64.47 1.83 -26.05	63.64 1.78 -26.29	57.76 1.68 -21.77	51.91 1.62 -17.83	48.16 1.59 -14.86	44.76 1.91 -5.38
CRUCIBLE_METL_DRP 24180	40.18 -0.28 -0.04	37.90 -0.23 -0.22	31.91 -0.19 -0.74	33.85 -0.17 -0.52	36.48 -0.26 -0.28	39.03 -0.27 -0.06	40.72 -0.33 -0.24	38.33 -0.34 -0.86	38.46 -0.42 -0.60	35.86 -0.43 -0.25	35.96 -0.40 -0.28	33.20 -0.37 -0.14	33.28 -0.30 -0.40	33.84 -0.23 -0.64	34.35 -0.24 -0.96	36.16 -0.21 -1.87	39.93 -0.31 -1.95	41.82 -0.28 -2.64	38.71 -0.26 -2.37	37.71 -0.25 -2.40	36.08 -0.21 -1.98	33.86 -0.23 -1.62	32.82 -0.25 -1.35	37.66 -0.30 -0.49
DAHOWA___HYDRO 323763	43.10 2.22 -0.45	42.90 2.20 -2.80	42.52 1.66 -9.49	42.10 1.91 -6.70	42.15 2.04 -3.66	42.19 2.20 -0.75	46.25 2.37 -3.08	51.10 2.27 -11.03	48.25 2.30 -7.66	41.29 2.09 -3.15	42.01 2.06 -3.88	38.52 1.84 -3.26	41.23 1.89 -6.16	43.77 1.90 -8.43	48.00 2.05 -12.32	60.72 2.14 -24.09	65.77 2.41 -25.07	75.95 2.60 -33.89	69.47 2.38 -30.50	68.63 2.28 -30.78	62.00 2.20 -25.50	55.32 1.98 -20.88	51.02 1.90 -17.39	45.93 2.17 -6.30
DANC___LFGE 323619	39.52 -0.93 -0.02	37.21 -0.83 -0.14	31.05 -0.78 -0.47	33.06 -0.77 -0.33	35.79 -0.84 -0.18	38.46 -0.83 -0.04	40.10 -0.86 -0.15	37.68 -0.68 -0.55	37.82 -0.84 -0.38	35.38 -0.83 -0.16	35.28 -0.97 -0.18	32.47 -1.04 -0.09	32.41 -1.03 -0.26	32.81 -1.04 -0.41	33.26 -0.98 -0.61	34.79 -0.90 -1.19	38.88 -0.65 -1.24	40.62 -0.51 -1.68	37.74 -0.37 -1.51	36.67 -0.43 -1.53	35.12 -0.45 -1.26	33.04 -0.45 -1.04	31.98 -0.60 -0.86	37.03 -0.75 -0.31
DANSKAMMER___1 23586	43.14 2.34 -0.37	42.21 2.01 -2.29	40.87 1.72 -7.79	40.77 1.77 -5.50	41.45 2.00 -3.00	42.02 2.16 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.17 2.60 -6.28	40.94 2.31 -2.58	42.23 2.31 -3.84	41.33 2.07 -5.83	42.52 2.06 -7.28	42.97 2.14 -7.40	45.85 2.12 -10.10	56.48 2.24 -19.75	61.37 2.53 -20.56	69.77 2.53 -27.79	64.01 2.41 -25.01	63.15 2.35 -25.24	57.41 2.20 -20.90	51.66 2.08 -17.12	48.01 2.03 -14.26	44.99 2.36 -5.17
DANSKAMMER___2 23589	43.14 2.34 -0.37	42.21 2.01 -2.29	40.87 1.72 -7.79	40.77 1.77 -5.50	41.45 2.00 -3.00	42.02 2.16 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.17 2.60 -6.28	40.94 2.31 -2.58	42.23 2.31 -3.84	41.33 2.07 -5.83	42.52 2.06 -7.28	42.97 2.14 -7.40	45.85 2.12 -10.10	56.48 2.24 -19.75	61.37 2.53 -20.56	69.77 2.53 -27.79	64.01 2.41 -25.01	63.15 2.35 -25.24	57.41 2.20 -20.90	51.66 2.08 -17.12	48.01 2.03 -14.26	44.99 2.36 -5.17
DANSKAMMER___3 23590	43.14 2.34 -0.37	42.21 2.01 -2.29	40.87 1.72 -7.79	40.77 1.77 -5.50	41.45 2.00 -3.00	42.02 2.16 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.17 2.60 -6.28	40.94 2.31 -2.58	42.23 2.31 -3.84	41.33 2.07 -5.83	42.52 2.06 -7.28	42.97 2.14 -7.40	45.85 2.12 -10.10	56.48 2.24 -19.75	61.37 2.53 -20.56	69.77 2.53 -27.79	64.01 2.41 -25.01	63.15 2.35 -25.24	57.41 2.20 -20.90	51.66 2.08 -17.12	48.01 2.03 -14.26	44.99 2.36 -5.17

DANSKAMMER___4 23591	43.14 2.34 -0.37	42.21 2.01 -2.29	40.87 1.72 -7.79	40.77 1.77 -5.50	41.45 2.00 -3.00	42.02 2.16 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.17 2.60 -6.28	40.94 2.31 -2.58	42.23 2.31 -3.84	41.33 2.07 -5.83	42.52 2.06 -7.28	42.97 2.14 -7.40	45.85 2.12 -10.10	56.48 2.24 -19.75	61.37 2.53 -20.56	69.77 2.53 -27.79	64.01 2.41 -25.01	63.15 2.35 -25.24	57.41 2.20 -20.90	51.66 2.08 -17.12	48.01 2.03 -14.26	44.99 2.36 -5.17
DANSKAMMER___DIESEL 23592	43.14 2.34 -0.37	42.21 2.01 -2.29	40.87 1.72 -7.79	40.77 1.78 -5.50	41.45 2.00 -3.00	42.02 2.16 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.17 2.60 -6.28	40.94 2.31 -2.58	42.23 2.31 -3.84	41.33 2.07 -5.83	42.52 2.06 -7.28	42.97 2.14 -7.40	45.85 2.12 -10.10	56.49 2.24 -19.75	61.37 2.53 -20.56	69.81 2.56 -27.79	64.01 2.42 -25.01	63.16 2.35 -25.24	57.40 2.20 -20.90	51.65 2.08 -17.12	48.01 2.03 -14.26	44.99 2.36 -5.17
DARBY___SOLAR 323810	42.98 2.10 -0.45	42.74 2.05 -2.79	42.40 1.57 -9.48	41.96 1.77 -6.69	42.03 1.93 -3.65	42.03 2.04 -0.75	46.08 2.20 -3.08	50.93 2.12 -11.00	48.08 2.14 -7.65	41.17 1.98 -3.14	41.90 1.95 -3.88	38.46 1.77 -3.27	41.16 1.82 -6.16	43.65 1.80 -8.41	47.87 1.95 -12.30	60.54 2.00 -24.05	65.57 2.26 -25.02	75.73 2.45 -33.83	69.23 2.20 -30.44	68.43 2.13 -30.73	61.77 2.02 -25.45	55.15 1.85 -20.84	50.89 1.81 -17.36	45.81 2.06 -6.28
DASHVILLE___HYD 23610	42.26 1.46 -0.38	41.27 1.02 -2.34	40.27 0.97 -7.94	40.04 0.94 -5.61	40.56 1.06 -3.06	41.05 1.18 -0.62	44.81 1.43 -2.58	48.58 1.55 -9.21	46.41 1.72 -6.41	40.20 1.51 -2.63	41.16 1.52 -3.57	39.03 1.34 -4.27	40.75 1.33 -6.24	42.12 1.40 -7.28	45.27 1.35 -10.30	56.04 1.41 -20.14	60.85 1.61 -20.96	69.36 1.58 -28.33	63.62 1.54 -25.49	62.79 1.49 -25.73	56.99 1.37 -21.31	51.24 1.33 -17.45	47.53 1.27 -14.54	44.23 1.50 -5.27
DEERFIELD_69_KV_DEERFIELD LD 355887	44.08 3.27 -0.38	43.01 2.81 -2.29	41.25 2.10 -7.79	41.07 2.08 -5.50	41.86 2.41 -3.00	42.80 2.94 -0.61	46.69 3.35 -2.54	50.30 3.44 -9.05	48.22 3.64 -6.29	41.84 3.21 -2.58	43.04 3.07 -3.90	42.35 2.84 -6.09	43.40 2.75 -7.46	43.69 2.81 -7.44	47.38 2.82 -10.93	56.95 2.69 -19.77	70.10 3.22 -28.59	90.93 3.12 -48.36	79.78 2.96 -40.23	71.33 2.81 -32.95	66.19 2.54 -29.34	62.41 2.37 -27.58	54.62 2.32 -20.58	46.80 2.96 -6.37
DELAWARE___LFGE 323621	41.67 1.09 -0.15	39.76 0.91 -0.94	35.30 0.75 -3.18	36.54 0.80 -2.25	38.55 0.87 -1.23	40.48 0.98 -0.25	42.89 1.06 -1.03	42.66 1.17 -3.68	42.07 1.23 -2.56	38.22 1.12 -1.05	38.18 1.08 -1.03	34.19 0.97 0.20	35.32 1.00 -1.15	37.08 1.04 -2.61	38.81 1.08 -4.11	43.66 1.14 -8.03	47.99 1.34 -8.36	52.14 1.38 -11.30	48.05 1.28 -10.17	47.08 1.24 -10.27	43.94 1.13 -8.50	40.52 1.10 -6.96	38.50 0.98 -5.80	40.70 1.12 -2.11
DERFIELD_115KV_TB7 355931	40.47 0.04 0.00	37.95 0.04 0.00	31.36 0.00 0.00	33.49 0.00 0.00	36.49 0.04 0.00	39.29 0.04 0.00	40.85 0.04 0.00	37.89 0.08 0.00	38.36 0.08 0.00	36.16 0.11 0.00	36.14 0.07 0.00	33.49 0.07 0.00	33.25 0.07 0.00	33.47 0.03 0.00	33.66 0.03 0.00	34.52 0.03 0.00	38.36 0.08 0.00	39.53 0.08 0.00	36.63 0.04 0.00	35.60 0.04 0.00	34.34 0.03 0.00	32.49 0.03 0.00	31.75 0.03 0.00	37.50 0.04 0.00
DOGLEVILLE___HYD 23807	41.15 0.73 0.00	38.59 0.68 0.00	31.86 0.50 0.00	34.06 0.57 0.00	37.11 0.66 0.00	40.03 0.78 0.00	41.54 0.74 0.00	38.57 0.76 0.00	39.05 0.77 0.00	36.81 0.76 0.00	36.76 0.68 0.00	34.05 0.63 0.00	33.84 0.66 0.00	34.10 0.67 0.00	34.34 0.71 0.00	35.25 0.76 0.00	39.13 0.84 0.00	40.32 0.87 0.00	37.36 0.77 0.00	36.32 0.75 0.00	34.95 0.65 0.00	33.11 0.65 0.00	32.32 0.60 0.00	38.22 0.75 0.00
DUNKIRK___115KV_TB_200 55889	37.73 -2.75 -0.06	35.60 -2.65 -0.34	30.34 -2.20 -1.17	31.97 -2.34 -0.83	34.42 -2.48 -0.45	36.36 -2.98 -0.09	37.78 -3.35 -0.32	35.56 -3.37 -1.12	35.65 -3.41 -0.78	32.84 -3.53 -0.32	32.83 -3.61 -0.37	30.37 -3.24 -0.19	30.42 -3.28 -0.52	30.89 -3.38 -0.83	31.51 -3.36 -1.25	33.47 -3.45 -2.43	37.18 -3.64 -2.53	39.36 -3.51 -3.42	36.23 -3.44 -3.08	35.37 -3.31 -3.10	33.65 -3.22 -2.57	31.51 -3.05 -2.11	30.65 -2.82 -1.76	35.51 -2.74 -0.78
DUNKIRK___1 23563	37.73 -2.75 -0.06	35.60 -2.65 -0.34	30.34 -2.20 -1.17	31.97 -2.34 -0.83	34.42 -2.48 -0.45	36.36 -2.98 -0.09	37.78 -3.35 -0.32	35.56 -3.37 -1.12	35.65 -3.41 -0.78	32.84 -3.53 -0.32	32.83 -3.61 -0.37	30.37 -3.24 -0.19	30.42 -3.28 -0.52	30.89 -3.38 -0.83	31.51 -3.36 -1.25	33.47 -3.45 -2.43	37.18 -3.64 -2.53	39.36 -3.51 -3.42	36.23 -3.44 -3.08	35.37 -3.31 -3.10	33.65 -3.22 -2.57	31.51 -3.05 -2.11	30.65 -2.82 -1.76	35.51 -2.74 -0.78
DUNKIRK___2 23564	37.73 -2.75 -0.06	35.60 -2.65 -0.34	30.34 -2.20 -1.17	31.97 -2.34 -0.83	34.42 -2.48 -0.45	36.36 -2.98 -0.09	37.78 -3.35 -0.32	35.56 -3.37 -1.12	35.65 -3.41 -0.78	32.84 -3.53 -0.32	32.83 -3.61 -0.37	30.37 -3.24 -0.19	30.42 -3.28 -0.52	30.89 -3.38 -0.83	31.51 -3.36 -1.25	33.47 -3.45 -2.43	37.18 -3.64 -2.53	39.36 -3.51 -3.42	36.23 -3.44 -3.08	35.37 -3.31 -3.10	33.65 -3.22 -2.57	31.51 -3.05 -2.11	30.65 -2.82 -1.76	35.51 -2.74 -0.78
DUNKIRK___3 23565	37.65 -2.83 -0.06	35.52 -2.73 -0.34	30.29 -2.23 -1.16	31.90 -2.41 -0.82	34.38 -2.51 -0.45	36.32 -3.02 -0.09	37.73 -3.39 -0.31	35.54 -3.37 -1.10	35.64 -3.41 -0.76	32.83 -3.53 -0.32	32.83 -3.61 -0.36	30.40 -3.21 -0.19	30.45 -3.25 -0.52	30.94 -3.31 -0.82	31.52 -3.33 -1.23	33.47 -3.41 -2.39	37.18 -3.60 -2.49	39.35 -3.47 -3.36	36.22 -3.40 -3.03	35.35 -3.27 -3.05	33.61 -3.22 -2.53	31.51 -3.02 -2.07	30.62 -2.82 -1.73	35.46 -2.77 -0.77
DUNKIRK___4 23566	37.65 -2.83 -0.06	35.52 -2.73 -0.34	30.29 -2.23 -1.16	31.90 -2.41 -0.82	34.38 -2.51 -0.45	36.32 -3.02 -0.09	37.73 -3.39 -0.31	35.54 -3.37 -1.10	35.64 -3.41 -0.76	32.83 -3.53 -0.32	32.83 -3.61 -0.36	30.40 -3.21 -0.19	30.45 -3.25 -0.52	30.94 -3.31 -0.82	31.52 -3.33 -1.23	33.47 -3.41 -2.39	37.18 -3.60 -2.49	39.35 -3.47 -3.36	36.22 -3.40 -3.03	35.35 -3.27 -3.05	33.61 -3.22 -2.53	31.51 -3.02 -2.07	30.62 -2.82 -1.73	35.46 -2.77 -0.77
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.14 2.34 -0.37	42.17 1.97 -2.29	40.87 1.72 -7.79	40.73 1.74 -5.50	41.38 1.93 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.12 2.49 -2.58	42.49 2.53 -3.90	41.85 2.34 -6.09	42.96 2.32 -7.46	43.21 2.34 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.75	61.33 2.49 -20.56	69.77 2.53 -27.79	63.98 2.38 -25.01	63.12 2.31 -25.24	57.34 2.13 -20.90	51.65 2.08 -17.12	47.98 2.00 -14.26	45.03 2.40 -5.17
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.93 2.14 -0.36	41.97 1.82 -2.24	40.53 1.57 -7.60	40.47 1.61 -5.37	41.16 1.79 -2.93	41.77 1.92 -0.60	45.44 2.16 -2.47	48.87 2.23 -8.83	46.83 2.41 -6.14	40.70 2.13 -2.52	42.18 2.13 -3.98	42.08 1.90 -6.76	42.96 1.92 -7.86	42.79 1.97 -7.39	45.44 1.95 -9.86	55.81 2.03 -19.29	60.66 2.30 -20.07	68.92 2.33 -27.13	63.20 2.20 -24.42	62.35 2.13 -24.64	56.70 1.99 -20.41	51.09 1.92 -16.71	47.48 1.84 -13.92	44.68 2.17 -5.04

E179THST_138_KV_TB4_REV_LBMP_J 345001	43.42 2.63 -0.37	42.40 2.20 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.82 1.96 -0.61	45.54 2.20 -2.53	49.16 2.31 -9.04	47.10 2.53 -6.28	41.08 2.45 -2.58	42.46 2.49 -3.90	41.81 2.31 -6.08	42.93 2.29 -7.46	43.21 2.34 -7.43	45.85 2.12 -10.10	56.28 2.03 -19.76	61.03 2.18 -20.56	69.38 2.13 -27.79	63.65 2.05 -25.01	62.84 2.03 -25.24	57.06 1.85 -20.90	51.46 1.88 -17.12	47.85 1.87 -14.26	45.14 2.51 -5.17
E179THST_13_KV_LOAD 356214	43.59 2.79 -0.37	42.51 2.31 -2.29	41.13 1.98 -7.79	41.00 2.01 -5.50	41.60 2.15 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.64 2.67 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.45 2.21 -19.76	61.22 2.37 -20.56	69.57 2.33 -27.79	63.80 2.20 -25.01	63.02 2.21 -25.24	57.20 1.99 -20.90	51.62 2.04 -17.12	48.01 2.03 -14.26	45.29 2.66 -5.17
EAST HAMPTON___GT 23717	43.75 2.95 -0.38	42.70 2.50 -2.29	41.00 1.85 -7.79	40.77 1.77 -5.50	41.56 2.11 -3.00	42.53 2.67 -0.61	46.44 3.10 -2.54	50.15 3.29 -9.05	48.10 3.52 -6.29	41.73 3.10 -2.58	42.75 2.78 -3.90	42.11 2.61 -6.09	43.13 2.49 -7.46	43.42 2.54 -7.44	47.11 2.55 -10.93	56.67 2.41 -19.77	69.67 2.79 -28.59	90.58 2.76 -48.36	79.42 2.60 -40.23	70.94 2.42 -32.95	65.81 2.16 -29.34	62.06 2.01 -27.58	54.24 1.94 -20.58	46.57 2.73 -6.37
EAST RIVER___6 23660	43.22 2.43 -0.37	42.21 2.01 -2.29	40.90 1.76 -7.79	40.80 1.81 -5.50	41.42 1.97 -3.00	41.94 2.08 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	42.01 2.51 -6.09	43.13 2.49 -7.46	43.41 2.54 -7.43	46.12 2.39 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.81 2.56 -27.79	64.01 2.41 -25.01	63.19 2.38 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
EAST RIVER___7 23524	43.22 2.43 -0.37	42.21 2.01 -2.29	40.90 1.76 -7.79	40.80 1.81 -5.50	41.42 1.97 -3.00	41.94 2.08 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	42.01 2.51 -6.09	43.13 2.49 -7.46	43.41 2.54 -7.43	46.12 2.39 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.81 2.56 -27.79	64.01 2.41 -25.01	63.19 2.38 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.10 2.30 -0.37	42.13 1.93 -2.29	40.80 1.66 -7.78	40.69 1.71 -5.49	41.30 1.86 -2.99	41.86 2.00 -0.61	45.61 2.29 -2.52	49.18 2.34 -9.02	47.12 2.57 -6.27	41.01 2.38 -2.58	42.40 2.42 -3.91	41.83 2.24 -6.17	42.92 2.22 -7.52	43.11 2.24 -7.44	45.90 2.19 -10.08	56.38 2.17 -19.72	61.22 2.41 -20.52	69.64 2.45 -27.74	63.83 2.27 -24.96	63.01 2.24 -25.20	57.23 2.06 -20.87	51.56 2.01 -17.09	47.89 1.93 -14.24	44.91 2.29 -5.16
EAST_HAMPTON___DIESEL 23722	43.68 2.87 -0.38	42.63 2.43 -2.29	40.94 1.79 -7.79	40.70 1.71 -5.50	41.49 2.04 -3.00	42.45 2.59 -0.61	46.36 3.02 -2.54	50.11 3.25 -9.05	48.03 3.45 -6.29	41.66 3.03 -2.58	42.68 2.71 -3.90	42.04 2.54 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	47.05 2.49 -10.93	56.61 2.35 -19.77	69.60 2.72 -28.59	90.46 2.64 -48.36	79.31 2.49 -40.23	70.87 2.35 -32.95	65.71 2.06 -29.34	61.96 1.91 -27.58	54.14 1.84 -20.58	46.50 2.66 -6.37
EAST_POINT___SOLAR 323840	43.14 2.22 -0.49	43.16 2.20 -3.05	43.28 1.57 -10.35	42.65 1.84 -7.31	42.44 2.00 -3.99	42.26 2.20 -0.81	46.53 2.37 -3.36	52.21 2.38 -12.02	48.90 2.26 -8.36	40.78 1.30 -3.43	41.03 0.83 -4.13	36.79 0.33 -3.03	39.96 0.43 -6.35	43.48 0.93 -9.11	48.40 1.35 -13.43	62.83 2.07 -26.27	68.34 2.72 -27.33	79.48 3.08 -36.95	72.62 2.78 -33.25	71.83 2.70 -33.56	64.60 2.50 -27.79	57.52 2.30 -22.76	52.74 2.06 -18.96	46.66 2.32 -6.87
EAST_PULASKI___ESR 323781	39.68 -0.77 -0.03	37.34 -0.72 -0.16	31.27 -0.63 -0.53	33.23 -0.64 -0.38	35.93 -0.73 -0.21	38.54 -0.75 -0.04	40.16 -0.82 -0.17	37.67 -0.76 -0.62	37.80 -0.92 -0.43	35.36 -0.87 -0.18	35.41 -0.87 -0.20	32.65 -0.87 -0.10	32.61 -0.86 -0.29	33.06 -0.83 -0.46	33.51 -0.81 -0.69	35.08 -0.76 -1.35	38.93 -0.77 -1.41	40.65 -0.71 -1.90	37.72 -0.71 -1.71	36.69 -0.60 -1.73	35.18 -0.55 -1.43	33.11 -0.52 -1.17	32.09 -0.60 -0.98	37.11 -0.71 -0.35
EAST_RIVER___1 323558	43.30 2.51 -0.37	42.29 2.08 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	42.02 2.16 -0.61	45.78 2.45 -2.53	49.38 2.53 -9.04	47.36 2.79 -6.28	41.30 2.67 -2.58	42.71 2.74 -3.90	42.01 2.51 -6.09	43.13 2.49 -7.46	43.41 2.54 -7.43	46.12 2.39 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.85 2.60 -27.79	64.05 2.45 -25.01	63.23 2.42 -25.24	57.41 2.20 -20.90	51.75 2.17 -17.12	48.11 2.13 -14.26	45.22 2.58 -5.17
EAST_RIVER___2 323559	43.22 2.43 -0.37	42.21 2.01 -2.29	40.90 1.76 -7.79	40.80 1.81 -5.50	41.42 1.97 -3.00	41.94 2.08 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	42.01 2.51 -6.09	43.13 2.49 -7.46	43.41 2.54 -7.43	46.12 2.39 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.81 2.56 -27.79	64.01 2.41 -25.01	63.19 2.38 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
EAST___DELAWARE_HYD 23607	42.89 2.14 -0.33	41.72 1.78 -2.03	39.77 1.54 -6.88	39.92 1.57 -4.86	40.88 1.79 -2.65	41.75 1.96 -0.54	45.24 2.20 -2.23	48.02 2.23 -7.98	46.24 2.41 -5.55	40.35 2.02 -2.28	40.80 1.98 -2.74	37.20 1.74 -2.04	39.14 1.72 -4.23	41.32 1.84 -6.05	44.39 1.85 -8.91	53.93 2.00 -17.44	58.77 2.34 -18.14	66.39 2.41 -24.53	60.97 2.31 -22.07	60.09 2.24 -22.28	54.81 2.06 -18.45	49.58 2.01 -15.11	46.21 1.90 -12.59	44.24 2.21 -4.56
EIGHT_POINT___WT_PWR 323820	38.39 -2.10 -0.07	36.33 -2.01 -0.44	31.21 -1.63 -1.48	32.86 -1.67 -1.04	35.20 -1.82 -0.57	37.24 -2.12 -0.12	38.97 -2.28 -0.45	37.52 -1.89 -1.60	37.36 -2.03 -1.11	34.31 -2.20 -0.46	34.28 -2.31 -0.52	31.48 -2.21 -0.27	31.74 -2.19 -0.75	32.48 -2.14 -1.19	33.36 -2.05 -1.78	35.94 -2.03 -3.49	39.81 -2.11 -3.63	42.35 -2.01 -4.90	39.10 -1.90 -4.41	38.10 -1.92 -4.45	36.11 -1.89 -3.69	33.63 -1.85 -3.02	32.40 -1.84 -2.52	36.57 -1.87 -0.98
ELBRIDGE_115KV_TB2 80188	39.98 -0.49 -0.04	37.68 -0.45 -0.23	31.80 -0.34 -0.78	33.68 -0.37 -0.55	36.31 -0.44 -0.30	38.84 -0.47 -0.06	40.53 -0.53 -0.25	38.19 -0.53 -0.91	38.26 -0.65 -0.63	35.66 -0.65 -0.26	35.75 -0.61 -0.30	33.00 -0.57 -0.15	33.07 -0.53 -0.42	33.64 -0.47 -0.68	34.17 -0.47 -1.01	36.03 -0.45 -1.98	39.82 -0.54 -2.06	41.73 -0.51 -2.79	38.63 -0.48 -2.51	37.64 -0.46 -2.53	35.99 -0.41 -2.10	33.76 -0.42 -1.72	32.74 -0.41 -1.43	37.50 -0.49 -0.52
ELEC_TRO_TEK 24086	43.56 2.75 -0.39	42.55 2.35 -2.29	41.03 1.88 -7.79	40.87 1.88 -5.50	41.56 2.11 -3.00	42.33 2.47 -0.61	46.08 2.73 -2.54	49.67 2.80 -9.06	47.57 2.99 -6.30	41.41 2.78 -2.58	42.76 2.78 -3.91	42.05 2.54 -6.09	43.14 2.49 -7.47	43.43 2.54 -7.45	47.61 2.42 -11.56	56.75 2.48 -19.77	75.65 2.60 -34.76	106.21 2.60 -64.15	90.99 2.49 -51.90	76.86 2.42 -38.87	72.38 2.26 -35.82	70.25 2.17 -35.61	59.31 2.16 -25.43	47.35 2.59 -7.30

ELLENBURG_WT_PWR 323604	36.83 -3.60 0.00	35.02 -2.88 0.00	28.66 -2.70 0.00	30.64 -2.85 0.00	33.64 -2.81 0.00	36.46 -2.79 0.00	38.44 -2.37 0.00	36.22 -1.59 0.00	37.17 -1.11 0.00	35.04 -1.01 0.00	34.74 -1.33 0.00	31.82 -1.60 0.00	31.42 -1.76 0.00	31.46 -1.97 0.00	31.44 -2.19 0.00	32.21 -2.28 0.00	36.64 -1.65 0.00	37.48 -1.97 0.00	34.43 -2.16 0.00	32.79 -2.77 0.00	31.59 -2.71 0.00	29.41 -3.05 0.00	29.02 -2.70 0.00	34.58 -2.88 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.65 -2.83 -0.05	35.51 -2.73 -0.33	30.23 -2.26 -1.13	31.88 -2.41 -0.80	34.37 -2.51 -0.43	36.35 -2.98 -0.09	37.68 -3.43 -0.30	35.34 -3.52 -1.05	35.49 -3.52 -0.73	32.75 -3.60 -0.30	32.74 -3.68 -0.35	30.39 -3.21 -0.18	30.42 -3.25 -0.49	30.87 -3.34 -0.78	31.44 -3.36 -1.17	33.32 -3.45 -2.28	36.99 -3.68 -2.38	39.04 -3.63 -3.21	35.93 -3.55 -2.89	35.14 -3.34 -2.92	33.39 -3.33 -2.42	31.35 -3.08 -1.98	30.52 -2.85 -1.65	35.48 -2.74 -0.75
EMPIRE_CC_1 323656	42.06 1.21 -0.43	41.72 1.18 -2.64	41.29 0.97 -8.95	40.85 1.04 -6.32	41.03 1.13 -3.45	41.17 1.22 -0.70	44.85 1.14 -2.91	49.23 1.02 -10.40	46.58 1.07 -7.23	40.07 1.05 -2.97	41.04 1.19 -3.78	38.18 1.14 -3.62	40.47 1.09 -6.20	42.54 1.07 -8.03	46.32 1.08 -11.62	58.18 0.96 -22.72	63.00 1.07 -23.65	72.44 1.02 -31.96	66.31 0.95 -28.76	65.52 0.92 -29.03	59.31 0.96 -24.04	53.06 0.91 -19.69	49.17 1.05 -16.40	44.57 1.16 -5.94
EMPIRE_CC_2 323658	42.06 1.21 -0.43	41.72 1.18 -2.64	41.29 0.97 -8.95	40.85 1.04 -6.32	41.03 1.13 -3.45	41.17 1.22 -0.70	44.85 1.14 -2.91	49.23 1.02 -10.40	46.58 1.07 -7.23	40.07 1.05 -2.97	41.04 1.19 -3.78	38.18 1.14 -3.62	40.47 1.09 -6.20	42.54 1.07 -8.03	46.32 1.08 -11.62	58.18 0.96 -22.72	63.00 1.07 -23.65	72.44 1.02 -31.96	66.31 0.95 -28.76	65.52 0.92 -29.03	59.31 0.96 -24.04	53.06 0.91 -19.69	49.17 1.05 -16.40	44.57 1.16 -5.94
ENORWICH_115KV_TB1 80156	43.00 2.47 -0.11	40.82 2.24 -0.67	35.34 1.69 -2.28	37.01 1.91 -1.61	39.41 2.08 -0.88	41.86 2.43 -0.18	44.07 2.53 -0.73	43.30 2.87 -2.62	42.71 2.60 -1.82	39.14 2.34 -0.75	38.97 2.16 -0.73	35.13 1.87 0.16	35.97 1.99 -0.80	37.33 2.04 -1.86	38.84 2.29 -2.93	42.84 2.62 -5.72	47.61 3.37 -5.96	51.22 3.71 -8.05	47.32 3.48 -7.25	46.15 3.27 -7.31	43.24 2.88 -6.06	40.15 2.73 -4.96	38.14 2.28 -4.13	41.64 2.66 -1.51
ERIE_ST__34_KV_TB1-2 80199	37.33 -3.15 -0.06	35.18 -3.07 -0.34	29.99 -2.54 -1.17	31.60 -2.71 -0.82	34.06 -2.84 -0.45	36.00 -3.34 -0.09	37.49 -3.63 -0.31	35.67 -3.25 -1.11	35.80 -3.25 -0.77	33.13 -3.24 -0.32	33.12 -3.32 -0.37	30.57 -3.04 -0.19	30.65 -3.05 -0.52	31.26 -3.01 -0.83	31.88 -2.99 -1.24	33.84 -3.07 -2.42	37.59 -3.22 -2.52	39.78 -3.08 -3.41	36.66 -3.00 -3.07	35.75 -2.92 -3.09	33.99 -2.88 -2.56	31.74 -2.82 -2.10	30.71 -2.76 -1.75	35.20 -3.03 -0.77
ERIE_WT_PWR 323693	37.65 -2.83 -0.05	35.52 -2.73 -0.34	30.25 -2.26 -1.15	31.89 -2.41 -0.81	34.38 -2.51 -0.44	36.35 -2.98 -0.09	37.73 -3.39 -0.31	35.54 -3.37 -1.09	35.64 -3.41 -0.76	32.90 -3.53 -0.32	32.90 -3.32 -0.36	30.50 -3.11 -0.19	30.54 -3.15 -0.51	31.04 -3.21 -0.81	31.65 -3.20 -1.22	33.56 -3.31 -2.38	37.24 -3.52 -2.47	39.33 -3.47 -3.34	36.24 -3.37 -3.01	35.40 -3.20 -3.04	33.67 -3.16 -2.52	31.57 -2.95 -2.06	30.68 -2.76 -1.72	35.53 -2.70 -0.76
ESPRGFLD_115KV_TB1 80157	41.80 1.37 0.00	39.12 1.21 0.00	32.27 0.91 0.00	34.53 1.04 0.00	37.58 1.13 0.00	40.54 1.30 0.00	42.23 1.43 0.00	39.39 1.59 0.01	39.81 1.53 0.01	37.23 1.19 0.00	37.08 1.01 0.00	34.25 0.84 0.00	34.07 0.90 0.00	34.46 1.04 0.01	34.83 1.21 0.01	35.98 1.52 0.02	40.14 1.88 0.02	41.51 2.09 0.03	38.50 1.94 0.03	37.39 1.85 0.03	35.93 1.65 0.02	34.00 1.56 0.02	33.03 1.33 0.02	39.00 1.54 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.95 0.44 -0.08	38.81 0.42 -0.48	33.31 0.31 -1.63	35.01 0.37 -1.15	37.44 0.36 -0.63	39.77 0.39 -0.13	41.74 0.41 -0.52	40.25 0.57 -1.87	40.00 0.42 -1.30	36.87 0.29 -0.53	36.93 0.25 -0.61	33.90 0.17 -0.31	34.25 0.20 -0.87	35.09 0.27 -1.39	36.05 0.34 -2.09	39.05 0.48 -4.08	43.15 0.61 -4.25	45.95 0.75 -5.74	42.49 0.73 -5.17	41.42 0.64 -5.21	39.21 0.58 -4.32	36.51 0.52 -3.54	35.08 0.41 -2.95	39.04 0.49 -1.08
ETNA____115KV_TB2 80207	40.95 0.44 -0.08	38.81 0.42 -0.48	33.31 0.31 -1.63	35.01 0.37 -1.15	37.44 0.36 -0.63	39.77 0.39 -0.13	41.74 0.41 -0.52	40.25 0.57 -1.87	40.00 0.42 -1.30	36.87 0.29 -0.53	36.93 0.25 -0.61	33.90 0.17 -0.31	34.25 0.20 -0.87	35.09 0.27 -1.39	36.05 0.34 -2.09	39.05 0.48 -4.08	43.15 0.61 -4.25	45.95 0.75 -5.74	42.49 0.73 -5.17	41.42 0.64 -5.21	39.21 0.58 -4.32	36.51 0.52 -3.54	35.08 0.41 -2.95	39.04 0.49 -1.08
EUCLID____115KV_TB2 356179	39.77 -0.69 -0.03	37.45 -0.64 -0.18	31.48 -0.50 -0.62	33.39 -0.54 -0.44	36.07 -0.62 -0.24	38.63 -0.67 -0.05	40.23 -0.78 -0.20	37.70 -0.83 -0.72	37.86 -0.92 -0.50	35.39 -0.87 -0.21	35.48 -0.83 -0.23	32.77 -0.77 -0.12	32.79 -0.73 -0.34	33.27 -0.70 -0.53	33.76 -0.67 -0.80	35.37 -0.69 -1.57	39.12 -0.80 -1.63	40.83 -0.83 -2.21	37.85 -0.73 -1.99	36.86 -0.71 -2.00	35.31 -0.65 -1.66	33.20 -0.62 -1.36	32.22 -0.63 -1.13	37.16 -0.71 -0.41
E_CANADA_CAP_HY 24051	42.56 1.62 -0.51	42.63 1.55 -3.17	43.23 1.13 -10.75	42.42 1.34 -7.59	42.05 1.46 -4.14	41.70 1.61 -0.85	45.93 1.63 -3.49	51.99 1.70 -12.47	48.52 1.57 -8.67	40.66 1.05 -3.56	41.11 0.79 -4.24	36.98 0.60 -2.96	40.29 0.66 -6.45	43.76 0.90 -9.42	48.71 1.14 -13.93	63.30 1.55 -27.25	68.64 1.99 -28.36	80.08 2.29 -38.34	73.18 2.08 -34.50	72.38 1.99 -34.82	64.96 1.82 -28.84	57.86 1.78 -23.62	52.95 1.55 -19.68	46.32 1.72 -7.13
E_CANADA_MHWK_HY 24050	41.15 0.73 0.00	38.59 0.68 0.00	31.86 0.50 0.00	34.06 0.57 0.00	37.11 0.66 0.00	40.03 0.78 0.00	41.54 0.74 0.00	38.57 0.76 0.00	39.05 0.77 0.00	36.81 0.76 0.00	36.76 0.68 0.00	34.05 0.63 0.00	33.84 0.66 0.00	34.10 0.67 0.00	34.34 0.71 0.00	35.25 0.76 0.00	39.13 0.84 0.00	40.32 0.87 0.00	37.36 0.77 0.00	36.32 0.75 0.00	34.95 0.65 0.00	33.11 0.65 0.00	32.32 0.60 0.00	38.22 0.75 0.00
E_FISHKILL____LBMP 23776	42.82 2.02 -0.38	41.95 1.71 -2.33	40.75 1.47 -7.92	40.63 1.54 -5.59	41.18 1.68 -3.05	41.68 1.81 -0.62	45.38 2.00 -2.57	49.08 2.08 -9.19	46.89 2.22 -6.39	40.77 2.09 -2.63	41.93 2.09 -3.76	40.59 1.94 -5.23	42.01 1.92 -6.91	42.79 1.94 -7.41	45.78 1.88 -10.27	56.47 1.90 -20.09	61.30 2.11 -20.90	69.84 2.13 -28.26	64.03 2.01 -25.43	63.19 1.96 -25.66	57.38 1.82 -21.26	51.62 1.75 -17.41	47.93 1.71 -14.50	44.74 2.02 -5.25
FALCON____SEABRD_CC1 323796	37.23 -3.19 0.00	35.44 -2.46 0.00	28.98 -2.38 0.00	30.98 -2.51 0.00	34.04 -2.41 0.00	36.89 -2.35 0.00	38.93 -1.88 0.00	36.71 -1.10 0.00	37.71 -0.57 0.00	35.51 -0.54 0.00	35.21 -0.87 0.00	32.22 -1.20 0.00	31.79 -1.39 0.00	31.86 -1.57 0.00	31.84 -1.78 0.00	32.59 -1.90 0.00	37.18 -1.11 0.00	38.00 -1.46 0.00	34.87 -1.72 0.00	33.22 -2.35 0.00	32.04 -2.27 0.00	29.76 -2.69 0.00	29.41 -2.31 0.00	34.99 -2.47 0.00

FALCON___SEABRD_CC2 323797	37.23 -3.19 0.00	35.44 -2.46 0.00	28.98 -2.38 0.00	30.98 -2.51 0.00	34.04 -2.41 0.00	36.89 -2.35 0.00	38.93 -1.88 0.00	36.71 -1.10 0.00	37.71 -0.57 0.00	35.51 -0.54 0.00	35.21 -0.87 0.00	32.22 -1.20 0.00	31.79 -1.39 0.00	31.86 -1.57 0.00	31.84 -1.78 0.00	32.59 -1.90 0.00	37.18 -1.11 0.00	38.00 -1.46 0.00	34.87 -1.72 0.00	33.22 -2.35 0.00	32.04 -2.27 0.00	29.76 -2.69 0.00	29.41 -2.31 0.00	34.99 -2.47 0.00
FAR ROCKAWAY___4 23548	44.09 3.27 -0.39	43.05 2.84 -2.29	41.41 2.26 -7.79	41.27 2.28 -5.50	42.00 2.55 -3.00	42.80 2.94 -0.61	46.61 3.26 -2.54	50.16 3.29 -9.06	48.03 3.45 -6.30	41.84 3.21 -2.58	43.23 3.25 -3.91	42.49 2.97 -6.09	43.57 2.92 -7.47	43.86 2.98 -7.45	47.93 2.86 -11.44	57.19 2.93 -19.77	74.99 3.14 -33.56	103.74 3.20 -61.09	89.24 3.00 -49.64	76.21 2.92 -37.72	71.61 2.74 -34.56	69.15 2.63 -34.06	58.81 2.60 -24.49	47.70 3.11 -7.12
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.30 2.51 -0.37	42.32 2.12 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	42.02 2.16 -0.61	45.82 2.49 -2.53	49.42 2.57 -9.04	47.36 2.79 -6.28	41.30 2.67 -2.58	42.71 2.74 -3.90	42.01 2.51 -6.09	43.13 2.49 -7.46	43.41 2.54 -7.43	46.12 2.39 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.85 2.60 -27.79	64.05 2.45 -25.01	63.23 2.42 -25.24	57.44 2.23 -20.90	51.75 2.17 -17.12	48.11 2.13 -14.26	45.22 2.59 -5.17
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.30 2.51 -0.37	42.32 2.12 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	42.02 2.16 -0.61	45.82 2.49 -2.53	49.42 2.57 -9.04	47.36 2.79 -6.28	41.30 2.67 -2.58	42.71 2.74 -3.90	42.01 2.51 -6.09	43.13 2.49 -7.46	43.41 2.54 -7.43	46.12 2.39 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.85 2.60 -27.79	64.05 2.45 -25.01	63.23 2.42 -25.24	57.44 2.23 -20.90	51.75 2.17 -17.12	48.14 2.16 -14.26	45.22 2.59 -5.17
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.30 2.51 -0.37	42.29 2.08 -2.29	40.97 1.82 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	42.02 2.16 -0.61	45.78 2.45 -2.53	49.38 2.53 -9.04	47.32 2.76 -6.28	41.30 2.67 -2.58	42.68 2.71 -3.90	42.01 2.51 -6.09	43.13 2.49 -7.46	43.38 2.51 -7.43	46.12 2.39 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.85 2.60 -27.79	64.02 2.42 -25.01	63.19 2.38 -25.24	57.40 2.20 -20.90	51.75 2.17 -17.12	48.11 2.13 -14.26	45.18 2.55 -5.17
FARRAGUT___LBMP 323566	43.26 2.47 -0.37	42.29 2.08 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.78 2.45 -2.53	49.35 2.50 -9.04	47.32 2.76 -6.28	41.26 2.63 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.75	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.18 2.55 -5.17
FENNER___WINDPWR 24204	40.99 0.52 -0.04	38.66 0.49 -0.26	32.62 0.38 -0.88	34.55 0.43 -0.62	37.26 0.47 -0.34	39.87 0.55 -0.07	41.66 0.57 -0.28	39.51 0.68 -1.02	39.57 0.58 -0.71	36.84 0.50 -0.29	36.84 0.43 -0.33	33.92 0.33 -0.17	34.02 0.37 -0.48	34.59 0.40 -0.76	35.23 0.47 -1.13	37.26 0.55 -2.22	41.36 0.77 -2.31	43.41 0.83 -3.12	40.17 0.77 -2.81	39.11 0.71 -2.84	37.27 0.62 -2.35	34.97 0.58 -1.92	33.80 0.48 -1.60	38.61 0.56 -0.58
FIBERTEK___ENERGY 23856	40.18 -0.28 -0.04	37.90 -0.23 -0.22	31.91 -0.19 -0.74	33.85 -0.17 -0.52	36.48 -0.26 -0.28	39.03 -0.27 -0.06	40.72 -0.33 -0.24	38.33 -0.34 -0.86	38.46 -0.42 -0.60	35.86 -0.43 -0.25	35.96 -0.40 -0.28	33.20 -0.37 -0.14	33.28 -0.30 -0.40	33.84 -0.23 -0.64	34.35 -0.24 -0.96	36.16 -0.21 -1.87	39.93 -0.31 -1.95	41.82 -0.28 -2.64	38.71 -0.26 -2.37	37.71 -0.25 -2.40	36.08 -0.21 -1.98	33.86 -0.23 -1.62	32.82 -0.25 -1.35	37.66 -0.30 -0.49
FITZPATRICK____ 23598	39.23 -1.21 -0.02	36.90 -1.14 -0.13	30.89 -0.91 -0.44	32.83 -0.97 -0.31	35.52 -1.09 -0.17	38.11 -1.18 -0.03	39.68 -1.27 -0.14	36.96 -1.36 -0.51	37.18 -1.45 -0.35	34.86 -1.33 -0.14	34.94 -1.30 -0.16	32.30 -1.20 -0.08	32.25 -1.16 -0.24	32.64 -1.17 -0.38	33.01 -1.18 -0.56	34.42 -1.17 -1.10	38.06 -1.38 -1.15	39.59 -1.42 -1.55	36.71 -1.28 -1.40	35.73 -1.25 -1.41	34.31 -1.17 -1.17	32.31 -1.10 -0.96	31.44 -1.08 -0.80	36.48 -1.27 -0.29
FLOWRFLD_69_KV_BK1 356044	44.16 3.36 -0.38	43.12 2.92 -2.29	41.38 2.23 -7.79	41.20 2.21 -5.50	41.96 2.51 -3.00	42.88 3.02 -0.61	46.73 3.39 -2.54	50.26 3.40 -9.05	48.14 3.56 -6.29	41.84 3.21 -2.58	43.19 3.21 -3.90	42.45 2.94 -6.09	43.53 2.89 -7.46	43.85 2.98 -7.44	47.52 2.96 -10.94	57.12 2.86 -19.77	70.25 3.33 -28.63	91.27 3.35 -48.46	80.04 3.15 -40.30	71.58 3.02 -32.99	66.47 2.78 -29.39	62.72 2.63 -27.64	54.90 2.57 -20.62	46.96 3.11 -6.38
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.22 2.43 -0.37	42.26 2.05 -2.30	40.96 1.79 -7.81	40.82 1.81 -5.52	41.50 2.04 -3.01	42.06 2.20 -0.61	45.79 2.45 -2.54	49.38 2.50 -9.07	47.27 2.68 -6.30	40.98 2.34 -2.59	42.25 2.34 -3.83	41.25 2.11 -5.72	42.48 2.09 -7.21	43.04 2.21 -7.40	45.95 2.19 -10.13	56.62 2.31 -19.82	61.52 2.60 -20.62	69.94 2.60 -27.88	64.17 2.49 -25.09	63.31 2.42 -25.32	57.51 2.23 -20.97	51.77 2.14 -17.17	48.09 2.06 -14.31	45.05 2.40 -5.18
FORT ORANGE____ 23900	41.71 0.85 -0.44	41.64 1.02 -2.71	41.38 0.81 -9.20	40.93 0.94 -6.50	41.01 1.02 -3.54	41.07 1.10 -0.72	44.65 0.86 -2.99	49.25 0.76 -10.69	46.52 0.81 -7.43	39.93 0.83 -3.05	40.71 0.83 -3.81	37.58 0.80 -3.36	40.05 0.76 -6.11	42.34 0.70 -8.20	46.28 0.71 -11.94	58.57 0.73 -23.35	63.47 0.88 -24.30	73.25 0.95 -32.85	67.03 0.88 -29.56	66.26 0.85 -29.84	59.84 0.82 -24.71	53.44 0.75 -20.24	49.31 0.73 -16.86	44.39 0.82 -6.10
FORT_DRUM_COGEN 23780	39.35 -1.09 -0.02	37.07 -0.95 -0.11	30.77 -0.97 -0.38	32.79 -0.97 -0.27	35.58 -1.02 -0.15	38.30 -0.98 -0.03	40.03 -0.90 -0.12	37.72 -0.53 -0.44	37.86 -0.73 -0.31	35.38 -0.79 -0.13	35.10 -1.12 -0.14	32.26 -1.24 -0.07	32.16 -1.23 -0.21	32.49 -1.27 -0.33	32.91 -1.21 -0.49	34.42 -1.03 -0.97	38.76 -0.54 -1.01	40.54 -0.28 -1.36	37.71 -0.11 -1.22	36.62 -0.18 -1.23	35.02 -0.31 -1.02	32.87 -0.42 -0.84	31.81 -0.60 -0.70	36.93 -0.79 -0.25
FOX_HILLS___ESR 323835	43.34 2.55 -0.37	42.29 2.08 -2.29	40.94 1.79 -7.79	40.80 1.81 -5.50	41.42 1.97 -3.00	41.82 1.96 -0.61	45.58 2.24 -2.53	49.16 2.31 -9.04	47.06 2.49 -6.28	41.01 2.38 -2.58	42.42 2.45 -3.90	41.78 2.27 -6.08	42.89 2.26 -7.46	43.18 2.31 -7.43	45.85 2.12 -10.10	56.38 2.14 -19.76	61.14 2.30 -20.56	69.61 2.37 -27.79	63.83 2.23 -25.01	63.02 2.21 -25.24	57.16 1.96 -20.90	51.59 2.01 -17.12	47.98 2.00 -14.26	45.14 2.51 -5.17
FPL FAR_ROCK_GT1 24212	44.08 3.27 -0.39	43.05 2.84 -2.29	41.41 2.26 -7.79	41.27 2.28 -5.50	42.00 2.55 -3.00	42.81 2.95 -0.61	46.61 3.27 -2.54	50.15 3.29 -9.06	48.03 3.45 -6.30	41.84 3.21 -2.58	43.23 3.25 -3.91	42.48 2.97 -6.09	43.57 2.92 -7.47	43.86 2.97 -7.45	47.93 2.86 -11.44	57.19 2.93 -19.77	74.99 3.14 -33.56	103.74 3.19 -61.09	89.24 3.00 -49.64	76.21 2.92 -37.72	71.61 2.75 -34.56	69.15 2.63 -34.06	58.81 2.60 -24.49	47.69 3.11 -7.12

FPL FAR_ROCK_GT2 23815	44.08 3.27 -0.39	43.05 2.84 -2.29	41.41 2.26 -7.79	41.27 2.28 -5.50	42.00 2.55 -3.00	42.81 2.95 -0.61	46.61 3.27 -2.54	50.15 3.29 -9.06	48.03 3.45 -6.30	41.84 3.21 -2.58	43.23 3.25 -3.91	42.48 2.97 -6.09	43.57 2.92 -7.47	43.86 2.97 -7.45	47.93 2.86 -11.44	57.19 2.93 -19.77	74.99 3.14 -33.56	103.74 3.19 -61.09	89.24 3.00 -49.64	76.21 2.92 -37.72	71.61 2.75 -34.56	69.15 2.63 -34.06	58.81 2.60 -24.49	47.69 3.11 -7.12
FRANKLIN_FALL_HYD 24054	37.20 -3.23 -0.01	35.41 -2.54 -0.04	29.04 -2.45 -0.13	31.00 -2.58 -0.09	34.02 -2.48 -0.05	36.79 -2.47 -0.01	38.85 -2.00 -0.04	36.79 -1.17 -0.15	37.74 -0.65 -0.10	35.51 -0.58 -0.04	35.22 -0.90 -0.05	32.21 -1.24 -0.02	31.82 -1.43 -0.07	31.91 -1.64 -0.11	31.94 -1.85 -0.16	32.78 -2.03 -0.32	37.40 -1.23 -0.34	38.41 -1.50 -0.45	35.28 -1.72 -0.41	33.70 -2.28 -0.41	32.48 -2.16 -0.34	30.11 -2.63 -0.28	29.67 -2.28 -0.23	35.08 -2.47 -0.08
FREEPORT_EQUUS_GT1 23764	43.80 2.99 -0.38	42.78 2.58 -2.29	41.19 2.04 -7.79	41.04 2.04 -5.50	41.75 2.30 -3.00	42.53 2.67 -0.61	46.32 2.98 -2.54	49.89 3.03 -9.05	47.76 3.18 -6.30	41.59 2.96 -2.58	42.97 2.99 -3.91	42.25 2.74 -6.09	43.33 2.69 -7.46	43.62 2.74 -7.45	47.50 2.66 -11.21	56.95 2.69 -19.77	72.40 2.76 -31.35	97.53 2.64 -55.43	84.54 2.49 -45.46	73.73 2.56 -35.60	68.95 2.40 -32.24	66.04 2.40 -31.18	56.85 2.38 -22.75	47.14 2.89 -6.79
FREEPORT___CT2 23818	43.80 2.99 -0.38	42.78 2.58 -2.29	41.19 2.04 -7.79	41.04 2.04 -5.50	41.75 2.30 -3.00	42.53 2.67 -0.61	46.32 2.98 -2.54	49.89 3.03 -9.05	47.76 3.18 -6.30	41.59 2.96 -2.58	42.97 2.99 -3.91	42.25 2.74 -6.09	43.33 2.69 -7.46	43.62 2.74 -7.45	47.50 2.66 -11.21	56.95 2.69 -19.77	72.40 2.76 -31.35	97.53 2.64 -55.43	84.54 2.49 -45.46	73.73 2.56 -35.60	68.95 2.40 -32.24	66.04 2.40 -31.18	56.85 2.38 -22.75	47.14 2.89 -6.79
FRESHKLS_33_KV_LOAD 356253	43.26 2.47 -0.37	42.25 2.05 -2.29	40.88 1.72 -7.79	40.73 1.74 -5.50	41.34 1.90 -3.00	41.75 1.88 -0.61	45.50 2.16 -2.53	49.08 2.23 -9.04	46.94 2.37 -6.28	40.90 2.27 -2.58	42.31 2.34 -3.90	41.64 2.14 -6.08	42.76 2.12 -7.46	43.08 2.21 -7.43	45.75 2.02 -10.10	56.32 2.07 -19.76	61.07 2.22 -20.56	69.53 2.29 -27.79	63.76 2.16 -25.01	62.98 2.17 -25.24	57.10 1.89 -20.90	51.52 1.95 -17.12	47.92 1.93 -14.26	45.07 2.44 -5.17
FULTON COGEN____ 23766	39.48 -0.97 -0.03	37.21 -0.87 -0.17	31.22 -0.72 -0.58	33.16 -0.74 -0.41	35.80 -0.87 -0.22	38.35 -0.94 -0.05	39.97 -1.02 -0.19	37.43 -1.06 -0.67	37.60 -1.15 -0.47	35.16 -1.08 -0.19	35.25 -1.05 -0.22	32.56 -0.97 -0.11	32.57 -0.93 -0.31	33.03 -0.90 -0.50	33.51 -0.87 -0.75	35.06 -0.90 -1.47	38.78 -1.03 -1.53	40.46 -1.07 -2.07	37.50 -0.95 -1.86	36.52 -0.92 -1.88	35.00 -0.86 -1.56	32.92 -0.81 -1.27	31.96 -0.82 -1.06	36.88 -0.97 -0.38
FULTON___LFGE 323630	42.89 1.98 -0.49	42.86 1.93 -3.02	43.03 1.41 -10.26	42.38 1.64 -7.24	42.19 1.79 -3.95	42.02 1.96 -0.81	46.26 2.12 -3.33	51.79 2.08 -11.91	48.55 1.99 -8.28	40.93 1.48 -3.40	41.43 1.26 -4.10	37.51 1.04 -3.05	40.63 1.13 -6.32	43.77 1.30 -9.03	48.48 1.55 -13.30	62.40 1.90 -26.02	67.70 2.34 -27.07	78.70 2.64 -36.60	71.94 2.41 -32.93	71.16 2.35 -33.24	64.03 2.20 -27.53	57.02 2.01 -22.54	52.31 1.81 -18.78	46.33 2.06 -6.80
G.F.CEMENT___DRP 24184	43.43 2.55 -0.45	43.22 2.50 -2.81	42.77 1.88 -9.52	42.39 2.18 -6.73	42.45 2.33 -3.67	42.51 2.51 -0.75	46.63 2.73 -3.09	51.48 2.61 -11.06	48.62 2.64 -7.69	41.66 2.45 -3.16	42.38 2.42 -3.89	38.80 2.14 -3.24	41.56 2.22 -6.16	44.13 2.24 -8.45	48.37 2.39 -12.36	61.11 2.45 -24.17	66.24 2.79 -25.15	76.50 3.04 -34.00	69.94 2.74 -30.60	69.12 2.67 -30.88	62.42 2.54 -25.58	55.68 2.27 -20.95	51.36 2.19 -17.45	46.29 2.51 -6.32
GARDENVILLE___LBMP 24039	37.61 -2.87 -0.05	35.48 -2.77 -0.34	30.22 -2.29 -1.15	31.86 -2.44 -0.81	34.34 -2.55 -0.44	36.32 -3.02 -0.09	37.68 -3.43 -0.31	35.45 -3.44 -1.08	35.56 -3.48 -0.75	32.83 -3.53 -0.31	32.82 -3.61 -0.36	30.43 -3.17 -0.19	30.47 -3.22 -0.51	30.97 -3.28 -0.81	31.54 -3.30 -1.21	33.47 -3.38 -2.36	37.14 -3.60 -2.46	39.22 -3.55 -3.32	36.14 -3.44 -2.99	35.31 -3.27 -3.01	33.58 -3.22 -2.50	31.49 -3.02 -2.05	30.60 -2.82 -1.71	35.46 -2.77 -0.76
GARDNVLA_35_KV_LD 355827	37.77 -2.71 -0.05	35.59 -2.65 -0.34	30.35 -2.16 -1.15	31.99 -2.31 -0.81	34.49 -2.41 -0.44	36.43 -2.90 -0.09	37.81 -3.31 -0.31	35.62 -3.29 -1.09	35.72 -3.33 -0.76	32.98 -3.39 -0.32	32.97 -3.46 -0.36	30.57 -3.04 -0.19	30.61 -3.09 -0.51	31.14 -3.11 -0.82	31.72 -3.13 -1.22	33.67 -3.21 -2.38	37.36 -3.41 -2.48	39.45 -3.35 -3.35	36.35 -3.26 -3.02	35.52 -3.09 -3.05	33.74 -3.09 -2.52	31.64 -2.89 -2.07	30.75 -2.70 -1.72	35.61 -2.62 -0.76
GELCKHM___115KV_LOAD 80723	39.89 -0.57 -0.03	37.61 -0.49 -0.19	31.62 -0.41 -0.66	33.56 -0.40 -0.47	36.19 -0.51 -0.25	38.75 -0.55 -0.05	40.41 -0.61 -0.21	37.94 -0.64 -0.77	38.09 -0.73 -0.53	35.55 -0.72 -0.22	35.67 -0.65 -0.25	32.95 -0.60 -0.13	32.98 -0.56 -0.36	33.47 -0.53 -0.57	33.98 -0.50 -0.86	35.65 -0.52 -1.68	39.42 -0.61 -1.75	41.19 -0.63 -2.36	38.17 -0.55 -2.13	37.18 -0.53 -2.15	35.57 -0.51 -1.78	33.43 -0.49 -1.46	32.46 -0.48 -1.21	37.34 -0.56 -0.44
GENERAL___MILLS 23808	37.69 -2.79 -0.05	35.52 -2.73 -0.34	30.29 -2.23 -1.15	31.93 -2.38 -0.81	34.41 -2.48 -0.44	36.36 -2.98 -0.09	37.73 -3.39 -0.31	35.54 -3.37 -1.09	35.64 -3.41 -0.76	32.90 -3.46 -0.32	32.93 -3.50 -0.36	30.50 -3.11 -0.19	30.54 -3.15 -0.51	31.07 -3.18 -0.81	31.65 -3.19 -1.22	33.59 -3.28 -2.38	37.28 -3.48 -2.47	39.37 -3.43 -3.34	36.27 -3.33 -3.01	35.44 -3.17 -3.04	33.70 -3.12 -2.52	31.57 -2.95 -2.06	30.68 -2.76 -1.72	35.53 -2.70 -0.76
GE_PLASTICS___DRP 24183	41.67 0.81 -0.44	41.53 0.91 -2.71	41.28 0.72 -9.20	40.79 0.80 -6.50	40.87 0.87 -3.54	40.91 0.94 -0.72	44.61 0.82 -2.99	49.25 0.76 -10.69	46.52 0.80 -7.43	39.93 0.83 -3.05	40.70 0.83 -3.80	37.56 0.84 -3.30	40.05 0.80 -6.07	42.39 0.77 -8.19	46.31 0.74 -11.94	58.60 0.76 -23.35	63.43 0.84 -24.30	73.18 0.87 -32.85	66.96 0.81 -29.56	66.19 0.78 -29.84	59.77 0.75 -24.71	53.41 0.71 -20.24	49.28 0.70 -16.86	44.36 0.79 -6.10
GILBOA___1 23756	41.78 1.01 -0.35	40.96 0.91 -2.14	39.38 0.75 -7.27	39.43 0.80 -5.14	40.12 0.87 -2.80	40.76 0.94 -0.57	44.14 0.98 -2.36	47.27 1.02 -8.44	45.22 1.07 -5.87	39.47 1.01 -2.41	39.98 1.01 -2.90	36.49 0.93 -2.14	38.57 0.93 -4.46	40.76 0.93 -6.39	43.96 0.91 -9.43	53.86 0.93 -18.44	58.47 0.99 -19.19	66.42 1.02 -25.94	60.88 0.95 -23.34	60.05 0.92 -23.56	54.74 0.93 -19.51	49.31 0.88 -15.98	45.89 0.86 -13.31	43.30 1.01 -4.82
GILBOA___2 23757	41.78 1.01 -0.35	40.96 0.91 -2.14	39.38 0.75 -7.27	39.43 0.80 -5.14	40.12 0.87 -2.80	40.76 0.94 -0.57	44.14 0.98 -2.36	47.27 1.02 -8.44	45.22 1.07 -5.87	39.47 1.01 -2.41	39.98 1.01 -2.90	36.49 0.93 -2.14	38.57 0.93 -4.46	40.76 0.93 -6.39	43.96 0.91 -9.43	53.86 0.93 -18.44	58.47 0.99 -19.19	66.42 1.02 -25.94	60.88 0.95 -23.34	60.05 0.92 -23.56	54.74 0.93 -19.51	49.31 0.88 -15.98	45.89 0.86 -13.31	43.30 1.01 -4.82

GILBOA___3 23758	41.78 1.01 -0.35	40.96 0.91 -2.14	39.38 0.75 -7.27	39.43 0.80 -5.14	40.12 0.87 -2.80	40.76 0.94 -0.57	44.14 0.98 -2.36	47.27 1.02 -8.44	45.22 1.07 -5.87	39.47 1.01 -2.41	39.98 1.01 -2.90	36.49 0.93 -2.14	38.57 0.93 -4.46	40.76 0.93 -6.39	43.96 0.91 -9.43	53.86 0.93 -18.44	58.47 0.99 -19.19	66.42 1.02 -25.94	60.88 0.95 -23.34	60.05 0.92 -23.56	54.74 0.93 -19.51	49.31 0.88 -15.98	45.89 0.86 -13.31	43.30 1.01 -4.82
GILBOA___4 23759	41.78 1.01 -0.35	40.96 0.91 -2.14	39.38 0.75 -7.27	39.43 0.80 -5.14	40.12 0.87 -2.80	40.76 0.94 -0.57	44.14 0.98 -2.36	47.27 1.02 -8.44	45.22 1.07 -5.87	39.47 1.01 -2.41	39.98 1.01 -2.90	36.49 0.93 -2.14	38.57 0.93 -4.46	40.76 0.93 -6.39	43.96 0.91 -9.43	53.86 0.93 -18.44	58.47 0.99 -19.19	66.42 1.02 -25.94	60.88 0.95 -23.34	60.05 0.92 -23.56	54.74 0.93 -19.51	49.31 0.88 -15.98	45.89 0.86 -13.31	43.30 1.01 -4.82
GILBOA___ 23599	41.78 1.01 -0.35	40.96 0.91 -2.14	39.39 0.75 -7.27	39.43 0.80 -5.14	40.12 0.87 -2.80	40.76 0.94 -0.57	44.14 0.98 -2.36	47.27 1.02 -8.44	45.22 1.07 -5.87	39.47 1.01 -2.41	39.98 1.01 -2.90	36.50 0.94 -2.14	38.57 0.93 -4.46	40.77 0.94 -6.39	43.96 0.91 -9.43	53.86 0.93 -18.44	58.47 1.00 -19.19	66.42 1.03 -25.94	60.89 0.95 -23.34	60.05 0.92 -23.56	54.74 0.93 -19.51	49.31 0.88 -15.98	45.89 0.86 -13.31	43.30 1.01 -4.82
GINNA___ 23603	37.39 -3.07 -0.04	35.35 -2.80 -0.25	29.82 -2.38 -0.84	31.57 -2.51 -0.59	34.15 -2.62 -0.32	36.45 -2.86 -0.07	37.90 -3.18 -0.28	35.71 -3.10 -1.00	35.88 -3.10 -0.70	33.16 -3.17 -0.29	33.22 -3.17 -0.33	30.78 -2.81 -0.17	30.83 -2.82 -0.47	31.30 -2.88 -0.74	31.92 -2.82 -1.12	33.74 -2.93 -2.19	37.50 -3.06 -2.28	39.49 -3.04 -3.08	36.40 -2.96 -2.77	35.62 -2.74 -2.79	33.87 -2.75 -2.31	31.76 -2.60 -1.89	30.86 -2.44 -1.58	35.44 -2.58 -0.56
GLEN PARK___ 23778	39.59 -0.85 -0.02	37.27 -0.76 -0.12	30.94 -0.82 -0.39	32.96 -0.80 -0.28	35.76 -0.84 -0.15	38.53 -0.75 -0.03	40.24 -0.69 -0.13	37.96 -0.30 -0.46	38.03 -0.57 -0.32	35.53 -0.65 -0.13	35.25 -0.97 -0.15	32.39 -1.10 -0.08	32.30 -1.09 -0.21	32.64 -1.14 -0.34	33.09 -1.04 -0.51	34.66 -0.83 -1.00	39.06 -0.27 -1.04	40.94 0.08 -1.40	38.11 0.26 -1.26	36.98 0.14 -1.27	35.32 -0.03 -1.05	33.19 -0.13 -0.86	32.06 -0.38 -0.72	37.20 -0.52 -0.26
GLENDALE_27_KV_LOAD 356172	43.50 2.71 -0.37	42.48 2.27 -2.29	41.09 1.94 -7.79	41.00 2.01 -5.50	41.60 2.15 -3.00	42.10 2.24 -0.61	45.86 2.53 -2.53	49.46 2.61 -9.04	47.44 2.87 -6.28	41.37 2.74 -2.58	42.78 2.81 -3.90	42.08 2.57 -6.08	43.19 2.55 -7.46	43.48 2.61 -7.43	46.15 2.42 -10.10	56.63 2.38 -19.76	61.41 2.57 -20.56	69.81 2.56 -27.79	64.02 2.42 -25.01	63.23 2.42 -25.24	57.40 2.20 -20.90	51.78 2.21 -17.12	48.17 2.19 -14.26	45.33 2.70 -5.17
GLENWOOD_IC_1_G5 23712	43.60 2.79 -0.39	42.59 2.39 -2.29	41.13 1.98 -7.79	40.97 1.98 -5.50	41.67 2.22 -3.00	42.37 2.51 -0.61	46.12 2.77 -2.54	49.70 2.84 -9.06	47.61 3.02 -6.30	41.48 2.85 -2.58	42.87 2.89 -3.91	42.15 2.64 -6.09	43.27 2.62 -7.47	43.53 2.64 -7.45	47.72 2.56 -11.54	56.85 2.59 -19.77	75.55 2.79 -34.47	105.70 2.84 -63.40	90.62 2.67 -51.35	76.76 2.60 -38.59	72.25 2.44 -35.51	70.03 2.34 -35.24	59.21 2.28 -25.20	47.46 2.74 -7.26
GLENWOOD_IC_2_G1 23688	43.35 2.55 -0.37	42.40 2.20 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.49 2.04 -3.00	42.14 2.28 -0.61	45.87 2.53 -2.53	49.46 2.61 -9.04	47.36 2.79 -6.29	41.26 2.63 -2.58	42.64 2.67 -3.90	41.94 2.44 -6.08	43.05 2.42 -7.45	43.31 2.44 -7.44	46.14 2.35 -10.16	56.63 2.38 -19.76	62.05 2.60 -21.16	71.38 2.60 -29.32	65.19 2.45 -26.14	63.77 2.38 -25.82	58.07 2.23 -21.53	52.50 2.14 -17.90	48.55 2.09 -14.73	45.23 2.51 -5.26
GLENWOOD_IC_3_G1 23689	43.35 2.55 -0.37	42.40 2.20 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.49 2.04 -3.00	42.14 2.28 -0.61	45.87 2.53 -2.53	49.46 2.61 -9.04	47.36 2.79 -6.29	41.26 2.63 -2.58	42.64 2.67 -3.90	41.94 2.44 -6.08	43.05 2.42 -7.45	43.31 2.44 -7.44	46.14 2.35 -10.16	56.63 2.38 -19.76	62.05 2.60 -21.16	71.38 2.60 -29.32	65.19 2.45 -26.14	63.77 2.38 -25.82	58.07 2.23 -21.53	52.50 2.14 -17.90	48.55 2.09 -14.73	45.23 2.51 -5.26
GLENWOOD___4 23550	43.60 2.79 -0.39	42.59 2.39 -2.29	41.13 1.98 -7.79	40.97 1.98 -5.50	41.67 2.22 -3.00	42.37 2.51 -0.61	46.12 2.77 -2.54	49.70 2.84 -9.06	47.61 3.02 -6.30	41.48 2.85 -2.58	42.87 2.89 -3.91	42.15 2.64 -6.09	43.27 2.62 -7.47	43.53 2.64 -7.45	47.72 2.56 -11.54	56.85 2.59 -19.77	75.55 2.79 -34.47	105.70 2.84 -63.40	90.62 2.67 -51.35	76.76 2.60 -38.59	72.25 2.44 -35.51	70.03 2.34 -35.24	59.21 2.28 -25.20	47.46 2.74 -7.26
GLENWOOD___5 23614	43.60 2.79 -0.39	42.59 2.39 -2.29	41.13 1.98 -7.79	40.97 1.98 -5.50	41.67 2.22 -3.00	42.37 2.51 -0.61	46.12 2.77 -2.54	49.70 2.84 -9.06	47.61 3.02 -6.30	41.48 2.85 -2.58	42.87 2.89 -3.91	42.15 2.64 -6.09	43.27 2.62 -7.47	43.53 2.64 -7.45	47.72 2.56 -11.54	56.85 2.59 -19.77	75.55 2.79 -34.47	105.70 2.84 -63.40	90.62 2.67 -51.35	76.76 2.60 -38.59	72.25 2.44 -35.51	70.03 2.34 -35.24	59.21 2.28 -25.20	47.46 2.74 -7.26
GLOBAL GREEN_PORT_GT1 23814	44.08 3.27 -0.38	42.97 2.77 -2.29	41.25 2.10 -7.79	41.04 2.04 -5.50	41.82 2.37 -3.00	42.81 2.95 -0.61	46.73 3.39 -2.54	50.41 3.55 -9.05	48.33 3.75 -6.29	41.95 3.31 -2.58	43.04 3.06 -3.90	42.34 2.84 -6.09	43.39 2.75 -7.46	43.69 2.81 -7.44	47.38 2.83 -10.93	56.98 2.72 -19.77	70.10 3.22 -28.59	90.97 3.16 -48.36	79.78 2.96 -40.23	71.33 2.81 -32.95	66.15 2.50 -29.34	62.38 2.34 -27.58	54.56 2.25 -20.58	46.87 3.03 -6.37
GLOBE___DSASP 323697	37.12 -3.36 -0.05	35.00 -3.22 -0.31	29.79 -2.63 -1.07	31.43 -2.81 -0.75	33.91 -2.95 -0.41	35.88 -3.45 -0.08	37.08 -4.00 -0.27	34.38 -4.39 -0.96	34.51 -4.44 -0.67	31.89 -4.43 -0.28	31.92 -4.47 -0.32	29.74 -3.84 -0.17	29.75 -3.88 -0.45	30.04 -4.11 -0.72	30.56 -4.14 -1.07	32.30 -4.28 -2.09	35.79 -4.67 -2.17	37.69 -4.70 -2.93	34.70 -4.54 -2.64	33.97 -4.27 -2.67	32.33 -4.19 -2.21	30.47 -3.80 -1.81	29.74 -3.49 -1.51	34.95 -3.22 -0.71
GOETHSLN___LBMP 323567	43.18 2.39 -0.37	42.17 1.97 -2.29	40.87 1.72 -7.79	40.77 1.78 -5.50	41.38 1.93 -3.00	41.90 2.04 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.95 2.44 -6.09	43.03 2.39 -7.46	43.31 2.44 -7.43	46.02 2.29 -10.10	56.52 2.28 -19.75	61.33 2.49 -20.56	69.73 2.49 -27.79	63.91 2.31 -25.01	63.09 2.28 -25.24	57.34 2.13 -20.90	51.65 2.08 -17.12	48.01 2.03 -14.26	45.07 2.44 -5.17
GOLAH___69_KV_TB 1_2 80279	38.93 -1.54 -0.04	36.80 -1.36 -0.26	31.05 -1.19 -0.88	32.87 -1.24 -0.62	35.58 -1.20 -0.34	37.87 -1.45 -0.07	39.30 -1.80 -0.28	36.79 -2.04 -1.02	36.96 -2.03 -0.71	34.14 -2.20 -0.29	34.10 -2.31 -0.33	31.65 -1.94 -0.17	31.67 -1.99 -0.48	32.15 -2.04 -0.76	32.75 -2.02 -1.14	34.61 -2.10 -2.23	38.38 -2.22 -2.32	40.50 -2.09 -3.13	37.36 -2.05 -2.82	36.56 -1.85 -2.85	34.77 -1.89 -2.36	32.60 -1.79 -1.93	31.77 -1.55 -1.61	36.77 -1.27 -0.58

GOODYEAR_LAKE_HYD 323669	41.83 1.29 -0.11	39.72 1.14 -0.67	34.52 0.88 -2.28	36.08 0.97 -1.61	38.42 1.09 -0.88	40.64 1.22 -0.18	42.89 1.35 -0.74	41.92 1.47 -2.63	41.61 1.49 -1.83	38.17 1.37 -0.75	38.19 1.26 -0.86	35.00 1.14 -0.44	35.57 1.16 -1.23	36.63 1.24 -1.96	37.88 1.31 -2.94	41.73 1.48 -5.76	46.04 1.76 -5.99	49.41 1.85 -8.10	45.60 1.72 -7.29	44.56 1.64 -7.35	41.87 1.48 -6.09	38.84 1.40 -4.99	37.11 1.24 -4.16	40.40 1.42 -1.51
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.58 0.04 -0.11	38.61 0.00 -0.70	33.78 0.03 -2.38	35.21 0.03 -1.68	37.37 0.00 -0.92	39.40 -0.04 -0.19	41.53 -0.04 -0.76	40.65 0.11 -2.72	40.26 0.08 -1.89	36.83 0.00 -0.78	36.79 -0.04 -0.75	33.17 -0.07 0.18	33.97 -0.03 -0.82	35.37 0.00 -1.93	36.71 0.03 -3.04	40.51 0.07 -5.95	44.60 0.11 -6.19	48.03 0.20 -8.37	44.28 0.15 -7.53	43.28 0.11 -7.61	40.71 0.10 -6.30	37.71 0.10 -5.16	36.05 0.03 -4.30	39.08 0.04 -1.58
GOUDEY___7 23579	40.58 0.04 -0.11	38.61 0.00 -0.70	33.78 0.03 -2.38	35.21 0.03 -1.68	37.37 0.00 -0.92	39.40 -0.04 -0.19	41.53 -0.04 -0.76	40.65 0.11 -2.72	40.26 0.08 -1.89	36.83 0.00 -0.78	36.79 -0.04 -0.75	33.17 -0.07 0.18	33.97 -0.03 -0.82	35.37 0.00 -1.93	36.71 0.03 -3.04	40.51 0.07 -5.95	44.60 0.11 -6.19	48.03 0.20 -8.37	44.28 0.15 -7.53	43.28 0.11 -7.61	40.71 0.10 -6.30	37.71 0.10 -5.16	36.05 0.03 -4.30	39.08 0.04 -1.58
GOUDEY___8 23580	40.58 0.04 -0.11	38.61 0.00 -0.70	33.78 0.03 -2.38	35.21 0.03 -1.68	37.37 0.00 -0.92	39.40 -0.04 -0.19	41.53 -0.04 -0.76	40.65 0.11 -2.72	40.26 0.08 -1.89	36.83 0.00 -0.78	36.79 -0.04 -0.75	33.17 -0.07 0.18	33.97 -0.03 -0.82	35.37 0.00 -1.93	36.71 0.03 -3.04	40.51 0.07 -5.95	44.60 0.11 -6.19	48.03 0.20 -8.37	44.28 0.15 -7.53	43.28 0.11 -7.61	40.71 0.10 -6.30	37.71 0.10 -5.16	36.05 0.03 -4.30	39.08 0.04 -1.58
GOWANUS_GT1_1 24077	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.94 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.26 2.62 -5.17
GOWANUS_GT1_2 24078	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.94 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.26 2.62 -5.17
GOWANUS_GT1_3 24079	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.94 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.26 2.62 -5.17
GOWANUS_GT1_4 24080	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.94 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.26 2.62 -5.17
GOWANUS_GT1_5 24084	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.94 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.26 2.62 -5.17
GOWANUS_GT1_6 24111	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.94 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.26 2.62 -5.17
GOWANUS_GT1_7 24112	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.94 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.26 2.62 -5.17
GOWANUS_GT1_8 24113	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.94 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.26 2.62 -5.17
GOWANUS_GT2_1 24114	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.91 2.41 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.22 2.58 -5.17
GOWANUS_GT2_2 24115	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.91 2.41 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.22 2.58 -5.17
GOWANUS_GT2_3 24116	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.91 2.41 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.22 2.58 -5.17

GOWANUS_GT2_4 24117	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.91 2.41 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.22 2.58 -5.17
GOWANUS_GT2_5 24118	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.91 2.41 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.22 2.58 -5.17
GOWANUS_GT2_6 24119	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.91 2.41 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.22 2.58 -5.17
GOWANUS_GT2_7 24120	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.91 2.41 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.22 2.58 -5.17
GOWANUS_GT2_8 24121	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.91 2.41 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.22 2.58 -5.17
GOWANUS_GT3_1 24122	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
GOWANUS_GT3_2 24123	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
GOWANUS_GT3_3 24124	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
GOWANUS_GT3_4 24125	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
GOWANUS_GT3_5 24126	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
GOWANUS_GT3_6 24127	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
GOWANUS_GT3_7 24128	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
GOWANUS_GT3_8 24129	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
GOWANUS_GT4_1 24130	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.88 2.37 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.22 2.59 -5.17
GOWANUS_GT4_2 24131	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.88 2.37 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.22 2.59 -5.17

GOWANUS_GT4_3 24132	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.88 2.37 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.22 2.59 -5.17
GOWANUS_GT4_4 24133	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.88 2.37 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.22 2.59 -5.17
GOWANUS_GT4_5 24134	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.88 2.37 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.22 2.59 -5.17
GOWANUS_GT4_6 24135	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.88 2.37 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.22 2.59 -5.17
GOWANUS_GT4_7 24136	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.88 2.37 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.22 2.59 -5.17
GOWANUS_GT4_8 24137	43.42 2.63 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.15 2.52 -2.58	42.57 2.60 -3.90	41.88 2.37 -6.08	42.99 2.36 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.12 2.31 -25.24	57.27 2.06 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.22 2.59 -5.17
GREENBSH_115KV_TB3 55895	41.59 0.73 -0.44	41.54 0.91 -2.72	41.32 0.72 -9.24	40.82 0.80 -6.53	40.88 0.87 -3.56	40.92 0.94 -0.73	44.50 0.69 -3.00	49.19 0.64 -10.73	46.43 0.69 -7.46	39.91 0.79 -3.07	40.68 0.79 -3.81	37.56 0.80 -3.33	40.05 0.76 -6.11	42.37 0.70 -8.23	46.29 0.67 -11.99	58.60 0.66 -23.45	63.42 0.73 -24.41	73.20 0.75 -32.99	66.98 0.70 -29.69	66.21 0.68 -29.97	59.77 0.65 -24.82	53.37 0.58 -20.32	49.25 0.60 -16.93	44.27 0.67 -6.13
GREENDGE_115KV_TB5 80291	39.81 -0.69 -0.07	37.68 -0.64 -0.42	32.26 -0.53 -1.43	33.96 -0.54 -1.01	36.38 -0.62 -0.55	38.65 -0.71 -0.11	40.48 -0.78 -0.45	38.88 -0.53 -1.60	38.71 -0.69 -1.11	35.61 -0.90 -0.46	35.62 -0.97 -0.52	32.75 -0.94 -0.27	33.00 -0.93 -0.75	33.79 -0.84 -1.19	34.64 -0.77 -1.79	37.34 -0.66 -3.50	41.36 -0.57 -3.64	43.98 -0.39 -4.92	40.62 -0.40 -4.43	39.61 -0.43 -4.47	37.53 -0.48 -3.70	34.94 -0.55 -3.03	33.64 -0.60 -2.53	37.85 -0.56 -0.95
GREENIDGE___3 23582	39.81 -0.69 -0.07	37.68 -0.64 -0.42	32.26 -0.53 -1.43	33.96 -0.54 -1.01	36.38 -0.62 -0.55	38.65 -0.71 -0.11	40.48 -0.78 -0.45	38.88 -0.53 -1.60	38.71 -0.69 -1.11	35.61 -0.90 -0.46	35.62 -0.97 -0.52	32.75 -0.94 -0.27	33.00 -0.93 -0.75	33.79 -0.84 -1.19	34.64 -0.77 -1.79	37.34 -0.66 -3.50	41.36 -0.57 -3.64	43.98 -0.39 -4.92	40.62 -0.40 -4.43	39.61 -0.43 -4.47	37.53 -0.48 -3.70	34.94 -0.55 -3.03	33.64 -0.60 -2.53	37.85 -0.56 -0.95
GREENIDGE___4 23583	39.81 -0.69 -0.07	37.68 -0.64 -0.42	32.26 -0.53 -1.43	33.96 -0.54 -1.01	36.38 -0.62 -0.55	38.66 -0.71 -0.11	40.48 -0.78 -0.45	38.88 -0.53 -1.60	38.71 -0.69 -1.11	35.61 -0.90 -0.46	35.62 -0.97 -0.52	32.75 -0.94 -0.27	33.00 -0.93 -0.75	33.79 -0.83 -1.19	34.65 -0.77 -1.79	37.30 -0.69 -3.50	41.36 -0.57 -3.64	43.95 -0.43 -4.92	40.62 -0.40 -4.43	39.58 -0.46 -4.47	37.53 -0.48 -3.70	34.94 -0.55 -3.03	33.64 -0.60 -2.53	37.85 -0.56 -0.95
GREENLWN_69_KV_BK 3 55738	44.04 3.23 -0.38	43.05 2.84 -2.29	41.38 2.23 -7.79	41.20 2.21 -5.50	41.96 2.51 -3.00	42.80 2.94 -0.61	46.61 3.26 -2.54	50.15 3.29 -9.05	48.02 3.45 -6.29	41.84 3.21 -2.58	43.19 3.21 -3.90	42.45 2.94 -6.09	43.53 2.89 -7.46	43.86 2.98 -7.44	47.44 2.86 -10.95	57.16 2.90 -19.77	70.21 3.14 -28.78	91.45 3.16 -48.84	80.14 2.96 -40.58	71.59 2.88 -33.14	66.56 2.71 -29.54	62.89 2.60 -27.83	54.99 2.54 -20.73	46.94 3.07 -6.41
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.94 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.26 2.62 -5.17
GRISSOM___SOLAR 323813	42.85 1.94 -0.48	42.83 1.93 -3.00	42.94 1.41 -10.17	42.31 1.64 -7.18	42.15 1.79 -3.92	41.97 1.92 -0.80	46.19 2.08 -3.30	51.65 2.04 -11.80	48.44 1.95 -8.20	40.93 1.51 -3.37	41.48 1.34 -4.07	37.63 1.14 -3.07	40.67 1.19 -6.30	43.73 1.34 -8.95	48.36 1.55 -13.19	62.14 1.86 -25.79	67.42 2.30 -26.84	78.30 2.56 -36.28	71.58 2.34 -32.65	70.76 2.24 -32.95	63.72 2.13 -27.29	56.75 1.95 -22.35	52.08 1.74 -18.62	46.19 1.98 -6.74
GROVEVILLE___HYD 323602	43.22 2.43 -0.37	42.26 2.05 -2.30	40.96 1.79 -7.81	40.82 1.81 -5.52	41.50 2.04 -3.01	42.06 2.20 -0.61	45.79 2.45 -2.54	49.38 2.50 -9.07	47.27 2.68 -6.30	40.98 2.34 -2.59	42.25 2.34 -3.83	41.25 2.11 -5.72	42.48 2.09 -7.21	43.04 2.21 -7.40	45.95 2.19 -10.13	56.62 2.31 -19.82	61.52 2.60 -20.62	69.94 2.60 -27.88	64.17 2.49 -25.09	63.31 2.42 -25.32	57.51 2.23 -20.97	51.77 2.14 -17.17	48.09 2.06 -14.31	45.05 2.40 -5.18
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.18 -0.28 -0.04	37.90 -0.23 -0.22	31.91 -0.19 -0.74	33.85 -0.17 -0.52	36.48 -0.26 -0.28	39.03 -0.27 -0.06	40.72 -0.33 -0.24	38.33 -0.34 -0.86	38.46 -0.42 -0.60	35.86 -0.43 -0.25	35.96 -0.40 -0.28	33.20 -0.37 -0.14	33.28 -0.30 -0.40	33.84 -0.23 -0.64	34.35 -0.24 -0.96	36.16 -0.21 -1.87	39.93 -0.31 -1.95	41.82 -0.28 -2.64	38.71 -0.26 -2.37	37.71 -0.25 -2.40	36.08 -0.21 -1.98	33.86 -0.23 -1.62	32.82 -0.25 -1.35	37.66 -0.30 -0.49

HAMLTNNY_34_KV_TB 80303	40.14 -0.32 -0.04	37.87 -0.27 -0.23	31.93 -0.22 -0.78	33.85 -0.20 -0.55	36.50 -0.26 -0.30	39.04 -0.27 -0.06	40.73 -0.33 -0.25	38.38 -0.34 -0.91	38.46 -0.46 -0.63	35.84 -0.47 -0.26	35.94 -0.43 -0.30	33.17 -0.40 -0.15	33.24 -0.36 -0.43	33.81 -0.30 -0.68	34.38 -0.27 -1.02	36.24 -0.24 -1.99	40.05 -0.31 -2.07	41.98 -0.28 -2.80	38.86 -0.26 -2.52	37.86 -0.25 -2.54	36.17 -0.24 -2.11	33.96 -0.23 -1.73	32.90 -0.25 -1.44	37.69 -0.30 -0.52
HAMPSHIRE___PAPER_HYD 323593	38.29 -2.14 -0.01	36.23 -1.74 -0.07	29.90 -1.69 -0.23	31.88 -1.78 -0.16	34.75 -1.79 -0.09	37.50 -1.77 -0.02	39.33 -1.55 -0.07	37.13 -0.94 -0.27	37.66 -0.81 -0.18	35.33 -0.79 -0.08	35.08 -1.08 -0.09	32.16 -1.30 -0.04	31.94 -1.36 -0.12	32.13 -1.50 -0.20	32.34 -1.58 -0.30	33.48 -1.59 -0.58	37.89 -1.00 -0.60	39.29 -0.98 -0.81	36.34 -0.99 -0.73	35.06 -1.25 -0.74	33.61 -1.30 -0.61	31.44 -1.53 -0.50	30.68 -1.46 -0.42	36.01 -1.61 -0.15
HARDSCRABBLE_WT_PWR 323673	40.83 0.40 0.00	38.29 0.38 0.00	31.64 0.28 0.00	33.79 0.30 0.00	36.81 0.36 0.00	39.72 0.47 0.00	41.26 0.45 0.00	38.30 0.49 0.00	38.82 0.54 0.00	36.55 0.50 0.00	36.54 0.47 0.00	33.82 0.40 0.00	33.58 0.40 0.00	33.87 0.43 0.00	34.10 0.47 0.00	35.01 0.52 0.00	38.86 0.58 0.00	40.05 0.59 0.00	37.11 0.51 0.00	36.03 0.46 0.00	34.72 0.41 0.00	32.88 0.42 0.00	32.10 0.38 0.00	37.92 0.45 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.96 2.18 -0.35	41.93 1.86 -2.17	40.33 1.60 -7.37	40.33 1.64 -5.20	41.11 1.82 -2.84	41.79 1.96 -0.58	45.40 2.20 -2.39	48.63 2.27 -8.55	46.68 2.45 -5.94	40.69 2.20 -2.44	42.26 2.20 -3.99	42.60 1.97 -7.20	43.21 1.96 -8.08	42.73 2.04 -7.25	45.20 2.02 -9.55	55.24 2.07 -18.68	60.06 2.34 -19.44	68.10 2.37 -26.28	62.47 2.23 -23.65	61.61 2.17 -23.87	56.10 2.02 -19.77	50.59 1.95 -16.19	47.08 1.87 -13.49	44.52 2.17 -4.88
HARSNRAD_115KV_TB1 81005	37.52 -2.95 -0.05	35.41 -2.81 -0.31	30.09 -2.32 -1.05	31.76 -2.48 -0.74	34.27 -2.59 -0.40	36.27 -3.06 -0.08	37.54 -3.55 -0.28	35.00 -3.82 -1.01	35.16 -3.83 -0.70	32.41 -3.93 -0.29	32.40 -4.00 -0.33	30.18 -3.41 -0.17	30.14 -3.52 -0.47	30.54 -3.64 -0.75	31.12 -3.63 -1.12	32.92 -3.76 -2.19	36.55 -4.02 -2.28	38.55 -3.99 -3.08	35.49 -3.88 -2.77	34.74 -3.63 -2.80	33.02 -3.60 -2.32	31.05 -3.31 -1.90	30.26 -3.05 -1.58	35.39 -2.77 -0.70
HARZA MOOSE___RIVER 24016	40.28 -0.16 -0.01	37.87 -0.11 -0.07	31.39 -0.22 -0.25	33.47 -0.20 -0.18	36.36 -0.18 -0.10	39.19 -0.08 -0.02	40.89 0.00 -0.08	38.37 0.26 -0.29	38.68 0.19 -0.20	36.28 0.14 -0.08	36.13 -0.04 -0.09	33.30 -0.17 -0.05	33.15 -0.17 -0.14	33.45 -0.20 -0.22	33.82 -0.13 -0.33	35.13 0.00 -0.64	39.33 0.38 -0.66	40.86 0.51 -0.89	37.91 0.51 -0.81	36.77 0.39 -0.81	35.25 0.27 -0.67	33.17 0.16 -0.55	32.21 0.03 -0.46	37.67 0.04 -0.17
HDSNBRDG_115KV_BRDG_TB1 355580	39.93 -0.53 -0.03	37.61 -0.49 -0.20	31.62 -0.41 -0.67	33.56 -0.40 -0.47	36.23 -0.47 -0.26	38.75 -0.55 -0.05	40.41 -0.61 -0.22	37.95 -0.64 -0.78	38.10 -0.73 -0.54	35.55 -0.72 -0.22	35.68 -0.65 -0.25	32.95 -0.60 -0.13	32.98 -0.56 -0.36	33.48 -0.53 -0.58	33.99 -0.50 -0.87	35.71 -0.48 -1.70	39.45 -0.61 -1.77	41.26 -0.59 -2.40	38.20 -0.55 -2.16	37.21 -0.53 -2.18	35.63 -0.48 -1.80	33.48 -0.45 -1.48	32.47 -0.48 -1.23	37.35 -0.56 -0.45
HELLGATE_13_KV_LD 55870	43.38 2.59 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.42 2.17 -19.76	61.18 2.34 -20.56	69.53 2.29 -27.79	63.80 2.20 -25.01	62.98 2.17 -25.24	57.20 1.99 -20.90	51.62 2.04 -17.12	47.98 2.00 -14.26	45.14 2.51 -5.17
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.38 2.59 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.42 2.17 -19.76	61.18 2.34 -20.56	69.53 2.29 -27.79	63.80 2.20 -25.01	62.98 2.17 -25.24	57.20 1.99 -20.90	51.62 2.04 -17.12	47.98 2.00 -14.26	45.14 2.51 -5.17
HEMPSTEAD____ 23647	43.52 2.71 -0.38	42.55 2.35 -2.29	41.00 1.85 -7.79	40.83 1.84 -5.50	41.53 2.08 -3.00	42.30 2.43 -0.61	46.08 2.73 -2.54	49.62 2.76 -9.05	47.53 2.95 -6.30	41.37 2.74 -2.58	42.76 2.78 -3.91	42.05 2.54 -6.09	43.14 2.49 -7.47	43.42 2.54 -7.45	47.42 2.45 -11.34	56.75 2.48 -19.77	73.48 2.64 -32.55	100.56 2.60 -58.50	86.78 2.45 -47.73	74.74 2.42 -36.75	70.07 2.26 -33.50	67.41 2.21 -32.74	57.60 2.19 -23.70	47.06 2.62 -6.97
HEWLETT_69_KV_BK3 55828	43.88 3.07 -0.39	42.89 2.69 -2.29	41.28 2.13 -7.79	41.14 2.14 -5.50	41.86 2.41 -3.00	42.65 2.79 -0.61	46.45 3.10 -2.54	49.97 3.10 -9.06	47.84 3.25 -6.30	41.66 3.03 -2.58	43.05 3.07 -3.91	42.32 2.81 -6.09	43.43 2.79 -7.47	43.73 2.84 -7.45	47.76 2.69 -11.44	57.02 2.76 -19.77	74.80 2.95 -33.56	103.51 2.96 -61.09	89.06 2.82 -49.64	76.03 2.74 -37.72	71.44 2.57 -34.56	68.99 2.47 -34.06	58.65 2.44 -24.49	47.51 2.92 -7.12
HICKLING___1 23621	39.46 -1.05 -0.09	37.39 -1.06 -0.54	32.39 -0.82 -1.84	33.92 -0.87 -1.30	36.17 -0.98 -0.71	38.22 -1.18 -0.14	40.16 -1.22 -0.58	38.99 -0.87 -2.05	38.68 -1.03 -1.43	35.48 -1.15 -0.59	35.55 -1.19 -0.67	32.59 -1.17 -0.34	33.01 -1.13 -0.96	33.93 -1.04 -1.53	34.91 -1.01 -2.29	38.01 -0.97 -4.48	42.00 -0.96 -4.67	44.86 -0.91 -6.31	41.39 -0.88 -5.68	40.37 -0.92 -5.73	38.12 -0.93 -4.74	35.47 -0.88 -3.89	34.01 -0.95 -3.24	37.64 -1.05 -1.22
HICKLING___2 23622	39.46 -1.05 -0.09	37.39 -1.06 -0.54	32.39 -0.82 -1.84	33.92 -0.87 -1.30	36.17 -0.98 -0.71	38.22 -1.18 -0.14	40.16 -1.22 -0.58	38.99 -0.87 -2.05	38.68 -1.03 -1.43	35.48 -1.15 -0.59	35.55 -1.19 -0.67	32.59 -1.17 -0.34	33.01 -1.13 -0.96	33.93 -1.04 -1.53	34.91 -1.01 -2.29	38.01 -0.97 -4.48	42.00 -0.96 -4.67	44.86 -0.91 -6.31	41.39 -0.88 -5.68	40.37 -0.92 -5.73	38.12 -0.93 -4.74	35.47 -0.88 -3.89	34.01 -0.95 -3.24	37.64 -1.05 -1.22
HIGH FALLS___HY 23754	43.18 2.39 -0.37	42.07 1.90 -2.26	40.74 1.69 -7.69	40.59 1.67 -5.43	41.30 1.90 -2.96	41.93 2.08 -0.60	45.75 2.45 -2.49	49.23 2.50 -8.92	47.20 2.72 -6.20	40.87 2.27 -2.55	41.76 2.27 -3.41	39.33 1.97 -3.94	41.04 1.96 -5.90	42.53 2.07 -7.02	45.68 2.08 -9.97	56.19 2.21 -19.49	61.14 2.57 -20.29	69.48 2.60 -27.42	63.76 2.49 -24.68	62.93 2.45 -24.91	57.16 2.23 -20.63	51.52 2.17 -16.89	47.89 2.09 -14.07	45.00 2.44 -5.10
HIGH_RIVER___SOLAR 323847	42.35 1.45 -0.47	42.21 1.40 -2.90	42.27 1.07 -9.84	41.65 1.20 -6.95	41.55 1.31 -3.79	41.43 1.41 -0.77	45.51 1.51 -3.20	50.72 1.47 -11.43	47.61 1.38 -7.95	40.25 0.94 -3.27	40.81 0.76 -3.98	37.22 0.67 -3.13	40.09 0.70 -6.21	42.94 0.80 -8.70	47.38 0.98 -12.77	60.75 1.28 -24.98	65.89 1.61 -26.00	76.38 1.78 -35.14	69.83 1.61 -31.62	69.05 1.56 -31.92	62.25 1.51 -26.44	55.50 1.39 -21.65	51.06 1.30 -18.04	45.50 1.50 -6.53

HILLBURN___GT 23639	42.96 2.18 -0.36	41.93 1.82 -2.20	40.40 1.57 -7.47	40.38 1.61 -5.28	41.11 1.79 -2.88	41.76 1.92 -0.59	45.39 2.16 -2.43	48.75 2.27 -8.67	46.77 2.45 -6.03	40.80 2.27 -2.48	42.55 2.27 -4.21	43.56 2.07 -8.07	43.97 2.06 -8.73	43.02 2.11 -7.48	45.37 2.05 -9.69	55.52 2.07 -18.96	60.31 2.30 -19.73	68.45 2.33 -26.67	62.75 2.16 -24.00	61.92 2.13 -24.22	56.32 1.95 -20.06	50.80 1.91 -16.43	47.24 1.84 -13.69	44.56 2.13 -4.96
HILLSIDE_115KV_TB1 80332	39.10 -1.41 -0.09	37.07 -1.40 -0.56	32.14 -1.13 -1.91	33.63 -1.21 -1.35	35.87 -1.31 -0.74	37.87 -1.53 -0.15	39.81 -1.59 -0.60	38.70 -1.25 -2.14	38.39 -1.38 -1.49	35.25 -1.41 -0.61	35.29 -1.48 -0.70	32.37 -1.40 -0.36	32.79 -1.39 -1.00	33.69 -1.34 -1.59	34.70 -1.31 -2.39	37.88 -1.28 -4.67	41.80 -1.34 -4.86	44.72 -1.30 -6.57	41.26 -1.24 -5.91	40.29 -1.24 -5.96	38.01 -1.23 -4.94	35.33 -1.17 -4.05	33.85 -1.24 -3.37	37.31 -1.42 -1.27
HISHELDN_WT_PWR 323625	37.62 -2.87 -0.06	35.51 -2.77 -0.37	30.36 -2.26 -1.26	31.97 -2.41 -0.89	34.38 -2.55 -0.48	36.36 -2.98 -0.10	37.81 -3.35 -0.35	35.77 -3.29 -1.25	35.78 -3.37 -0.87	32.95 -3.46 -0.36	32.91 -3.57 -0.41	30.46 -3.18 -0.21	30.52 -3.25 -0.59	31.09 -3.28 -0.93	31.76 -3.26 -1.39	33.90 -3.31 -2.72	37.59 -3.52 -2.83	39.80 -3.47 -3.82	36.67 -3.37 -3.44	35.84 -3.20 -3.47	34.02 -3.16 -2.87	31.86 -2.95 -2.35	30.89 -2.79 -1.96	35.57 -2.73 -0.83
HOLTSVILLE_IC_1 23690	43.84 3.03 -0.38	42.82 2.61 -2.29	41.16 2.01 -7.79	40.97 1.98 -5.50	41.71 2.26 -3.00	42.57 2.71 -0.61	46.40 3.06 -2.54	49.96 3.10 -9.05	47.83 3.25 -6.29	41.55 2.92 -2.58	42.90 2.92 -3.90	42.18 2.67 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.21 2.66 -10.93	56.78 2.52 -19.77	69.77 2.91 -28.58	90.66 2.88 -48.32	79.54 2.75 -40.20	71.14 2.63 -32.94	66.03 2.40 -29.33	62.30 2.27 -27.57	54.58 2.29 -20.57	46.61 2.77 -6.37
HOLTSVILLE_IC_10 23699	44.08 3.27 -0.38	43.01 2.81 -2.29	41.31 2.16 -7.79	41.10 2.11 -5.50	41.89 2.44 -3.00	42.77 2.90 -0.61	46.61 3.27 -2.54	50.19 3.33 -9.05	48.06 3.48 -6.29	41.73 3.10 -2.58	43.08 3.10 -3.90	42.34 2.84 -6.09	43.39 2.75 -7.46	43.72 2.84 -7.44	47.42 2.86 -10.94	56.98 2.72 -19.77	70.10 3.18 -28.64	91.09 3.16 -48.48	79.91 3.00 -40.31	71.45 2.88 -33.00	66.34 2.64 -29.39	62.60 2.50 -27.64	54.81 2.48 -20.62	46.81 2.96 -6.38
HOLTSVILLE_IC_2 23691	43.84 3.03 -0.38	42.82 2.61 -2.29	41.16 2.01 -7.79	40.97 1.98 -5.50	41.71 2.26 -3.00	42.57 2.71 -0.61	46.40 3.06 -2.54	49.96 3.10 -9.05	47.83 3.25 -6.29	41.55 2.92 -2.58	42.90 2.92 -3.90	42.18 2.67 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.21 2.66 -10.93	56.78 2.52 -19.77	69.77 2.91 -28.58	90.66 2.88 -48.32	79.54 2.75 -40.20	71.14 2.63 -32.94	66.03 2.40 -29.33	62.30 2.27 -27.57	54.58 2.29 -20.57	46.61 2.77 -6.37
HOLTSVILLE_IC_3 23692	43.84 3.03 -0.38	42.82 2.61 -2.29	41.16 2.01 -7.79	40.97 1.98 -5.50	41.71 2.26 -3.00	42.57 2.71 -0.61	46.40 3.06 -2.54	49.96 3.10 -9.05	47.83 3.25 -6.29	41.55 2.92 -2.58	42.90 2.92 -3.90	42.18 2.67 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.21 2.66 -10.93	56.78 2.52 -19.77	69.77 2.91 -28.58	90.66 2.88 -48.32	79.54 2.75 -40.20	71.14 2.63 -32.94	66.03 2.40 -29.33	62.30 2.27 -27.57	54.58 2.29 -20.57	46.61 2.77 -6.37
HOLTSVILLE_IC_4 23693	43.84 3.03 -0.38	42.82 2.61 -2.29	41.16 2.01 -7.79	40.97 1.98 -5.50	41.71 2.26 -3.00	42.57 2.71 -0.61	46.40 3.06 -2.54	49.96 3.10 -9.05	47.83 3.25 -6.29	41.55 2.92 -2.58	42.90 2.92 -3.90	42.18 2.67 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.21 2.66 -10.93	56.78 2.52 -19.77	69.77 2.91 -28.58	90.66 2.88 -48.32	79.54 2.75 -40.20	71.14 2.63 -32.94	66.03 2.40 -29.33	62.30 2.27 -27.57	54.58 2.29 -20.57	46.61 2.77 -6.37
HOLTSVILLE_IC_5 23694	43.84 3.03 -0.38	42.82 2.61 -2.29	41.16 2.01 -7.79	40.97 1.98 -5.50	41.71 2.26 -3.00	42.57 2.71 -0.61	46.40 3.06 -2.54	49.96 3.10 -9.05	47.83 3.25 -6.29	41.55 2.92 -2.58	42.90 2.92 -3.90	42.18 2.67 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.21 2.66 -10.93	56.78 2.52 -19.77	69.77 2.91 -28.58	90.66 2.88 -48.32	79.54 2.75 -40.20	71.14 2.63 -32.94	66.03 2.40 -29.33	62.30 2.27 -27.57	54.58 2.29 -20.57	46.61 2.77 -6.37
HOLTSVILLE_IC_6 23695	44.08 3.27 -0.38	43.01 2.81 -2.29	41.31 2.16 -7.79	41.10 2.11 -5.50	41.89 2.44 -3.00	42.77 2.90 -0.61	46.61 3.27 -2.54	50.19 3.33 -9.05	48.06 3.48 -6.29	41.73 3.10 -2.58	43.08 3.10 -3.90	42.34 2.84 -6.09	43.39 2.75 -7.46	43.72 2.84 -7.44	47.42 2.86 -10.94	56.98 2.72 -19.77	70.10 3.18 -28.64	91.09 3.16 -48.48	79.91 3.00 -40.31	71.45 2.88 -33.00	66.34 2.64 -29.39	62.60 2.50 -27.64	54.81 2.48 -20.62	46.81 2.96 -6.38
HOLTSVILLE_IC_7 23696	44.08 3.27 -0.38	43.01 2.81 -2.29	41.31 2.16 -7.79	41.10 2.11 -5.50	41.89 2.44 -3.00	42.77 2.90 -0.61	46.61 3.27 -2.54	50.19 3.33 -9.05	48.06 3.48 -6.29	41.73 3.10 -2.58	43.08 3.10 -3.90	42.34 2.84 -6.09	43.39 2.75 -7.46	43.72 2.84 -7.44	47.42 2.86 -10.94	56.98 2.72 -19.77	70.10 3.18 -28.64	91.09 3.16 -48.48	79.91 3.00 -40.31	71.45 2.88 -33.00	66.34 2.64 -29.39	62.60 2.50 -27.64	54.81 2.48 -20.62	46.81 2.96 -6.38
HOLTSVILLE_IC_8 23697	44.08 3.27 -0.38	43.01 2.81 -2.29	41.31 2.16 -7.79	41.10 2.11 -5.50	41.89 2.44 -3.00	42.77 2.90 -0.61	46.61 3.27 -2.54	50.19 3.33 -9.05	48.06 3.48 -6.29	41.73 3.10 -2.58	43.08 3.10 -3.90	42.34 2.84 -6.09	43.39 2.75 -7.46	43.72 2.84 -7.44	47.42 2.86 -10.94	56.98 2.72 -19.77	70.10 3.18 -28.64	91.09 3.16 -48.48	79.91 3.00 -40.31	71.45 2.88 -33.00	66.34 2.64 -29.39	62.60 2.50 -27.64	54.81 2.48 -20.62	46.81 2.96 -6.38
HOLTSVILLE_IC_9 23698	44.08 3.27 -0.38	43.01 2.81 -2.29	41.31 2.16 -7.79	41.10 2.11 -5.50	41.89 2.44 -3.00	42.77 2.90 -0.61	46.61 3.27 -2.54	50.19 3.33 -9.05	48.06 3.48 -6.29	41.73 3.10 -2.58	43.08 3.10 -3.90	42.34 2.84 -6.09	43.39 2.75 -7.46	43.72 2.84 -7.44	47.42 2.86 -10.94	56.98 2.72 -19.77	70.10 3.18 -28.64	91.09 3.16 -48.48	79.91 3.00 -40.31	71.45 2.88 -33.00	66.34 2.64 -29.39	62.60 2.50 -27.64	54.81 2.48 -20.62	46.81 2.96 -6.38
HOMER_HL_115KV_TB2 355744	36.73 -3.76 -0.06	34.57 -3.71 -0.38	29.64 -3.01 -1.29	31.15 -3.25 -0.91	33.52 -3.43 -0.50	35.39 -3.96 -0.10	37.13 -4.04 -0.36	35.92 -3.18 -1.28	35.89 -3.29 -0.89	33.21 -3.21 -0.37	33.10 -3.39 -0.42	30.43 -3.21 -0.22	30.53 -3.25 -0.60	31.25 -3.14 -0.96	31.94 -3.13 -1.44	34.12 -3.17 -2.80	37.91 -3.29 -2.92	40.24 -3.16 -3.94	37.07 -3.07 -3.55	36.12 -3.02 -3.58	34.32 -2.95 -2.97	31.93 -2.95 -2.43	30.70 -3.05 -2.02	34.50 -3.82 -0.85
HOWARD_WT_PWR 323690	38.31 -2.18 -0.07	36.27 -2.08 -0.44	31.17 -1.69 -1.50	32.78 -1.78 -1.06	35.13 -1.90 -0.58	37.17 -2.20 -0.12	38.90 -2.37 -0.46	37.47 -1.97 -1.63	37.31 -2.11 -1.13	34.25 -2.27 -0.47	34.22 -2.38 -0.53	31.42 -2.27 -0.27	31.66 -2.29 -0.76	32.44 -2.21 -1.21	33.33 -2.12 -1.82	35.98 -2.07 -3.56	39.85 -2.14 -3.71	42.41 -2.05 -5.01	39.12 -1.98 -4.51	38.09 -2.03 -4.55	36.12 -1.95 -3.77	33.63 -1.92 -3.09	32.39 -1.90 -2.57	36.48 -1.99 -1.00

HQ_GEN_CEDARS 23644	37.48 -2.95 -0.01	35.63 -2.31 -0.04	29.23 -2.26 -0.13	31.20 -2.38 -0.09	34.16 -2.33 -0.05	36.86 -2.39 -0.01	38.85 -2.00 -0.04	36.67 -1.29 -0.15	37.54 -0.84 -0.10	35.37 -0.72 -0.04	35.15 -0.97 -0.05	32.17 -1.27 -0.02	31.79 -1.46 -0.07	31.91 -1.64 -0.11	31.91 -1.88 -0.16	32.67 -2.14 -0.32	37.16 -1.45 -0.33	38.21 -1.70 -0.45	35.17 -1.83 -0.40	33.70 -2.28 -0.41	32.48 -2.16 -0.34	30.20 -2.53 -0.28	29.76 -2.19 -0.23	35.23 -2.32 -0.08
HQ_GEN_CEDARS_PROXY 323590	37.48 -2.95 -0.01	35.63 -2.31 -0.04	29.23 -2.26 -0.13	31.20 -2.38 -0.09	34.16 -2.33 -0.05	36.86 -2.40 -0.01	38.85 -2.00 -0.04	36.67 -1.29 -0.15	37.54 -0.84 -0.10	35.37 -0.72 -0.04	35.15 -0.97 -0.05	32.17 -1.27 -0.02	31.79 -1.46 -0.07	31.91 -1.64 -0.11	31.91 -1.88 -0.16	32.67 -2.14 -0.32	37.16 -1.45 -0.33	38.21 -1.70 -0.45	35.17 -1.83 -0.40	33.70 -2.28 -0.41	32.48 -2.16 -0.34	30.20 -2.53 -0.28	29.76 -2.19 -0.23	35.23 -2.32 -0.08
HQ_GEN_IMPORT 323601	40.43 0.00 0.00	37.91 0.00 0.00	31.36 0.00 0.00	33.49 0.00 0.00	36.45 0.00 0.00	39.25 0.00 0.00	40.81 0.00 0.00	37.81 0.00 0.00	38.28 0.00 0.00	36.05 0.00 0.00	36.07 0.00 0.00	33.42 0.00 0.00	33.18 0.00 0.00	33.44 0.00 0.00	33.63 0.00 0.00	34.49 0.00 0.00	38.29 0.00 0.00	39.46 0.00 0.00	36.59 0.00 0.00	35.57 0.00 0.00	34.30 0.00 0.00	32.46 0.00 0.00	31.72 0.00 0.00	37.47 0.00 0.00
HQ_GEN_WHEEL 23651	40.43 0.00 0.00	37.91 0.00 0.00	31.36 0.00 0.00	33.49 0.00 0.00	36.45 0.00 0.00	39.25 0.00 0.00	40.81 0.00 0.00	37.81 0.00 0.00	38.28 0.00 0.00	36.05 0.00 0.00	36.07 0.00 0.00	33.42 0.00 0.00	33.18 0.00 0.00	33.44 0.00 0.00	33.63 0.00 0.00	34.49 0.00 0.00	38.29 0.00 0.00	39.46 0.00 0.00	36.59 0.00 0.00	35.57 0.00 0.00	34.30 0.00 0.00	32.46 0.00 0.00	31.72 0.00 0.00	37.47 0.00 0.00
HUDSON_AVE_GT_3 23810	43.30 2.51 -0.37	42.32 2.12 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	42.02 2.16 -0.61	45.82 2.49 -2.53	49.42 2.57 -9.04	47.36 2.79 -6.28	41.30 2.67 -2.58	42.71 2.74 -3.90	42.01 2.51 -6.09	43.13 2.49 -7.46	43.41 2.54 -7.43	46.12 2.39 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.85 2.60 -27.79	64.05 2.45 -25.01	63.23 2.42 -25.24	57.44 2.23 -20.90	51.75 2.17 -17.12	48.11 2.13 -14.26	45.22 2.59 -5.17
HUDSON_AVE_GT_4 23540	43.30 2.51 -0.37	42.32 2.12 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	42.02 2.16 -0.61	45.82 2.49 -2.53	49.42 2.57 -9.04	47.36 2.79 -6.28	41.30 2.67 -2.58	42.71 2.74 -3.90	42.01 2.51 -6.09	43.13 2.49 -7.46	43.41 2.54 -7.43	46.12 2.39 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.85 2.60 -27.79	64.05 2.45 -25.01	63.23 2.42 -25.24	57.44 2.23 -20.90	51.75 2.17 -17.12	48.11 2.13 -14.26	45.22 2.59 -5.17
HUDSON_AVE_GT_5 23657	43.30 2.51 -0.37	42.32 2.12 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	42.02 2.16 -0.61	45.82 2.49 -2.53	49.42 2.57 -9.04	47.36 2.79 -6.28	41.30 2.67 -2.58	42.71 2.74 -3.90	42.01 2.51 -6.09	43.13 2.49 -7.46	43.41 2.54 -7.43	46.12 2.39 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.85 2.60 -27.79	64.05 2.45 -25.01	63.23 2.42 -25.24	57.44 2.23 -20.90	51.75 2.17 -17.12	48.11 2.13 -14.26	45.22 2.59 -5.17
HUDSON_AVE_10 24168	43.18 2.39 -0.37	42.17 1.97 -2.29	40.87 1.72 -7.79	40.77 1.78 -5.50	41.38 1.93 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.64 2.67 -3.90	41.98 2.47 -6.09	43.06 2.42 -7.46	43.34 2.47 -7.43	46.05 2.32 -10.10	56.56 2.31 -19.75	61.37 2.53 -20.56	69.77 2.53 -27.79	63.94 2.34 -25.01	63.12 2.31 -25.24	57.34 2.13 -20.90	51.72 2.14 -17.12	48.04 2.06 -14.26	45.10 2.47 -5.17
HUDSON___115KV_TB 4 355613	41.99 1.13 -0.43	41.90 1.33 -2.66	41.40 1.00 -9.04	41.05 1.17 -6.38	41.21 1.28 -3.48	41.37 1.41 -0.71	44.96 1.22 -2.93	49.36 1.06 -10.49	46.65 1.07 -7.30	39.95 0.90 -3.00	40.71 0.87 -3.77	37.64 0.77 -3.46	40.06 0.76 -6.11	42.25 0.74 -8.08	46.16 0.81 -11.73	58.36 0.93 -22.94	63.34 1.19 -23.87	73.10 1.38 -32.26	66.94 1.32 -29.03	66.12 1.24 -29.30	59.77 1.20 -24.27	53.37 1.04 -19.87	49.29 1.02 -16.56	44.58 1.12 -5.99
HUNTER MOUNT___DRP 323613	41.90 1.05 -0.42	41.79 1.29 -2.60	41.15 0.97 -8.82	40.86 1.14 -6.23	41.12 1.28 -3.40	41.36 1.41 -0.69	44.85 1.18 -2.86	49.03 0.98 -10.24	46.36 0.96 -7.12	39.69 0.72 -2.93	40.45 0.65 -3.73	37.60 0.57 -3.61	39.88 0.56 -6.13	41.89 0.53 -7.92	45.71 0.64 -11.44	57.73 0.86 -22.38	62.72 1.15 -23.29	72.28 1.34 -31.48	66.24 1.32 -28.33	65.40 1.24 -28.59	59.15 1.17 -23.68	52.86 1.01 -19.39	48.83 0.95 -16.16	44.33 1.01 -5.85
HUNTINGTON_RES_REC 323705	44.08 3.27 -0.38	43.05 2.84 -2.29	41.35 2.19 -7.79	41.17 2.18 -5.50	41.93 2.48 -3.00	42.81 2.95 -0.61	46.65 3.30 -2.54	50.19 3.33 -9.05	48.06 3.48 -6.29	41.80 3.17 -2.58	43.15 3.18 -3.90	42.41 2.91 -6.09	43.50 2.85 -7.46	43.82 2.94 -7.44	47.46 2.89 -10.94	57.12 2.86 -19.77	70.18 3.22 -28.67	91.29 3.27 -48.56	80.04 3.07 -40.38	71.59 2.99 -33.03	66.48 2.75 -29.43	62.77 2.63 -27.69	54.93 2.57 -20.65	46.93 3.07 -6.39
HUNTLEY___63 23557	37.81 -2.67 -0.05	35.65 -2.58 -0.32	30.31 -2.13 -1.09	31.98 -2.28 -0.77	34.53 -2.33 -0.42	36.51 -2.83 -0.09	37.79 -3.31 -0.29	35.27 -3.55 -1.02	35.43 -3.56 -0.71	32.70 -3.64 -0.29	32.73 -3.68 -0.33	30.42 -3.17 -0.17	30.44 -3.22 -0.48	30.85 -3.34 -0.76	31.40 -3.36 -1.14	33.22 -3.48 -2.22	36.88 -3.71 -2.30	38.90 -3.67 -3.11	35.81 -3.59 -2.80	35.02 -3.38 -2.83	33.29 -3.36 -2.34	31.29 -3.08 -1.92	30.50 -2.82 -1.60	35.64 -2.55 -0.72
HUNTLEY___64 23558	37.81 -2.67 -0.05	35.65 -2.58 -0.32	30.31 -2.13 -1.09	31.98 -2.28 -0.77	34.53 -2.33 -0.42	36.51 -2.83 -0.09	37.79 -3.31 -0.29	35.27 -3.55 -1.02	35.43 -3.56 -0.71	32.70 -3.64 -0.29	32.73 -3.68 -0.33	30.42 -3.17 -0.17	30.44 -3.22 -0.48	30.85 -3.34 -0.76	31.40 -3.36 -1.14	33.22 -3.48 -2.22	36.88 -3.71 -2.30	38.90 -3.67 -3.11	35.81 -3.59 -2.80	35.02 -3.38 -2.83	33.29 -3.36 -2.34	31.29 -3.08 -1.92	30.50 -2.82 -1.60	35.64 -2.55 -0.72
HUNTLEY___65 23559	37.81 -2.67 -0.05	35.65 -2.58 -0.32	30.31 -2.13 -1.09	31.98 -2.28 -0.77	34.53 -2.33 -0.42	36.51 -2.83 -0.09	37.79 -3.31 -0.29	35.27 -3.55 -1.02	35.43 -3.56 -0.71	32.70 -3.64 -0.29	32.73 -3.68 -0.33	30.42 -3.17 -0.17	30.44 -3.22 -0.48	30.85 -3.34 -0.76	31.40 -3.36 -1.14	33.22 -3.48 -2.22	36.88 -3.71 -2.30	38.90 -3.67 -3.11	35.81 -3.59 -2.80	35.02 -3.38 -2.83	33.29 -3.36 -2.34	31.29 -3.08 -1.92	30.50 -2.82 -1.60	35.64 -2.55 -0.72
HUNTLEY___66 23560	37.81 -2.67 -0.05	35.65 -2.58 -0.32	30.31 -2.13 -1.09	31.98 -2.28 -0.77	34.53 -2.33 -0.42	36.51 -2.83 -0.09	37.79 -3.31 -0.29	35.27 -3.55 -1.02	35.43 -3.56 -0.71	32.70 -3.64 -0.29	32.73 -3.68 -0.33	30.42 -3.17 -0.17	30.44 -3.22 -0.48	30.85 -3.34 -0.76	31.40 -3.36 -1.14	33.22 -3.48 -2.22	36.88 -3.71 -2.30	38.90 -3.67 -3.11	35.81 -3.59 -2.80	35.02 -3.38 -2.83	33.29 -3.36 -2.34	31.29 -3.08 -1.92	30.50 -2.82 -1.60	35.64 -2.55 -0.72

HUNTLEY___67 23561	37.57 -2.91 -0.05	35.43 -2.81 -0.33	30.15 -2.32 -1.11	31.80 -2.48 -0.78	34.29 -2.59 -0.43	36.27 -3.06 -0.09	37.54 -3.55 -0.29	35.12 -3.71 -1.02	35.24 -3.75 -0.71	32.52 -3.82 -0.29	32.55 -3.86 -0.33	30.25 -3.34 -0.17	30.27 -3.38 -0.48	30.68 -3.51 -0.76	31.23 -3.53 -1.13	33.05 -3.66 -2.21	36.68 -3.91 -2.30	38.66 -3.91 -3.11	35.62 -3.77 -2.80	34.84 -3.56 -2.82	33.15 -3.50 -2.34	31.16 -3.21 -1.92	30.34 -2.98 -1.60	35.39 -2.81 -0.73
HUNTLEY___68 23562	37.57 -2.91 -0.05	35.43 -2.81 -0.33	30.15 -2.32 -1.11	31.80 -2.48 -0.78	34.29 -2.59 -0.43	36.27 -3.06 -0.09	37.54 -3.55 -0.29	35.12 -3.71 -1.02	35.24 -3.75 -0.71	32.52 -3.82 -0.29	32.55 -3.86 -0.33	30.25 -3.34 -0.17	30.27 -3.38 -0.48	30.68 -3.51 -0.76	31.23 -3.53 -1.13	33.05 -3.66 -2.21	36.68 -3.91 -2.30	38.66 -3.91 -3.11	35.62 -3.77 -2.80	34.84 -3.56 -2.82	33.15 -3.50 -2.34	31.16 -3.21 -1.92	30.34 -2.98 -1.60	35.39 -2.81 -0.73
HYLAND___LFG 323620	39.88 -0.61 -0.06	37.86 -0.42 -0.36	32.13 -0.47 -1.24	33.93 -0.44 -0.87	36.60 -0.33 -0.48	38.95 -0.39 -0.10	40.66 -0.53 -0.38	38.88 -0.30 -1.37	38.59 -0.65 -0.95	34.96 -1.48 -0.39	34.68 -1.84 -0.45	31.84 -1.81 -0.23	32.03 -1.79 -0.64	32.65 -1.81 -1.02	33.54 -1.61 -1.53	36.06 -1.42 -2.99	40.44 -0.96 -3.11	43.43 -0.24 -4.21	40.23 -0.15 -3.78	39.42 0.04 -3.82	37.37 -0.10 -3.16	34.79 -0.26 -2.59	33.69 -0.19 -2.16	38.29 0.00 -0.82
INDECK___CORINTH 23802	43.31 2.43 -0.45	43.11 2.39 -2.81	42.69 1.79 -9.54	42.31 2.08 -6.74	42.35 2.22 -3.67	42.39 2.39 -0.75	46.52 2.61 -3.10	51.42 2.53 -11.08	48.55 2.57 -7.70	41.56 2.34 -3.17	42.31 2.34 -3.89	38.69 2.04 -3.23	41.46 2.13 -6.16	44.00 2.11 -8.46	48.26 2.25 -12.38	61.05 2.35 -24.21	66.12 2.64 -25.20	76.40 2.88 -34.06	69.84 2.60 -30.65	69.03 2.53 -30.94	62.33 2.40 -25.62	55.58 2.14 -20.98	51.29 2.09 -17.48	46.19 2.40 -6.33
INDECK___ILION 23567	40.83 0.40 0.00	38.29 0.38 0.00	31.61 0.25 0.00	33.79 0.30 0.00	36.78 0.33 0.00	39.64 0.39 0.00	41.21 0.41 0.00	38.23 0.42 0.00	38.74 0.46 0.00	36.48 0.43 0.00	36.47 0.40 0.00	33.79 0.37 0.00	33.55 0.36 0.00	33.80 0.37 0.00	34.03 0.40 0.00	34.90 0.41 0.00	38.79 0.50 0.00	39.97 0.51 0.00	37.07 0.48 0.00	36.00 0.43 0.00	34.68 0.38 0.00	32.82 0.36 0.00	32.07 0.35 0.00	37.88 0.41 0.00
INDECK___OLEAN 23982	36.73 -3.76 -0.06	34.57 -3.71 -0.38	29.64 -3.01 -1.29	31.15 -3.25 -0.91	33.52 -3.43 -0.50	35.39 -3.96 -0.10	37.13 -4.04 -0.36	35.92 -3.18 -1.28	35.89 -3.29 -0.89	33.21 -3.21 -0.37	33.10 -3.39 -0.42	30.43 -3.21 -0.22	30.53 -3.25 -0.60	31.25 -3.14 -0.96	31.94 -3.13 -1.44	34.05 -3.24 -2.80	37.83 -3.37 -2.92	40.12 -3.27 -3.94	36.96 -3.18 -3.55	36.05 -3.09 -3.58	34.25 -3.02 -2.97	31.87 -3.02 -2.43	30.70 -3.05 -2.02	34.50 -3.82 -0.85
INDECK___OSWEGO 23783	39.48 -0.97 -0.03	37.16 -0.91 -0.17	31.20 -0.72 -0.56	33.12 -0.77 -0.40	35.79 -0.88 -0.22	38.35 -0.94 -0.04	39.97 -1.02 -0.18	37.37 -1.10 -0.65	37.55 -1.19 -0.45	35.12 -1.12 -0.19	35.20 -1.08 -0.21	32.53 -1.00 -0.11	32.52 -0.96 -0.31	32.99 -0.94 -0.49	33.42 -0.94 -0.73	34.99 -0.93 -1.43	38.66 -1.11 -1.48	40.36 -1.10 -2.01	37.41 -0.99 -1.81	36.47 -0.92 -1.82	34.96 -0.86 -1.51	32.88 -0.81 -1.24	31.92 -0.82 -1.03	36.83 -1.01 -0.37
INDECK___YERKES 23781	37.85 -2.63 -0.05	35.69 -2.54 -0.32	30.35 -2.10 -1.09	32.02 -2.24 -0.77	34.57 -2.30 -0.42	36.55 -2.79 -0.09	37.83 -3.27 -0.29	35.31 -3.52 -1.02	35.47 -3.52 -0.71	32.74 -3.60 -0.29	32.77 -3.64 -0.33	30.45 -3.14 -0.17	30.47 -3.19 -0.48	30.88 -3.31 -0.76	31.43 -3.33 -1.14	33.26 -3.45 -2.22	36.88 -3.71 -2.30	38.94 -3.63 -3.11	35.85 -3.55 -2.80	35.05 -3.34 -2.83	33.32 -3.33 -2.34	31.33 -3.05 -1.92	30.53 -2.79 -1.60	35.68 -2.51 -0.72
INDIAN POINT_GT_1 24139	42.98 2.18 -0.37	42.00 1.82 -2.28	40.68 1.60 -7.72	40.55 1.61 -5.45	41.21 1.79 -2.98	41.78 1.92 -0.61	45.48 2.16 -2.51	49.04 2.27 -8.96	46.97 2.45 -6.23	40.92 2.31 -2.56	42.33 2.31 -3.95	42.00 2.14 -6.44	42.99 2.12 -7.68	43.01 2.14 -7.44	45.73 2.08 -10.02	56.19 2.10 -19.59	61.01 2.34 -20.39	69.34 2.33 -27.56	63.59 2.20 -24.80	62.77 2.17 -25.03	57.03 1.99 -20.73	51.38 1.95 -16.98	47.73 1.87 -14.14	44.76 2.17 -5.12
INDIAN POINT_GT_2 23659	42.98 2.18 -0.37	42.00 1.82 -2.28	40.68 1.60 -7.72	40.55 1.61 -5.45	41.21 1.79 -2.98	41.78 1.92 -0.61	45.48 2.16 -2.51	49.04 2.27 -8.96	46.97 2.45 -6.23	40.92 2.31 -2.56	42.33 2.31 -3.95	42.00 2.14 -6.44	42.99 2.12 -7.68	43.01 2.14 -7.44	45.73 2.08 -10.02	56.19 2.10 -19.59	61.01 2.34 -20.39	69.34 2.33 -27.56	63.59 2.20 -24.80	62.77 2.17 -25.03	57.03 1.99 -20.73	51.38 1.95 -16.98	47.73 1.87 -14.14	44.76 2.17 -5.12
INDIAN POINT_GT_3 24019	42.98 2.18 -0.37	42.00 1.82 -2.28	40.68 1.60 -7.72	40.55 1.61 -5.45	41.21 1.79 -2.98	41.78 1.92 -0.61	45.48 2.16 -2.51	49.04 2.27 -8.96	46.97 2.45 -6.23	40.92 2.31 -2.56	42.33 2.31 -3.95	42.00 2.14 -6.44	42.99 2.12 -7.68	43.01 2.14 -7.44	45.73 2.08 -10.02	56.19 2.10 -19.59	61.01 2.34 -20.39	69.34 2.33 -27.56	63.59 2.20 -24.80	62.77 2.17 -25.03	57.03 1.99 -20.73	51.38 1.95 -16.98	47.73 1.87 -14.14	44.76 2.17 -5.12
INDIAN POINT___2 23530	42.93 2.14 -0.36	41.94 1.78 -2.25	40.57 1.57 -7.64	40.50 1.61 -5.40	41.14 1.75 -2.94	41.73 1.88 -0.60	45.41 2.12 -2.48	48.91 2.23 -8.87	46.86 2.41 -6.16	40.82 2.24 -2.53	42.35 2.27 -4.00	42.32 2.07 -6.83	43.16 2.06 -7.93	42.97 2.11 -7.43	45.55 2.02 -9.91	55.90 2.03 -19.38	60.71 2.26 -20.17	69.01 2.29 -27.26	63.25 2.12 -24.53	62.43 2.10 -24.76	56.77 1.95 -20.51	51.13 1.88 -16.79	47.55 1.84 -13.99	44.67 2.13 -5.07
INDIAN POINT___3 23531	42.94 2.14 -0.37	42.00 1.82 -2.28	40.66 1.57 -7.73	40.56 1.61 -5.46	41.17 1.75 -2.98	41.74 1.88 -0.61	45.44 2.12 -2.51	49.01 2.23 -8.97	46.93 2.41 -6.23	40.85 2.23 -2.56	42.30 2.27 -3.95	41.93 2.07 -6.44	42.92 2.06 -7.68	42.98 2.11 -7.44	45.67 2.02 -10.02	56.12 2.03 -19.60	60.98 2.30 -20.40	69.31 2.29 -27.57	63.56 2.16 -24.81	62.71 2.10 -25.04	57.00 1.96 -20.74	51.32 1.88 -16.98	47.71 1.84 -14.15	44.76 2.17 -5.12
INGHAM_C_115KV_TB7 356103	41.15 0.73 0.00	38.59 0.68 0.00	31.86 0.50 0.00	34.06 0.57 0.00	37.11 0.66 0.00	40.03 0.78 0.00	41.54 0.73 0.00	38.57 0.76 0.00	39.05 0.77 0.00	36.81 0.76 0.00	36.76 0.69 0.00	34.05 0.63 0.00	33.84 0.66 0.00	34.10 0.67 0.00	34.33 0.71 0.00	35.25 0.76 0.00	39.13 0.84 0.00	40.32 0.87 0.00	37.36 0.77 0.00	36.32 0.75 0.00	34.96 0.65 0.00	33.11 0.65 0.00	32.32 0.60 0.00	38.22 0.75 0.00
IP CORINTH___1 23988	43.31 2.43 -0.45	43.11 2.39 -2.81	42.69 1.79 -9.54	42.31 2.08 -6.74	42.35 2.22 -3.67	42.39 2.39 -0.75	46.52 2.61 -3.10	51.42 2.53 -11.08	48.55 2.57 -7.70	41.56 2.34 -3.17	42.31 2.34 -3.89	38.69 2.04 -3.23	41.46 2.12 -6.16	44.00 2.11 -8.46	48.26 2.25 -12.38	61.05 2.35 -24.21	66.13 2.64 -25.20	76.40 2.88 -34.06	69.84 2.60 -30.65	69.03 2.53 -30.94	62.33 2.40 -25.62	55.58 2.14 -20.98	51.29 2.09 -17.48	46.19 2.40 -6.33

IP___TICONDEROGA 23804	44.84 3.96 -0.45	44.70 3.98 -2.81	43.81 2.92 -9.53	43.64 3.42 -6.73	43.80 3.68 -3.67	43.92 3.92 -0.75	48.23 4.33 -3.09	53.00 4.12 -11.07	50.07 4.10 -7.69	42.96 3.75 -3.16	43.72 3.75 -3.89	39.97 3.31 -3.24	42.79 3.45 -6.16	45.37 3.48 -8.45	49.69 3.70 -12.37	62.51 3.83 -24.19	67.86 4.40 -25.17	78.41 4.93 -34.02	71.71 4.50 -30.62	70.85 4.37 -30.90	64.02 4.12 -25.59	57.09 3.67 -20.96	52.61 3.43 -17.46	47.72 3.93 -6.32
ISLIP_RES_REC 323679	44.20 3.40 -0.38	43.16 2.96 -2.29	41.41 2.26 -7.79	41.24 2.24 -5.50	42.00 2.55 -3.00	42.92 3.06 -0.61	46.77 3.43 -2.54	50.34 3.48 -9.05	48.18 3.60 -6.29	41.88 3.25 -2.58	43.23 3.25 -3.90	42.48 2.97 -6.09	43.53 2.89 -7.46	43.85 2.97 -7.44	47.56 2.99 -10.94	57.12 2.86 -19.77	70.33 3.37 -28.68	91.42 3.39 -48.57	80.20 3.22 -40.38	71.66 3.06 -33.03	66.55 2.81 -29.43	62.81 2.66 -27.69	54.97 2.60 -20.65	47.00 3.15 -6.39
JAMAICA__27_KV_LOAD 355505	43.26 2.47 -0.37	42.29 2.08 -2.29	40.94 1.79 -7.79	40.83 1.84 -5.50	41.42 1.97 -3.00	42.06 2.20 -0.61	45.90 2.57 -2.53	49.54 2.68 -9.04	47.48 2.91 -6.28	41.41 2.78 -2.58	42.86 2.89 -3.90	42.15 2.64 -6.09	43.26 2.62 -7.46	43.55 2.67 -7.43	46.22 2.49 -10.10	56.69 2.45 -19.75	61.49 2.64 -20.56	69.97 2.72 -27.79	64.16 2.56 -25.01	63.33 2.53 -25.24	57.47 2.26 -20.90	51.91 2.34 -17.12	48.23 2.25 -14.26	45.29 2.66 -5.17
JANIS___SOLAR 323808	41.90 1.38 -0.09	39.78 1.29 -0.59	34.33 0.97 -1.99	36.00 1.10 -1.41	38.38 1.17 -0.77	40.78 1.37 -0.16	42.87 1.43 -0.64	41.80 1.70 -2.28	41.29 1.42 -1.59	37.82 1.12 -0.65	37.68 0.97 -0.63	34.05 0.77 0.14	34.74 0.86 -0.70	35.99 0.93 -1.62	37.29 1.11 -2.55	40.86 1.38 -4.98	45.35 1.88 -5.19	48.64 2.17 -7.01	44.95 2.05 -6.31	43.82 1.88 -6.37	41.26 1.68 -5.27	38.34 1.56 -4.32	36.62 1.30 -3.60	40.32 1.54 -1.32
JARVIS____ 23743	40.47 0.04 0.00	37.95 0.04 0.00	31.36 0.00 0.00	33.49 0.00 0.00	36.49 0.04 0.00	39.29 0.04 0.00	40.85 0.04 0.00	37.89 0.08 0.00	38.36 0.08 0.00	36.16 0.11 0.00	36.14 0.07 0.00	33.49 0.07 0.00	33.25 0.07 0.00	33.47 0.03 0.00	33.66 0.03 0.00	34.52 0.03 0.00	38.36 0.08 0.00	39.53 0.08 0.00	36.63 0.04 0.00	35.60 0.04 0.00	34.34 0.03 0.00	32.49 0.03 0.00	31.75 0.03 0.00	37.50 0.04 0.00
JENNISON___1 23625	42.33 1.78 -0.12	40.26 1.59 -0.76	35.16 1.22 -2.57	36.68 1.37 -1.82	38.93 1.49 -0.99	41.18 1.73 -0.20	43.43 1.80 -0.83	42.85 2.08 -2.96	42.29 1.95 -2.06	38.66 1.77 -0.85	38.55 1.66 -0.82	34.68 1.44 0.18	35.61 1.53 -0.91	37.10 1.57 -2.10	38.65 1.72 -3.30	42.91 1.97 -6.46	47.42 2.41 -6.72	51.18 2.64 -9.09	47.18 2.42 -8.18	46.13 2.31 -8.25	43.20 2.06 -6.83	40.00 1.95 -5.60	38.00 1.62 -4.66	41.08 1.91 -1.71
JENNISON___2 23626	42.33 1.78 -0.12	40.26 1.59 -0.76	35.16 1.22 -2.57	36.68 1.37 -1.82	38.93 1.49 -0.99	41.18 1.73 -0.20	43.43 1.80 -0.83	42.85 2.08 -2.96	42.29 1.95 -2.06	38.66 1.77 -0.85	38.55 1.66 -0.82	34.68 1.44 0.18	35.61 1.53 -0.91	37.10 1.57 -2.10	38.65 1.72 -3.30	42.91 1.97 -6.46	47.42 2.41 -6.72	51.18 2.64 -9.09	47.18 2.42 -8.18	46.13 2.31 -8.25	43.20 2.06 -6.83	40.00 1.95 -5.60	38.00 1.62 -4.66	41.08 1.91 -1.71
JERICHO_RISE_WT_PWR 323719	36.71 -3.72 0.00	34.95 -2.96 0.00	28.57 -2.79 0.00	30.54 -2.95 0.00	33.53 -2.92 0.00	36.34 -2.90 0.00	38.32 -2.49 0.00	36.11 -1.70 0.00	37.10 -1.19 0.00	34.97 -1.08 0.00	34.67 -1.41 0.00	31.75 -1.67 0.00	31.36 -1.82 0.00	31.36 -2.07 0.00	31.34 -2.29 0.00	32.07 -2.42 0.00	36.49 -1.80 0.00	37.32 -2.13 0.00	34.25 -2.34 0.00	32.65 -2.92 0.00	31.49 -2.81 0.00	29.28 -3.18 0.00	28.93 -2.79 0.00	34.47 -3.00 0.00
KATONAH___115KV_46KV_TB4 355592	43.19 2.39 -0.37	42.23 2.01 -2.32	40.99 1.76 -7.87	40.82 1.78 -5.56	41.48 2.00 -3.03	42.03 2.16 -0.62	45.77 2.41 -2.55	49.55 2.61 -9.13	47.47 2.83 -6.35	41.25 2.60 -2.61	42.50 2.60 -3.83	41.47 2.41 -5.64	42.75 2.39 -7.18	43.31 2.44 -7.43	46.22 2.39 -10.20	56.86 2.41 -19.96	61.73 2.68 -20.77	70.17 2.64 -28.07	64.38 2.52 -25.26	63.56 2.49 -25.50	57.75 2.33 -21.12	51.96 2.21 -17.29	48.25 2.13 -14.41	45.12 2.44 -5.22
KCE_NY_1 323755	42.94 2.06 -0.45	42.72 2.01 -2.80	42.41 1.54 -9.52	41.95 1.74 -6.72	42.01 1.89 -3.67	42.00 2.00 -0.75	46.06 2.16 -3.09	50.94 2.08 -11.05	48.07 2.10 -7.68	41.15 1.95 -3.16	41.87 1.91 -3.89	38.40 1.74 -3.25	41.13 1.79 -6.16	43.68 1.80 -8.44	47.89 1.92 -12.35	60.61 1.96 -24.15	65.64 2.22 -25.13	75.84 2.41 -33.97	69.32 2.16 -30.57	68.52 2.10 -30.86	61.85 1.99 -25.56	55.20 1.82 -20.93	50.93 1.78 -17.44	45.80 2.02 -6.31
KCE_NY_6_ESR 323823	37.65 -2.83 -0.05	35.52 -2.73 -0.34	30.25 -2.26 -1.15	31.89 -2.41 -0.81	34.38 -2.51 -0.44	36.35 -2.98 -0.09	37.73 -3.39 -0.31	35.54 -3.37 -1.09	35.64 -3.41 -0.76	32.90 -3.46 -0.32	32.90 -3.53 -0.36	30.50 -3.11 -0.19	30.54 -3.15 -0.51	31.04 -3.21 -0.81	31.65 -3.20 -1.22	33.56 -3.31 -2.38	37.24 -3.52 -2.47	39.33 -3.47 -3.34	36.24 -3.37 -3.01	35.40 -3.20 -3.04	33.67 -3.16 -2.52	31.57 -2.95 -2.06	30.68 -2.76 -1.72	35.53 -2.70 -0.76
KEDC_PORT_JEFF_GT2 24210	44.08 3.27 -0.38	43.05 2.84 -2.29	41.31 2.16 -7.79	41.14 2.15 -5.50	41.89 2.44 -3.00	42.81 2.95 -0.61	46.65 3.30 -2.54	50.19 3.33 -9.05	48.06 3.48 -6.29	41.77 3.13 -2.58	43.11 3.14 -3.90	42.38 2.87 -6.09	43.43 2.79 -7.46	43.76 2.88 -7.44	47.45 2.89 -10.93	57.02 2.76 -19.77	70.12 3.22 -28.62	91.08 3.19 -48.43	79.91 3.04 -40.28	71.47 2.92 -32.98	66.35 2.68 -29.37	62.61 2.53 -27.62	54.80 2.48 -20.61	46.84 3.00 -6.38
KEDC_PORT_JEFF_GT3 24211	44.08 3.27 -0.38	43.05 2.84 -2.29	41.31 2.16 -7.79	41.14 2.15 -5.50	41.89 2.44 -3.00	42.81 2.95 -0.61	46.65 3.30 -2.54	50.19 3.33 -9.05	48.06 3.48 -6.29	41.77 3.13 -2.58	43.11 3.14 -3.90	42.38 2.87 -6.09	43.43 2.79 -7.46	43.76 2.88 -7.44	47.45 2.89 -10.93	57.02 2.76 -19.77	70.12 3.22 -28.62	91.08 3.19 -48.43	79.91 3.04 -40.28	71.47 2.92 -32.98	66.35 2.68 -29.37	62.61 2.53 -27.62	54.80 2.48 -20.61	46.84 3.00 -6.38
KEDC_GLWD_GT4 24219	43.60 2.79 -0.39	42.59 2.39 -2.29	41.13 1.98 -7.79	40.97 1.98 -5.50	41.67 2.22 -3.00	42.38 2.51 -0.61	46.13 2.78 -2.54	49.70 2.84 -9.06	47.61 3.02 -6.30	41.48 2.85 -2.58	42.87 2.89 -3.91	42.15 2.64 -6.09	43.27 2.62 -7.47	43.53 2.64 -7.45	47.72 2.55 -11.54	56.85 2.59 -19.77	75.55 2.79 -34.47	105.70 2.84 -63.40	90.62 2.67 -51.35	76.75 2.60 -38.59	72.25 2.44 -35.51	70.03 2.34 -35.24	59.21 2.29 -25.20	47.46 2.73 -7.26
KEDC_GLWD_GT5 24220	43.60 2.79 -0.39	42.59 2.39 -2.29	41.13 1.98 -7.79	40.97 1.98 -5.50	41.67 2.22 -3.00	42.38 2.51 -0.61	46.13 2.78 -2.54	49.70 2.84 -9.06	47.61 3.02 -6.30	41.48 2.85 -2.58	42.87 2.89 -3.91	42.15 2.64 -6.09	43.27 2.62 -7.47	43.53 2.64 -7.45	47.72 2.55 -11.54	56.85 2.59 -19.77	75.55 2.79 -34.47	105.70 2.84 -63.40	90.62 2.67 -51.35	76.75 2.60 -38.59	72.25 2.44 -35.51	70.03 2.34 -35.24	59.21 2.29 -25.20	47.46 2.73 -7.26

KENSICO____ 23655	43.10 2.30 -0.37	42.13 1.93 -2.29	40.80 1.66 -7.78	40.69 1.71 -5.49	41.30 1.86 -2.99	41.86 2.00 -0.61	45.61 2.29 -2.52	49.18 2.34 -9.02	47.12 2.57 -6.27	41.01 2.38 -2.58	42.40 2.42 -3.91	41.83 2.24 -6.17	42.92 2.22 -7.52	43.11 2.24 -7.44	45.90 2.19 -10.08	56.38 2.17 -19.72	61.22 2.41 -20.52	69.64 2.45 -27.74	63.83 2.27 -24.96	63.01 2.24 -25.20	57.23 2.06 -20.87	51.56 2.01 -17.09	47.89 1.93 -14.24	44.91 2.29 -5.16
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.12 2.34 -0.35	41.96 1.90 -2.16	40.35 1.66 -7.33	40.34 1.67 -5.17	41.17 1.90 -2.82	41.90 2.08 -0.58	45.55 2.37 -2.38	48.73 2.42 -8.50	46.80 2.60 -5.91	40.68 2.20 -2.43	41.41 2.16 -3.17	38.65 1.87 -3.36	40.42 1.89 -5.35	42.04 1.97 -6.63	45.11 1.98 -9.50	55.21 2.14 -18.58	60.11 2.49 -19.33	68.15 2.56 -26.13	62.56 2.45 -23.52	61.69 2.38 -23.74	56.16 2.20 -19.66	50.67 2.11 -16.10	47.16 2.03 -13.41	44.69 2.36 -4.86
KIAC_JFK_GT1 23816	43.06 2.26 -0.37	42.06 1.86 -2.29	40.78 1.63 -7.79	40.63 1.64 -5.50	41.24 1.79 -3.00	41.82 1.96 -0.61	45.66 2.33 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.02 2.29 -10.10	56.35 2.10 -19.75	61.10 2.26 -20.56	69.57 2.33 -27.79	63.76 2.16 -25.01	62.98 2.17 -25.24	57.13 1.92 -20.90	51.72 2.14 -17.12	48.04 2.06 -14.26	45.07 2.44 -5.17
KIAC_JFK_GT2 23817	43.06 2.26 -0.37	42.06 1.86 -2.29	40.78 1.63 -7.79	40.63 1.64 -5.50	41.24 1.79 -3.00	41.82 1.96 -0.61	45.66 2.33 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.02 2.29 -10.10	56.35 2.10 -19.75	61.10 2.26 -20.56	69.57 2.33 -27.79	63.76 2.16 -25.01	62.98 2.17 -25.24	57.13 1.92 -20.90	51.72 2.14 -17.12	48.04 2.06 -14.26	45.07 2.44 -5.17
KIAC_JFK____ 323774	43.06 2.26 -0.37	42.06 1.86 -2.29	40.78 1.63 -7.79	40.63 1.64 -5.50	41.23 1.79 -3.00	41.82 1.96 -0.61	45.66 2.32 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.09	43.09 2.46 -7.46	43.38 2.51 -7.43	46.02 2.29 -10.10	56.35 2.10 -19.75	61.10 2.26 -20.56	69.57 2.33 -27.79	63.76 2.16 -25.01	62.94 2.13 -25.24	57.13 1.92 -20.90	51.72 2.14 -17.12	48.04 2.06 -14.26	45.07 2.43 -5.17
KINTIGH____ 23543	38.17 -2.30 -0.05	35.99 -2.20 -0.28	30.50 -1.82 -0.95	32.22 -1.94 -0.67	34.81 -2.00 -0.37	36.93 -2.39 -0.08	38.29 -2.86 -0.34	35.87 -3.18 -1.23	35.93 -3.22 -0.86	33.05 -3.35 -0.35	33.08 -3.39 -0.40	30.78 -2.84 -0.20	30.84 -2.92 -0.58	31.28 -3.08 -0.92	31.95 -3.06 -1.38	33.98 -3.21 -2.70	37.65 -3.45 -2.81	39.78 -3.47 -3.80	36.65 -3.37 -3.42	35.89 -3.13 -3.45	34.08 -3.09 -2.86	32.01 -2.79 -2.34	31.16 -2.51 -1.95	35.89 -2.21 -0.63
KNTFSRNC_46_KV_46KV_LOAD 80397	37.31 -3.11 0.00	35.52 -2.39 0.00	29.04 -2.32 0.00	31.05 -2.44 0.00	34.12 -2.33 0.00	36.97 -2.28 0.00	39.01 -1.80 0.00	36.83 -0.98 0.00	37.86 -0.42 0.00	35.65 -0.40 0.00	35.32 -0.76 0.00	32.32 -1.10 0.00	31.89 -1.29 0.00	31.93 -1.50 0.00	31.95 -1.68 0.00	32.66 -1.83 0.00	37.33 -0.96 0.00	38.19 -1.26 0.00	35.06 -1.54 0.00	33.40 -2.17 0.00	32.21 -2.09 0.00	29.89 -2.56 0.00	29.50 -2.22 0.00	35.11 -2.36 0.00
LACHUTE__HYDRO 323717	44.84 3.96 -0.45	44.69 3.98 -2.81	43.81 2.92 -9.53	43.64 3.42 -6.73	43.80 3.68 -3.67	43.92 3.92 -0.75	48.22 4.32 -3.09	53.00 4.12 -11.07	50.08 4.10 -7.69	42.96 3.75 -3.16	43.72 3.75 -3.89	39.97 3.31 -3.24	42.79 3.45 -6.16	45.37 3.48 -8.45	49.69 3.70 -12.37	62.51 3.83 -24.19	67.86 4.40 -25.17	78.37 4.89 -34.02	71.71 4.50 -30.62	70.81 4.34 -30.90	64.01 4.11 -25.59	57.08 3.67 -20.96	52.61 3.43 -17.46	47.72 3.93 -6.32
LAWRNCV_115KV_TB1 80681	37.52 -2.91 -0.01	35.68 -2.27 -0.05	29.29 -2.23 -0.15	31.26 -2.34 -0.11	34.21 -2.30 -0.06	36.94 -2.32 -0.01	38.90 -1.96 -0.05	36.78 -1.21 -0.18	37.60 -0.80 -0.12	35.41 -0.68 -0.05	35.16 -0.97 -0.06	32.15 -1.30 -0.03	31.80 -1.46 -0.08	31.90 -1.67 -0.13	31.94 -1.88 -0.20	32.77 -2.10 -0.39	37.35 -1.34 -0.40	38.46 -1.54 -0.55	35.44 -1.65 -0.49	33.97 -2.10 -0.50	32.69 -2.02 -0.41	30.43 -2.37 -0.34	29.91 -2.09 -0.28	35.32 -2.25 -0.10
LEDERLE____ 23769	43.09 2.30 -0.36	42.03 1.90 -2.22	40.57 1.66 -7.55	40.53 1.71 -5.33	41.25 1.90 -2.91	41.88 2.04 -0.59	45.54 2.29 -2.45	48.92 2.34 -8.76	46.90 2.53 -6.09	40.89 2.34 -2.50	42.55 2.34 -4.13	43.16 2.14 -7.60	43.77 2.16 -8.43	43.11 2.21 -7.47	45.54 2.12 -9.79	55.81 2.17 -19.15	60.63 2.41 -19.93	68.84 2.45 -26.93	63.10 2.27 -24.24	62.27 2.24 -24.46	56.62 2.06 -20.26	51.06 2.01 -16.59	47.48 1.93 -13.82	44.72 2.25 -5.01
LIGHTHSE_115KV_TB6 355974	39.64 -0.81 -0.02	37.34 -0.72 -0.15	31.26 -0.63 -0.52	33.22 -0.64 -0.37	35.92 -0.73 -0.20	38.54 -0.75 -0.04	40.16 -0.82 -0.17	37.66 -0.76 -0.61	37.82 -0.88 -0.42	35.39 -0.83 -0.17	35.37 -0.90 -0.20	32.65 -0.87 -0.10	32.60 -0.86 -0.28	33.02 -0.87 -0.45	33.50 -0.81 -0.68	35.02 -0.79 -1.32	38.94 -0.73 -1.38	40.65 -0.67 -1.86	37.72 -0.55 -1.67	36.69 -0.57 -1.69	35.19 -0.51 -1.40	33.12 -0.49 -1.15	32.10 -0.57 -0.96	37.10 -0.71 -0.35
LINDEN COGEN____ 23786	43.14 2.34 -0.37	42.17 1.97 -2.29	40.87 1.72 -7.79	40.77 1.77 -5.50	41.34 1.89 -3.00	41.90 2.04 -0.61	45.66 2.32 -2.53	49.27 2.42 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.09	43.03 2.39 -7.46	43.31 2.44 -7.43	46.02 2.29 -10.10	56.52 2.28 -19.75	61.33 2.49 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.09 2.28 -25.24	57.30 2.09 -20.90	51.66 2.08 -17.12	48.01 2.03 -14.26	45.07 2.43 -5.17
LINDHRST_69_KV_BK1 356055	44.08 3.27 -0.38	43.05 2.84 -2.29	41.35 2.20 -7.79	41.17 2.18 -5.50	41.93 2.48 -3.00	42.80 2.94 -0.61	46.61 3.26 -2.54	50.15 3.29 -9.05	48.06 3.48 -6.30	41.80 3.17 -2.58	43.15 3.17 -3.91	42.41 2.91 -6.09	43.50 2.85 -7.46	43.82 2.94 -7.44	47.55 2.89 -11.03	57.12 2.86 -19.77	71.07 3.22 -29.56	93.53 3.24 -50.84	81.73 3.07 -42.06	72.44 2.99 -33.88	67.44 2.78 -30.36	63.97 2.66 -28.85	55.67 2.60 -21.35	47.13 3.15 -6.52
LIPA_MISC_IPP 23656	43.84 3.03 -0.38	42.82 2.62 -2.29	41.13 1.98 -7.79	40.94 1.94 -5.50	41.67 2.22 -3.00	42.57 2.71 -0.61	46.44 3.10 -2.54	50.00 3.14 -9.05	47.87 3.29 -6.29	41.55 2.92 -2.58	42.86 2.89 -3.90	42.15 2.64 -6.09	43.20 2.55 -7.46	43.52 2.64 -7.44	47.22 2.66 -10.93	56.78 2.52 -19.77	69.82 2.95 -28.59	90.69 2.88 -48.35	79.56 2.74 -40.22	71.15 2.63 -32.95	66.04 2.40 -29.34	62.28 2.24 -27.58	54.52 2.22 -20.58	46.57 2.74 -6.37
LISF__SOLAR 323691	43.92 3.11 -0.38	42.89 2.69 -2.29	41.19 2.04 -7.79	41.00 2.01 -5.50	41.75 2.30 -3.00	42.65 2.79 -0.61	46.48 3.14 -2.54	50.07 3.21 -9.05	47.95 3.37 -6.29	41.59 2.96 -2.58	42.90 2.92 -3.90	42.18 2.67 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.28 2.72 -10.93	56.81 2.55 -19.77	69.95 3.06 -28.60	90.79 2.96 -48.38	79.65 2.82 -40.24	71.23 2.70 -32.96	66.13 2.47 -29.35	62.36 2.30 -27.59	54.59 2.29 -20.59	46.65 2.81 -6.37

LITTLE FALLS___HYD 24013	41.15 0.73 0.00	38.59 0.68 0.00	31.86 0.50 0.00	34.06 0.57 0.00	37.11 0.66 0.00	40.03 0.78 0.00	41.54 0.73 0.00	38.57 0.76 0.00	39.05 0.77 0.00	36.81 0.76 0.00	36.76 0.69 0.00	34.05 0.63 0.00	33.84 0.66 0.00	34.10 0.67 0.00	34.33 0.71 0.00	35.25 0.76 0.00	39.13 0.84 0.00	40.32 0.87 0.00	37.36 0.77 0.00	36.32 0.75 0.00	34.96 0.65 0.00	33.11 0.65 0.00	32.32 0.60 0.00	38.22 0.75 0.00
LITTLRIV_115KV_TB1 356100	37.89 -2.55 -0.01	36.02 -1.93 -0.05	29.54 -1.98 -0.16	31.53 -2.08 -0.11	34.54 -1.97 -0.06	37.30 -1.96 -0.01	39.31 -1.55 -0.05	37.24 -0.76 -0.18	37.99 -0.42 -0.13	35.70 -0.40 -0.05	35.37 -0.76 -0.06	32.31 -1.14 -0.03	32.00 -1.26 -0.09	32.10 -1.47 -0.14	32.15 -1.68 -0.20	33.03 -1.86 -0.40	37.71 -1.00 -0.42	38.95 -1.07 -0.56	35.97 -1.13 -0.51	34.48 -1.60 -0.51	33.15 -1.58 -0.42	30.79 -2.01 -0.35	30.26 -1.74 -0.29	35.70 -1.87 -0.10
LI_NEWBRDGE___DRP 323616	43.47 2.67 -0.38	42.48 2.27 -2.29	40.94 1.79 -7.79	40.77 1.78 -5.50	41.45 2.00 -3.00	42.22 2.35 -0.61	45.99 2.65 -2.54	49.58 2.72 -9.05	47.49 2.91 -6.29	41.30 2.67 -2.58	42.68 2.71 -3.90	41.98 2.47 -6.08	43.06 2.42 -7.46	43.35 2.47 -7.44	46.89 2.39 -10.87	56.64 2.38 -19.77	68.84 2.53 -28.03	88.94 2.56 -46.92	78.17 2.42 -39.16	70.33 2.35 -32.41	65.25 2.20 -28.75	61.42 2.11 -26.85	53.95 2.09 -20.14	46.26 2.51 -6.29
LOCKPORT_115KV_TB60_63_64 80432	37.52 -2.95 -0.05	35.41 -2.81 -0.31	30.08 -2.32 -1.04	31.75 -2.48 -0.74	34.26 -2.59 -0.40	36.27 -3.06 -0.08	37.54 -3.55 -0.28	35.00 -3.82 -1.01	35.16 -3.83 -0.70	32.45 -3.89 -0.29	32.40 -4.00 -0.33	30.18 -3.41 -0.17	30.14 -3.52 -0.47	30.54 -3.64 -0.75	31.12 -3.63 -1.12	32.92 -3.76 -2.19	36.55 -4.02 -2.28	38.56 -3.99 -3.08	35.53 -3.84 -2.78	34.74 -3.63 -2.80	33.02 -3.60 -2.32	31.05 -3.31 -1.90	30.29 -3.01 -1.59	35.39 -2.77 -0.69
LOCKPORT___CC1 323769	37.53 -2.95 -0.05	35.41 -2.80 -0.31	30.09 -2.32 -1.05	31.76 -2.48 -0.74	34.27 -2.59 -0.40	36.27 -3.06 -0.08	37.54 -3.55 -0.28	35.00 -3.82 -1.01	35.16 -3.83 -0.70	32.41 -3.93 -0.29	32.40 -4.01 -0.33	30.18 -3.41 -0.17	30.14 -3.52 -0.47	30.54 -3.64 -0.75	31.12 -3.63 -1.12	32.89 -3.79 -2.19	36.51 -4.06 -2.28	38.55 -3.98 -3.08	35.49 -3.88 -2.77	34.74 -3.63 -2.80	33.02 -3.60 -2.32	31.05 -3.31 -1.90	30.26 -3.05 -1.58	35.39 -2.77 -0.70
LOCKPORT___CC2 323770	37.53 -2.95 -0.05	35.41 -2.80 -0.31	30.09 -2.32 -1.05	31.76 -2.48 -0.74	34.27 -2.59 -0.40	36.27 -3.06 -0.08	37.54 -3.55 -0.28	35.00 -3.82 -1.01	35.16 -3.83 -0.70	32.41 -3.93 -0.29	32.40 -4.01 -0.33	30.18 -3.41 -0.17	30.14 -3.52 -0.47	30.54 -3.64 -0.75	31.12 -3.63 -1.12	32.89 -3.79 -2.19	36.51 -4.06 -2.28	38.55 -3.98 -3.08	35.49 -3.88 -2.77	34.74 -3.63 -2.80	33.02 -3.60 -2.32	31.05 -3.31 -1.90	30.26 -3.05 -1.58	35.39 -2.77 -0.70
LOCKPORT___CC3 323771	37.53 -2.95 -0.05	35.41 -2.80 -0.31	30.09 -2.32 -1.05	31.76 -2.48 -0.74	34.27 -2.59 -0.40	36.27 -3.06 -0.08	37.54 -3.55 -0.28	35.00 -3.82 -1.01	35.16 -3.83 -0.70	32.41 -3.93 -0.29	32.40 -4.01 -0.33	30.18 -3.41 -0.17	30.14 -3.52 -0.47	30.54 -3.64 -0.75	31.12 -3.63 -1.12	32.89 -3.79 -2.19	36.51 -4.06 -2.28	38.55 -3.98 -3.08	35.49 -3.88 -2.77	34.74 -3.63 -2.80	33.02 -3.60 -2.32	31.05 -3.31 -1.90	30.26 -3.05 -1.58	35.39 -2.77 -0.70
LONG_LAKE_PHOENIX 24014	39.48 -0.97 -0.03	37.21 -0.87 -0.17	31.22 -0.72 -0.58	33.16 -0.74 -0.41	35.80 -0.87 -0.22	38.35 -0.94 -0.05	39.97 -1.02 -0.19	37.43 -1.06 -0.67	37.60 -1.15 -0.47	35.16 -1.08 -0.19	35.25 -1.05 -0.22	32.56 -0.97 -0.11	32.57 -0.93 -0.31	33.03 -0.90 -0.50	33.51 -0.87 -0.75	35.06 -0.90 -1.47	38.78 -1.03 -1.53	40.46 -1.07 -2.07	37.50 -0.95 -1.86	36.52 -0.92 -1.88	35.00 -0.86 -1.56	32.92 -0.81 -1.27	31.96 -0.82 -1.06	36.88 -0.97 -0.38
LOVETT___3 23632	42.89 2.10 -0.36	41.88 1.74 -2.23	40.47 1.54 -7.58	40.42 1.57 -5.35	41.08 1.71 -2.92	41.69 1.84 -0.60	45.39 2.12 -2.46	48.80 2.19 -8.79	46.77 2.37 -6.11	40.76 2.20 -2.51	42.36 2.20 -4.09	42.82 2.04 -7.36	43.48 2.02 -8.27	42.96 2.07 -7.45	45.43 1.98 -9.82	55.70 2.00 -19.21	60.50 2.22 -19.99	68.73 2.25 -27.03	63.00 2.09 -24.32	62.18 2.06 -24.55	56.56 1.92 -20.33	50.96 1.85 -16.65	47.37 1.78 -13.87	44.59 2.10 -5.02
LOVETT___4 23642	42.89 2.10 -0.36	41.88 1.74 -2.23	40.47 1.54 -7.58	40.42 1.57 -5.35	41.08 1.71 -2.92	41.69 1.84 -0.60	45.39 2.12 -2.46	48.80 2.19 -8.79	46.77 2.37 -6.11	40.76 2.20 -2.51	42.36 2.20 -4.09	42.82 2.04 -7.36	43.48 2.02 -8.27	42.96 2.07 -7.45	45.43 1.98 -9.82	55.70 2.00 -19.21	60.50 2.22 -19.99	68.73 2.25 -27.03	63.00 2.09 -24.32	62.18 2.06 -24.55	56.56 1.92 -20.33	50.96 1.85 -16.65	47.37 1.78 -13.87	44.59 2.10 -5.02
LOVETT___5 23593	42.89 2.10 -0.36	41.88 1.74 -2.23	40.47 1.54 -7.58	40.42 1.57 -5.35	41.08 1.71 -2.92	41.69 1.84 -0.60	45.39 2.12 -2.46	48.80 2.19 -8.79	46.77 2.37 -6.11	40.76 2.20 -2.51	42.36 2.20 -4.09	42.82 2.04 -7.36	43.48 2.02 -8.27	42.96 2.07 -7.45	45.43 1.98 -9.82	55.70 2.00 -19.21	60.50 2.22 -19.99	68.73 2.25 -27.03	63.00 2.09 -24.32	62.18 2.06 -24.55	56.56 1.92 -20.33	50.96 1.85 -16.65	47.37 1.78 -13.87	44.59 2.10 -5.02
LOWER RAQUET___HYD 24057	37.56 -2.87 -0.01	35.68 -2.27 -0.05	29.30 -2.23 -0.16	31.26 -2.35 -0.11	34.22 -2.30 -0.06	36.95 -2.32 -0.01	38.94 -1.92 -0.05	36.83 -1.17 -0.19	37.65 -0.77 -0.13	35.42 -0.69 -0.05	35.12 -1.01 -0.06	32.15 -1.30 -0.03	31.81 -1.46 -0.09	31.90 -1.67 -0.14	31.96 -1.88 -0.21	32.87 -2.03 -0.41	37.41 -1.30 -0.43	38.53 -1.50 -0.58	35.54 -1.57 -0.52	34.07 -2.03 -0.52	32.78 -1.95 -0.43	30.48 -2.34 -0.36	29.95 -2.06 -0.30	35.36 -2.21 -0.11
LOWER___HUDSON 24059	42.49 1.62 -0.45	42.22 1.55 -2.76	41.98 1.26 -9.37	41.48 1.37 -6.61	41.52 1.46 -3.61	41.56 1.57 -0.74	45.48 1.63 -3.04	50.24 1.55 -10.88	47.45 1.61 -7.56	40.67 1.51 -3.11	41.44 1.51 -3.86	38.16 1.40 -3.33	40.73 1.39 -6.16	43.17 1.40 -8.33	47.23 1.45 -12.15	59.74 1.48 -23.77	64.71 1.68 -24.74	74.63 1.73 -33.44	68.29 1.61 -30.09	67.47 1.53 -30.37	60.93 1.47 -25.15	54.45 1.39 -20.60	50.24 1.36 -17.16	45.21 1.54 -6.21
LOWVILLE_115KV_TB2 356335	39.67 -0.77 -0.01	37.34 -0.64 -0.08	30.94 -0.69 -0.27	32.98 -0.70 -0.19	35.86 -0.69 -0.10	38.68 -0.59 -0.02	40.40 -0.49 -0.09	37.97 -0.15 -0.31	38.27 -0.23 -0.22	35.85 -0.29 -0.09	35.63 -0.54 -0.10	32.77 -0.70 -0.05	32.63 -0.70 -0.15	32.90 -0.77 -0.23	33.27 -0.71 -0.35	34.59 -0.59 -0.69	38.89 -0.11 -0.72	40.50 0.08 -0.97	37.61 0.15 -0.87	36.45 0.00 -0.88	34.90 -0.14 -0.73	32.79 -0.26 -0.60	31.84 -0.38 -0.50	37.16 -0.49 -0.18
LUTHERFT_115KV_GLOB_FND_222 355753	42.94 2.06 -0.45	42.72 2.01 -2.80	42.41 1.54 -9.52	41.95 1.74 -6.72	41.97 1.86 -3.67	42.00 2.00 -0.75	46.06 2.16 -3.09	50.90 2.04 -11.05	48.03 2.07 -7.68	41.12 1.91 -3.16	41.87 1.91 -3.89	38.40 1.74 -3.25	41.13 1.79 -6.16	43.68 1.81 -8.44	47.89 1.92 -12.35	60.61 1.97 -24.15	65.64 2.22 -25.13	75.80 2.37 -33.97	69.29 2.12 -30.57	68.49 2.06 -30.86	61.85 1.99 -25.56	55.20 1.82 -20.93	50.90 1.74 -17.44	45.76 1.99 -6.31

LUTHERNY_35_KV_BK2 355980	42.94 2.06 -0.45	42.72 2.01 -2.80	42.41 1.54 -9.52	41.95 1.74 -6.72	42.01 1.90 -3.67	42.00 2.00 -0.75	46.06 2.16 -3.09	50.94 2.08 -11.05	48.07 2.11 -7.68	41.15 1.95 -3.16	41.87 1.91 -3.89	38.40 1.74 -3.25	41.13 1.79 -6.16	43.68 1.81 -8.44	47.89 1.92 -12.35	60.61 1.97 -24.15	65.68 2.26 -25.13	75.84 2.41 -33.97	69.32 2.16 -30.57	68.52 2.10 -30.86	61.88 2.02 -25.56	55.20 1.82 -20.93	50.93 1.78 -17.44	45.80 2.02 -6.31
LWR___OSWEGATCHIE_HYD 23850	38.29 -2.14 -0.01	36.23 -1.74 -0.07	29.90 -1.69 -0.23	31.88 -1.78 -0.16	34.75 -1.79 -0.09	37.50 -1.77 -0.02	39.33 -1.55 -0.07	37.13 -0.95 -0.27	37.66 -0.80 -0.18	35.33 -0.79 -0.08	35.08 -1.08 -0.09	32.16 -1.30 -0.04	31.94 -1.36 -0.12	32.13 -1.50 -0.20	32.34 -1.58 -0.30	33.45 -1.62 -0.58	37.89 -1.00 -0.60	39.28 -0.99 -0.81	36.34 -0.99 -0.73	35.06 -1.24 -0.74	33.65 -1.27 -0.61	31.43 -1.53 -0.50	30.68 -1.46 -0.42	36.01 -1.61 -0.15
LYONS_FALL_HYD 23570	40.28 -0.16 -0.01	37.87 -0.11 -0.07	31.39 -0.22 -0.25	33.47 -0.20 -0.18	36.36 -0.18 -0.10	39.19 -0.08 -0.02	40.89 0.00 -0.08	38.37 0.27 -0.29	38.68 0.19 -0.20	36.28 0.14 -0.08	36.13 -0.04 -0.09	33.30 -0.17 -0.05	33.15 -0.17 -0.14	33.45 -0.20 -0.22	33.82 -0.13 -0.33	35.13 0.00 -0.64	39.33 0.38 -0.66	40.86 0.51 -0.89	37.91 0.51 -0.81	36.77 0.39 -0.81	35.22 0.24 -0.67	33.17 0.16 -0.55	32.21 0.03 -0.46	37.67 0.04 -0.17
MADISON___COUNTY_LFGE 323628	41.21 0.77 -0.02	38.79 0.76 -0.12	32.32 0.53 -0.42	34.43 0.64 -0.30	37.30 0.69 -0.16	40.11 0.82 -0.03	41.80 0.86 -0.14	39.29 0.98 -0.49	39.51 0.88 -0.34	36.95 0.76 -0.14	36.92 0.69 -0.16	34.04 0.53 -0.08	34.01 0.60 -0.23	34.40 0.60 -0.37	34.85 0.67 -0.55	36.39 0.83 -1.08	40.48 1.07 -1.12	42.15 1.18 -1.51	39.05 1.10 -1.36	37.97 1.03 -1.37	36.33 0.89 -1.14	34.23 0.84 -0.93	33.19 0.70 -0.78	38.57 0.82 -0.28
MALONE___115KV_TB1 356076	37.20 -3.23 -0.01	35.41 -2.54 -0.04	29.04 -2.45 -0.13	31.00 -2.58 -0.09	34.02 -2.48 -0.05	36.79 -2.47 -0.01	38.85 -2.00 -0.04	36.79 -1.17 -0.15	37.74 -0.65 -0.10	35.51 -0.58 -0.04	35.22 -0.90 -0.05	32.21 -1.24 -0.02	31.82 -1.43 -0.07	31.91 -1.64 -0.11	31.94 -1.85 -0.16	32.78 -2.03 -0.32	37.40 -1.23 -0.34	38.41 -1.50 -0.45	35.28 -1.72 -0.41	33.70 -2.28 -0.41	32.48 -2.16 -0.34	30.11 -2.63 -0.28	29.67 -2.28 -0.23	35.08 -2.47 -0.08
MAPLEWOD_115KV_TB3 80458	42.08 1.21 -0.44	41.94 1.29 -2.74	41.68 1.00 -9.31	41.21 1.14 -6.58	41.28 1.24 -3.59	41.28 1.30 -0.73	45.01 1.18 -3.02	49.76 1.13 -10.82	46.99 1.19 -7.52	40.33 1.19 -3.09	41.10 1.19 -3.84	37.91 1.17 -3.33	40.44 1.13 -6.13	42.83 1.10 -8.29	46.82 1.11 -12.09	59.23 1.10 -23.64	64.15 1.26 -24.60	74.01 1.30 -33.26	67.73 1.21 -29.93	66.95 1.17 -30.21	60.45 1.13 -25.02	53.98 1.04 -20.49	49.83 1.05 -17.07	44.81 1.16 -6.18
MAPLE_RIDGE_WT_1 323574	38.53 -1.90 0.00	36.32 -1.59 0.00	29.92 -1.44 0.00	31.95 -1.54 0.00	34.88 -1.57 0.00	37.64 -1.61 0.00	39.38 -1.43 0.00	36.71 -1.10 0.00	37.37 -0.92 0.00	35.22 -0.83 0.00	35.13 -0.94 0.00	32.38 -1.04 0.00	32.05 -1.13 0.00	32.17 -1.27 0.00	32.25 -1.38 0.00	33.01 -1.48 0.00	36.95 -1.34 0.00	38.00 -1.46 0.00	35.13 -1.46 0.00	33.93 -1.64 0.00	32.73 -1.58 0.00	30.80 -1.65 0.00	30.23 -1.49 0.00	35.82 -1.65 0.00
MAPLE_RIDGE_WT_2 323611	38.53 -1.90 0.00	36.32 -1.59 0.00	29.92 -1.44 0.00	31.95 -1.54 0.00	34.88 -1.57 0.00	37.64 -1.61 0.00	39.38 -1.43 0.00	36.71 -1.10 0.00	37.37 -0.92 0.00	35.22 -0.83 0.00	35.13 -0.94 0.00	32.38 -1.04 0.00	32.05 -1.13 0.00	32.17 -1.27 0.00	32.25 -1.38 0.00	33.01 -1.48 0.00	36.95 -1.34 0.00	38.00 -1.46 0.00	35.13 -1.46 0.00	33.93 -1.64 0.00	32.73 -1.58 0.00	30.80 -1.65 0.00	30.23 -1.49 0.00	35.82 -1.65 0.00
MARBLE_RIVER_WT_PWR 323696	36.83 -3.60 0.00	35.02 -2.88 0.00	28.66 -2.70 0.00	30.64 -2.85 0.00	33.64 -2.81 0.00	36.46 -2.79 0.00	38.44 -2.37 0.00	36.22 -1.59 0.00	37.17 -1.11 0.00	35.04 -1.01 0.00	34.74 -1.33 0.00	31.82 -1.60 0.00	31.42 -1.76 0.00	31.46 -1.97 0.00	31.44 -2.19 0.00	32.18 -2.31 0.00	36.64 -1.65 0.00	37.48 -1.97 0.00	34.40 -2.19 0.00	32.76 -2.81 0.00	31.59 -2.71 0.00	29.37 -3.08 0.00	29.02 -2.70 0.00	34.54 -2.92 0.00
MARSHVLE_115KV_TB1 80742	42.71 1.78 -0.51	42.74 1.71 -3.13	43.21 1.22 -10.63	42.44 1.44 -7.50	42.11 1.57 -4.09	41.81 1.73 -0.84	46.09 1.84 -3.45	52.00 1.85 -12.33	48.62 1.76 -8.57	40.73 1.15 -3.52	41.14 0.87 -4.21	37.03 0.63 -2.98	40.33 0.73 -6.42	43.73 0.97 -9.32	48.65 1.24 -13.78	63.13 1.69 -26.95	68.48 2.14 -28.05	79.82 2.45 -37.92	72.95 2.23 -34.12	72.18 2.17 -34.44	64.82 1.99 -28.52	57.70 1.88 -23.36	52.83 1.65 -19.46	46.39 1.87 -7.05
MARSH_HILL_WT_PWR 323713	38.39 -2.10 -0.07	36.33 -2.01 -0.44	31.21 -1.63 -1.48	32.86 -1.67 -1.04	35.20 -1.82 -0.57	37.24 -2.12 -0.12	38.97 -2.28 -0.45	37.52 -1.89 -1.60	37.36 -2.03 -1.11	34.31 -2.20 -0.46	34.28 -2.31 -0.52	31.48 -2.21 -0.27	31.74 -2.19 -0.75	32.48 -2.14 -1.19	33.36 -2.05 -1.78	35.94 -2.03 -3.49	39.81 -2.11 -3.63	42.35 -2.01 -4.90	39.10 -1.90 -4.41	38.10 -1.92 -4.45	36.11 -1.89 -3.69	33.63 -1.85 -3.02	32.40 -1.84 -2.52	36.57 -1.87 -0.98
MCINTYRE_115KV_TB2 80467	38.01 -2.43 -0.01	36.17 -1.78 -0.04	29.63 -1.88 -0.15	31.66 -1.94 -0.11	34.65 -1.86 -0.06	37.45 -1.81 -0.01	39.47 -1.39 -0.05	37.38 -0.60 -0.17	38.14 -0.27 -0.12	35.77 -0.32 -0.05	35.44 -0.69 -0.06	32.35 -1.10 -0.03	32.00 -1.26 -0.08	32.06 -1.50 -0.13	32.11 -1.72 -0.20	32.98 -1.90 -0.38	37.77 -0.92 -0.40	39.09 -0.91 -0.54	36.09 -0.99 -0.48	34.60 -1.46 -0.49	33.27 -1.44 -0.40	30.91 -1.88 -0.33	30.35 -1.65 -0.28	35.84 -1.72 -0.10
MECO_____69_KV_BK1 80468	43.30 2.39 -0.49	43.27 2.35 -3.02	43.33 1.72 -10.24	42.73 2.01 -7.23	42.54 2.15 -3.94	42.41 2.35 -0.81	46.70 2.57 -3.32	52.19 2.50 -11.89	48.92 2.37 -8.26	41.25 1.80 -3.40	41.75 1.59 -4.09	37.84 1.37 -3.05	40.92 1.43 -6.32	44.06 1.60 -9.01	48.76 1.85 -13.28	62.71 2.24 -25.98	68.08 2.76 -27.03	79.11 3.12 -36.54	72.33 2.85 -32.88	71.53 2.77 -33.19	64.40 2.61 -27.49	57.34 2.37 -22.51	52.60 2.13 -18.75	46.69 2.44 -6.79
MENANDS___115KV_TB5 355628	41.88 1.01 -0.44	41.78 1.14 -2.74	41.57 0.91 -9.30	41.06 1.00 -6.57	41.12 1.09 -3.58	41.16 1.18 -0.73	44.80 0.98 -3.02	49.52 0.91 -10.80	46.75 0.96 -7.51	40.14 1.01 -3.09	40.95 1.05 -3.83	37.79 1.04 -3.33	40.31 1.00 -6.13	42.68 0.97 -8.27	46.63 0.94 -12.06	59.02 0.93 -23.60	63.88 1.03 -24.56	73.71 1.07 -33.19	67.45 0.99 -29.87	66.64 0.92 -30.15	60.20 0.93 -24.97	53.75 0.84 -20.45	49.61 0.86 -17.04	44.61 0.97 -6.17
MG INDUSTRY___DRP 24185	41.83 0.97 -0.43	41.69 1.10 -2.68	41.32 0.85 -9.11	40.90 0.97 -6.43	41.02 1.06 -3.51	41.10 1.14 -0.72	44.74 0.98 -2.96	49.30 0.91 -10.58	46.48 0.84 -7.36	39.90 0.83 -3.02	40.68 0.83 -3.78	37.59 0.80 -3.37	40.06 0.80 -6.08	42.33 0.77 -8.12	46.26 0.81 -11.82	58.48 0.86 -23.12	63.31 0.96 -24.06	73.01 1.03 -32.53	66.82 0.95 -29.27	66.04 0.92 -29.54	59.67 0.89 -24.47	53.31 0.81 -20.04	49.24 0.82 -16.69	44.45 0.94 -6.04

MID___OSWEGATCHIE_HYD 23849	38.29 -2.14 -0.01	36.23 -1.74 -0.07	29.90 -1.69 -0.23	31.88 -1.78 -0.16	34.75 -1.79 -0.09	37.50 -1.77 -0.02	39.33 -1.55 -0.07	37.13 -0.95 -0.27	37.66 -0.80 -0.18	35.33 -0.79 -0.08	35.08 -1.08 -0.09	32.16 -1.30 -0.04	31.94 -1.36 -0.12	32.13 -1.50 -0.20	32.34 -1.58 -0.30	33.45 -1.62 -0.58	37.89 -1.00 -0.60	39.28 -0.99 -0.81	36.34 -0.99 -0.73	35.06 -1.24 -0.74	33.65 -1.27 -0.61	31.43 -1.53 -0.50	30.68 -1.46 -0.42	36.01 -1.61 -0.15
MID___RAQUETTE_HYD 23851	37.56 -2.87 -0.01	35.68 -2.27 -0.05	29.30 -2.23 -0.16	31.26 -2.34 -0.11	34.22 -2.30 -0.06	36.95 -2.32 -0.01	38.94 -1.92 -0.05	36.83 -1.17 -0.19	37.65 -0.77 -0.13	35.42 -0.68 -0.05	35.12 -1.01 -0.06	32.15 -1.30 -0.03	31.81 -1.46 -0.09	31.90 -1.67 -0.14	31.95 -1.88 -0.21	32.83 -2.07 -0.41	37.41 -1.30 -0.43	38.53 -1.50 -0.58	35.54 -1.57 -0.52	34.07 -2.03 -0.52	32.78 -1.96 -0.43	30.48 -2.34 -0.36	29.95 -2.06 -0.30	35.36 -2.21 -0.11
MILLIKEN___1 23584	40.90 0.40 -0.07	38.76 0.42 -0.43	33.18 0.34 -1.47	34.93 0.40 -1.04	37.38 0.36 -0.57	39.80 0.43 -0.12	41.69 0.41 -0.47	40.06 0.57 -1.69	39.88 0.42 -1.17	36.78 0.25 -0.48	36.87 0.25 -0.55	33.87 0.17 -0.28	34.17 0.20 -0.79	34.99 0.30 -1.26	35.88 0.37 -1.88	38.66 0.48 -3.69	42.74 0.61 -3.84	45.39 0.75 -5.18	41.95 0.70 -4.67	40.92 0.64 -4.71	38.79 0.58 -3.90	36.17 0.52 -3.19	34.79 0.41 -2.66	38.93 0.49 -0.98
MILLIKEN___2 23585	40.90 0.40 -0.07	38.76 0.42 -0.43	33.18 0.34 -1.47	34.93 0.40 -1.04	37.38 0.36 -0.57	39.80 0.43 -0.12	41.69 0.41 -0.47	40.06 0.57 -1.69	39.88 0.42 -1.17	36.78 0.25 -0.48	36.87 0.25 -0.55	33.87 0.17 -0.28	34.17 0.20 -0.79	34.99 0.30 -1.26	35.88 0.37 -1.88	38.66 0.48 -3.69	42.74 0.61 -3.84	45.39 0.75 -5.18	41.95 0.70 -4.67	40.92 0.64 -4.71	38.79 0.58 -3.90	36.17 0.52 -3.19	34.79 0.41 -2.66	38.93 0.49 -0.98
MILLIKEN___DIESEL 23629	40.90 0.40 -0.07	38.76 0.42 -0.43	33.18 0.34 -1.47	34.93 0.40 -1.04	37.38 0.36 -0.57	39.80 0.43 -0.12	41.69 0.41 -0.47	40.06 0.57 -1.69	39.88 0.42 -1.17	36.78 0.25 -0.48	36.87 0.25 -0.55	33.87 0.17 -0.28	34.17 0.20 -0.79	34.99 0.30 -1.26	35.88 0.37 -1.88	38.66 0.48 -3.69	42.74 0.61 -3.84	45.39 0.75 -5.18	41.95 0.70 -4.67	40.92 0.64 -4.71	38.79 0.58 -3.90	36.17 0.52 -3.19	34.79 0.41 -2.66	38.93 0.49 -0.98
MILLSEAT___LFGE 323607	38.09 -2.39 -0.05	35.97 -2.24 -0.30	30.46 -1.91 -1.01	32.20 -2.01 -0.71	34.83 -2.00 -0.39	36.93 -2.40 -0.08	38.28 -2.82 -0.29	35.83 -2.99 -1.01	36.00 -2.99 -0.70	33.17 -3.17 -0.29	33.12 -3.28 -0.33	30.78 -2.81 -0.17	30.77 -2.89 -0.47	31.18 -3.01 -0.75	31.80 -2.96 -1.13	33.62 -3.07 -2.20	37.44 -3.14 -2.29	39.55 -3.00 -3.10	36.42 -2.96 -2.79	35.68 -2.70 -2.81	33.89 -2.75 -2.33	31.80 -2.56 -1.91	31.00 -2.31 -1.59	36.08 -2.06 -0.67
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.02 2.22 -0.37	42.05 1.86 -2.28	40.74 1.63 -7.75	40.61 1.64 -5.47	41.26 1.82 -2.99	41.82 1.96 -0.61	45.52 2.20 -2.52	49.11 2.31 -9.00	47.03 2.49 -6.25	40.93 2.31 -2.57	42.35 2.34 -3.93	41.91 2.17 -6.31	42.94 2.16 -7.60	43.05 2.17 -7.44	45.80 2.12 -10.05	56.29 2.14 -19.66	61.12 2.37 -20.46	69.48 2.37 -27.65	63.71 2.23 -24.89	62.86 2.17 -25.12	57.13 2.02 -20.80	51.44 1.95 -17.04	47.82 1.90 -14.19	44.82 2.21 -5.14
MILLWOOD_13_KV_LOAD 356217	43.10 2.30 -0.37	42.12 1.93 -2.28	40.77 1.66 -7.75	40.67 1.71 -5.47	41.33 1.90 -2.99	41.90 2.04 -0.61	45.61 2.29 -2.52	49.23 2.42 -9.00	47.14 2.60 -6.25	41.03 2.42 -2.57	42.46 2.45 -3.93	41.97 2.24 -6.31	43.04 2.26 -7.60	43.15 2.27 -7.44	45.90 2.22 -10.05	56.39 2.24 -19.66	61.23 2.49 -20.46	69.60 2.49 -27.65	63.82 2.34 -24.89	62.96 2.28 -25.12	57.23 2.13 -20.80	51.54 2.04 -17.04	47.91 2.00 -14.19	44.93 2.32 -5.14
MODEL_CITY_ENERGY 24167	37.16 -3.31 -0.05	35.07 -3.15 -0.31	29.82 -2.60 -1.06	31.46 -2.78 -0.75	33.94 -2.92 -0.41	35.96 -3.38 -0.08	37.17 -3.92 -0.28	34.58 -4.23 -1.00	34.73 -4.25 -0.70	32.05 -4.29 -0.29	32.04 -4.37 -0.33	29.85 -3.74 -0.17	29.80 -3.85 -0.47	30.20 -3.98 -0.75	30.74 -4.00 -1.12	32.53 -4.14 -2.18	36.07 -4.48 -2.27	38.06 -4.46 -3.06	35.07 -4.28 -2.76	34.29 -4.06 -2.78	32.63 -3.98 -2.30	30.68 -3.67 -1.89	29.93 -3.36 -1.57	35.02 -3.15 -0.70
MODERN_LFGE___ 323580	37.16 -3.31 -0.05	35.07 -3.15 -0.31	29.82 -2.60 -1.06	31.46 -2.78 -0.75	33.94 -2.92 -0.41	35.96 -3.38 -0.08	37.17 -3.92 -0.28	34.58 -4.23 -1.00	34.73 -4.25 -0.70	32.05 -4.29 -0.29	32.04 -4.37 -0.33	29.85 -3.74 -0.17	29.80 -3.85 -0.47	30.20 -3.98 -0.75	30.74 -4.00 -1.12	32.53 -4.14 -2.18	36.07 -4.48 -2.27	38.06 -4.46 -3.06	35.07 -4.28 -2.76	34.29 -4.06 -2.78	32.63 -3.98 -2.30	30.68 -3.67 -1.89	29.93 -3.36 -1.57	35.02 -3.15 -0.70
MOHAWK_PAPER___DRP 24187	42.08 1.21 -0.44	41.94 1.29 -2.74	41.68 1.00 -9.31	41.21 1.14 -6.58	41.28 1.24 -3.59	41.28 1.30 -0.73	45.01 1.18 -3.02	49.76 1.13 -10.82	46.99 1.19 -7.52	40.33 1.19 -3.09	41.10 1.19 -3.84	37.91 1.17 -3.33	40.44 1.13 -6.13	42.83 1.10 -8.29	46.82 1.11 -12.09	59.23 1.10 -23.64	64.15 1.26 -24.60	74.01 1.30 -33.26	67.73 1.21 -29.93	66.95 1.17 -30.21	60.45 1.13 -25.02	53.98 1.04 -20.49	49.83 1.05 -17.07	44.81 1.16 -6.18
MOHICAN___35_KV_115KV_LD 80490	43.43 2.55 -0.45	43.22 2.50 -2.81	42.77 1.88 -9.52	42.39 2.18 -6.73	42.45 2.33 -3.67	42.51 2.51 -0.75	46.63 2.73 -3.09	51.48 2.61 -11.06	48.62 2.64 -7.69	41.66 2.45 -3.16	42.38 2.42 -3.89	38.80 2.14 -3.24	41.56 2.22 -6.16	44.13 2.24 -8.45	48.37 2.39 -12.36	61.11 2.45 -24.17	66.24 2.79 -25.15	76.50 3.04 -34.00	69.94 2.74 -30.60	69.12 2.67 -30.88	62.42 2.54 -25.58	55.68 2.27 -20.95	51.36 2.19 -17.45	46.29 2.51 -6.32
MONGAUP___HYD 23641	42.86 2.10 -0.34	41.75 1.74 -2.10	39.98 1.51 -7.11	40.06 1.54 -5.02	40.94 1.75 -2.74	41.73 1.92 -0.56	45.23 2.12 -2.31	48.14 2.08 -8.25	46.20 2.18 -5.74	40.21 1.80 -2.36	37.44 1.73 0.37	21.70 1.54 13.26	28.24 1.53 6.46	38.93 1.60 -3.89	44.46 1.61 -9.22	54.32 1.79 -18.04	59.20 2.14 -18.77	67.07 2.25 -25.37	61.62 2.20 -22.83	60.75 2.13 -23.04	55.34 1.95 -19.08	49.94 1.85 -15.63	46.52 1.78 -13.02	44.24 2.06 -4.72
MONTAUK___DIESEL 23721	43.76 2.95 -0.38	42.70 2.50 -2.29	41.00 1.85 -7.79	40.77 1.78 -5.50	41.56 2.11 -3.00	42.53 2.67 -0.61	46.44 3.10 -2.54	50.19 3.33 -9.05	48.10 3.52 -6.29	41.73 3.10 -2.58	42.75 2.78 -3.90	42.11 2.61 -6.09	43.13 2.49 -7.46	43.39 2.51 -7.44	47.11 2.56 -10.93	56.67 2.41 -19.77	69.68 2.79 -28.59	90.58 2.76 -48.36	79.42 2.60 -40.23	70.94 2.42 -32.95	65.81 2.16 -29.34	62.06 2.01 -27.58	54.24 1.93 -20.58	46.58 2.74 -6.37
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.17 -3.31 -0.06	35.12 -3.15 -0.35	29.99 -2.57 -1.20	31.56 -2.78 -0.85	33.89 -3.03 -0.46	35.77 -3.57 -0.09	37.26 -3.88 -0.33	35.27 -3.71 -1.16	35.30 -3.79 -0.81	32.42 -3.97 -0.34	32.31 -4.15 -0.38	29.77 -3.84 -0.20	29.78 -3.95 -0.55	30.32 -3.98 -0.87	30.92 -4.00 -1.30	32.99 -4.04 -2.53	36.71 -4.21 -2.63	38.95 -4.06 -3.56	35.81 -3.99 -3.20	34.92 -3.88 -3.23	33.24 -3.74 -2.68	31.11 -3.54 -2.19	30.22 -3.33 -1.83	34.89 -3.37 -0.80

MORRIS_RIDGE___SOLAR 323848	38.11 -2.39 -0.07	36.06 -2.27 -0.42	30.91 -1.88 -1.43	32.52 -1.98 -1.01	34.88 -2.11 -0.55	36.89 -2.47 -0.11	38.49 -2.73 -0.42	36.81 -2.50 -1.50	36.69 -2.64 -1.04	33.74 -2.74 -0.43	33.71 -2.85 -0.49	31.07 -2.61 -0.25	31.26 -2.62 -0.70	31.94 -2.61 -1.12	32.71 -2.59 -1.67	35.13 -2.62 -3.27	38.93 -2.76 -3.40	41.37 -2.68 -4.59	38.17 -2.56 -4.13	37.25 -2.49 -4.17	35.33 -2.43 -3.46	32.95 -2.34 -2.83	31.83 -2.25 -2.36	36.13 -2.29 -0.95
MORTIMER_115KV_TB3 55949	38.97 -1.50 -0.04	36.80 -1.36 -0.26	31.04 -1.19 -0.87	32.87 -1.24 -0.61	35.54 -1.24 -0.33	37.86 -1.45 -0.07	39.34 -1.75 -0.29	36.91 -1.93 -1.02	37.08 -1.91 -0.71	34.25 -2.09 -0.29	34.31 -2.09 -0.33	31.82 -1.77 -0.17	31.87 -1.79 -0.48	32.33 -1.87 -0.76	32.92 -1.85 -1.15	34.80 -1.93 -2.24	38.63 -1.99 -2.33	40.71 -1.89 -3.15	37.53 -1.90 -2.84	36.72 -1.71 -2.86	34.96 -1.72 -2.37	32.78 -1.62 -1.94	31.91 -1.43 -1.62	36.77 -1.27 -0.58
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.26 2.47 -0.37	42.25 2.05 -2.29	40.94 1.79 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.50 -9.04	47.29 2.72 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	46.05 2.32 -10.10	56.56 2.31 -19.76	61.37 2.53 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.91	51.69 2.11 -17.12	48.04 2.06 -14.26	45.14 2.51 -5.17
MUNSVILLE_WIND_PWR 323609	43.16 2.63 -0.11	40.97 2.39 -0.67	35.43 1.79 -2.28	37.15 2.04 -1.61	39.55 2.22 -0.88	42.02 2.59 -0.18	44.23 2.69 -0.73	43.53 3.10 -2.62	42.94 2.83 -1.82	39.36 2.56 -0.75	39.14 2.34 -0.73	35.33 2.07 0.16	36.17 2.19 -0.80	37.53 2.24 -1.86	39.04 2.49 -2.93	43.08 2.86 -5.72	47.88 3.64 -5.96	51.49 3.98 -8.05	47.53 3.69 -7.25	46.37 3.49 -7.31	43.41 3.05 -6.06	40.31 2.89 -4.96	38.29 2.44 -4.13	41.83 2.85 -1.51
N SALMON___HYD 24042	37.20 -3.24 -0.01	35.41 -2.54 -0.04	29.04 -2.45 -0.13	31.00 -2.58 -0.09	34.02 -2.48 -0.05	36.79 -2.47 -0.01	38.85 -2.00 -0.04	36.79 -1.17 -0.15	37.74 -0.65 -0.10	35.51 -0.58 -0.04	35.22 -0.90 -0.05	32.21 -1.24 -0.02	31.82 -1.43 -0.07	31.91 -1.64 -0.11	31.94 -1.85 -0.16	32.81 -2.00 -0.32	37.40 -1.23 -0.34	38.41 -1.50 -0.45	35.28 -1.72 -0.41	33.70 -2.28 -0.41	32.49 -2.16 -0.34	30.11 -2.63 -0.28	29.67 -2.28 -0.23	35.08 -2.47 -0.08
N.AKRON__115KV_KNAPP 355671	38.09 -2.39 -0.05	35.97 -2.24 -0.30	30.47 -1.91 -1.02	32.20 -2.01 -0.72	34.80 -2.04 -0.39	36.93 -2.39 -0.08	38.23 -2.86 -0.29	35.80 -3.02 -1.01	35.96 -3.02 -0.70	33.13 -3.21 -0.29	33.09 -3.32 -0.33	30.75 -2.84 -0.17	30.73 -2.92 -0.47	31.15 -3.04 -0.75	31.76 -2.99 -1.13	33.59 -3.10 -2.20	37.36 -3.22 -2.29	39.51 -3.04 -3.09	36.38 -3.00 -2.78	35.60 -2.77 -2.81	33.85 -2.78 -2.33	31.77 -2.60 -1.91	30.96 -2.35 -1.59	36.04 -2.10 -0.68
N.BELMOR_69_KV_BK1 55787	43.72 2.91 -0.38	42.74 2.54 -2.29	41.16 2.01 -7.79	41.00 2.01 -5.50	41.71 2.26 -3.00	42.49 2.63 -0.61	46.28 2.94 -2.54	49.85 2.99 -9.05	47.72 3.14 -6.30	41.55 2.92 -2.58	42.94 2.96 -3.91	42.22 2.71 -6.09	43.30 2.65 -7.46	43.59 2.71 -7.45	47.51 2.62 -11.25	56.92 2.66 -19.77	72.79 2.76 -31.74	98.61 2.72 -56.43	85.35 2.56 -46.20	74.11 2.56 -35.98	69.36 2.40 -32.65	66.52 2.37 -31.69	57.13 2.35 -23.06	47.12 2.81 -6.85
N.E_GEN_SANDY PD 24062	43.30 1.86 -1.01	42.80 1.67 -3.23	41.70 1.44 -8.90	41.07 1.51 -6.07	41.40 1.64 -3.31	41.65 1.72 -0.68	49.03 1.84 -6.39	54.77 1.81 -15.14	47.13 1.91 -6.94	40.70 1.80 -2.85	41.65 1.80 -3.78	39.31 1.67 -4.21	41.27 1.63 -6.47	42.89 1.64 -7.82	46.42 1.65 -11.15	57.98 1.69 -21.81	68.50 1.88 -28.34	75.10 1.93 -33.71	71.27 1.79 -32.88	65.17 1.74 -27.86	62.50 1.65 -26.55	57.30 1.59 -23.25	49.50 1.55 -16.23	45.00 1.84 -5.70
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.97 2.18 -0.36	41.95 1.82 -2.23	40.52 1.60 -7.56	40.44 1.61 -5.34	41.15 1.79 -2.91	41.77 1.92 -0.59	45.42 2.16 -2.45	48.82 2.23 -8.78	46.84 2.45 -6.10	40.79 2.23 -2.51	42.46 2.27 -4.12	43.00 2.07 -7.51	43.61 2.06 -8.37	43.01 2.11 -7.46	45.49 2.05 -9.81	55.74 2.07 -19.18	60.54 2.30 -19.96	68.76 2.33 -26.98	63.03 2.16 -24.28	62.21 2.13 -24.51	56.56 1.96 -20.30	50.99 1.92 -16.62	47.41 1.84 -13.85	44.66 2.17 -5.02
N.QUEENS_27_KV_LOAD 356247	43.38 2.59 -0.37	42.32 2.12 -2.29	40.94 1.79 -7.79	40.80 1.81 -5.50	41.42 1.97 -3.00	41.71 1.84 -0.61	45.41 2.08 -2.53	49.12 2.27 -9.04	47.13 2.57 -6.28	41.12 2.49 -2.58	42.57 2.60 -3.90	41.91 2.41 -6.08	42.99 2.36 -7.46	43.28 2.41 -7.43	45.85 2.12 -10.10	56.32 2.07 -19.76	61.03 2.18 -20.56	69.42 2.17 -27.79	63.65 2.05 -25.01	62.84 2.03 -25.24	57.06 1.85 -20.90	51.43 1.85 -17.12	47.79 1.81 -14.26	45.07 2.44 -5.17
N.TROY___115KV_TB1 355778	42.49 1.62 -0.45	42.22 1.55 -2.76	41.98 1.25 -9.37	41.48 1.37 -6.61	41.51 1.46 -3.61	41.56 1.57 -0.74	45.48 1.63 -3.04	50.24 1.55 -10.88	47.45 1.61 -7.56	40.67 1.51 -3.11	41.44 1.52 -3.86	38.16 1.40 -3.33	40.73 1.39 -6.16	43.17 1.40 -8.33	47.23 1.45 -12.15	59.74 1.48 -23.77	64.71 1.68 -24.74	74.63 1.74 -33.44	68.29 1.61 -30.09	67.47 1.53 -30.37	60.93 1.48 -25.15	54.45 1.40 -20.60	50.24 1.36 -17.16	45.21 1.54 -6.21
NARROWS_GT1_1 24228	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT1_2 24229	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT1_3 24230	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT1_4 24231	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17

NARROWS_GT1_5 24232	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT1_6 24233	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT1_7 24234	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT1_8 24235	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT2_1 24236	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT2_2 24237	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT2_3 24238	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT2_4 24239	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT2_5 24240	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT2_6 24241	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT2_7 24242	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NARROWS_GT2_8 24243	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.31 2.44 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.95 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.07 2.09 -14.26	45.25 2.62 -5.17
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.90 1.05 -0.42	41.79 1.29 -2.60	41.15 0.97 -8.82	40.86 1.14 -6.23	41.12 1.28 -3.40	41.36 1.41 -0.69	44.85 1.18 -2.86	49.03 0.98 -10.24	46.36 0.96 -7.12	39.69 0.72 -2.93	40.45 0.65 -3.73	37.60 0.57 -3.61	39.88 0.56 -6.13	41.89 0.53 -7.92	45.71 0.64 -11.44	57.73 0.86 -22.38	62.72 1.15 -23.29	72.28 1.34 -31.48	66.24 1.32 -28.33	65.40 1.24 -28.59	59.15 1.17 -23.68	52.86 1.01 -19.39	48.83 0.95 -16.16	44.33 1.01 -5.85
NCHELSEA_115KV_TR2 355582	43.14 2.34 -0.37	42.21 2.01 -2.30	40.88 1.72 -7.80	40.77 1.78 -5.51	41.46 2.00 -3.00	42.02 2.16 -0.61	45.74 2.41 -2.53	49.28 2.42 -9.05	47.22 2.64 -6.29	40.94 2.31 -2.59	42.22 2.31 -3.84	41.28 2.07 -5.79	42.49 2.06 -7.26	43.01 2.17 -7.40	45.89 2.15 -10.11	56.51 2.24 -19.78	61.40 2.53 -20.58	69.84 2.56 -27.82	64.05 2.42 -25.04	63.22 2.38 -25.27	57.43 2.20 -20.93	51.71 2.11 -17.14	48.03 2.03 -14.28	45.00 2.36 -5.17
NEG CAPITAL___MECHNVIL 23645	42.90 2.02 -0.45	42.71 2.01 -2.79	42.37 1.54 -9.47	41.89 1.71 -6.69	41.95 1.86 -3.65	41.96 1.96 -0.75	46.00 2.12 -3.08	50.85 2.04 -11.00	48.00 2.07 -7.65	41.10 1.91 -3.14	41.86 1.91 -3.88	38.46 1.77 -3.27	41.13 1.79 -6.16	43.65 1.80 -8.41	47.83 1.92 -12.29	60.49 1.96 -24.03	65.52 2.22 -25.01	75.67 2.41 -33.81	69.18 2.16 -30.42	68.37 2.10 -30.71	61.73 1.99 -25.43	55.10 1.82 -20.83	50.81 1.74 -17.35	45.73 1.98 -6.28

NEG CENTRAL_HIGH_ACRES 23767	38.53 -1.94 -0.04	36.41 -1.74 -0.25	30.73 -1.47 -0.84	32.55 -1.54 -0.60	35.13 -1.64 -0.33	37.51 -1.80 -0.07	39.01 -2.08 -0.28	36.73 -2.08 -1.00	36.84 -2.14 -0.70	34.10 -2.24 -0.29	34.16 -2.24 -0.33	31.65 -1.94 -0.17	31.69 -1.96 -0.47	32.21 -1.97 -0.75	32.83 -1.92 -1.12	34.68 -2.00 -2.19	38.46 -2.11 -2.28	40.49 -2.05 -3.09	37.36 -2.01 -2.78	36.52 -1.85 -2.80	34.77 -1.85 -2.32	32.61 -1.75 -1.90	31.65 -1.65 -1.58	36.42 -1.61 -0.56
NEG CENTRAL___DRP 24199	39.99 -0.49 -0.04	37.73 -0.45 -0.28	31.93 -0.38 -0.94	33.79 -0.37 -0.66	36.37 -0.44 -0.36	38.85 -0.47 -0.07	40.58 -0.53 -0.31	38.49 -0.42 -1.09	38.47 -0.57 -0.76	35.68 -0.68 -0.31	35.71 -0.72 -0.36	32.93 -0.67 -0.18	33.06 -0.63 -0.51	33.65 -0.60 -0.81	34.34 -0.50 -1.22	36.43 -0.45 -2.39	40.35 -0.42 -2.49	42.50 -0.32 -3.36	39.32 -0.29 -3.02	38.30 -0.32 -3.05	36.49 -0.34 -2.53	34.17 -0.36 -2.07	33.03 -0.41 -1.72	37.68 -0.41 -0.62
NEG CENTRAL___INDECK 23768	39.60 -0.89 -0.06	37.55 -0.72 -0.37	31.94 -0.66 -1.24	33.70 -0.67 -0.88	36.31 -0.62 -0.48	38.60 -0.75 -0.10	40.25 -0.94 -0.38	38.43 -0.76 -1.37	38.28 -0.96 -0.95	34.93 -1.51 -0.39	34.82 -1.69 -0.45	32.08 -1.57 -0.23	32.26 -1.56 -0.64	32.89 -1.57 -1.02	33.71 -1.45 -1.53	36.14 -1.35 -2.99	40.29 -1.11 -3.12	42.96 -0.71 -4.21	39.73 -0.66 -3.79	38.86 -0.53 -3.82	36.86 -0.62 -3.17	34.34 -0.71 -2.59	33.25 -0.63 -2.16	37.84 -0.45 -0.82
NEG CENTRAL___SENECA 23627	39.87 -0.61 -0.05	37.68 -0.53 -0.31	31.93 -0.47 -1.04	33.76 -0.47 -0.74	36.34 -0.51 -0.40	38.74 -0.59 -0.08	40.49 -0.65 -0.34	38.56 -0.45 -1.20	38.51 -0.61 -0.84	35.60 -0.79 -0.34	35.60 -0.87 -0.39	32.79 -0.84 -0.20	32.95 -0.80 -0.56	33.60 -0.74 -0.90	34.33 -0.64 -1.34	36.53 -0.59 -2.63	40.52 -0.50 -2.73	42.84 -0.32 -3.70	39.59 -0.33 -3.33	38.57 -0.36 -3.36	36.67 -0.41 -2.78	34.28 -0.45 -2.28	33.11 -0.51 -1.90	37.71 -0.45 -0.69
NEG CENTRAL___STATE_STREET 24147	40.31 -0.16 -0.04	38.03 -0.15 -0.27	32.16 -0.13 -0.92	34.01 -0.13 -0.65	36.62 -0.18 -0.36	39.16 -0.16 -0.07	40.90 -0.20 -0.30	38.77 -0.11 -1.07	38.76 -0.27 -0.74	35.99 -0.36 -0.31	36.10 -0.32 -0.35	33.30 -0.30 -0.18	33.42 -0.27 -0.50	34.03 -0.20 -0.80	34.66 -0.17 -1.20	36.76 -0.07 -2.34	40.68 -0.04 -2.43	42.79 0.04 -3.29	39.63 0.07 -2.96	38.59 0.04 -2.99	36.81 0.03 -2.48	34.45 -0.03 -2.03	33.31 -0.10 -1.69	37.97 -0.11 -0.61
NEG MILLWOOD___DRP 24198	43.27 2.47 -0.37	42.31 2.08 -2.31	41.04 1.82 -7.86	40.91 1.88 -5.55	41.59 2.11 -3.03	42.14 2.28 -0.62	45.88 2.53 -2.55	49.65 2.72 -9.12	47.57 2.95 -6.34	41.28 2.63 -2.61	42.52 2.63 -3.82	41.43 2.41 -5.60	42.71 2.39 -7.14	43.33 2.47 -7.42	46.27 2.45 -10.19	56.93 2.52 -19.92	61.82 2.79 -20.73	70.24 2.76 -28.03	64.45 2.63 -25.22	63.62 2.60 -25.46	57.82 2.44 -21.08	52.06 2.34 -17.27	48.36 2.25 -14.38	45.19 2.51 -5.21
NEG NORTH_FLCN_SEA 23793	37.23 -3.19 0.00	35.44 -2.46 0.00	28.98 -2.38 0.00	30.98 -2.51 0.00	34.04 -2.41 0.00	36.89 -2.35 0.00	38.93 -1.88 0.00	36.71 -1.10 0.00	37.71 -0.57 0.00	35.51 -0.54 0.00	35.21 -0.87 0.00	32.22 -1.20 0.00	31.79 -1.39 0.00	31.86 -1.57 0.00	31.85 -1.78 0.00	32.56 -1.93 0.00	37.18 -1.11 0.00	38.00 -1.46 0.00	34.87 -1.72 0.00	33.22 -2.35 0.00	32.04 -2.26 0.00	29.76 -2.69 0.00	29.40 -2.32 0.00	34.99 -2.47 0.00
NEG NORTH_KES_CHATEGAY 23792	36.83 -3.60 0.00	35.03 -2.88 0.00	28.63 -2.73 0.00	30.65 -2.85 0.00	33.64 -2.81 0.00	36.42 -2.83 0.00	38.44 -2.37 0.00	36.22 -1.59 0.00	37.21 -1.07 0.00	35.07 -0.97 0.00	34.74 -1.33 0.00	31.82 -1.60 0.00	31.42 -1.76 0.00	31.43 -2.01 0.00	31.44 -2.19 0.00	32.11 -2.38 0.00	36.64 -1.65 0.00	37.44 -2.01 0.00	34.40 -2.20 0.00	32.79 -2.77 0.00	31.63 -2.68 0.00	29.41 -3.05 0.00	29.02 -2.70 0.00	34.58 -2.88 0.00
NEG NORTH___ALICE_FALLS 23915	37.31 -3.11 0.00	35.52 -2.39 0.00	29.04 -2.32 0.00	31.05 -2.44 0.00	34.12 -2.33 0.00	36.97 -2.28 0.00	39.01 -1.80 0.00	36.83 -0.98 0.00	37.86 -0.42 0.00	35.65 -0.40 0.00	35.32 -0.76 0.00	32.32 -1.10 0.00	31.89 -1.29 0.00	31.93 -1.50 0.00	31.95 -1.68 0.00	32.66 -1.83 0.00	37.33 -0.96 0.00	38.19 -1.26 0.00	35.06 -1.54 0.00	33.40 -2.17 0.00	32.21 -2.09 0.00	29.89 -2.56 0.00	29.50 -2.22 0.00	35.11 -2.36 0.00
NEG NORTH___LWR_SARANAC 23913	37.31 -3.11 0.00	35.52 -2.39 0.00	29.04 -2.32 0.00	31.05 -2.44 0.00	34.12 -2.33 0.00	36.97 -2.28 0.00	39.01 -1.80 0.00	36.83 -0.98 0.00	37.86 -0.42 0.00	35.65 -0.40 0.00	35.32 -0.76 0.00	32.32 -1.10 0.00	31.89 -1.29 0.00	31.93 -1.50 0.00	31.95 -1.68 0.00	32.66 -1.83 0.00	37.33 -0.96 0.00	38.19 -1.26 0.00	35.06 -1.54 0.00	33.40 -2.17 0.00	32.21 -2.09 0.00	29.89 -2.56 0.00	29.50 -2.22 0.00	35.11 -2.36 0.00
NEG NORTH___PLATTSBURG 23628	37.31 -3.11 0.00	35.52 -2.39 0.00	29.04 -2.32 0.00	31.05 -2.44 0.00	34.12 -2.33 0.00	36.97 -2.28 0.00	39.01 -1.79 0.00	36.83 -0.98 0.00	37.86 -0.42 0.00	35.65 -0.40 0.00	35.31 -0.76 0.00	32.32 -1.10 0.00	31.89 -1.29 0.00	31.93 -1.50 0.00	31.95 -1.68 0.00	32.70 -1.79 0.00	37.33 -0.96 0.00	38.19 -1.26 0.00	35.06 -1.54 0.00	33.40 -2.17 0.00	32.21 -2.09 0.00	29.89 -2.56 0.00	29.50 -2.22 0.00	35.11 -2.36 0.00
NEG WEST_LEA_LOCKPORT 23791	37.52 -2.95 -0.05	35.41 -2.81 -0.31	30.09 -2.32 -1.05	31.76 -2.48 -0.74	34.27 -2.59 -0.40	36.27 -3.06 -0.08	37.54 -3.55 -0.28	35.00 -3.82 -1.01	35.16 -3.83 -0.70	32.41 -3.93 -0.29	32.40 -4.00 -0.33	30.18 -3.41 -0.17	30.14 -3.52 -0.47	30.54 -3.64 -0.75	31.12 -3.63 -1.12	32.92 -3.76 -2.19	36.55 -4.02 -2.28	38.55 -3.99 -3.08	35.49 -3.88 -2.77	34.74 -3.63 -2.80	33.02 -3.60 -2.32	31.05 -3.31 -1.90	30.26 -3.05 -1.58	35.39 -2.77 -0.70
NEG WEST___LANCASTER 23811	36.60 -3.88 -0.06	34.47 -3.79 -0.36	29.47 -3.10 -1.21	31.03 -3.32 -0.86	33.42 -3.50 -0.47	35.30 -4.04 -0.10	36.94 -4.20 -0.33	35.55 -3.44 -1.18	35.58 -3.52 -0.82	33.00 -3.39 -0.34	32.96 -3.50 -0.39	30.31 -3.31 -0.20	30.42 -3.32 -0.55	31.14 -3.18 -0.88	31.81 -3.13 -1.31	33.85 -3.21 -2.56	37.59 -3.37 -2.67	39.82 -3.24 -3.60	36.73 -3.11 -3.24	35.75 -3.09 -3.27	34.00 -3.02 -2.71	31.66 -3.02 -2.22	30.49 -3.08 -1.85	34.49 -3.78 -0.80
NEG_PENN_ALLEGHNY 23528	40.46 -0.08 -0.11	38.50 -0.11 -0.70	33.69 -0.06 -2.39	35.11 -0.07 -1.69	37.26 -0.11 -0.92	39.32 -0.12 -0.19	41.45 -0.12 -0.77	40.58 0.04 -2.74	40.15 -0.04 -1.90	36.72 -0.11 -0.78	36.72 -0.11 -0.76	33.10 -0.13 0.19	33.91 -0.10 -0.83	35.34 -0.03 -1.94	36.68 0.00 -3.06	40.50 0.03 -5.98	44.58 0.08 -6.22	47.94 0.08 -8.41	44.23 0.07 -7.57	43.24 0.04 -7.64	40.66 0.03 -6.32	37.64 0.00 -5.18	35.97 -0.06 -4.32	39.02 -0.04 -1.59
NEG___GEN_MONROE 24207	38.93 -1.54 -0.04	36.80 -1.36 -0.26	31.05 -1.19 -0.88	32.87 -1.24 -0.62	35.58 -1.20 -0.34	37.87 -1.45 -0.07	39.30 -1.80 -0.28	36.79 -2.04 -1.02	36.96 -2.03 -0.71	34.14 -2.20 -0.29	34.10 -2.31 -0.33	31.65 -1.94 -0.17	31.67 -1.99 -0.48	32.15 -2.04 -0.76	32.75 -2.02 -1.14	34.61 -2.10 -2.23	38.38 -2.22 -2.32	40.50 -2.09 -3.13	37.36 -2.05 -2.82	36.56 -1.85 -2.85	34.77 -1.89 -2.36	32.60 -1.79 -1.93	31.77 -1.55 -1.61	36.77 -1.27 -0.58

NEPA__ENERGY 23901	37.65 -2.83 -0.06	35.52 -2.73 -0.34	30.29 -2.23 -1.16	31.90 -2.41 -0.82	34.38 -2.51 -0.45	36.32 -3.02 -0.09	37.73 -3.39 -0.31	35.54 -3.37 -1.10	35.64 -3.41 -0.76	32.83 -3.53 -0.32	32.83 -3.61 -0.36	30.40 -3.21 -0.19	30.45 -3.25 -0.52	30.94 -3.31 -0.82	31.52 -3.33 -1.23	33.47 -3.41 -2.39	37.18 -3.60 -2.49	39.35 -3.47 -3.36	36.22 -3.40 -3.03	35.35 -3.27 -3.05	33.61 -3.22 -2.53	31.51 -3.02 -2.07	30.62 -2.82 -1.73	35.46 -2.77 -0.77
NEVERSINK__HYD 23608	42.89 2.14 -0.32	41.70 1.78 -2.01	39.72 1.54 -6.82	39.89 1.57 -4.82	40.86 1.79 -2.63	41.75 1.96 -0.54	45.22 2.20 -2.21	47.96 2.23 -7.92	46.16 2.37 -5.50	40.33 2.02 -2.26	40.71 1.95 -2.69	36.97 1.70 -1.85	38.98 1.72 -4.07	41.22 1.80 -5.98	44.32 1.85 -8.85	53.79 2.00 -17.30	58.59 2.30 -18.01	66.20 2.41 -24.34	60.80 2.31 -21.90	59.92 2.24 -22.11	54.67 2.06 -18.31	49.43 1.98 -14.99	46.11 1.90 -12.49	44.20 2.21 -4.53
NEWKRMKL_115KV_TB1 55635	41.64 0.77 -0.44	41.63 0.99 -2.74	41.41 0.75 -9.30	40.93 0.87 -6.57	40.98 0.95 -3.58	41.00 1.02 -0.73	44.56 0.73 -3.02	49.29 0.68 -10.80	46.52 0.73 -7.51	40.00 0.87 -3.09	40.77 0.87 -3.83	37.63 0.90 -3.31	40.13 0.83 -6.12	42.51 0.80 -8.27	46.47 0.77 -12.07	58.82 0.72 -23.60	63.65 0.80 -24.56	73.52 0.87 -33.20	67.24 0.77 -29.87	66.47 0.75 -30.15	60.00 0.72 -24.97	53.56 0.65 -20.45	49.42 0.67 -17.04	44.38 0.75 -6.17
NEWTON__FALLS_HYD 23847	38.29 -2.14 -0.01	36.23 -1.74 -0.07	29.90 -1.69 -0.23	31.88 -1.78 -0.16	34.75 -1.79 -0.09	37.50 -1.77 -0.02	39.33 -1.55 -0.07	37.13 -0.95 -0.27	37.66 -0.80 -0.18	35.33 -0.79 -0.08	35.08 -1.08 -0.09	32.16 -1.30 -0.04	31.94 -1.36 -0.12	32.13 -1.50 -0.20	32.34 -1.58 -0.30	33.45 -1.62 -0.58	37.89 -1.00 -0.60	39.28 -0.99 -0.81	36.34 -0.99 -0.73	35.06 -1.24 -0.74	33.65 -1.27 -0.61	31.43 -1.53 -0.50	30.68 -1.46 -0.42	36.01 -1.61 -0.15
NGRID_A1_DSASP 323792	37.20 -3.27 -0.05	35.08 -3.15 -0.31	29.86 -2.57 -1.07	31.50 -2.75 -0.75	33.98 -2.88 -0.41	35.96 -3.38 -0.08	37.12 -3.96 -0.27	34.46 -4.31 -0.96	34.59 -4.37 -0.67	31.96 -4.36 -0.28	31.99 -4.40 -0.32	29.81 -3.78 -0.17	29.82 -3.81 -0.45	30.11 -4.05 -0.72	30.63 -4.07 -1.08	32.38 -4.21 -2.10	35.87 -4.60 -2.18	37.79 -4.62 -2.95	34.82 -4.43 -2.65	34.05 -4.20 -2.68	32.41 -4.12 -2.22	30.54 -3.73 -1.82	29.81 -3.43 -1.52	35.03 -3.15 -0.71
NGRID_A2_DSASP 323793	37.20 -3.27 -0.05	35.08 -3.15 -0.31	29.86 -2.57 -1.07	31.50 -2.75 -0.75	33.98 -2.88 -0.41	35.96 -3.38 -0.08	37.12 -3.96 -0.27	34.46 -4.31 -0.96	34.59 -4.37 -0.67	31.96 -4.36 -0.28	31.99 -4.40 -0.32	29.81 -3.78 -0.17	29.82 -3.81 -0.45	30.11 -4.05 -0.72	30.63 -4.07 -1.08	32.38 -4.21 -2.10	35.87 -4.60 -2.18	37.79 -4.62 -2.95	34.82 -4.43 -2.65	34.05 -4.20 -2.68	32.41 -4.12 -2.22	30.54 -3.73 -1.82	29.81 -3.43 -1.52	35.03 -3.15 -0.71
NGRID_A4_DSASP 323807	37.20 -3.27 -0.05	35.08 -3.15 -0.31	29.86 -2.57 -1.07	31.50 -2.75 -0.75	33.98 -2.88 -0.41	35.96 -3.38 -0.08	37.12 -3.96 -0.27	34.46 -4.31 -0.96	34.59 -4.37 -0.67	31.96 -4.36 -0.28	31.99 -4.40 -0.32	29.81 -3.78 -0.17	29.82 -3.81 -0.45	30.11 -4.05 -0.72	30.63 -4.07 -1.08	32.38 -4.21 -2.10	35.87 -4.60 -2.18	37.79 -4.62 -2.95	34.82 -4.43 -2.65	34.05 -4.20 -2.68	32.41 -4.12 -2.22	30.54 -3.73 -1.82	29.81 -3.43 -1.52	35.03 -3.15 -0.71
NIAGARA_115E_LBMP 323715	36.96 -3.52 -0.05	34.85 -3.37 -0.32	29.67 -2.76 -1.07	31.30 -2.95 -0.76	33.76 -3.10 -0.41	35.72 -3.61 -0.08	36.93 -4.16 -0.28	34.34 -4.46 -1.00	34.46 -4.52 -0.69	31.83 -4.51 -0.29	31.78 -4.62 -0.33	29.65 -3.94 -0.17	29.60 -4.05 -0.47	29.96 -4.21 -0.74	30.50 -4.24 -1.11	32.28 -4.38 -2.17	35.80 -4.75 -2.26	37.77 -4.74 -3.05	34.76 -4.58 -2.75	34.03 -4.30 -2.77	32.38 -4.22 -2.30	30.48 -3.86 -1.88	29.70 -3.58 -1.57	34.80 -3.37 -0.71
NIAGARA_115W_LBMP 323714	37.12 -3.35 -0.05	35.00 -3.22 -0.31	29.79 -2.63 -1.07	31.43 -2.81 -0.75	33.91 -2.95 -0.41	35.88 -3.45 -0.08	37.08 -4.00 -0.27	34.38 -4.39 -0.96	34.51 -4.44 -0.67	31.89 -4.44 -0.28	31.91 -4.47 -0.32	29.74 -3.84 -0.17	29.75 -3.88 -0.45	30.04 -4.11 -0.72	30.56 -4.14 -1.07	32.30 -4.28 -2.09	35.79 -4.67 -2.17	37.69 -4.70 -2.93	34.73 -4.50 -2.64	34.00 -4.23 -2.67	32.33 -4.19 -2.21	30.47 -3.80 -1.81	29.74 -3.49 -1.51	34.95 -3.22 -0.71
NIAGARA_230_LBMP 323716	37.40 -3.07 -0.05	35.26 -2.96 -0.31	30.00 -2.41 -1.05	31.66 -2.58 -0.74	34.16 -2.70 -0.41	36.19 -3.14 -0.08	37.40 -3.67 -0.26	34.76 -3.97 -0.92	34.91 -4.02 -0.64	32.21 -4.11 -0.27	32.23 -4.15 -0.30	30.04 -3.54 -0.16	30.00 -3.62 -0.44	30.35 -3.78 -0.69	30.86 -3.80 -1.03	32.57 -3.93 -2.01	36.13 -4.25 -2.09	37.98 -4.30 -2.82	35.00 -4.14 -2.54	34.26 -3.88 -2.57	32.62 -3.81 -2.13	30.73 -3.47 -1.74	30.00 -3.17 -1.45	35.20 -2.96 -0.70
NIAGARA__115KV_198_GIBSON 55903	37.12 -3.36 -0.05	35.00 -3.22 -0.31	29.79 -2.63 -1.07	31.43 -2.81 -0.75	33.91 -2.95 -0.41	35.88 -3.45 -0.08	37.08 -4.00 -0.27	34.38 -4.39 -0.96	34.51 -4.44 -0.67	31.89 -4.43 -0.28	31.92 -4.47 -0.32	29.74 -3.84 -0.17	29.75 -3.88 -0.45	30.04 -4.11 -0.72	30.56 -4.14 -1.07	32.30 -4.28 -2.09	35.79 -4.67 -2.17	37.69 -4.70 -2.93	34.70 -4.54 -2.64	33.97 -4.27 -2.67	32.33 -4.19 -2.21	30.47 -3.80 -1.81	29.74 -3.49 -1.51	34.95 -3.22 -0.71
NIAGARA____ 23760	37.40 -3.07 -0.05	35.27 -2.96 -0.31	30.01 -2.41 -1.07	31.67 -2.58 -0.75	34.16 -2.70 -0.41	36.19 -3.14 -0.08	37.41 -3.67 -0.27	34.80 -3.97 -0.96	34.93 -4.02 -0.67	32.22 -4.11 -0.28	32.24 -4.15 -0.32	30.04 -3.54 -0.16	30.02 -3.62 -0.45	30.37 -3.78 -0.72	30.90 -3.80 -1.07	32.65 -3.93 -2.09	36.21 -4.25 -2.17	38.08 -4.30 -2.92	35.09 -4.14 -2.63	34.35 -3.88 -2.66	32.70 -3.81 -2.21	30.79 -3.47 -1.81	30.07 -3.17 -1.52	35.21 -2.96 -0.71
NINE_MILE_1 23575	39.24 -1.21 -0.02	36.90 -1.14 -0.13	30.87 -0.94 -0.45	32.84 -0.97 -0.32	35.53 -1.09 -0.17	38.11 -1.18 -0.04	39.69 -1.27 -0.15	36.97 -1.36 -0.52	37.19 -1.45 -0.36	34.86 -1.33 -0.15	34.95 -1.30 -0.17	32.31 -1.20 -0.09	32.26 -1.16 -0.24	32.65 -1.17 -0.39	33.03 -1.18 -0.58	34.42 -1.21 -1.14	38.06 -1.42 -1.19	39.64 -1.42 -1.60	36.72 -1.32 -1.44	35.78 -1.25 -1.46	34.34 -1.17 -1.21	32.34 -1.10 -0.99	31.46 -1.08 -0.82	36.49 -1.27 -0.30
NINE_MILE_2 23744	39.24 -1.21 -0.02	36.90 -1.14 -0.13	30.90 -0.91 -0.45	32.84 -0.97 -0.32	35.53 -1.09 -0.17	38.11 -1.18 -0.04	39.69 -1.27 -0.15	36.97 -1.36 -0.52	37.19 -1.45 -0.36	34.86 -1.33 -0.15	34.94 -1.30 -0.17	32.30 -1.20 -0.09	32.26 -1.16 -0.24	32.65 -1.17 -0.39	33.03 -1.18 -0.58	34.45 -1.17 -1.14	38.09 -1.38 -1.18	39.64 -1.42 -1.60	36.75 -1.28 -1.44	35.77 -1.25 -1.45	34.34 -1.17 -1.20	32.34 -1.10 -0.98	31.46 -1.08 -0.82	36.49 -1.27 -0.30
NM_CAPITAL__DRP 24208	41.80 0.93 -0.44	41.70 1.06 -2.73	41.48 0.85 -9.28	40.98 0.94 -6.55	41.04 1.02 -3.57	41.08 1.10 -0.73	44.72 0.90 -3.01	49.42 0.83 -10.77	46.65 0.88 -7.49	40.06 0.94 -3.08	40.87 0.97 -3.83	37.72 0.97 -3.34	40.23 0.93 -6.13	42.60 0.90 -8.26	46.54 0.87 -12.04	58.86 0.83 -23.54	63.71 0.92 -24.50	73.52 0.95 -33.12	67.27 0.88 -29.80	66.50 0.85 -30.08	60.04 0.82 -24.91	53.64 0.78 -20.40	49.51 0.79 -17.00	44.48 0.86 -6.15

NM_CENTRAL___DRP 24181	39.97 -0.49 -0.03	37.64 -0.45 -0.19	31.66 -0.34 -0.65	33.58 -0.37 -0.46	36.26 -0.44 -0.25	38.83 -0.47 -0.05	40.48 -0.53 -0.21	37.99 -0.57 -0.75	38.12 -0.69 -0.52	35.61 -0.65 -0.21	35.70 -0.61 -0.24	32.98 -0.57 -0.13	33.00 -0.53 -0.35	33.53 -0.47 -0.56	34.03 -0.44 -0.84	35.68 -0.45 -1.64	39.46 -0.54 -1.71	41.21 -0.55 -2.31	38.16 -0.51 -2.07	37.20 -0.46 -2.09	35.59 -0.45 -1.73	33.46 -0.42 -1.42	32.46 -0.44 -1.18	37.41 -0.49 -0.43
NM_FRONTIER___DRP 24179	37.12 -3.36 -0.05	35.00 -3.22 -0.31	29.79 -2.63 -1.07	31.43 -2.81 -0.75	33.91 -2.95 -0.41	35.88 -3.45 -0.08	37.08 -4.00 -0.27	34.38 -4.39 -0.96	34.51 -4.44 -0.67	31.89 -4.43 -0.28	31.92 -4.47 -0.32	29.74 -3.84 -0.17	29.75 -3.88 -0.45	30.04 -4.11 -0.72	30.56 -4.14 -1.07	32.30 -4.28 -2.09	35.79 -4.67 -2.17	37.69 -4.70 -2.93	34.70 -4.54 -2.64	33.97 -4.27 -2.67	32.33 -4.19 -2.21	30.47 -3.80 -1.81	29.74 -3.49 -1.51	34.95 -3.22 -0.71
NM_ST_REGIS___HYD 24053	37.40 -3.03 -0.01	35.56 -2.39 -0.05	29.19 -2.32 -0.15	31.16 -2.44 -0.11	34.14 -2.37 -0.06	36.87 -2.39 -0.01	38.86 -2.00 -0.05	36.78 -1.21 -0.18	37.64 -0.77 -0.12	35.41 -0.68 -0.05	35.12 -1.01 -0.06	32.11 -1.34 -0.03	31.77 -1.49 -0.08	31.86 -1.71 -0.13	31.95 -1.88 -0.20	32.78 -2.10 -0.39	37.36 -1.34 -0.41	38.47 -1.54 -0.55	35.44 -1.65 -0.50	33.94 -2.13 -0.50	32.66 -2.06 -0.41	30.36 -2.43 -0.34	29.85 -2.16 -0.28	35.25 -2.32 -0.10
NORTHPORT___1 23551	43.56 2.75 -0.38	42.55 2.35 -2.29	40.94 1.79 -7.79	40.73 1.74 -5.50	41.45 2.00 -3.00	42.30 2.43 -0.61	46.12 2.78 -2.54	49.70 2.84 -9.05	47.57 2.99 -6.29	41.30 2.67 -2.58	42.65 2.67 -3.90	41.94 2.44 -6.09	43.00 2.36 -7.46	43.32 2.44 -7.44	46.97 2.42 -10.92	56.60 2.35 -19.77	69.44 2.68 -28.48	90.16 2.64 -48.06	79.16 2.56 -40.01	70.90 2.49 -32.84	65.82 2.30 -29.22	62.07 2.17 -27.43	54.30 2.09 -20.49	46.41 2.58 -6.36
NORTHPORT___2 23552	43.56 2.75 -0.38	42.55 2.35 -2.29	40.94 1.79 -7.79	40.73 1.74 -5.50	41.45 2.00 -3.00	42.30 2.43 -0.61	46.12 2.78 -2.54	49.70 2.84 -9.05	47.57 2.99 -6.29	41.30 2.67 -2.58	42.65 2.67 -3.90	41.94 2.44 -6.09	43.00 2.36 -7.46	43.32 2.44 -7.44	46.97 2.42 -10.92	56.60 2.35 -19.77	69.44 2.68 -28.48	90.16 2.64 -48.06	79.16 2.56 -40.01	70.90 2.49 -32.84	65.82 2.30 -29.22	62.07 2.17 -27.43	54.30 2.09 -20.49	46.41 2.58 -6.36
NORTHPORT___3 23553	44.12 3.32 -0.38	43.08 2.88 -2.29	41.44 2.29 -7.79	41.27 2.28 -5.50	42.04 2.59 -3.00	42.84 2.98 -0.61	46.65 3.30 -2.54	50.19 3.33 -9.05	48.10 3.52 -6.29	41.88 3.25 -2.58	43.26 3.28 -3.90	42.51 3.01 -6.09	43.59 2.95 -7.46	43.89 3.01 -7.44	47.45 2.89 -10.93	57.20 2.93 -19.78	69.98 3.14 -28.56	90.87 3.16 -48.26	79.71 2.96 -40.15	71.41 2.92 -32.92	66.32 2.71 -29.31	62.59 2.60 -27.54	54.84 2.57 -20.56	46.95 3.11 -6.37
NORTHPORT___4 23650	44.12 3.32 -0.38	43.08 2.88 -2.29	41.44 2.29 -7.79	41.27 2.28 -5.50	42.04 2.59 -3.00	42.84 2.98 -0.61	46.65 3.30 -2.54	50.19 3.33 -9.05	48.10 3.52 -6.29	41.88 3.25 -2.58	43.26 3.28 -3.90	42.51 3.01 -6.09	43.59 2.95 -7.46	43.89 3.01 -7.44	47.45 2.89 -10.93	57.20 2.93 -19.78	69.98 3.14 -28.56	90.87 3.16 -48.26	79.71 2.96 -40.15	71.41 2.92 -32.92	66.32 2.71 -29.31	62.59 2.60 -27.54	54.84 2.57 -20.56	46.95 3.11 -6.37
NORTHPORT___IC 23718	43.55 2.75 -0.38	42.55 2.35 -2.29	40.94 1.79 -7.79	40.73 1.74 -5.50	41.45 2.00 -3.00	42.29 2.43 -0.61	46.12 2.77 -2.54	49.70 2.84 -9.05	47.56 2.99 -6.29	41.30 2.67 -2.58	42.65 2.67 -3.90	41.94 2.44 -6.09	43.00 2.36 -7.46	43.32 2.44 -7.44	46.97 2.42 -10.92	56.60 2.35 -19.77	69.41 2.64 -28.48	90.20 2.68 -48.06	79.20 2.60 -40.01	70.90 2.49 -32.84	65.82 2.30 -29.22	62.07 2.17 -27.43	54.30 2.09 -20.49	46.41 2.59 -6.36
NORTH___COUNTRY_ESR 323785	36.71 -3.72 0.00	34.95 -2.96 0.00	28.57 -2.79 0.00	30.54 -2.95 0.00	33.53 -2.92 0.00	36.34 -2.90 0.00	38.32 -2.49 0.00	36.11 -1.70 0.00	37.10 -1.19 0.00	34.97 -1.08 0.00	34.67 -1.41 0.00	31.75 -1.67 0.00	31.36 -1.82 0.00	31.36 -2.07 0.00	31.34 -2.29 0.00	32.07 -2.42 0.00	36.49 -1.80 0.00	37.32 -2.13 0.00	34.25 -2.34 0.00	32.65 -2.92 0.00	31.49 -2.81 0.00	29.28 -3.18 0.00	28.93 -2.79 0.00	34.47 -3.00 0.00
NPX_GEN_1385_PROXY 323591	43.75 2.95 -0.38	42.74 2.54 -2.29	41.06 1.91 -7.79	40.87 1.87 -5.50	41.60 2.15 -3.00	42.49 2.63 -0.61	46.48 3.14 -2.54	50.04 3.18 -9.05	47.75 3.18 -6.29	41.23 2.60 -2.58	42.61 2.63 -3.90	41.91 2.41 -6.09	42.70 2.06 -7.46	43.15 2.27 -7.44	47.00 2.45 -10.92	56.60 2.35 -19.77	69.52 2.76 -28.48	90.16 2.64 -48.06	79.42 2.82 -40.01	71.15 2.74 -32.84	66.10 2.57 -29.22	62.29 2.40 -27.43	54.30 2.09 -20.49	46.67 2.85 -6.36
NPX_GEN_CSC 323557	43.92 3.11 -0.38	42.86 2.65 -2.29	41.16 2.01 -7.79	40.93 1.94 -5.50	41.71 2.26 -3.00	42.61 2.75 -0.61	46.48 3.14 -2.54	50.07 3.21 -9.05	47.95 3.37 -6.29	41.59 2.96 -2.58	42.90 2.92 -3.90	42.14 2.64 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.25 2.69 -10.93	56.81 2.55 -19.77	69.94 3.06 -28.59	90.69 2.88 -48.36	79.56 2.75 -40.22	71.12 2.60 -32.95	66.01 2.37 -29.34	62.28 2.24 -27.58	54.49 2.19 -20.58	46.54 2.70 -6.37
NSINS_S__GLNS_FALLS 23858	43.43 2.55 -0.45	43.22 2.50 -2.81	42.77 1.88 -9.53	42.40 2.18 -6.73	42.45 2.33 -3.67	42.47 2.47 -0.75	46.63 2.73 -3.09	51.49 2.61 -11.07	48.62 2.64 -7.69	41.66 2.45 -3.16	42.42 2.45 -3.89	38.80 2.14 -3.24	41.56 2.22 -6.16	44.13 2.24 -8.45	48.38 2.39 -12.37	61.13 2.45 -24.19	66.25 2.79 -25.17	76.52 3.04 -34.03	69.96 2.74 -30.62	69.11 2.63 -30.90	62.44 2.54 -25.60	55.69 2.27 -20.96	51.37 2.19 -17.46	46.30 2.51 -6.32
NUCOR_STEEL___DRP 24197	40.39 -0.08 -0.04	38.13 -0.04 -0.26	32.21 -0.03 -0.88	34.12 0.00 -0.62	36.72 -0.07 -0.34	39.28 -0.04 -0.07	41.01 -0.08 -0.29	38.76 -0.08 -1.03	38.81 -0.19 -0.71	36.05 -0.29 -0.29	36.15 -0.25 -0.33	33.36 -0.23 -0.17	33.46 -0.20 -0.48	34.07 -0.13 -0.76	34.67 -0.10 -1.15	36.70 -0.03 -2.24	40.58 -0.04 -2.33	42.61 0.00 -3.15	39.43 0.00 -2.84	38.43 0.00 -2.86	36.68 0.00 -2.37	34.40 0.00 -1.94	33.27 -0.06 -1.62	38.01 -0.04 -0.59
NUMBER_THREE_WT_PWR 323818	39.55 -0.89 -0.01	37.27 -0.72 -0.08	30.85 -0.78 -0.27	32.92 -0.77 -0.19	35.79 -0.77 -0.11	38.56 -0.71 -0.02	40.28 -0.61 -0.09	37.90 -0.23 -0.32	38.20 -0.31 -0.22	35.78 -0.36 -0.09	35.56 -0.61 -0.10	32.71 -0.77 -0.05	32.57 -0.76 -0.15	32.84 -0.83 -0.24	33.21 -0.77 -0.35	34.53 -0.66 -0.69	38.82 -0.19 -0.72	40.43 0.00 -0.98	37.51 0.04 -0.88	36.38 -0.07 -0.89	34.80 -0.24 -0.73	32.73 -0.32 -0.60	31.74 -0.47 -0.50	37.09 -0.56 -0.18
NYISO_LBMP_REFERENCE 24008	40.43 0.00 0.00	37.91 0.00 0.00	31.36 0.00 0.00	33.49 0.00 0.00	36.45 0.00 0.00	39.25 0.00 0.00	40.81 0.00 0.00	37.81 0.00 0.00	38.28 0.00 0.00	36.05 0.00 0.00	36.07 0.00 0.00	33.42 0.00 0.00	33.18 0.00 0.00	33.44 0.00 0.00	33.63 0.00 0.00	34.49 0.00 0.00	38.29 0.00 0.00	39.46 0.00 0.00	36.59 0.00 0.00	35.57 0.00 0.00	34.30 0.00 0.00	32.46 0.00 0.00	31.72 0.00 0.00	37.47 0.00 0.00

NYPA_BRENTWD____GT 24164	44.04	43.01	41.31	41.14	41.89	42.77	46.61	50.15	48.03	41.73	43.08	42.34	43.43	43.72	47.43	57.05	70.23	91.39	80.14	71.60	66.53	62.81	54.94	46.93
	3.24	2.81	2.16	2.15	2.44	2.90	3.27	3.29	3.45	3.10	3.10	2.84	2.79	2.84	2.86	2.79	3.22	3.24	3.07	2.95	2.75	2.60	2.54	3.07
	-0.38	-2.29	-7.79	-5.50	-3.00	-0.61	-2.54	-9.05	-6.29	-2.58	-3.90	-6.09	-7.46	-7.44	-10.94	-19.77	-28.72	-48.70	-40.48	-33.08	-29.48	-27.76	-20.69	-6.39
NYPA_GOWANUS____GT5 24156	43.42	42.36	41.00	40.87	41.49	41.94	45.70	49.27	47.21	41.15	42.57	41.91	42.99	43.31	45.98	56.49	61.26	69.69	63.91	63.12	57.27	51.69	48.07	45.22
	2.63	2.16	1.85	1.87	2.04	2.08	2.37	2.42	2.64	2.52	2.60	2.41	2.36	2.44	2.25	2.24	2.41	2.45	2.31	2.31	2.06	2.11	2.09	2.58
	-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.53	-9.04	-6.28	-2.58	-3.90	-6.08	-7.46	-7.43	-10.10	-19.76	-20.56	-27.79	-25.01	-25.24	-20.90	-17.12	-14.26	-5.17
NYPA_GOWANUS____GT6 24157	43.42	42.36	41.00	40.87	41.49	41.94	45.70	49.27	47.21	41.15	42.57	41.91	42.99	43.31	45.98	56.49	61.26	69.69	63.91	63.12	57.27	51.69	48.07	45.22
	2.63	2.16	1.85	1.87	2.04	2.08	2.37	2.42	2.64	2.52	2.60	2.41	2.36	2.44	2.25	2.24	2.41	2.45	2.31	2.31	2.06	2.11	2.09	2.58
	-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.53	-9.04	-6.28	-2.58	-3.90	-6.08	-7.46	-7.43	-10.10	-19.76	-20.56	-27.79	-25.01	-25.24	-20.90	-17.12	-14.26	-5.17
NYPA_HARLEM__RVR__GT1 24160	43.34	42.32	40.94	40.80	41.38	41.71	45.41	49.07	47.05	41.04	42.49	41.83	42.92	43.20	45.81	56.24	60.98	69.33	63.57	62.79	57.02	51.39	47.75	45.07
	2.55	2.12	1.79	1.81	1.93	1.85	2.08	2.23	2.49	2.42	2.52	2.34	2.29	2.34	2.09	2.00	2.14	2.09	1.97	1.99	1.82	1.82	1.78	2.43
	-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.52	-9.03	-6.28	-2.58	-3.89	-6.08	-7.45	-7.43	-10.09	-19.75	-20.55	-27.78	-25.00	-25.23	-20.90	-17.11	-14.25	-5.17
NYPA_HARLEM__RVR__GT2 24161	43.34	42.32	40.94	40.80	41.38	41.71	45.41	49.07	47.05	41.04	42.49	41.83	42.92	43.20	45.81	56.24	60.98	69.33	63.57	62.79	57.02	51.39	47.75	45.07
	2.55	2.12	1.79	1.81	1.93	1.85	2.08	2.23	2.49	2.42	2.52	2.34	2.29	2.34	2.09	2.00	2.14	2.09	1.97	1.99	1.82	1.82	1.78	2.43
	-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.52	-9.03	-6.28	-2.58	-3.89	-6.08	-7.45	-7.43	-10.09	-19.75	-20.55	-27.78	-25.00	-25.23	-20.90	-17.11	-14.25	-5.17
NYPA_KENT____GT 24152	43.42	42.40	41.03	40.90	41.53	41.98	45.74	49.35	47.29	41.23	42.64	41.94	43.06	43.34	46.02	56.52	61.30	69.69	63.91	63.12	57.27	51.69	48.07	45.22
	2.63	2.20	1.88	1.91	2.08	2.12	2.41	2.49	2.72	2.60	2.67	2.44	2.42	2.47	2.29	2.28	2.45	2.45	2.31	2.31	2.06	2.11	2.09	2.58
	-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.53	-9.04	-6.28	-2.58	-3.90	-6.08	-7.46	-7.43	-10.10	-19.76	-20.56	-27.79	-25.01	-25.24	-20.90	-17.12	-14.26	-5.17
NYPA_POUCH1____GT 24155	43.34	42.29	40.94	40.80	41.42	41.82	45.58	49.16	47.06	41.01	42.42	41.78	42.89	43.18	45.85	56.38	61.14	69.61	63.83	63.02	57.16	51.59	47.98	45.14
	2.55	2.08	1.79	1.81	1.97	1.96	2.24	2.31	2.49	2.38	2.45	2.27	2.26	2.31	2.12	2.14	2.30	2.37	2.23	2.21	1.95	2.01	2.00	2.51
	-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.53	-9.04	-6.28	-2.58	-3.90	-6.08	-7.46	-7.43	-10.10	-19.76	-20.56	-27.79	-25.01	-25.24	-20.90	-17.12	-14.26	-5.17
NYPA_VERNON____GT2 24162	43.39	42.36	41.03	40.90	41.53	41.98	45.74	49.35	47.29	41.26	42.64	41.98	43.09	43.38	46.05	56.52	61.26	69.65	63.87	63.09	57.27	51.66	48.04	45.18
	2.59	2.16	1.88	1.91	2.08	2.12	2.41	2.49	2.72	2.63	2.67	2.47	2.46	2.51	2.32	2.28	2.41	2.41	2.27	2.28	2.06	2.08	2.06	2.55
	-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.53	-9.04	-6.28	-2.58	-3.90	-6.08	-7.46	-7.43	-10.10	-19.76	-20.56	-27.79	-25.01	-25.24	-20.90	-17.12	-14.26	-5.17
NYPA_VERNON____GT3 24163	43.39	42.36	41.03	40.90	41.53	41.98	45.74	49.35	47.29	41.26	42.64	41.98	43.09	43.38	46.05	56.52	61.26	69.65	63.87	63.09	57.27	51.66	48.04	45.18
	2.59	2.16	1.88	1.91	2.08	2.12	2.41	2.49	2.72	2.63	2.67	2.47	2.46	2.51	2.32	2.28	2.41	2.41	2.27	2.28	2.06	2.08	2.06	2.55
	-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.53	-9.04	-6.28	-2.58	-3.90	-6.08	-7.46	-7.43	-10.10	-19.76	-20.56	-27.79	-25.01	-25.24	-20.90	-17.12	-14.26	-5.17
NYPA__ASTORIA_CC1 323568	43.39	42.36	41.00	40.87	41.49	41.94	45.70	49.31	47.25	41.23	42.60	41.94	43.06	43.34	45.98	56.42	61.18	69.53	63.76	62.98	57.20	51.59	47.98	45.14
	2.59	2.16	1.85	1.87	2.04	2.08	2.37	2.46	2.68	2.60	2.63	2.44	2.42	2.47	2.25	2.17	2.34	2.29	2.16	2.17	1.99	2.01	2.00	2.51
	-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.53	-9.04	-6.28	-2.58	-3.90	-6.08	-7.46	-7.43	-10.10	-19.76	-20.56	-27.79	-25.01	-25.24	-20.90	-17.12	-14.26	-5.17
NYPA__ASTORIA_CC2 323569	43.39	42.36	41.00	40.87	41.49	41.94	45.70	49.31	47.25	41.23	42.60	41.94	43.06	43.34	45.98	56.42	61.18	69.53	63.76	62.98	57.20	51.59	47.98	45.14
	2.59	2.16	1.85	1.87	2.04	2.08	2.37	2.46	2.68	2.60	2.63	2.44	2.42	2.47	2.25	2.17	2.34	2.29	2.16	2.17	1.99	2.01	2.00	2.51
	-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.53	-9.04	-6.28	-2.58	-3.90	-6.08	-7.46	-7.43	-10.10	-19.76	-20.56	-27.79	-25.01	-25.24	-20.90	-17.12	-14.26	-5.17
NYPA__HOLTSVILL 23794	43.84	42.82	41.16	40.97	41.71	42.57	46.40	49.96	47.83	41.55	42.90	42.18	43.23	43.55	47.21	56.78	69.74	90.62	79.50	71.10	66.03	62.30	54.54	46.57
	3.03	2.61	2.01	1.98	2.26	2.71	3.06	3.10	3.25	2.92	2.92	2.67	2.59	2.68	2.66	2.52	2.87	2.84	2.71	2.60	2.40	2.27	2.25	2.73
	-0.38	-2.29	-7.79	-5.50	-3.00	-0.61	-2.54	-9.05	-6.29	-2.58	-3.90	-6.09	-7.46	-7.44	-10.93	-19.77	-28.58	-48.32	-40.20	-32.94	-29.33	-27.57	-20.57	-6.37
NYPA__HELLGATE_GT1 24158	43.34	42.29	40.94	40.80	41.38	41.71	45.41	49.07	47.05	41.04	42.49	41.83	42.92	43.20	45.81	56.24	60.98	69.33	63.57	62.79	57.02	51.39	47.75	45.03
	2.55	2.08	1.79	1.81	1.93	1.85	2.08	2.23	2.49	2.42	2.52	2.34	2.29	2.34	2.09	2.00	2.14	2.09	1.97	1.99	1.82	1.82	1.78	2.40
	-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.52	-9.03	-6.28	-2.58	-3.89	-6.08	-7.45	-7.43	-10.09	-19.75	-20.55	-27.78	-25.00	-25.23	-20.90	-17.11	-14.25	-5.17
NYPA__HELLGATE_GT2 24159	43.34	42.29	40.94	40.80	41.38	41.71	45.41	49.07	47.05	41.04	42.49	41.83	42.92	43.20	45.81	56.24	60.98	69.33	63.57	62.79	57.02	51.39	47.75	45.03
	2.55	2.08	1.79	1.81	1.93	1.85	2.08	2.23	2.49	2.42	2.52	2.34	2.29	2.34	2.09	2.00	2.14	2.09	1.97	1.99	1.82	1.82	1.78	2.40
	-0.37	-2.29	-7.79	-5.50	-3.00	-0.61	-2.52	-9.03	-6.28	-2.58	-3.89	-6.08	-7.45	-7.43	-10.09	-19.75	-20.55	-27.78	-25.00	-25.23	-20.90	-17.11	-14.25	-5.17
NYS_BARGE__HYD 23848	37.53	35.41	30.08	31.75	34.26	36.27	37.54	35.00	35.16	32.45	32.40	30.18	30.14	30.54	31.12	32.89	36.55	38.56	35.53	34.78	33.06	31.05	30.29	35.39
	-2.95	-2.80	-2.32	-2.48	-2.59	-3.06	-3.55	-3.82	-3.83	-3.89	-4.01	-3.41	-3.52	-3.64	-3.63	-3.79	-4.02	-3.98	-3.84	-3.59	-3.57	-3.31	-3.01	-2.77
	-0.05	-0.31	-1.04	-0.74	-0.40	-0.08	-0.28	-1.01	-0.70	-0.29	-0.33	-0.17	-0.47	-0.75	-1.12	-2.19	-2.28	-3.08	-2.78	-2.80	-2.32	-1.90	-1.59	-0.69

OAK ORCHARD___HYD 24046	38.97 -1.49 -0.04	36.80 -1.36 -0.26	31.04 -1.19 -0.87	32.87 -1.24 -0.61	35.54 -1.24 -0.33	37.87 -1.45 -0.07	39.34 -1.75 -0.29	36.91 -1.93 -1.02	37.08 -1.91 -0.71	34.25 -2.09 -0.29	34.31 -2.09 -0.33	31.82 -1.77 -0.17	31.87 -1.79 -0.48	32.33 -1.87 -0.76	32.92 -1.85 -1.15	34.80 -1.93 -2.24	38.63 -1.99 -2.33	40.71 -1.89 -3.15	37.57 -1.86 -2.84	36.76 -1.67 -2.86	34.96 -1.71 -2.37	32.81 -1.59 -1.94	31.91 -1.43 -1.62	36.77 -1.27 -0.58
OAKDALE___35_KV_LOAD 356122	40.46 -0.08 -0.11	38.49 -0.11 -0.70	33.68 -0.06 -2.38	35.11 -0.07 -1.68	37.26 -0.11 -0.92	39.28 -0.16 -0.19	41.44 -0.12 -0.76	40.53 0.00 -2.72	40.10 -0.08 -1.89	36.72 -0.11 -0.78	36.68 -0.14 -0.75	33.10 -0.13 0.18	33.87 -0.13 -0.82	35.29 -0.07 -1.93	36.63 -0.03 -3.04	40.43 0.00 -5.94	44.47 0.00 -6.18	47.85 0.04 -8.36	44.15 0.04 -7.52	43.16 0.00 -7.59	40.59 0.00 -6.29	37.61 0.00 -5.15	35.94 -0.06 -4.29	38.97 -0.07 -1.58
OCC_CHEM___DRP 24175	37.20 -3.27 -0.05	35.08 -3.15 -0.31	29.86 -2.57 -1.07	31.50 -2.75 -0.75	33.98 -2.88 -0.41	35.96 -3.38 -0.08	37.12 -3.96 -0.27	34.46 -4.31 -0.96	34.59 -4.36 -0.67	31.97 -4.36 -0.28	31.99 -4.40 -0.32	29.81 -3.78 -0.17	29.82 -3.82 -0.45	30.11 -4.05 -0.72	30.63 -4.07 -1.08	32.38 -4.21 -2.10	35.88 -4.59 -2.18	37.79 -4.62 -2.95	34.78 -4.46 -2.65	34.05 -4.20 -2.68	32.41 -4.12 -2.22	30.54 -3.73 -1.82	29.81 -3.43 -1.52	35.03 -3.15 -0.71
OH_GEN_PROXY 24063	28.65 -3.03 8.74	25.11 -2.92 9.88	23.59 -2.38 5.39	23.56 -2.55 7.39	18.55 -2.70 15.20	20.51 -3.14 15.60	24.94 -3.63 12.23	30.52 -3.89 3.40	30.25 -3.94 4.09	30.92 -4.00 1.13	32.35 -4.04 -0.32	30.11 -3.48 -0.17	30.12 -3.52 -0.46	30.48 -3.68 -0.72	31.01 -3.70 -1.08	32.13 -3.83 -1.47	35.71 -4.17 -1.59	36.50 -4.18 -1.23	35.24 -4.03 -2.67	34.49 -3.77 -2.69	32.83 -3.71 -2.23	30.91 -3.38 -1.83	29.56 -3.14 -0.98	28.61 -2.96 5.90
OLIN_CORP_DRP 24177	37.08 -3.40 -0.05	34.96 -3.26 -0.32	29.74 -2.70 -1.08	31.37 -2.88 -0.76	33.88 -2.99 -0.41	35.84 -3.49 -0.08	37.01 -4.08 -0.28	34.43 -4.39 -1.00	34.58 -4.40 -0.70	31.90 -4.43 -0.29	31.89 -4.51 -0.33	29.75 -3.84 -0.17	29.70 -3.95 -0.47	30.07 -4.11 -0.75	30.61 -4.14 -1.12	32.39 -4.28 -2.18	35.92 -4.63 -2.27	37.86 -4.66 -3.06	34.89 -4.46 -2.76	34.12 -4.23 -2.78	32.46 -4.15 -2.31	30.55 -3.80 -1.89	29.81 -3.49 -1.58	34.92 -3.26 -0.71
OLIN_CORP_DSASP 323712	37.20 -3.27 -0.05	35.08 -3.15 -0.31	29.86 -2.57 -1.07	31.50 -2.75 -0.75	33.98 -2.88 -0.41	35.96 -3.38 -0.08	37.12 -3.96 -0.27	34.46 -4.31 -0.96	34.59 -4.37 -0.67	31.96 -4.36 -0.28	31.99 -4.40 -0.32	29.81 -3.78 -0.17	29.82 -3.81 -0.45	30.11 -4.05 -0.72	30.63 -4.07 -1.08	32.38 -4.21 -2.10	35.87 -4.60 -2.18	37.79 -4.62 -2.95	34.82 -4.43 -2.65	34.05 -4.20 -2.68	32.41 -4.12 -2.22	30.54 -3.73 -1.82	29.81 -3.43 -1.52	35.03 -3.15 -0.71
ONEIDA_HERK_LFGE 323681	40.60 0.16 -0.01	38.17 0.19 -0.07	31.62 0.03 -0.23	33.76 0.10 -0.16	36.68 0.15 -0.09	39.50 0.24 -0.02	41.21 0.32 -0.07	38.61 0.53 -0.27	38.93 0.46 -0.19	36.56 0.43 -0.08	36.45 0.29 -0.09	33.60 0.13 -0.04	33.47 0.17 -0.13	33.77 0.13 -0.20	34.13 0.20 -0.30	35.38 0.31 -0.58	39.55 0.65 -0.61	41.03 0.75 -0.82	38.07 0.73 -0.74	36.96 0.64 -0.75	35.40 0.48 -0.62	33.39 0.42 -0.51	32.43 0.28 -0.42	37.92 0.30 -0.15
ONEIDA___115KV_TB4 55905	41.21 0.77 -0.02	38.79 0.76 -0.12	32.32 0.53 -0.42	34.43 0.64 -0.30	37.30 0.69 -0.16	40.11 0.82 -0.03	41.80 0.86 -0.14	39.29 0.98 -0.49	39.51 0.88 -0.34	36.95 0.76 -0.14	36.92 0.69 -0.16	34.04 0.53 -0.08	34.01 0.60 -0.23	34.40 0.60 -0.37	34.85 0.67 -0.55	36.39 0.83 -1.08	40.48 1.07 -1.12	42.15 1.18 -1.51	39.05 1.10 -1.36	37.97 1.03 -1.37	36.33 0.89 -1.14	34.23 0.84 -0.93	33.19 0.70 -0.78	38.57 0.82 -0.28
ONONDAGA_REF_OCCRA 23987	40.14 -0.32 -0.04	37.84 -0.30 -0.24	31.91 -0.25 -0.80	33.79 -0.27 -0.57	36.43 -0.33 -0.31	38.96 -0.35 -0.06	40.66 -0.41 -0.26	38.36 -0.38 -0.93	38.43 -0.50 -0.65	35.81 -0.50 -0.27	35.91 -0.47 -0.30	33.14 -0.43 -0.15	33.22 -0.40 -0.43	33.79 -0.33 -0.69	34.36 -0.30 -1.04	36.24 -0.28 -2.03	40.06 -0.34 -2.11	42.00 -0.32 -2.86	38.87 -0.29 -2.57	37.88 -0.28 -2.59	36.18 -0.27 -2.15	33.96 -0.26 -1.76	32.90 -0.29 -1.47	37.66 -0.34 -0.53
ONONDAGA___COGEN 23986	40.18 -0.28 -0.04	37.90 -0.23 -0.22	31.91 -0.19 -0.74	33.85 -0.17 -0.52	36.48 -0.26 -0.28	39.03 -0.27 -0.06	40.72 -0.33 -0.24	38.33 -0.34 -0.86	38.46 -0.42 -0.60	35.86 -0.43 -0.25	35.96 -0.40 -0.28	33.20 -0.37 -0.14	33.28 -0.30 -0.40	33.84 -0.23 -0.64	34.35 -0.24 -0.96	36.16 -0.21 -1.87	39.93 -0.31 -1.95	41.82 -0.28 -2.64	38.71 -0.26 -2.37	37.71 -0.25 -2.40	36.08 -0.21 -1.98	33.86 -0.23 -1.62	32.82 -0.25 -1.35	37.66 -0.30 -0.49
ONTARIO___LFGE 23819	39.87 -0.61 -0.05	37.68 -0.53 -0.31	31.93 -0.47 -1.04	33.76 -0.47 -0.74	36.34 -0.51 -0.40	38.74 -0.59 -0.08	40.49 -0.65 -0.34	38.56 -0.45 -1.20	38.51 -0.61 -0.84	35.60 -0.79 -0.34	35.60 -0.87 -0.39	32.79 -0.83 -0.20	32.95 -0.80 -0.56	33.60 -0.74 -0.90	34.33 -0.64 -1.34	36.53 -0.59 -2.63	40.52 -0.50 -2.73	42.80 -0.36 -3.70	39.55 -0.37 -3.33	38.57 -0.36 -3.36	36.67 -0.41 -2.78	34.28 -0.45 -2.28	33.11 -0.51 -1.90	37.71 -0.45 -0.69
ORANGEVILLE_WT_PWR 323706	37.70 -2.79 -0.06	35.60 -2.69 -0.39	30.44 -2.23 -1.31	32.04 -2.38 -0.92	34.44 -2.51 -0.50	36.45 -2.90 -0.10	37.91 -3.27 -0.37	35.99 -3.14 -1.32	35.95 -3.25 -0.92	33.11 -3.32 -0.38	33.08 -3.43 -0.43	30.54 -3.11 -0.22	30.65 -3.15 -0.62	31.24 -3.18 -0.98	31.94 -3.16 -1.47	34.16 -3.21 -2.87	37.87 -3.41 -2.99	40.14 -3.35 -4.04	37.01 -3.22 -3.64	36.15 -3.09 -3.67	34.33 -3.02 -3.04	32.09 -2.86 -2.49	31.10 -2.70 -2.08	35.64 -2.70 -0.87
ORANGEVILLE___ESR 323794	37.70 -2.79 -0.06	35.60 -2.69 -0.39	30.44 -2.23 -1.31	32.04 -2.38 -0.92	34.44 -2.51 -0.50	36.45 -2.90 -0.10	37.91 -3.27 -0.37	35.99 -3.14 -1.32	35.95 -3.25 -0.92	33.11 -3.32 -0.38	33.08 -3.43 -0.43	30.54 -3.11 -0.22	30.65 -3.15 -0.62	31.24 -3.18 -0.98	31.94 -3.16 -1.47	34.16 -3.21 -2.87	37.87 -3.41 -2.99	40.14 -3.35 -4.04	37.01 -3.22 -3.64	36.15 -3.09 -3.67	34.33 -3.02 -3.04	32.09 -2.86 -2.49	31.10 -2.70 -2.08	35.64 -2.70 -0.87
OSWEGATCHIE___HYD 24044	38.29 -2.14 -0.01	36.23 -1.74 -0.07	29.90 -1.69 -0.23	31.88 -1.78 -0.16	34.75 -1.79 -0.09	37.50 -1.77 -0.02	39.33 -1.55 -0.07	37.13 -0.94 -0.27	37.66 -0.81 -0.18	35.33 -0.79 -0.08	35.08 -1.08 -0.09	32.16 -1.30 -0.04	31.94 -1.36 -0.12	32.13 -1.50 -0.20	32.34 -1.58 -0.30	33.48 -1.59 -0.58	37.89 -1.00 -0.60	39.29 -0.98 -0.81	36.34 -0.99 -0.73	35.06 -1.25 -0.74	33.61 -1.30 -0.61	31.44 -1.53 -0.50	30.68 -1.46 -0.42	36.01 -1.61 -0.15
OSWEGO___5 23606	39.48 -0.97 -0.02	37.15 -0.91 -0.15	31.16 -0.72 -0.52	33.09 -0.77 -0.37	35.77 -0.88 -0.20	38.35 -0.94 -0.04	39.96 -1.02 -0.17	37.36 -1.06 -0.60	37.56 -1.15 -0.42	35.14 -1.08 -0.17	35.22 -1.05 -0.20	32.55 -0.97 -0.10	32.50 -0.96 -0.28	32.95 -0.94 -0.45	33.36 -0.94 -0.68	34.88 -0.93 -1.32	38.55 -1.11 -1.37	40.21 -1.10 -1.86	37.24 -1.02 -1.67	36.30 -0.96 -1.69	34.78 -0.92 -1.40	32.73 -0.87 -1.14	31.82 -0.85 -0.95	36.80 -1.01 -0.35

OSWEGO___6 23613	39.48 -0.97 -0.02	37.15 -0.91 -0.15	31.16 -0.72 -0.52	33.09 -0.77 -0.37	35.77 -0.88 -0.20	38.35 -0.94 -0.04	39.96 -1.02 -0.17	37.36 -1.06 -0.60	37.56 -1.15 -0.42	35.14 -1.08 -0.17	35.22 -1.05 -0.20	32.55 -0.97 -0.10	32.50 -0.96 -0.28	32.95 -0.94 -0.45	33.36 -0.94 -0.68	34.88 -0.93 -1.32	38.55 -1.11 -1.37	40.21 -1.10 -1.86	37.24 -1.02 -1.67	36.30 -0.96 -1.69	34.78 -0.92 -1.40	32.73 -0.87 -1.14	31.82 -0.85 -0.95	36.80 -1.01 -0.35
OUTOKUMPU-AB___DRP 24206	37.81 -2.67 -0.05	35.65 -2.58 -0.32	30.31 -2.13 -1.09	31.98 -2.28 -0.77	34.53 -2.33 -0.42	36.51 -2.83 -0.09	37.79 -3.31 -0.29	35.27 -3.55 -1.02	35.43 -3.56 -0.71	32.70 -3.64 -0.29	32.73 -3.68 -0.33	30.42 -3.17 -0.17	30.44 -3.22 -0.48	30.85 -3.34 -0.76	31.40 -3.36 -1.14	33.22 -3.48 -2.22	36.88 -3.71 -2.30	38.90 -3.67 -3.11	35.81 -3.59 -2.80	35.02 -3.38 -2.83	33.29 -3.36 -2.34	31.29 -3.08 -1.92	30.50 -2.82 -1.60	35.64 -2.55 -0.72
OXBOW___BTM 323836	37.57 -2.91 -0.05	35.42 -2.80 -0.32	30.15 -2.29 -1.08	31.81 -2.44 -0.76	34.31 -2.55 -0.41	36.31 -3.02 -0.08	37.54 -3.55 -0.28	34.94 -3.86 -0.99	35.07 -3.91 -0.69	32.41 -3.93 -0.29	32.43 -3.97 -0.33	30.18 -3.41 -0.17	30.20 -3.45 -0.47	30.53 -3.64 -0.74	31.07 -3.66 -1.11	32.85 -3.79 -2.16	36.44 -4.10 -2.24	38.42 -4.06 -3.03	35.37 -3.95 -2.73	34.59 -3.73 -2.75	32.92 -3.67 -2.28	30.99 -3.34 -1.87	30.20 -3.08 -1.56	35.41 -2.77 -0.71
OXBOW____ 24026	37.57 -2.91 -0.05	35.42 -2.81 -0.32	30.15 -2.29 -1.08	31.81 -2.44 -0.76	34.31 -2.55 -0.41	36.31 -3.02 -0.08	37.54 -3.55 -0.28	34.94 -3.86 -0.99	35.07 -3.91 -0.69	32.41 -3.93 -0.29	32.43 -3.97 -0.33	30.18 -3.41 -0.17	30.20 -3.45 -0.47	30.53 -3.64 -0.74	31.07 -3.67 -1.11	32.85 -3.79 -2.16	36.44 -4.10 -2.24	38.42 -4.06 -3.03	35.37 -3.95 -2.73	34.59 -3.73 -2.75	32.92 -3.67 -2.28	30.95 -3.38 -1.87	30.20 -3.08 -1.56	35.41 -2.77 -0.71
OXY_CHEM_DSASP 323612	37.20 -3.27 -0.05	35.08 -3.15 -0.31	29.86 -2.57 -1.07	31.50 -2.75 -0.75	33.98 -2.88 -0.41	35.96 -3.38 -0.08	37.12 -3.96 -0.27	34.46 -4.31 -0.96	34.59 -4.36 -0.67	31.97 -4.36 -0.28	31.99 -4.40 -0.32	29.81 -3.78 -0.17	29.82 -3.82 -0.45	30.11 -4.05 -0.72	30.63 -4.07 -1.08	32.38 -4.21 -2.10	35.88 -4.59 -2.18	37.79 -4.62 -2.95	34.78 -4.46 -2.65	34.05 -4.20 -2.68	32.41 -4.12 -2.22	30.54 -3.73 -1.82	29.81 -3.43 -1.52	35.03 -3.15 -0.71
OZONE_PARK_ESR 323760	43.55 2.75 -0.37	42.51 2.31 -2.29	41.16 2.01 -7.79	41.07 2.08 -5.50	41.67 2.22 -3.00	42.26 2.39 -0.61	46.03 2.69 -2.53	49.61 2.76 -9.04	47.59 3.02 -6.28	41.51 2.88 -2.58	42.93 2.96 -3.90	42.21 2.71 -6.09	43.33 2.74 -7.46	43.61 2.59 -7.43	46.32 2.62 -10.10	56.87 2.88 -19.75	61.72 2.87 -20.56	70.12 2.71 -27.79	64.31 2.67 -25.01	63.48 2.44 -25.24	57.64 2.40 -20.90	51.98 2.35 -17.12	48.33 2.81 -14.26	45.44 2.81 -5.17
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	37.20 -3.27 -0.05	35.08 -3.15 -0.31	29.86 -2.57 -1.07	31.50 -2.75 -0.75	33.98 -2.88 -0.41	35.96 -3.38 -0.08	37.12 -3.96 -0.27	34.46 -4.31 -0.96	34.59 -4.36 -0.67	31.97 -4.36 -0.28	31.99 -4.40 -0.32	29.81 -3.78 -0.17	29.82 -3.82 -0.45	30.11 -4.05 -0.72	30.63 -4.07 -1.08	32.38 -4.21 -2.10	35.88 -4.59 -2.18	37.79 -4.62 -2.95	34.78 -4.46 -2.65	34.05 -4.20 -2.68	32.41 -4.12 -2.22	30.54 -3.73 -1.82	29.81 -3.43 -1.52	35.03 -3.15 -0.71
PACKARD___115KV_DUPONT_184 80571	37.20 -3.27 -0.05	35.08 -3.15 -0.31	29.86 -2.57 -1.07	31.50 -2.75 -0.75	33.98 -2.88 -0.41	35.96 -3.38 -0.08	37.12 -3.96 -0.27	34.46 -4.31 -0.96	34.59 -4.36 -0.67	31.97 -4.36 -0.28	31.99 -4.40 -0.32	29.81 -3.78 -0.17	29.82 -3.82 -0.45	30.11 -4.05 -0.72	30.63 -4.07 -1.08	32.38 -4.21 -2.10	35.88 -4.59 -2.18	37.79 -4.62 -2.95	34.78 -4.46 -2.65	34.05 -4.20 -2.68	32.41 -4.12 -2.22	30.54 -3.73 -1.82	29.81 -3.43 -1.52	35.03 -3.15 -0.71
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.42 2.63 -0.37	42.40 2.20 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.82 1.96 -0.61	45.54 2.20 -2.53	49.12 2.27 -9.04	47.10 2.53 -6.28	41.05 2.42 -2.58	42.46 2.49 -3.90	41.81 2.31 -6.08	42.89 2.26 -7.46	43.18 2.31 -7.43	45.85 2.12 -10.10	56.28 2.03 -19.76	61.03 2.18 -20.56	69.38 2.13 -27.79	63.61 2.01 -25.01	62.84 2.03 -25.24	57.03 1.82 -20.90	51.46 1.88 -17.12	47.85 1.87 -14.26	45.14 2.51 -5.17
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.67 2.87 -0.37	42.63 2.43 -2.29	41.22 2.07 -7.79	41.10 2.11 -5.50	41.75 2.30 -3.00	42.06 2.20 -0.61	45.78 2.45 -2.53	49.38 2.53 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.64 2.67 -3.90	41.98 2.47 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.45 2.21 -19.76	61.22 2.37 -20.56	69.57 2.33 -27.79	63.80 2.20 -25.01	63.02 2.21 -25.24	57.20 1.99 -20.90	51.62 2.04 -17.12	48.01 2.03 -14.26	45.33 2.70 -5.17
PATROON___115KV_TB1 80586	41.76 0.89 -0.44	41.72 1.06 -2.75	41.53 0.85 -9.33	41.05 0.97 -6.59	41.06 1.02 -3.59	41.08 1.10 -0.73	44.69 0.86 -3.03	49.44 0.79 -10.83	46.66 0.84 -7.53	40.88 0.94 -3.09	40.88 0.97 -3.84	37.69 0.97 -3.31	40.23 0.93 -6.12	42.63 0.90 -8.29	46.60 0.87 -12.10	59.02 0.86 -23.67	63.88 0.96 -24.63	73.74 0.99 -33.30	67.44 0.88 -29.96	66.67 0.85 -30.24	60.18 0.82 -25.05	53.72 0.75 -20.51	49.57 0.76 -17.09	44.48 0.82 -6.19
PATTRSNVILLE___SOLAR 323815	42.27 1.38 -0.47	42.12 1.33 -2.88	42.18 1.03 -9.78	41.54 1.14 -6.91	41.46 1.24 -3.77	41.35 1.34 -0.77	45.41 1.43 -3.18	50.57 1.40 -11.36	47.56 1.38 -7.90	40.37 1.08 -3.25	41.00 0.97 -3.96	37.43 0.87 -3.15	40.27 0.90 -6.20	43.06 0.97 -8.65	47.40 1.08 -12.69	60.59 1.28 -24.83	65.66 1.53 -25.83	76.03 1.66 -34.92	69.52 1.50 -31.43	68.75 1.46 -31.72	61.98 1.41 -26.27	55.27 1.30 -21.51	50.85 1.21 -17.92	45.34 1.39 -6.49
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	37.09 -3.40 -0.06	34.96 -3.30 -0.35	29.81 -2.73 -1.18	31.41 -2.91 -0.83	33.84 -3.06 -0.45	35.77 -3.57 -0.09	37.29 -3.84 -0.32	35.57 -3.37 -1.13	35.66 -3.41 -0.79	33.02 -3.35 -0.33	33.02 -3.43 -0.37	30.47 -3.14 -0.19	30.53 -3.19 -0.53	31.17 -3.11 -0.84	31.79 -3.09 -1.26	33.77 -3.17 -2.46	37.51 -3.33 -2.56	39.71 -3.20 -3.45	36.59 -3.11 -3.14	35.68 -3.02 -3.14	33.92 -2.98 -2.60	31.67 -2.92 -2.13	30.61 -2.89 -1.77	34.95 -3.30 -0.78
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	43.27 2.47 -0.37	42.31 2.08 -2.31	41.04 1.82 -7.86	40.91 1.88 -5.55	41.59 2.11 -3.03	42.14 2.28 -0.62	45.88 2.53 -2.55	49.65 2.72 -9.12	47.57 2.95 -6.34	41.28 2.63 -2.61	42.52 2.63 -3.82	41.43 2.41 -5.60	42.71 2.39 -7.14	43.33 2.47 -7.42	46.27 2.45 -10.19	56.93 2.52 -19.92	61.82 2.79 -20.73	70.24 2.76 -28.03	64.45 2.63 -25.22	63.62 2.60 -25.46	57.82 2.44 -21.08	52.06 2.34 -17.27	48.36 2.25 -14.38	45.19 2.51 -5.21
PEEKSKILL____ 23653	42.97 2.18 -0.37	42.00 1.82 -2.28	40.68 1.60 -7.72	40.55 1.61 -5.45	41.21 1.79 -2.98	41.78 1.92 -0.61	45.47 2.16 -2.51	49.04 2.27 -8.96	46.97 2.45 -6.23	40.92 2.31 -2.56	42.33 2.31 -3.95	42.00 2.14 -6.44	42.99 2.13 -7.68	43.01 2.14 -7.44	45.73 2.09 -10.02	56.19 2.10 -19.59	61.01 2.34 -20.39	69.34 2.33 -27.56	63.59 2.20 -24.80	62.73 2.13 -25.03	57.02 1.99 -20.73	51.35 1.91 -16.98	47.73 1.87 -14.14	44.76 2.17 -5.12

PGE MADISON___WINDPWR 24146	43.16 2.63 -0.11	40.97 2.39 -0.67	35.43 1.79 -2.28	37.15 2.04 -1.61	39.55 2.22 -0.88	42.02 2.59 -0.18	44.23 2.69 -0.73	43.53 3.10 -2.62	42.94 2.83 -1.82	39.36 2.56 -0.75	39.14 2.34 -0.73	35.33 2.07 0.16	36.17 2.19 -0.80	37.53 2.24 -1.86	39.04 2.49 -2.93	43.08 2.86 -5.72	47.88 3.64 -5.96	51.49 3.98 -8.05	47.53 3.69 -7.25	46.37 3.49 -7.31	43.41 3.05 -6.06	40.31 2.89 -4.96	38.29 2.44 -4.13	41.83 2.85 -1.51
PIERCEFIELD___HYD 23852	37.56 -2.87 -0.01	35.68 -2.27 -0.05	29.30 -2.23 -0.16	31.26 -2.34 -0.11	34.22 -2.30 -0.06	36.95 -2.32 -0.01	38.94 -1.92 -0.05	36.83 -1.17 -0.19	37.65 -0.77 -0.13	35.42 -0.68 -0.05	35.12 -1.01 -0.06	32.15 -1.30 -0.03	31.81 -1.46 -0.09	31.90 -1.67 -0.14	31.95 -1.88 -0.21	32.83 -2.07 -0.41	37.41 -1.30 -0.43	38.53 -1.50 -0.58	35.54 -1.57 -0.52	34.07 -2.03 -0.52	32.78 -1.96 -0.43	30.48 -2.34 -0.36	29.95 -2.06 -0.30	35.36 -2.21 -0.11
PINELAWN_CC_1 323563	43.88 3.07 -0.38	42.86 2.65 -2.29	41.22 2.07 -7.79	41.04 2.04 -5.50	41.78 2.33 -3.00	42.61 2.75 -0.61	46.44 3.10 -2.54	50.00 3.14 -9.05	47.87 3.29 -6.29	41.62 2.99 -2.58	42.97 2.99 -3.91	42.25 2.74 -6.09	43.30 2.66 -7.46	43.62 2.74 -7.44	47.34 2.69 -11.02	56.95 2.69 -19.77	70.69 2.99 -29.41	92.96 3.04 -50.47	81.27 2.89 -41.78	72.09 2.78 -33.74	67.09 2.57 -30.21	63.58 2.47 -28.66	55.39 2.44 -21.23	46.89 2.92 -6.50
PJM_GEN_HTP_PROXY 323702	43.22 2.43 -0.37	42.25 2.05 -2.29	40.94 1.79 -7.79	40.80 1.81 -5.50	41.42 1.97 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.34 2.49 -9.04	47.29 2.72 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.92 2.41 -6.09	43.03 2.39 -7.46	43.31 2.44 -7.43	46.05 2.32 -10.10	56.55 2.31 -19.75	61.37 2.53 -20.56	69.80 2.56 -27.79	63.98 2.38 -25.00	63.15 2.35 -25.24	57.37 2.16 -20.90	51.68 2.11 -17.12	48.04 2.06 -14.26	45.10 2.47 -5.16
PJM_GEN_KEystone 24065	40.29 -0.36 -0.22	38.77 -0.53 -1.39	35.73 -0.34 -4.72	36.39 -0.44 -3.33	37.83 -0.44 -1.82	39.07 -0.55 -0.37	41.74 -0.57 -1.51	42.81 -0.38 -5.38	41.68 -0.35 -3.74	37.19 -0.40 -1.54	37.96 -0.47 -2.36	36.86 -0.37 -3.80	37.35 -0.40 -4.57	37.49 -0.40 -4.45	39.20 -0.44 -6.01	45.76 -0.48 -11.75	50.06 -0.46 -12.23	55.52 -0.47 -16.53	50.96 -0.51 -14.88	50.16 -0.43 -15.02	46.26 -0.48 -12.44	42.22 -0.42 -10.18	39.79 -0.41 -8.49	40.22 -0.37 -3.13
PJM_GEN_NEPTUNE_PROXY 323594	43.43 2.63 -0.38	42.48 2.27 -2.29	40.94 1.79 -7.79	40.73 1.74 -5.50	41.45 2.00 -3.00	42.22 2.35 -0.61	45.99 2.65 -2.54	49.58 2.72 -9.05	47.45 2.87 -6.29	41.30 2.67 -2.58	42.65 2.67 -3.90	41.94 2.44 -6.08	43.03 2.39 -7.46	43.32 2.44 -7.44	46.85 2.35 -10.87	56.60 2.35 -19.77	68.84 2.53 -28.03	88.90 2.53 -46.92	78.13 2.38 -39.16	70.33 2.35 -32.41	65.22 2.16 -28.75	61.39 2.08 -26.85	53.92 2.06 -20.14	46.26 2.51 -6.29
PJM_GEN_VFT_PROXY 323633	43.14 2.34 -0.37	42.17 1.97 -2.29	40.87 1.72 -7.79	40.77 1.77 -5.50	41.34 1.89 -3.00	41.90 2.04 -0.61	45.66 2.32 -2.53	49.27 2.42 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.09	43.03 2.39 -7.46	43.31 2.44 -7.43	46.02 2.29 -10.10	56.52 2.28 -19.75	61.33 2.49 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.09 2.28 -25.24	57.30 2.09 -20.90	51.66 2.08 -17.12	48.01 2.03 -14.26	45.07 2.43 -5.17
PLATSBURG_115KV_PMLD1 355749	37.23 -3.19 0.00	35.41 -2.50 0.00	28.95 -2.41 0.00	30.98 -2.51 0.00	34.01 -2.44 0.00	36.85 -2.39 0.00	38.89 -1.92 0.00	36.68 -1.13 0.00	37.67 -0.61 0.00	35.47 -0.58 0.00	35.17 -0.90 0.00	32.18 -1.24 0.00	31.79 -1.39 0.00	31.83 -1.60 0.00	31.81 -1.82 0.00	32.52 -1.97 0.00	37.14 -1.15 0.00	37.96 -1.50 0.00	34.84 -1.76 0.00	33.19 -2.38 0.00	32.01 -2.30 0.00	29.76 -2.69 0.00	29.37 -2.35 0.00	34.96 -2.51 0.00
PLEASANTVLY___LBMP 24000	42.79 1.98 -0.38	41.99 1.71 -2.37	40.89 1.47 -8.05	40.69 1.51 -5.69	41.19 1.64 -3.10	41.65 1.77 -0.63	45.38 1.96 -2.61	49.20 2.04 -9.35	46.97 2.18 -6.50	40.74 2.02 -2.67	41.89 2.06 -3.76	40.29 1.87 -5.00	41.84 1.86 -6.80	42.83 1.91 -7.49	45.92 1.85 -10.45	56.78 1.86 -20.43	61.61 2.07 -21.26	70.28 2.09 -28.74	64.43 1.98 -25.86	63.59 1.92 -26.10	57.71 1.78 -21.62	51.88 1.72 -17.70	48.15 1.68 -14.75	44.79 1.99 -5.34
PLSNTVLE_13_KV_13.8KVDIST 80602	43.10 2.30 -0.37	42.15 1.93 -2.31	40.89 1.69 -7.83	40.77 1.74 -5.53	41.36 1.90 -3.02	41.91 2.04 -0.62	45.63 2.29 -2.54	49.25 2.34 -9.09	47.17 2.57 -6.32	41.03 2.38 -2.60	42.34 2.42 -3.85	41.41 2.21 -5.79	42.64 2.19 -7.27	43.10 2.24 -7.43	45.94 2.15 -10.16	56.54 2.17 -19.87	61.38 2.41 -20.68	69.86 2.45 -27.95	64.05 2.31 -25.15	63.20 2.24 -25.39	57.43 2.09 -21.03	51.69 2.01 -17.22	48.00 1.93 -14.35	44.95 2.29 -5.20
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.10 2.30 -0.37	42.15 1.93 -2.31	40.89 1.69 -7.83	40.77 1.74 -5.53	41.36 1.90 -3.02	41.91 2.04 -0.62	45.63 2.29 -2.54	49.25 2.34 -9.09	47.17 2.57 -6.32	41.03 2.38 -2.60	42.34 2.42 -3.85	41.41 2.21 -5.79	42.64 2.19 -7.27	43.10 2.24 -7.43	45.94 2.15 -10.16	56.54 2.17 -19.87	61.38 2.41 -20.68	69.86 2.45 -27.95	64.05 2.31 -25.15	63.20 2.24 -25.39	57.43 2.09 -21.03	51.69 2.01 -17.22	48.00 1.93 -14.35	44.95 2.29 -5.20
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.99 2.18 -0.38	42.10 1.86 -2.34	40.92 1.63 -7.93	40.76 1.67 -5.60	41.36 1.86 -3.05	41.87 2.00 -0.62	45.58 2.20 -2.57	49.24 2.23 -9.20	47.09 2.41 -6.40	40.84 2.16 -2.63	42.02 2.16 -3.79	40.69 1.94 -5.33	42.08 1.92 -6.98	42.87 2.01 -7.43	45.89 1.98 -10.28	56.66 2.07 -20.10	61.54 2.34 -20.92	70.10 2.37 -28.28	64.27 2.23 -25.45	63.46 2.21 -25.69	57.60 2.02 -21.27	51.83 1.95 -17.42	48.14 1.90 -14.51	44.93 2.21 -5.26
POLETTI_____ 23519	43.18 2.39 -0.37	42.21 2.01 -2.29	40.94 1.79 -7.79	40.83 1.84 -5.50	41.42 1.97 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.27 2.42 -9.04	47.21 2.64 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.95 2.44 -6.09	43.06 2.42 -7.46	43.34 2.47 -7.43	46.02 2.29 -10.10	56.52 2.28 -19.75	61.30 2.45 -20.56	69.69 2.45 -27.79	63.91 2.31 -25.01	63.09 2.28 -25.24	57.30 2.09 -20.90	51.65 2.08 -17.12	48.04 2.06 -14.26	45.14 2.51 -5.17
POMONA___ESR 323819	42.97 2.18 -0.36	41.95 1.82 -2.23	40.52 1.60 -7.56	40.44 1.61 -5.34	41.15 1.79 -2.91	41.77 1.92 -0.59	45.42 2.16 -2.45	48.82 2.23 -8.78	46.84 2.45 -6.10	40.79 2.24 -2.51	42.46 2.27 -4.12	43.00 2.07 -7.51	43.61 2.06 -8.37	43.01 2.11 -7.46	45.45 2.02 -9.81	55.74 2.07 -19.18	60.54 2.30 -19.96	68.76 2.33 -26.98	63.03 2.16 -24.28	62.21 2.13 -24.51	56.55 1.95 -20.30	50.99 1.91 -16.62	47.41 1.84 -13.85	44.65 2.17 -5.02
PORT_JEFF_3 23555	44.04 3.24 -0.38	42.97 2.77 -2.29	41.28 2.13 -7.79	41.10 2.11 -5.50	41.85 2.41 -3.00	42.72 2.86 -0.61	46.57 3.22 -2.54	50.15 3.29 -9.05	48.03 3.45 -6.29	41.69 3.06 -2.58	43.04 3.06 -3.90	42.31 2.81 -6.09	43.39 2.75 -7.46	43.72 2.84 -7.44	47.38 2.83 -10.93	56.95 2.69 -19.77	70.02 3.14 -28.59	90.94 3.12 -48.37	79.79 2.96 -40.23	71.37 2.85 -32.96	66.26 2.61 -29.35	62.51 2.47 -27.59	54.75 2.44 -20.58	46.80 2.96 -6.37

PORT_JEFF_4 23616	44.04 3.24 -0.38	42.97 2.77 -2.29	41.28 2.13 -7.79	41.10 2.11 -5.50	41.85 2.41 -3.00	42.72 2.86 -0.61	46.57 3.22 -2.54	50.15 3.29 -9.05	48.03 3.45 -6.29	41.69 3.06 -2.58	43.04 3.06 -3.90	42.31 2.81 -6.09	43.39 2.75 -7.46	43.72 2.84 -7.44	47.38 2.83 -10.93	56.95 2.69 -19.77	70.02 3.14 -28.59	90.94 3.12 -48.37	79.79 2.96 -40.23	71.37 2.85 -32.96	66.26 2.61 -29.35	62.51 2.47 -27.59	54.75 2.44 -20.58	46.80 2.96 -6.37
PORT_JEFF_IC 23713	44.08 3.27 -0.38	43.05 2.84 -2.29	41.32 2.16 -7.79	41.14 2.14 -5.50	41.89 2.44 -3.00	42.80 2.94 -0.61	46.65 3.31 -2.54	50.19 3.33 -9.05	48.06 3.48 -6.29	41.77 3.14 -2.58	43.12 3.14 -3.90	42.38 2.87 -6.09	43.43 2.79 -7.46	43.75 2.88 -7.44	47.45 2.89 -10.93	57.02 2.76 -19.77	70.12 3.22 -28.62	91.08 3.20 -48.43	79.91 3.04 -40.28	71.47 2.92 -32.98	66.35 2.68 -29.37	62.61 2.53 -27.62	54.80 2.47 -20.61	46.84 3.00 -6.38
PPL PILGRIM_ST_GT1 24216	44.04 3.24 -0.38	43.01 2.81 -2.29	41.31 2.16 -7.79	41.14 2.15 -5.50	41.89 2.44 -3.00	42.77 2.90 -0.61	46.61 3.27 -2.54	50.15 3.29 -9.05	48.03 3.45 -6.29	41.73 3.10 -2.58	43.08 3.10 -3.90	42.34 2.84 -6.09	43.43 2.79 -7.46	43.72 2.84 -7.44	47.43 2.86 -10.94	57.05 2.79 -19.77	70.23 3.22 -28.72	91.39 3.24 -48.70	80.14 3.07 -40.48	71.60 2.95 -33.08	66.53 2.75 -29.48	62.81 2.60 -27.76	54.94 2.54 -20.69	46.93 3.07 -6.39
PPL PILGRIM_ST_GT2 24217	44.04 3.24 -0.38	43.01 2.81 -2.29	41.31 2.16 -7.79	41.14 2.15 -5.50	41.89 2.44 -3.00	42.77 2.90 -0.61	46.61 3.27 -2.54	50.15 3.29 -9.05	48.03 3.45 -6.29	41.73 3.10 -2.58	43.08 3.10 -3.90	42.34 2.84 -6.09	43.43 2.79 -7.46	43.72 2.84 -7.44	47.43 2.86 -10.94	57.05 2.79 -19.77	70.23 3.22 -28.72	91.39 3.24 -48.70	80.14 3.07 -40.48	71.60 2.95 -33.08	66.53 2.75 -29.48	62.81 2.60 -27.76	54.94 2.54 -20.69	46.93 3.07 -6.39
PPL_SHRM_GT3 24213	43.92 3.11 -0.38	42.86 2.65 -2.29	41.16 2.01 -7.79	40.97 1.98 -5.50	41.71 2.26 -3.00	42.65 2.79 -0.61	46.48 3.14 -2.54	50.07 3.21 -9.05	47.95 3.37 -6.29	41.59 2.96 -2.58	42.90 2.92 -3.90	42.14 2.64 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.25 2.69 -10.93	56.81 2.55 -19.77	69.96 3.06 -28.60	90.76 2.92 -48.39	79.62 2.78 -40.25	71.16 2.63 -32.96	66.06 2.40 -29.35	62.30 2.24 -27.60	54.53 2.22 -20.59	46.58 2.73 -6.38
PPL_SHRM_GT4 24214	43.92 3.11 -0.38	42.86 2.65 -2.29	41.16 2.01 -7.79	40.97 1.98 -5.50	41.71 2.26 -3.00	42.65 2.79 -0.61	46.48 3.14 -2.54	50.07 3.21 -9.05	47.95 3.37 -6.29	41.59 2.96 -2.58	42.90 2.92 -3.90	42.14 2.64 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.25 2.69 -10.93	56.81 2.55 -19.77	69.96 3.06 -28.60	90.76 2.92 -48.39	79.62 2.78 -40.25	71.16 2.63 -32.96	66.06 2.40 -29.35	62.30 2.24 -27.60	54.53 2.22 -20.59	46.58 2.73 -6.38
PROJECT___ORANGE 1 24174	39.97 -0.49 -0.03	37.68 -0.42 -0.19	31.67 -0.34 -0.65	33.62 -0.33 -0.46	36.26 -0.44 -0.25	38.83 -0.47 -0.05	40.49 -0.53 -0.21	38.00 -0.57 -0.76	38.16 -0.65 -0.53	35.62 -0.65 -0.22	35.74 -0.58 -0.25	33.01 -0.53 -0.13	33.04 -0.50 -0.36	33.57 -0.43 -0.57	34.04 -0.44 -0.85	35.74 -0.41 -1.66	39.48 -0.54 -1.73	41.28 -0.51 -2.34	38.22 -0.48 -2.10	37.23 -0.46 -2.12	35.65 -0.41 -1.76	33.51 -0.39 -1.44	32.51 -0.41 -1.20	37.41 -0.49 -0.43
PROJECT___ORANGE 2 24166	39.97 -0.49 -0.03	37.68 -0.42 -0.19	31.67 -0.34 -0.65	33.62 -0.33 -0.46	36.26 -0.44 -0.25	38.83 -0.47 -0.05	40.49 -0.53 -0.21	38.00 -0.57 -0.76	38.16 -0.65 -0.53	35.62 -0.65 -0.22	35.74 -0.58 -0.25	33.01 -0.53 -0.13	33.04 -0.50 -0.36	33.57 -0.43 -0.57	34.04 -0.44 -0.85	35.74 -0.41 -1.66	39.48 -0.54 -1.73	41.28 -0.51 -2.34	38.22 -0.48 -2.10	37.23 -0.46 -2.12	35.65 -0.41 -1.76	33.51 -0.39 -1.44	32.51 -0.41 -1.20	37.41 -0.49 -0.43
PUCKETT___SOLAR 323809	41.19 0.64 -0.12	39.20 0.57 -0.72	34.25 0.44 -2.45	35.73 0.50 -1.73	37.94 0.55 -0.94	40.03 0.59 -0.19	42.20 0.61 -0.79	41.45 0.83 -2.81	40.93 0.69 -1.95	37.39 0.54 -0.80	37.32 0.47 -0.78	33.60 0.37 0.18	34.43 0.40 -0.85	35.89 0.47 -1.99	37.33 0.57 -3.14	41.35 0.73 -6.13	45.59 0.92 -6.38	49.10 1.02 -8.62	45.30 0.95 -7.76	44.29 0.89 -7.83	41.58 0.79 -6.49	38.52 0.75 -5.31	36.75 0.60 -4.43	39.80 0.71 -1.62
PYRITES___HYD 24023	37.97 -2.47 -0.01	36.10 -1.86 -0.05	29.60 -1.91 -0.16	31.59 -2.01 -0.11	34.61 -1.90 -0.06	37.38 -1.88 -0.01	39.43 -1.43 -0.05	37.35 -0.64 -0.18	38.10 -0.31 -0.13	35.78 -0.32 -0.05	35.45 -0.69 -0.06	32.35 -1.10 -0.03	32.00 -1.26 -0.08	32.10 -1.47 -0.14	32.15 -1.68 -0.20	33.02 -1.86 -0.40	37.78 -0.92 -0.41	39.07 -0.95 -0.56	36.07 -1.02 -0.51	34.58 -1.49 -0.51	33.25 -1.48 -0.42	30.89 -1.92 -0.34	30.32 -1.68 -0.29	35.81 -1.76 -0.10
QUAKERRD_115KV_BK1 80622	38.40 -2.06 -0.04	36.26 -1.90 -0.25	30.60 -1.60 -0.84	32.38 -1.71 -0.59	34.99 -1.79 -0.32	37.35 -1.96 -0.07	38.84 -2.24 -0.28	36.51 -2.31 -1.00	36.64 -2.34 -0.70	33.92 -2.42 -0.29	33.98 -2.42 -0.33	31.48 -2.11 -0.17	31.52 -2.12 -0.47	32.01 -2.17 -0.75	32.63 -2.12 -1.12	34.47 -2.21 -2.19	38.23 -2.34 -2.28	40.25 -2.29 -3.08	37.13 -2.23 -2.77	36.30 -2.06 -2.80	34.56 -2.06 -2.32	32.41 -1.95 -1.90	31.52 -1.78 -1.58	36.23 -1.80 -0.56
QUEENSBRY_115KV_TB8 356137	43.47 2.59 -0.45	43.29 2.58 -2.81	42.81 1.91 -9.54	42.44 2.21 -6.73	42.53 2.41 -3.67	42.55 2.55 -0.75	46.72 2.82 -3.10	51.57 2.68 -11.07	48.70 2.72 -7.70	41.74 2.52 -3.16	42.49 2.53 -3.89	38.86 2.21 -3.23	41.63 2.29 -6.16	44.17 2.27 -8.46	48.46 2.45 -12.37	61.21 2.52 -24.20	66.34 2.87 -25.18	76.66 3.16 -34.04	70.05 2.82 -30.64	69.23 2.74 -30.92	62.52 2.61 -25.61	55.77 2.34 -20.97	51.41 2.22 -17.47	46.34 2.55 -6.32
RAMAPO___LBMP 323565	42.85 2.06 -0.36	41.84 1.71 -2.22	40.38 1.47 -7.55	40.33 1.51 -5.33	41.03 1.68 -2.91	41.65 1.81 -0.59	45.30 2.04 -2.45	48.69 2.12 -8.76	46.67 2.30 -6.09	40.68 2.13 -2.50	42.27 2.13 -4.07	42.69 1.97 -7.30	43.36 1.96 -8.22	42.83 1.97 -7.42	45.33 1.92 -9.79	55.56 1.93 -19.14	60.35 2.14 -19.92	68.55 2.17 -26.93	62.84 2.01 -24.23	62.02 1.99 -24.46	56.41 1.85 -20.26	50.83 1.79 -16.59	47.25 1.71 -13.82	44.50 2.02 -5.01
RANKINE____ 23646	37.69 -2.79 -0.05	35.52 -2.73 -0.34	30.29 -2.23 -1.15	31.93 -2.38 -0.81	34.41 -2.48 -0.44	36.36 -2.98 -0.09	37.73 -3.39 -0.31	35.54 -3.37 -1.09	35.64 -3.41 -0.76	32.90 -3.46 -0.32	32.93 -3.50 -0.36	30.50 -3.11 -0.19	30.54 -3.15 -0.51	31.07 -3.18 -0.81	31.65 -3.19 -1.22	33.59 -3.28 -2.38	37.28 -3.48 -2.47	39.37 -3.43 -3.34	36.27 -3.33 -3.01	35.44 -3.17 -3.04	33.70 -3.12 -2.52	31.57 -2.95 -2.06	30.68 -2.76 -1.72	35.53 -2.70 -0.76
RAVENSWOOD_GT2_1 24244	43.26 2.47 -0.37	42.29 2.08 -2.29	40.94 1.79 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.50 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	46.05 2.32 -10.10	56.56 2.31 -19.76	61.37 2.53 -20.56	69.77 2.53 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.14 2.51 -5.17

RAVENSWOOD_GT2_2 24245	43.26 2.47 -0.37	42.29 2.08 -2.29	40.94 1.79 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.50 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	46.05 2.32 -10.10	56.56 2.31 -19.76	61.37 2.53 -20.56	69.77 2.53 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.14 2.51 -5.17
RAVENSWOOD_GT2_3 24246	43.26 2.47 -0.37	42.29 2.08 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	42.02 2.16 -0.61	45.78 2.45 -2.53	49.35 2.50 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.64 2.67 -3.90	41.98 2.47 -6.08	43.09 2.46 -7.46	43.34 2.47 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.76	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.08 2.09 -14.26	45.14 2.51 -5.17
RAVENSWOOD_GT2_4 24247	43.26 2.47 -0.37	42.29 2.08 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	42.02 2.16 -0.61	45.78 2.45 -2.53	49.35 2.50 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.64 2.67 -3.90	41.98 2.47 -6.08	43.09 2.46 -7.46	43.34 2.47 -7.43	46.08 2.35 -10.10	56.59 2.35 -19.76	61.41 2.57 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.08 2.09 -14.26	45.14 2.51 -5.17
RAVENSWOOD_GT3_1 24248	43.26 2.47 -0.37	42.29 2.08 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.50 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.64 2.67 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	46.05 2.32 -10.10	56.56 2.31 -19.76	61.37 2.53 -20.56	69.77 2.53 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.08 2.09 -14.26	45.14 2.51 -5.17
RAVENSWOOD_GT3_2 24249	43.26 2.47 -0.37	42.29 2.08 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.50 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.64 2.67 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	46.05 2.32 -10.10	56.56 2.31 -19.76	61.37 2.53 -20.56	69.77 2.53 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.08 2.09 -14.26	45.14 2.51 -5.17
RAVENSWOOD_GT3_3 24250	43.30 2.51 -0.37	42.32 2.12 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	42.02 2.16 -0.61	45.82 2.49 -2.53	49.38 2.53 -9.04	47.36 2.79 -6.28	41.30 2.67 -2.58	42.67 2.71 -3.90	42.01 2.51 -6.08	43.13 2.49 -7.46	43.38 2.51 -7.43	46.12 2.39 -10.10	56.63 2.38 -19.76	61.45 2.60 -20.56	69.85 2.60 -27.79	64.05 2.45 -25.01	63.23 2.42 -25.24	57.40 2.20 -20.90	51.75 2.17 -17.12	48.11 2.13 -14.26	45.22 2.59 -5.17
RAVENSWOOD_GT3_4 24251	43.30 2.51 -0.37	42.32 2.12 -2.29	41.00 1.85 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	42.02 2.16 -0.61	45.82 2.49 -2.53	49.38 2.53 -9.04	47.36 2.79 -6.28	41.30 2.67 -2.58	42.67 2.71 -3.90	42.01 2.51 -6.08	43.13 2.49 -7.46	43.38 2.51 -7.43	46.12 2.39 -10.10	56.63 2.38 -19.76	61.45 2.60 -20.56	69.85 2.60 -27.79	64.05 2.45 -25.01	63.23 2.42 -25.24	57.40 2.20 -20.90	51.75 2.17 -17.12	48.11 2.13 -14.26	45.22 2.59 -5.17

RAVENSWOOD_GT_9 24257	43.26 2.47 -0.37	42.29 2.08 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.50 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.64 2.67 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	46.05 2.32 -10.10	56.56 2.31 -19.76	61.37 2.53 -20.56	69.81 2.56 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.08 2.09 -14.26	45.14 2.51 -5.17
RAVENSWOOD___1 23533	43.39 2.59 -0.37	42.36 2.16 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.64 2.67 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	46.02 2.29 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.65 2.41 -27.79	63.87 2.27 -25.01	63.05 2.24 -25.24	57.27 2.06 -20.90	51.66 2.08 -17.12	48.04 2.06 -14.26	45.18 2.55 -5.17
RAVENSWOOD___2 23534	43.34 2.55 -0.37	42.32 2.12 -2.29	41.00 1.85 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	46.02 2.29 -10.10	56.49 2.24 -19.76	61.26 2.41 -20.56	69.61 2.37 -27.79	63.83 2.23 -25.01	63.05 2.24 -25.24	57.23 2.02 -20.90	51.66 2.08 -17.12	48.01 2.03 -14.26	45.14 2.51 -5.17
RAVENSWOOD___3 23535	43.26 2.47 -0.37	42.29 2.08 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	41.98 2.12 -0.61	45.74 2.41 -2.53	49.35 2.49 -9.04	47.29 2.72 -6.28	41.23 2.60 -2.58	42.64 2.67 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	46.05 2.32 -10.10	56.56 2.31 -19.76	61.37 2.53 -20.56	69.77 2.53 -27.79	63.98 2.38 -25.01	63.16 2.35 -25.24	57.37 2.16 -20.90	51.72 2.14 -17.12	48.07 2.09 -14.26	45.14 2.51 -5.17
RAVENSWOOD___4 23820	43.34 2.55 -0.37	42.32 2.12 -2.29	40.97 1.82 -7.79	40.87 1.87 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.46 2.21 -19.76	61.22 2.37 -20.56	69.61 2.37 -27.79	63.83 2.23 -25.01	63.05 2.24 -25.24	57.23 2.02 -20.90	51.62 2.05 -17.12	48.01 2.03 -14.26	45.14 2.51 -5.17
RCPL_TRUST___DRP 24196	43.26 2.47 -0.37	42.29 2.08 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	42.02 2.16 -0.61	45.78 2.45 -2.53	49.38 2.53 -9.04	47.32 2.76 -6.28	41.26 2.63 -2.58	42.64 2.67 -3.90	41.98 2.47 -6.09	43.10 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.85 2.60 -27.79	64.05 2.45 -25.00	63.22 2.42 -25.24	57.44 2.23 -20.90	51.75 2.17 -17.12	48.11 2.13 -14.26	45.14 2.51 -5.16
RED___ROCHESTER 323720	39.09 -1.37 -0.04	36.95 -1.21 -0.25	31.16 -1.07 -0.86	32.96 -1.14 -0.61	35.65 -1.13 -0.33	38.02 -1.29 -0.07	39.54 -1.55 -0.29	37.14 -1.70 -1.03	37.31 -1.68 -0.71	34.46 -1.88 -0.29	34.49 -1.91 -0.33	31.99 -1.60 -0.17	32.03 -1.63 -0.48	32.50 -1.70 -0.76	33.16 -1.61 -1.15	35.01 -1.72 -2.24	38.90 -1.72 -2.33	41.03 -1.58 -3.15	37.82 -1.61 -2.84	37.01 -1.42 -2.87	35.20 -1.47 -2.37	33.01 -1.39 -1.94	32.10 -1.24 -1.62	36.99 -1.05 -0.57
REGAN___SOLAR 323812	43.13 2.22 -0.48	43.10 2.20 -3.00	43.14 1.60 -10.18	42.56 1.87 -7.19	42.41 2.04 -3.92	42.25 2.20 -0.80	46.52 2.41 -3.30	51.94 2.31 -11.82	48.72 2.22 -8.22	41.16 1.73 -3.38	41.66 1.51 -4.07	37.79 1.30 -3.07	40.87 1.39 -6.30	43.94 1.54 -8.97	48.58 1.75 -13.20	62.42 2.10 -25.83	67.73 2.57 -26.88	78.70 2.92 -36.33	71.96 2.67 -32.69	71.13 2.56 -33.00	64.03 2.40 -27.33	57.05 2.21 -22.38	52.36 2.00 -18.65	46.50 2.29 -6.75
RENSSELAER___COGEN 23796	41.59 0.73 -0.44	41.54 0.91 -2.72	41.32 0.72 -9.24	40.82 0.80 -6.53	40.88 0.87 -3.56	40.92 0.94 -0.73	44.50 0.69 -3.00	49.19 0.64 -10.73	46.43 0.69 -7.46	39.91 0.79 -3.07	40.68 0.79 -3.81	37.55 0.80 -3.33	40.05 0.76 -6.11	42.37 0.70 -8.23	46.29 0.67 -11.99	58.60 0.65 -23.45	63.42 0.73 -24.41	73.20 0.75 -32.99	66.98 0.69 -29.69	66.21 0.67 -29.97	59.77 0.65 -24.82	53.37 0.58 -20.32	49.25 0.60 -16.93	44.27 0.68 -6.13
REPUBLIC_115KV_BARTNBRK 55605	45.08 4.20 -0.45	44.96 4.25 -2.81	44.00 3.10 -9.53	43.84 3.62 -6.73	44.02 3.90 -3.67	44.16 4.16 -0.75	48.51 4.61 -3.09	53.30 4.42 -11.07	50.34 4.36 -7.69	43.25 4.04 -3.16	43.97 4.00 -3.89	40.23 3.58 -3.24	43.06 3.72 -6.16	45.60 3.71 -8.45	49.96 3.97 -12.37	62.78 4.10 -24.19	68.17 4.71 -25.17	78.77 5.29 -34.02	72.04 4.83 -30.62	71.13 4.66 -30.90	64.32 4.43 -25.59	57.31 3.89 -20.96	52.83 3.65 -17.46	47.98 4.20 -6.32
REVERE_CPPR_DRP 24186	41.37 0.93 -0.02	38.89 0.87 -0.11	32.35 0.63 -0.36	34.49 0.74 -0.26	37.43 0.84 -0.14	40.26 0.98 -0.03	41.98 1.06 -0.12	39.44 1.21 -0.42	39.69 1.11 -0.29	37.14 0.97 -0.12	37.08 0.87 -0.14	34.16 0.67 -0.07	34.11 0.73 -0.20	34.49 0.74 -0.31	34.94 0.84 -0.47	36.41 1.00 -0.92	40.62 1.38 -0.96	42.29 1.54 -1.30	39.19 1.43 -1.17	38.10 1.35 -1.18	36.45 1.17 -0.98	34.33 1.07 -0.80	33.27 0.89 -0.67	38.72 1.01 -0.24
REYNOLDS_115KV_TB3 80639	41.96 1.09 -0.44	41.81 1.18 -2.73	41.56 0.94 -9.26	41.07 1.04 -6.54	41.14 1.13 -3.57	41.19 1.22 -0.73	44.87 1.06 -3.01	49.54 0.98 -10.75	46.79 1.03 -7.47	40.20 1.08 -3.07	41.02 1.12 -3.83	37.85 1.07 -3.36	40.38 1.06 -6.13	42.68 1.00 -8.24	46.65 1.01 -12.01	58.95 0.97 -23.49	63.81 1.07 -24.45	73.61 1.10 -33.05	67.36 1.02 -29.74	66.58 1.00 -30.02	60.12 0.96 -24.86	53.72 0.91 -20.36	49.63 0.95 -16.96	44.65 1.05 -6.14
RIVERBAY____ 323610	43.67 2.87 -0.37	42.63 2.43 -2.29	41.22 2.07 -7.79	41.10 2.11 -5.50	41.75 2.30 -3.00	42.06 2.20 -0.61	45.78 2.45 -2.53	49.38 2.53 -9.04	47.33 2.76 -6.28	41.26 2.63 -2.58	42.64 2.67 -3.90	41.98 2.47 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.45 2.21 -19.76	61.22 2.37 -20.56	69.57 2.33 -27.79	63.80 2.20 -25.01	63.02 2.21 -25.24	57.20 1.99 -20.90	51.62 2.04 -17.12	48.01 2.03 -14.26	45.33 2.70 -5.17
RIVERSDE_115KV_TB3 55908	41.80 0.93 -0.44	41.70 1.06 -2.73	41.48 0.85 -9.28	40.98 0.94 -6.55	41.04 1.02 -3.57	41.08 1.10 -0.73	44.72 0.90 -3.01	49.42 0.83 -10.77	46.65 0.88 -7.49	40.06 0.94 -3.08	40.87 0.97 -3.83	37.72 0.97 -3.34	40.23 0.93 -6.13	42.60 0.90 -8.26	46.54 0.87 -12.04	58.86 0.83 -23.54	63.71 0.92 -24.50	73.52 0.95 -33.12	67.27 0.88 -29.80	66.50 0.85 -30.08	60.04 0.82 -24.91	53.64 0.78 -20.40	49.51 0.79 -17.00	44.48 0.86 -6.15
ROARING___BROOK_WT_PWR 323790	38.53 -1.90 0.00	36.32 -1.59 0.00	29.92 -1.44 0.00	31.95 -1.54 0.00	34.88 -1.57 0.00	37.64 -1.61 0.00	39.38 -1.43 0.00	36.71 -1.10 0.00	37.37 -0.92 0.00	35.22 -0.83 0.00	35.13 -0.94 0.00	32.38 -1.04 0.00	32.05 -1.13 0.00	32.17 -1.27 0.00	32.25 -1.38 0.00	33.01 -1.48 0.00	36.95 -1.34 0.00	38.00 -1.46 0.00	35.13 -1.46 0.00	33.93 -1.64 0.00	32.73 -1.58 0.00	30.80 -1.65 0.00	30.23 -1.49 0.00	35.82 -1.65 0.00

ROCHESRG_115KV_T4 355643	38.85 -1.62 -0.04	36.68 -1.48 -0.25	30.96 -1.25 -0.86	32.76 -1.34 -0.61	35.43 -1.35 -0.33	37.75 -1.57 -0.07	39.21 -1.88 -0.29	36.79 -2.04 -1.02	36.93 -2.07 -0.71	34.14 -2.20 -0.29	34.17 -2.24 -0.33	31.72 -1.87 -0.17	31.73 -1.92 -0.48	32.19 -2.01 -0.76	32.82 -1.95 -1.15	34.66 -2.07 -2.24	38.47 -2.14 -2.33	40.52 -2.09 -3.15	37.38 -2.05 -2.84	36.58 -1.85 -2.86	34.79 -1.89 -2.37	32.68 -1.72 -1.94	31.78 -1.55 -1.62	36.65 -1.39 -0.57
ROCHESTER_9_IC 23652	39.01 -1.46 -0.04	36.84 -1.33 -0.25	31.06 -1.16 -0.86	32.90 -1.21 -0.61	35.58 -1.20 -0.33	37.90 -1.41 -0.07	39.38 -1.71 -0.29	36.98 -1.85 -1.03	37.12 -1.88 -0.71	34.32 -2.02 -0.29	34.35 -2.06 -0.33	31.85 -1.74 -0.17	31.90 -1.76 -0.48	32.36 -1.84 -0.76	32.99 -1.78 -1.15	34.87 -1.86 -2.24	38.71 -1.91 -2.33	40.80 -1.81 -3.15	37.60 -1.83 -2.84	36.80 -1.64 -2.87	35.00 -1.68 -2.37	32.84 -1.56 -1.94	31.94 -1.40 -1.62	36.84 -1.20 -0.57
ROCKVIEW_13_KV_LD 356306	43.26 2.47 -0.37	42.29 2.08 -2.29	40.94 1.79 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	42.06 2.20 -0.61	45.78 2.45 -2.53	49.38 2.53 -9.04	47.32 2.76 -6.28	41.23 2.60 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.09	43.03 2.39 -7.46	43.31 2.44 -7.43	46.08 2.35 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.89 2.64 -27.79	64.09 2.49 -25.01	63.26 2.45 -25.24	57.44 2.23 -20.90	51.75 2.17 -17.12	48.07 2.09 -14.26	45.10 2.47 -5.17
ROME____115KV_TB2 80656	41.37 0.93 -0.02	38.89 0.87 -0.11	32.35 0.63 -0.36	34.49 0.74 -0.26	37.43 0.84 -0.14	40.26 0.98 -0.03	41.98 1.06 -0.12	39.44 1.21 -0.42	39.69 1.11 -0.29	37.14 0.97 -0.12	37.08 0.87 -0.14	34.16 0.67 -0.07	34.11 0.73 -0.20	34.49 0.74 -0.31	34.94 0.84 -0.47	36.41 1.00 -0.92	40.62 1.38 -0.96	42.29 1.54 -1.30	39.19 1.43 -1.17	38.10 1.35 -1.18	36.45 1.17 -0.98	34.33 1.07 -0.80	33.27 0.89 -0.67	38.72 1.01 -0.24
ROSETON___1 23587	42.74 1.94 -0.37	41.87 1.67 -2.29	40.59 1.44 -7.79	40.46 1.47 -5.50	41.05 1.60 -3.00	41.59 1.72 -0.61	45.25 1.92 -2.53	48.85 2.00 -9.04	46.71 2.14 -6.28	40.65 2.02 -2.58	41.81 2.02 -3.72	40.48 1.84 -5.23	41.86 1.82 -6.85	42.61 1.87 -7.30	45.54 1.81 -10.10	56.07 1.83 -19.75	60.91 2.07 -20.55	69.29 2.05 -27.78	63.53 1.94 -25.00	62.69 1.88 -25.24	56.95 1.75 -20.90	51.29 1.72 -17.12	47.63 1.65 -14.26	44.58 1.95 -5.16
ROSETON___2 23588	42.74 1.94 -0.37	41.87 1.67 -2.29	40.59 1.44 -7.79	40.46 1.47 -5.50	41.05 1.60 -3.00	41.59 1.72 -0.61	45.25 1.92 -2.53	48.85 2.00 -9.04	46.71 2.14 -6.28	40.65 2.02 -2.58	41.81 2.02 -3.72	40.48 1.84 -5.23	41.86 1.82 -6.85	42.61 1.87 -7.30	45.54 1.81 -10.10	56.07 1.83 -19.75	60.91 2.07 -20.55	69.29 2.05 -27.78	63.53 1.94 -25.00	62.69 1.88 -25.24	56.95 1.75 -20.90	51.29 1.72 -17.12	47.63 1.65 -14.26	44.58 1.95 -5.16
ROTRDAM_115KV_TB3 80664	42.06 1.17 -0.46	41.88 1.14 -2.84	41.87 0.88 -9.63	41.26 0.97 -6.80	41.21 1.06 -3.71	41.14 1.14 -0.76	45.16 1.22 -3.13	50.20 1.21 -11.18	47.28 1.23 -7.77	40.32 1.08 -3.20	41.03 1.05 -3.91	37.57 0.97 -3.18	40.33 1.00 -6.16	42.97 1.00 -8.53	47.16 1.04 -12.49	60.03 1.10 -24.44	64.98 1.26 -25.43	75.17 1.34 -34.38	68.74 1.21 -30.93	67.97 1.17 -31.22	61.30 1.13 -25.86	54.71 1.07 -21.18	50.38 1.02 -17.64	45.05 1.20 -6.39
RUSSELL___1 23602	39.09 -1.37 -0.04	36.95 -1.21 -0.25	31.16 -1.07 -0.86	32.96 -1.14 -0.61	35.65 -1.13 -0.33	38.02 -1.30 -0.07	39.54 -1.55 -0.29	37.14 -1.70 -1.03	37.31 -1.68 -0.71	34.47 -1.87 -0.29	34.49 -1.91 -0.33	32.02 -1.57 -0.17	32.03 -1.63 -0.48	32.49 -1.71 -0.76	33.16 -1.61 -1.15	35.01 -1.72 -2.24	38.90 -1.72 -2.33	41.03 -1.58 -3.15	37.79 -1.65 -2.84	37.01 -1.42 -2.87	35.17 -1.51 -2.37	33.01 -1.40 -1.94	32.10 -1.24 -1.62	36.99 -1.05 -0.57
RUSSELL___2 23532	39.09 -1.37 -0.04	36.95 -1.21 -0.25	31.16 -1.07 -0.86	32.96 -1.14 -0.61	35.65 -1.13 -0.33	38.02 -1.30 -0.07	39.54 -1.55 -0.29	37.14 -1.70 -1.03	37.31 -1.68 -0.71	34.47 -1.87 -0.29	34.49 -1.91 -0.33	32.02 -1.57 -0.17	32.03 -1.63 -0.48	32.49 -1.71 -0.76	33.16 -1.61 -1.15	35.01 -1.72 -2.24	38.90 -1.72 -2.33	41.03 -1.58 -3.15	37.79 -1.65 -2.84	37.01 -1.42 -2.87	35.17 -1.51 -2.37	33.01 -1.40 -1.94	32.10 -1.24 -1.62	36.99 -1.05 -0.57
RUSSELL___3 23549	39.09 -1.37 -0.04	36.95 -1.21 -0.25	31.16 -1.07 -0.86	32.96 -1.14 -0.61	35.65 -1.13 -0.33	38.02 -1.30 -0.07	39.54 -1.55 -0.29	37.14 -1.70 -1.03	37.31 -1.68 -0.71	34.47 -1.87 -0.29	34.49 -1.91 -0.33	32.02 -1.57 -0.17	32.03 -1.63 -0.48	32.49 -1.71 -0.76	33.16 -1.61 -1.15	35.01 -1.72 -2.24	38.90 -1.72 -2.33	41.03 -1.58 -3.15	37.79 -1.65 -2.84	37.01 -1.42 -2.87	35.17 -1.51 -2.37	33.01 -1.40 -1.94	32.10 -1.24 -1.62	36.99 -1.05 -0.57
RUSSELL___4 23556	39.09 -1.37 -0.04	36.95 -1.21 -0.25	31.16 -1.07 -0.86	32.96 -1.14 -0.61	35.65 -1.13 -0.33	38.02 -1.30 -0.07	39.54 -1.55 -0.29	37.14 -1.70 -1.03	37.31 -1.68 -0.71	34.47 -1.87 -0.29	34.49 -1.91 -0.33	32.02 -1.57 -0.17	32.03 -1.63 -0.48	32.49 -1.71 -0.76	33.16 -1.61 -1.15	35.01 -1.72 -2.24	38.90 -1.72 -2.33	41.03 -1.58 -3.15	37.79 -1.65 -2.84	37.01 -1.42 -2.87	35.17 -1.51 -2.37	33.01 -1.40 -1.94	32.10 -1.24 -1.62	36.99 -1.05 -0.57
RUSSELL___STATION 23914	39.09 -1.37 -0.04	36.95 -1.21 -0.25	31.16 -1.07 -0.86	32.96 -1.14 -0.61	35.65 -1.13 -0.33	38.02 -1.30 -0.07	39.54 -1.55 -0.29	37.14 -1.70 -1.03	37.31 -1.68 -0.71	34.47 -1.87 -0.29	34.49 -1.91 -0.33	32.02 -1.57 -0.17	32.03 -1.63 -0.48	32.49 -1.71 -0.76	33.16 -1.61 -1.15	35.01 -1.72 -2.24	38.90 -1.72 -2.33	41.03 -1.58 -3.15	37.79 -1.65 -2.84	37.01 -1.42 -2.87	35.17 -1.51 -2.37	33.01 -1.40 -1.94	32.10 -1.24 -1.62	36.99 -1.05 -0.57
S SALMON___HYD 24043	39.64 -0.81 -0.02	37.34 -0.72 -0.15	31.26 -0.63 -0.52	33.22 -0.64 -0.37	35.92 -0.73 -0.20	38.54 -0.75 -0.04	40.16 -0.82 -0.17	37.66 -0.76 -0.61	37.83 -0.88 -0.42	35.39 -0.83 -0.17	35.37 -0.90 -0.20	32.65 -0.87 -0.10	32.60 -0.86 -0.28	33.02 -0.87 -0.45	33.50 -0.81 -0.68	35.02 -0.79 -1.32	38.94 -0.73 -1.38	40.65 -0.67 -1.86	37.72 -0.55 -1.67	36.69 -0.57 -1.69	35.19 -0.51 -1.40	33.12 -0.49 -1.15	32.10 -0.57 -0.96	37.10 -0.71 -0.35
S.PERRY___115KV_TB1 80734	39.64 -0.85 -0.06	37.55 -0.72 -0.37	31.94 -0.66 -1.24	33.70 -0.67 -0.88	36.31 -0.62 -0.48	38.60 -0.75 -0.10	40.25 -0.94 -0.38	38.43 -0.76 -1.37	38.28 -0.96 -0.95	34.93 -1.51 -0.39	34.82 -1.70 -0.45	32.08 -1.57 -0.23	32.26 -1.56 -0.64	32.89 -1.57 -1.02	33.71 -1.45 -1.53	36.14 -1.35 -2.99	40.29 -1.11 -3.12	43.00 -0.67 -4.21	39.72 -0.66 -3.79	38.86 -0.53 -3.82	36.82 -0.65 -3.17	34.34 -0.71 -2.59	33.25 -0.63 -2.16	37.84 -0.45 -0.82
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.65 -2.83 -0.05	35.50 -2.73 -0.33	30.24 -2.23 -1.11	31.90 -2.38 -0.78	34.40 -2.48 -0.43	36.39 -2.94 -0.09	37.67 -3.43 -0.29	35.20 -3.63 -1.01	35.35 -3.64 -0.71	32.63 -3.71 -0.29	32.66 -3.75 -0.33	30.35 -3.24 -0.17	30.34 -3.32 -0.48	30.78 -3.41 -0.76	31.33 -3.43 -1.13	33.15 -3.55 -2.21	36.76 -3.83 -2.30	38.77 -3.79 -3.11	35.73 -3.66 -2.80	34.94 -3.45 -2.82	33.21 -3.43 -2.34	31.23 -3.15 -1.92	30.43 -2.89 -1.60	35.47 -2.74 -0.73

SAWYER___23_KV_LOAD 55526	37.65 -2.83 -0.05	35.50 -2.73 -0.33	30.24 -2.23 -1.11	31.90 -2.38 -0.78	34.40 -2.48 -0.43	36.39 -2.94 -0.09	37.67 -3.43 -0.29	35.20 -3.63 -1.01	35.35 -3.64 -0.71	32.63 -3.71 -0.29	32.66 -3.75 -0.33	30.35 -3.24 -0.17	30.34 -3.32 -0.48	30.78 -3.41 -0.76	31.33 -3.43 -1.13	33.15 -3.55 -2.21	36.76 -3.83 -2.30	38.77 -3.79 -3.11	35.73 -3.66 -2.80	34.94 -3.45 -2.82	33.21 -3.43 -2.34	31.23 -3.15 -1.92	30.43 -2.89 -1.60	35.47 -2.74 -0.73
SELKIRK___I 23801	41.83 0.97 -0.43	41.69 1.10 -2.68	41.32 0.85 -9.11	40.90 0.97 -6.43	41.02 1.06 -3.51	41.10 1.14 -0.72	44.74 0.98 -2.96	49.30 0.91 -10.58	46.48 0.84 -7.36	39.90 0.83 -3.02	40.68 0.83 -3.78	37.59 0.80 -3.37	40.06 0.80 -6.08	42.33 0.77 -8.12	46.26 0.81 -11.82	58.48 0.86 -23.12	63.31 0.96 -24.06	73.01 1.02 -32.53	66.81 0.95 -29.27	66.00 0.89 -29.54	59.66 0.89 -24.47	53.31 0.81 -20.04	49.24 0.82 -16.69	44.45 0.94 -6.04
SELKIRK___II 23799	41.67 0.81 -0.44	41.53 0.91 -2.71	41.28 0.72 -9.20	40.79 0.80 -6.50	40.87 0.87 -3.54	40.91 0.94 -0.72	44.61 0.82 -2.99	49.25 0.76 -10.69	46.52 0.81 -7.43	39.93 0.83 -3.05	40.70 0.83 -3.80	37.56 0.84 -3.30	40.05 0.80 -6.07	42.40 0.77 -8.19	46.31 0.74 -11.94	58.60 0.76 -23.35	63.43 0.84 -24.30	73.17 0.87 -32.85	66.96 0.80 -29.56	66.19 0.78 -29.84	59.77 0.75 -24.71	53.41 0.71 -20.24	49.28 0.70 -16.86	44.36 0.79 -6.10
SENECA OSWGO___HYD 24041	39.48 -0.97 -0.03	37.21 -0.87 -0.17	31.22 -0.72 -0.58	33.16 -0.74 -0.41	35.80 -0.88 -0.22	38.35 -0.94 -0.05	39.98 -1.02 -0.19	37.43 -1.06 -0.67	37.60 -1.15 -0.47	35.16 -1.08 -0.19	35.24 -1.05 -0.22	32.56 -0.97 -0.11	32.57 -0.93 -0.31	33.04 -0.90 -0.50	33.51 -0.87 -0.75	35.06 -0.90 -1.47	38.79 -1.03 -1.53	40.46 -1.06 -2.07	37.50 -0.95 -1.86	36.52 -0.92 -1.88	35.00 -0.86 -1.56	32.92 -0.81 -1.27	31.96 -0.82 -1.06	36.88 -0.97 -0.38
SENECA___115KV_TB3 355854	37.73 -2.75 -0.05	35.59 -2.65 -0.34	30.32 -2.20 -1.15	31.96 -2.34 -0.81	34.45 -2.44 -0.44	36.43 -2.90 -0.09	37.81 -3.31 -0.31	35.57 -3.33 -1.09	35.71 -3.33 -0.76	32.98 -3.39 -0.32	32.97 -3.46 -0.36	30.57 -3.04 -0.19	30.61 -3.09 -0.51	31.11 -3.14 -0.81	31.69 -3.16 -1.22	33.63 -3.24 -2.38	37.32 -3.45 -2.47	39.44 -3.35 -3.34	36.31 -3.29 -3.01	35.48 -3.13 -3.04	33.73 -3.09 -2.52	31.63 -2.89 -2.06	30.74 -2.70 -1.72	35.61 -2.62 -0.76
SENECA___ENERGY 23797	39.74 -0.73 -0.04	37.50 -0.68 -0.27	31.73 -0.56 -0.93	33.58 -0.57 -0.66	36.15 -0.66 -0.36	38.62 -0.71 -0.07	40.33 -0.78 -0.30	38.21 -0.68 -1.08	38.23 -0.81 -0.75	35.46 -0.90 -0.31	35.49 -0.94 -0.35	32.73 -0.87 -0.18	32.86 -0.83 -0.51	33.44 -0.80 -0.81	34.10 -0.74 -1.21	36.17 -0.69 -2.37	40.06 -0.69 -2.46	42.19 -0.59 -3.33	39.04 -0.55 -3.00	38.06 -0.53 -3.02	36.26 -0.55 -2.50	33.93 -0.58 -2.05	32.82 -0.60 -1.71	37.45 -0.64 -0.62
SHOEMAKER___GT 23640	42.46 1.70 -0.34	41.41 1.40 -2.10	39.69 1.22 -7.11	39.79 1.27 -5.02	40.57 1.38 -2.74	41.34 1.53 -0.56	44.79 1.67 -2.31	47.80 1.74 -8.25	45.90 1.88 -5.74	40.07 1.66 -2.36	37.37 1.66 0.37	21.67 1.51 13.26	28.21 1.49 6.46	38.86 1.54 -3.89	44.36 1.51 -9.22	54.08 1.55 -18.04	58.82 1.76 -18.77	66.64 1.82 -25.37	61.14 1.72 -22.83	60.28 1.67 -23.04	54.93 1.55 -19.08	49.58 1.49 -15.63	46.20 1.46 -13.02	43.87 1.69 -4.72
SHOEMAKR_138KV_BK 111 55601	42.46 1.70 -0.34	41.39 1.40 -2.08	39.63 1.22 -7.05	39.74 1.27 -4.98	40.55 1.39 -2.72	41.29 1.49 -0.55	44.77 1.67 -2.29	47.73 1.74 -8.18	45.85 1.88 -5.69	40.08 1.69 -2.34	36.09 1.66 1.64	15.65 1.50 19.27	23.98 1.53 10.73	37.89 1.54 -2.91	44.28 1.51 -9.14	53.95 1.59 -17.88	58.65 1.76 -18.60	66.42 1.81 -25.15	60.94 1.72 -22.63	60.08 1.67 -22.84	54.77 1.54 -18.92	49.44 1.49 -15.49	46.05 1.43 -12.91	43.83 1.69 -4.68
SHOREHAM_IC_1 23715	43.92 3.11 -0.38	42.86 2.65 -2.29	41.16 2.01 -7.79	40.97 1.98 -5.50	41.71 2.26 -3.00	42.65 2.79 -0.61	46.48 3.14 -2.54	50.07 3.21 -9.05	47.95 3.37 -6.29	41.59 2.96 -2.58	42.90 2.92 -3.90	42.14 2.64 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.25 2.69 -10.93	56.81 2.55 -19.77	69.96 3.06 -28.60	90.76 2.92 -48.39	79.62 2.78 -40.25	71.16 2.63 -32.96	66.06 2.40 -29.35	62.30 2.24 -27.60	54.53 2.22 -20.59	46.58 2.73 -6.38
SHOREHAM_IC_2 23716	43.92 3.11 -0.38	42.86 2.65 -2.29	41.16 2.01 -7.79	40.97 1.98 -5.50	41.71 2.26 -3.00	42.65 2.79 -0.61	46.48 3.14 -2.54	50.07 3.21 -9.05	47.95 3.37 -6.29	41.59 2.96 -2.58	42.90 2.92 -3.90	42.14 2.64 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.25 2.69 -10.93	56.81 2.55 -19.77	69.96 3.06 -28.60	90.76 2.92 -48.39	79.62 2.78 -40.25	71.16 2.63 -32.96	66.06 2.40 -29.35	62.30 2.24 -27.60	54.53 2.22 -20.59	46.58 2.73 -6.38
SISSONVILLE___ 23735	37.56 -2.87 -0.01	35.68 -2.27 -0.05	29.30 -2.23 -0.16	31.26 -2.34 -0.11	34.22 -2.30 -0.06	36.95 -2.32 -0.01	38.94 -1.92 -0.05	36.83 -1.17 -0.19	37.65 -0.77 -0.13	35.42 -0.68 -0.05	35.12 -1.01 -0.06	32.15 -1.30 -0.03	31.81 -1.46 -0.09	31.90 -1.67 -0.14	31.95 -1.88 -0.21	32.83 -2.07 -0.41	37.41 -1.30 -0.43	38.53 -1.50 -0.58	35.54 -1.57 -0.52	34.07 -2.03 -0.52	32.78 -1.96 -0.43	30.48 -2.34 -0.36	29.95 -2.06 -0.30	35.36 -2.21 -0.11
SITHE_IND_GS1 24169	39.24 -1.21 -0.02	36.90 -1.14 -0.13	30.90 -0.91 -0.45	32.84 -0.97 -0.32	35.53 -1.09 -0.17	38.11 -1.18 -0.04	39.69 -1.27 -0.15	36.98 -1.36 -0.53	37.16 -1.49 -0.37	34.83 -1.37 -0.15	34.91 -1.33 -0.17	32.31 -1.20 -0.09	32.24 -1.19 -0.25	32.66 -1.17 -0.40	33.04 -1.18 -0.59	34.44 -1.21 -1.16	38.08 -1.42 -1.21	39.63 -1.46 -1.63	36.75 -1.32 -1.47	35.81 -1.25 -1.48	34.37 -1.17 -1.23	32.36 -1.10 -1.01	31.48 -1.08 -0.84	36.49 -1.27 -0.30
SITHE_IND_GS2 24170	39.24 -1.21 -0.02	36.90 -1.14 -0.13	30.90 -0.91 -0.45	32.84 -0.97 -0.32	35.53 -1.09 -0.17	38.11 -1.18 -0.04	39.69 -1.27 -0.15	36.98 -1.36 -0.53	37.16 -1.49 -0.37	34.83 -1.37 -0.15	34.91 -1.33 -0.17	32.31 -1.20 -0.09	32.24 -1.19 -0.25	32.66 -1.17 -0.40	33.04 -1.18 -0.59	34.44 -1.21 -1.16	38.08 -1.42 -1.21	39.63 -1.46 -1.63	36.75 -1.32 -1.47	35.81 -1.25 -1.48	34.37 -1.17 -1.23	32.36 -1.10 -1.01	31.48 -1.08 -0.84	36.49 -1.27 -0.30
SITHE_IND_GS3 24171	39.24 -1.21 -0.02	36.90 -1.14 -0.13	30.90 -0.91 -0.45	32.84 -0.97 -0.32	35.53 -1.09 -0.17	38.11 -1.18 -0.04	39.69 -1.27 -0.15	36.98 -1.36 -0.53	37.16 -1.49 -0.37	34.83 -1.37 -0.15	34.91 -1.33 -0.17	32.31 -1.20 -0.09	32.24 -1.19 -0.25	32.66 -1.17 -0.40	33.04 -1.18 -0.59	34.44 -1.21 -1.16	38.08 -1.42 -1.21	39.63 -1.46 -1.63	36.75 -1.32 -1.47	35.81 -1.25 -1.48	34.37 -1.17 -1.23	32.36 -1.10 -1.01	31.48 -1.08 -0.84	36.49 -1.27 -0.30
SITHE_IND_GS4 24172	39.24 -1.21 -0.02	36.90 -1.14 -0.13	30.90 -0.91 -0.45	32.84 -0.97 -0.32	35.53 -1.09 -0.17	38.11 -1.18 -0.04	39.69 -1.27 -0.15	36.98 -1.36 -0.53	37.16 -1.49 -0.37	34.83 -1.37 -0.15	34.91 -1.33 -0.17	32.31 -1.20 -0.09	32.24 -1.19 -0.25	32.66 -1.17 -0.40	33.04 -1.18 -0.59	34.44 -1.21 -1.16	38.08 -1.42 -1.21	39.63 -1.46 -1.63	36.75 -1.32 -1.47	35.81 -1.25 -1.48	34.37 -1.17 -1.23	32.36 -1.10 -1.01	31.48 -1.08 -0.84	36.49 -1.27 -0.30

SITHE___BATAVIA 24024	38.45 -2.02 -0.05	36.34 -1.86 -0.29	30.75 -1.60 -0.99	32.52 -1.67 -0.70	35.19 -1.64 -0.38	37.36 -1.96 -0.08	38.77 -2.32 -0.29	36.33 -2.50 -1.01	36.50 -2.49 -0.70	33.60 -2.74 -0.29	33.55 -2.85 -0.33	31.15 -2.44 -0.17	31.13 -2.52 -0.48	31.58 -2.61 -0.75	32.20 -2.56 -1.13	34.04 -2.66 -2.21	37.94 -2.64 -2.30	40.15 -2.41 -3.11	36.97 -2.42 -2.79	36.22 -2.17 -2.82	34.41 -2.23 -2.34	32.26 -2.11 -1.91	31.44 -1.87 -1.60	36.47 -1.65 -0.66
SITHE___INDEPEND 23800	39.23 -1.21 -0.02	36.90 -1.14 -0.13	30.90 -0.91 -0.45	32.84 -0.97 -0.32	35.53 -1.09 -0.17	38.11 -1.18 -0.04	39.69 -1.26 -0.15	36.98 -1.36 -0.53	37.16 -1.49 -0.37	34.83 -1.37 -0.15	34.91 -1.33 -0.17	32.31 -1.20 -0.09	32.23 -1.19 -0.25	32.66 -1.17 -0.40	33.04 -1.18 -0.59	34.44 -1.21 -1.16	38.08 -1.42 -1.21	39.63 -1.46 -1.63	36.75 -1.32 -1.47	35.81 -1.24 -1.48	34.37 -1.17 -1.23	32.36 -1.10 -1.01	31.48 -1.08 -0.84	36.49 -1.27 -0.30
SITHE___MASSENA 23902	37.48 -2.95 -0.01	35.63 -2.31 -0.04	29.26 -2.23 -0.12	31.20 -2.38 -0.08	34.16 -2.33 -0.05	36.86 -2.40 -0.01	38.85 -2.00 -0.04	36.66 -1.29 -0.14	37.58 -0.81 -0.10	35.40 -0.69 -0.04	35.15 -0.97 -0.05	32.17 -1.27 -0.02	31.82 -1.43 -0.07	31.90 -1.64 -0.10	31.90 -1.88 -0.16	32.69 -2.11 -0.30	37.15 -1.45 -0.32	38.19 -1.70 -0.43	35.15 -1.83 -0.39	33.65 -2.31 -0.39	32.43 -2.20 -0.32	30.19 -2.53 -0.26	29.75 -2.19 -0.22	35.22 -2.32 -0.08
SITHE___OGDNSBRG 24021	37.97 -2.47 -0.01	36.09 -1.86 -0.04	29.59 -1.91 -0.15	31.59 -2.01 -0.10	34.61 -1.90 -0.06	37.38 -1.88 -0.01	39.38 -1.47 -0.05	37.30 -0.68 -0.17	38.06 -0.34 -0.12	35.74 -0.36 -0.05	35.41 -0.72 -0.05	32.31 -1.14 -0.03	31.97 -1.29 -0.08	32.06 -1.50 -0.13	32.07 -1.75 -0.19	32.93 -1.93 -0.37	37.71 -0.96 -0.38	38.95 -1.03 -0.52	35.96 -1.10 -0.47	34.48 -1.57 -0.47	33.15 -1.54 -0.39	30.80 -1.98 -0.32	30.27 -1.71 -0.27	35.76 -1.80 -0.10
SITHE___STERLING 23777	41.21 0.77 -0.02	38.79 0.76 -0.12	32.32 0.53 -0.42	34.43 0.63 -0.30	37.30 0.69 -0.16	40.11 0.83 -0.03	41.80 0.86 -0.14	39.28 0.98 -0.49	39.51 0.88 -0.34	36.95 0.76 -0.14	36.92 0.68 -0.16	34.04 0.53 -0.08	34.01 0.60 -0.23	34.40 0.60 -0.37	34.85 0.67 -0.55	36.39 0.83 -1.08	40.48 1.07 -1.12	42.15 1.18 -1.51	39.05 1.10 -1.36	37.97 1.03 -1.37	36.33 0.89 -1.14	34.23 0.84 -0.93	33.19 0.70 -0.78	38.57 0.82 -0.28
SLEIGHT__34_KV_TB1 80719	39.25 -1.21 -0.04	37.10 -1.06 -0.25	31.27 -0.94 -0.85	33.12 -0.97 -0.60	35.76 -1.02 -0.33	38.22 -1.10 -0.07	39.78 -1.31 -0.28	37.53 -1.29 -1.01	37.64 -1.34 -0.70	34.89 -1.44 -0.29	34.96 -1.44 -0.33	32.32 -1.27 -0.17	32.39 -1.26 -0.47	32.95 -1.24 -0.75	33.58 -1.18 -1.12	35.48 -1.21 -2.20	39.31 -1.26 -2.29	41.37 -1.18 -3.10	38.17 -1.21 -2.79	37.28 -1.10 -2.81	35.50 -1.13 -2.33	33.29 -1.07 -1.91	32.32 -0.98 -1.59	37.09 -0.94 -0.56
SOUTH CAIRO___GT 23612	42.26 1.41 -0.42	42.10 1.59 -2.60	41.40 1.22 -8.82	41.13 1.41 -6.23	41.45 1.60 -3.40	41.71 1.77 -0.69	45.26 1.59 -2.86	49.41 1.36 -10.24	46.70 1.30 -7.12	39.91 0.94 -2.93	40.60 0.79 -3.73	37.70 0.67 -3.61	39.98 0.66 -6.13	42.02 0.67 -7.92	45.88 0.81 -11.44	57.97 1.10 -22.38	63.07 1.49 -23.29	72.71 1.78 -31.48	66.64 1.72 -28.33	65.80 1.64 -28.59	59.53 1.54 -23.68	53.18 1.33 -19.39	49.14 1.27 -16.16	44.70 1.39 -5.85
SOUTH HAMPTN___IC 23720	44.08 3.27 -0.38	43.01 2.81 -2.29	41.28 2.13 -7.79	41.07 2.08 -5.50	41.85 2.41 -3.00	42.81 2.95 -0.61	46.69 3.35 -2.54	50.27 3.40 -9.05	48.18 3.60 -6.29	41.80 3.17 -2.58	43.04 3.06 -3.90	42.34 2.84 -6.09	43.39 2.75 -7.46	43.69 2.81 -7.44	47.42 2.86 -10.93	56.98 2.72 -19.77	70.13 3.25 -28.59	90.97 3.16 -48.36	79.78 2.96 -40.23	71.33 2.81 -32.95	66.22 2.57 -29.34	62.44 2.40 -27.58	54.65 2.35 -20.58	46.80 2.96 -6.37
SOUTHDOW_115KV_TB1 355954	37.86 -2.63 -0.06	35.73 -2.54 -0.36	30.49 -2.10 -1.23	32.08 -2.28 -0.87	34.52 -2.41 -0.47	36.40 -2.94 -0.10	38.00 -3.14 -0.34	36.14 -2.87 -1.20	36.25 -2.87 -0.84	33.33 -3.06 -0.35	33.29 -3.17 -0.40	30.65 -2.97 -0.21	30.73 -3.02 -0.57	31.32 -3.01 -0.90	31.91 -3.06 -1.34	34.04 -3.07 -2.62	37.84 -3.18 -2.73	40.19 -2.96 -3.69	36.95 -2.96 -3.32	36.04 -2.88 -3.35	34.23 -2.85 -2.78	32.01 -2.73 -2.27	30.98 -2.63 -1.90	35.62 -2.66 -0.82
SOUTHOLD_69_KV_BK 2 55809	44.08 3.27 -0.38	42.97 2.77 -2.29	41.25 2.10 -7.79	41.04 2.04 -5.50	41.82 2.37 -3.00	42.80 2.94 -0.61	46.73 3.39 -2.54	50.42 3.55 -9.05	48.33 3.75 -6.29	41.95 3.32 -2.58	43.04 3.07 -3.90	42.35 2.84 -6.09	43.40 2.75 -7.46	43.69 2.81 -7.44	47.38 2.82 -10.93	56.98 2.72 -19.77	70.10 3.22 -28.59	90.97 3.16 -48.36	79.82 3.00 -40.23	71.33 2.81 -32.95	66.19 2.54 -29.34	62.41 2.37 -27.58	54.55 2.25 -20.58	46.88 3.03 -6.37
SOUTHOLD___IC 23719	44.08 3.27 -0.38	42.97 2.77 -2.29	41.25 2.10 -7.79	41.04 2.04 -5.50	41.82 2.37 -3.00	42.81 2.95 -0.61	46.73 3.39 -2.54	50.41 3.55 -9.05	48.33 3.75 -6.29	41.95 3.31 -2.58	43.04 3.06 -3.90	42.34 2.84 -6.09	43.39 2.75 -7.46	43.69 2.81 -7.44	47.38 2.83 -10.93	56.98 2.72 -19.77	70.10 3.22 -28.59	90.97 3.16 -48.36	79.78 2.96 -40.23	71.33 2.81 -32.95	66.15 2.50 -29.34	62.38 2.34 -27.58	54.56 2.25 -20.58	46.87 3.03 -6.37
SOUTH_FORK_WT_PWR 323839	43.68 2.87 -0.38	42.63 2.43 -2.29	40.94 1.79 -7.79	40.70 1.71 -5.50	41.49 2.04 -3.00	42.45 2.59 -0.61	46.36 3.02 -2.54	50.11 3.25 -9.05	48.03 3.45 -6.29	41.66 3.03 -2.58	42.68 2.71 -3.90	42.04 2.54 -6.09	43.06 2.42 -7.46	43.35 2.47 -7.44	47.05 2.49 -10.93	56.61 2.35 -19.77	69.60 2.72 -28.59	90.46 2.64 -48.36	79.31 2.49 -40.23	70.87 2.35 -32.95	65.71 2.06 -29.34	61.96 1.91 -27.58	54.14 1.84 -20.58	46.50 2.66 -6.37
SPIERFLS_115KV_TB 1 80737	43.31 2.43 -0.45	43.11 2.39 -2.81	42.69 1.79 -9.54	42.31 2.08 -6.74	42.35 2.22 -3.67	42.39 2.39 -0.75	46.52 2.61 -3.10	51.42 2.53 -11.08	48.55 2.57 -7.70	41.56 2.34 -3.17	42.31 2.34 -3.89	38.69 2.04 -3.23	41.46 2.12 -6.16	44.00 2.11 -8.46	48.26 2.25 -12.38	61.05 2.35 -24.21	66.13 2.64 -25.20	76.40 2.88 -34.06	69.84 2.60 -30.65	69.03 2.53 -30.94	62.33 2.40 -25.62	55.58 2.14 -20.98	51.29 2.09 -17.48	46.19 2.40 -6.33
ST LAWRENCE____ 23600	37.11 -3.31 0.00	35.25 -2.65 0.00	28.85 -2.51 0.00	30.85 -2.65 0.00	33.82 -2.62 0.00	36.50 -2.75 0.00	38.40 -2.41 0.00	36.11 -1.70 0.00	37.02 -1.26 0.00	34.97 -1.08 0.00	34.74 -1.33 0.00	31.85 -1.57 0.00	31.45 -1.73 0.00	31.46 -1.97 0.00	31.44 -2.19 0.00	32.07 -2.42 0.00	36.41 -1.88 0.00	37.29 -2.17 0.00	34.33 -2.27 0.00	32.86 -2.70 0.00	31.70 -2.61 0.00	29.57 -2.89 0.00	29.18 -2.54 0.00	34.77 -2.70 0.00
STATE_CA_115KV_115_LB 55624	41.76 0.89 -0.44	41.72 1.06 -2.75	41.54 0.85 -9.33	41.05 0.97 -6.59	41.06 1.02 -3.59	41.08 1.10 -0.73	44.69 0.86 -3.03	49.44 0.79 -10.84	46.66 0.84 -7.53	40.08 0.94 -3.10	40.89 0.97 -3.84	37.69 0.97 -3.30	40.23 0.93 -6.13	42.64 0.90 -8.30	46.61 0.87 -12.11	59.04 0.86 -23.69	63.89 0.96 -24.65	73.76 0.99 -33.32	67.45 0.88 -29.98	66.68 0.85 -30.26	60.19 0.82 -25.06	53.73 0.75 -20.52	49.58 0.76 -17.10	44.52 0.86 -6.19

STATE_ST_34_KV_LOAD 55959	40.31 -0.16 -0.04	38.03 -0.15 -0.27	32.16 -0.13 -0.92	34.01 -0.13 -0.65	36.62 -0.18 -0.36	39.16 -0.16 -0.07	40.90 -0.20 -0.30	38.77 -0.11 -1.07	38.76 -0.27 -0.74	35.99 -0.36 -0.31	36.10 -0.32 -0.35	33.30 -0.30 -0.18	33.42 -0.27 -0.50	34.03 -0.20 -0.80	34.66 -0.17 -1.20	36.76 -0.07 -2.34	40.68 -0.04 -2.43	42.79 0.04 -3.29	39.63 0.07 -2.96	38.59 0.04 -2.99	36.81 0.03 -2.48	34.45 -0.03 -2.03	33.31 -0.10 -1.69	37.97 -0.11 -0.61
STATION_5_MISC_HYD 23604	39.01 -1.45 -0.04	36.83 -1.33 -0.25	31.07 -1.16 -0.86	32.90 -1.20 -0.61	35.58 -1.20 -0.33	37.91 -1.41 -0.07	39.38 -1.71 -0.29	36.98 -1.85 -1.03	37.12 -1.88 -0.71	34.32 -2.02 -0.29	34.35 -2.05 -0.33	31.85 -1.74 -0.17	31.90 -1.76 -0.48	32.36 -1.84 -0.76	32.99 -1.78 -1.15	34.87 -1.86 -2.24	38.71 -1.91 -2.33	40.80 -1.81 -3.15	37.60 -1.83 -2.84	36.80 -1.64 -2.87	35.03 -1.65 -2.37	32.84 -1.56 -1.94	31.97 -1.36 -1.62	36.84 -1.20 -0.57
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.54 -0.93 -0.04	37.33 -0.83 -0.26	31.51 -0.72 -0.87	33.34 -0.77 -0.62	36.02 -0.77 -0.34	38.45 -0.86 -0.07	40.07 -1.02 -0.29	37.85 -0.98 -1.03	38.00 -1.00 -0.71	35.15 -1.19 -0.29	35.18 -1.23 -0.33	32.55 -1.04 -0.17	32.60 -1.06 -0.48	33.13 -1.07 -0.76	33.80 -0.98 -1.15	35.73 -1.00 -2.24	39.66 -0.96 -2.33	41.78 -0.83 -3.15	38.55 -0.88 -2.84	37.65 -0.78 -2.87	35.85 -0.82 -2.37	33.56 -0.84 -1.94	32.58 -0.76 -1.62	37.37 -0.67 -0.58
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.85 -1.62 -0.04	36.72 -1.44 -0.25	30.96 -1.25 -0.86	32.79 -1.31 -0.61	35.43 -1.35 -0.33	37.79 -1.53 -0.07	39.29 -1.80 -0.28	36.90 -1.93 -1.02	37.08 -1.91 -0.71	34.28 -2.05 -0.29	34.31 -2.09 -0.33	31.82 -1.77 -0.17	31.86 -1.79 -0.48	32.32 -1.87 -0.76	32.95 -1.82 -1.14	34.81 -1.90 -2.22	38.65 -1.95 -2.31	40.73 -1.85 -3.13	37.54 -1.87 -2.81	36.74 -1.67 -2.84	34.94 -1.72 -2.35	32.76 -1.62 -1.93	31.86 -1.46 -1.60	36.72 -1.31 -0.57
STA_56___34_KV_BUS2 355983	38.85 -1.62 -0.04	36.72 -1.44 -0.25	30.96 -1.25 -0.86	32.79 -1.31 -0.61	35.43 -1.35 -0.33	37.79 -1.53 -0.07	39.29 -1.80 -0.28	36.90 -1.93 -1.02	37.08 -1.91 -0.71	34.28 -2.05 -0.29	34.31 -2.09 -0.33	31.82 -1.77 -0.17	31.86 -1.79 -0.48	32.32 -1.87 -0.76	32.95 -1.82 -1.14	34.81 -1.90 -2.22	38.65 -1.95 -2.31	40.73 -1.85 -3.13	37.54 -1.87 -2.81	36.74 -1.67 -2.84	34.94 -1.72 -2.35	32.76 -1.62 -1.93	31.86 -1.46 -1.60	36.72 -1.31 -0.57
STA_67___115KV_BK2 355882	38.93 -1.54 -0.04	36.76 -1.40 -0.25	31.03 -1.19 -0.86	32.83 -1.27 -0.61	35.51 -1.28 -0.33	37.86 -1.45 -0.07	39.34 -1.75 -0.29	36.91 -1.93 -1.03	37.04 -1.95 -0.71	34.25 -2.09 -0.29	34.28 -2.13 -0.33	31.82 -1.77 -0.17	31.83 -1.82 -0.48	32.29 -1.91 -0.76	32.92 -1.85 -1.15	34.80 -1.93 -2.24	38.63 -1.99 -2.33	40.68 -1.93 -3.15	37.49 -1.94 -2.84	36.73 -1.71 -2.86	34.93 -1.75 -2.37	32.78 -1.62 -1.94	31.88 -1.46 -1.62	36.77 -1.27 -0.57
STA_7___115KV_9TRANS 80674	39.09 -1.37 -0.04	36.95 -1.21 -0.25	31.16 -1.07 -0.86	32.96 -1.14 -0.61	35.65 -1.13 -0.33	38.02 -1.30 -0.07	39.54 -1.55 -0.29	37.14 -1.70 -1.03	37.31 -1.68 -0.71	34.47 -1.87 -0.29	34.49 -1.91 -0.33	32.02 -1.57 -0.17	32.03 -1.63 -0.48	32.49 -1.71 -0.76	33.16 -1.61 -1.15	35.01 -1.72 -2.24	38.90 -1.72 -2.33	41.03 -1.58 -3.15	37.79 -1.65 -2.84	37.01 -1.42 -2.87	35.17 -1.51 -2.37	33.01 -1.40 -1.94	32.10 -1.24 -1.62	36.99 -1.05 -0.57
STA_82___115KV_TB1 80780	38.97 -1.50 -0.04	36.80 -1.36 -0.26	31.04 -1.19 -0.87	32.87 -1.24 -0.61	35.51 -1.28 -0.33	37.86 -1.45 -0.07	39.34 -1.75 -0.29	36.91 -1.93 -1.03	37.05 -1.95 -0.71	34.25 -2.09 -0.29	34.28 -2.13 -0.33	31.82 -1.77 -0.17	31.84 -1.82 -0.48	32.29 -1.91 -0.76	32.93 -1.85 -1.15	34.80 -1.93 -2.24	38.63 -1.99 -2.33	40.72 -1.89 -3.16	37.53 -1.90 -2.84	36.73 -1.71 -2.87	34.93 -1.75 -2.37	32.78 -1.62 -1.94	31.91 -1.43 -1.62	36.77 -1.27 -0.58
STEEL___WIND 323596	37.65 -2.83 -0.05	35.52 -2.73 -0.34	30.25 -2.26 -1.15	31.89 -2.41 -0.81	34.38 -2.51 -0.44	36.35 -2.98 -0.09	37.73 -3.39 -0.31	35.54 -3.37 -1.09	35.64 -3.41 -0.76	32.90 -3.46 -0.32	32.90 -3.53 -0.36	30.50 -3.11 -0.19	30.54 -3.15 -0.51	31.04 -3.21 -0.81	31.65 -3.20 -1.22	33.56 -3.31 -2.38	37.24 -3.52 -2.47	39.33 -3.47 -3.34	36.24 -3.37 -3.01	35.40 -3.20 -3.04	33.67 -3.16 -2.52	31.57 -2.95 -2.06	30.68 -2.76 -1.72	35.53 -2.70 -0.76
STEPHTWN_115KV_BK_2 55603	41.96 1.09 -0.44	41.92 1.29 -2.72	41.57 0.97 -9.24	41.16 1.14 -6.53	41.21 1.20 -3.56	41.27 1.30 -0.73	44.91 1.10 -3.00	49.60 1.06 -10.73	46.86 1.11 -7.46	40.27 1.15 -3.07	41.04 1.15 -3.81	37.89 1.14 -3.33	40.38 1.09 -6.11	42.73 1.07 -8.23	46.66 1.04 -11.99	58.98 1.03 -23.45	63.88 1.19 -24.41	73.71 1.26 -32.99	67.42 1.13 -29.69	66.64 1.10 -29.97	60.19 1.06 -24.82	53.76 0.97 -20.32	49.60 0.95 -16.93	44.68 1.09 -6.13
STEUBEN_REC_LFGE 323667	38.44 -2.06 -0.08	36.44 -1.93 -0.46	31.37 -1.57 -1.58	32.96 -1.64 -1.11	35.27 -1.79 -0.61	37.33 -2.04 -0.12	39.09 -2.20 -0.49	37.77 -1.78 -1.73	37.58 -1.91 -1.21	34.42 -2.13 -0.50	34.44 -2.20 -0.57	31.57 -2.14 -0.29	31.87 -2.12 -0.81	32.69 -2.04 -1.29	33.62 -1.95 -1.94	36.38 -1.90 -3.79	40.28 -1.95 -3.94	42.97 -1.81 -5.33	39.63 -1.76 -4.79	38.59 -1.81 -4.84	36.56 -1.75 -4.01	33.99 -1.75 -3.28	32.68 -1.78 -2.74	36.68 -1.84 -1.05
STILLWATER___SOLAR 323814	42.90 2.02 -0.45	42.68 1.97 -2.80	42.39 1.54 -9.50	41.91 1.71 -6.71	41.96 1.86 -3.66	41.96 1.96 -0.75	46.01 2.12 -3.08	50.88 2.04 -11.03	48.02 2.07 -7.67	41.11 1.91 -3.15	41.83 1.87 -3.88	38.38 1.70 -3.26	41.10 1.76 -6.16	43.64 1.77 -8.43	47.83 1.88 -12.32	60.52 1.93 -24.10	65.55 2.18 -25.08	75.69 2.33 -33.90	69.22 2.12 -30.51	68.39 2.03 -30.79	61.76 1.95 -25.50	55.13 1.78 -20.88	50.86 1.74 -17.40	45.75 1.98 -6.30
STONY___BROOK 24151	44.16 3.35 -0.38	43.08 2.88 -2.29	41.38 2.23 -7.79	41.20 2.21 -5.50	41.96 2.51 -3.00	42.84 2.98 -0.61	46.69 3.35 -2.54	50.27 3.40 -9.05	48.14 3.56 -6.29	41.84 3.21 -2.58	43.19 3.21 -3.90	42.41 2.91 -6.09	43.50 2.85 -7.46	43.82 2.94 -7.44	47.52 2.96 -10.93	57.09 2.83 -19.77	70.21 3.29 -28.63	91.22 3.31 -48.45	80.00 3.11 -40.29	71.55 2.99 -32.99	66.46 2.78 -29.38	62.69 2.60 -27.63	54.90 2.57 -20.61	46.92 3.07 -6.38
STURGEON_POOL_HYD 23609	42.62 1.82 -0.38	41.64 1.40 -2.33	40.53 1.25 -7.91	40.32 1.24 -5.59	40.92 1.42 -3.05	41.40 1.53 -0.62	45.21 1.84 -2.57	48.92 1.93 -9.18	46.81 2.14 -6.38	40.55 1.87 -2.62	41.55 1.91 -3.56	39.39 1.67 -4.30	41.12 1.69 -6.25	42.47 1.77 -7.26	45.60 1.72 -10.26	56.31 1.76 -20.06	61.12 1.95 -20.88	69.65 1.97 -28.22	63.86 1.87 -25.40	63.05 1.85 -25.63	57.21 1.68 -21.23	51.50 1.66 -17.38	47.79 1.59 -14.48	44.59 1.87 -5.25
ST_LAW_115_BK7_LBMP 345037	37.07 -3.35 0.00	35.22 -2.69 0.00	28.82 -2.54 0.00	30.81 -2.68 0.00	33.79 -2.66 0.00	36.46 -2.79 0.00	38.40 -2.41 0.00	36.11 -1.70 0.00	37.02 -1.26 0.00	34.97 -1.08 0.00	34.74 -1.33 0.00	31.82 -1.60 0.00	31.42 -1.76 0.00	31.46 -1.97 0.00	31.41 -2.22 0.00	32.04 -2.45 0.00	36.37 -1.91 0.00	37.29 -2.17 0.00	34.33 -2.27 0.00	32.83 -2.74 0.00	31.70 -2.61 0.00	29.54 -2.92 0.00	29.18 -2.54 0.00	34.73 -2.73 0.00

ST_LAW_115_BK8_LBMP 345038	37.07 -3.35 0.00	35.22 -2.69 0.00	28.82 -2.54 0.00	30.81 -2.68 0.00	33.79 -2.66 0.00	36.46 -2.79 0.00	38.40 -2.41 0.00	36.11 -1.70 0.00	37.02 -1.26 0.00	34.97 -1.08 0.00	34.74 -1.33 0.00	31.82 -1.60 0.00	31.42 -1.76 0.00	31.46 -1.97 0.00	31.41 -2.22 0.00	32.04 -2.45 0.00	36.37 -1.91 0.00	37.29 -2.17 0.00	34.33 -2.27 0.00	32.83 -2.74 0.00	31.70 -2.61 0.00	29.54 -2.92 0.00	29.18 -2.54 0.00	34.73 -2.73 0.00
ST_LAW_230_BK5_LBMP 345035	37.11 -3.31 0.00	35.25 -2.65 0.00	28.85 -2.51 0.00	30.85 -2.65 0.00	33.82 -2.62 0.00	36.50 -2.75 0.00	38.40 -2.41 0.00	36.11 -1.70 0.00	37.02 -1.26 0.00	34.97 -1.08 0.00	34.74 -1.33 0.00	31.85 -1.57 0.00	31.45 -1.73 0.00	31.46 -1.97 0.00	31.44 -2.19 0.00	32.07 -2.42 0.00	36.41 -1.88 0.00	37.29 -2.17 0.00	34.33 -2.27 0.00	32.86 -2.70 0.00	31.70 -2.61 0.00	29.57 -2.89 0.00	29.18 -2.54 0.00	34.77 -2.70 0.00
ST_LAW_230_BK6_LBMP 345036	37.11 -3.31 0.00	35.25 -2.65 0.00	28.85 -2.51 0.00	30.85 -2.65 0.00	33.82 -2.62 0.00	36.50 -2.75 0.00	38.40 -2.41 0.00	36.11 -1.70 0.00	37.02 -1.26 0.00	34.97 -1.08 0.00	34.74 -1.33 0.00	31.85 -1.57 0.00	31.45 -1.73 0.00	31.46 -1.97 0.00	31.44 -2.19 0.00	32.07 -2.42 0.00	36.41 -1.88 0.00	37.29 -2.17 0.00	34.33 -2.27 0.00	32.86 -2.70 0.00	31.70 -2.61 0.00	29.57 -2.89 0.00	29.18 -2.54 0.00	34.77 -2.70 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.71 1.94 -0.35	41.69 1.63 -2.16	40.12 1.44 -7.32	40.13 1.47 -5.17	40.87 1.60 -2.82	41.55 1.73 -0.58	45.14 1.96 -2.37	48.31 2.00 -8.49	46.37 2.18 -5.90	40.46 1.98 -2.43	41.95 1.98 -3.89	42.05 1.80 -6.83	42.76 1.79 -7.79	42.43 1.84 -7.16	44.93 1.82 -9.49	54.91 1.86 -18.56	59.67 2.07 -19.31	67.65 2.09 -26.11	62.06 1.98 -23.49	61.20 1.92 -23.71	55.73 1.78 -19.64	50.26 1.72 -16.08	46.77 1.65 -13.40	44.27 1.95 -4.85
SWANROAD_115KV_TB1 355699	37.04 -3.44 -0.05	34.92 -3.30 -0.31	29.70 -2.73 -1.07	31.33 -2.91 -0.75	33.83 -3.03 -0.41	35.80 -3.53 -0.08	37.01 -4.08 -0.28	34.38 -4.42 -1.00	34.54 -4.44 -0.70	31.90 -4.43 -0.29	31.86 -4.55 -0.33	29.71 -3.88 -0.17	29.64 -4.01 -0.47	30.03 -4.15 -0.74	30.57 -4.17 -1.11	32.35 -4.31 -2.17	35.88 -4.67 -2.26	37.86 -4.66 -3.06	34.84 -4.50 -2.75	34.11 -4.23 -2.78	32.42 -4.19 -2.30	30.51 -3.83 -1.88	29.77 -3.52 -1.57	34.88 -3.30 -0.71
SYNERGY___BIOGAS 323694	38.45 -2.02 -0.05	36.34 -1.86 -0.29	30.75 -1.60 -0.99	32.52 -1.67 -0.70	35.19 -1.64 -0.38	37.36 -1.96 -0.08	38.77 -2.32 -0.29	36.33 -2.50 -1.01	36.50 -2.49 -0.70	33.60 -2.74 -0.29	33.55 -2.85 -0.33	31.15 -2.44 -0.17	31.13 -2.52 -0.48	31.58 -2.61 -0.75	32.20 -2.56 -1.13	34.04 -2.66 -2.21	37.94 -2.64 -2.30	40.15 -2.41 -3.11	36.97 -2.42 -2.79	36.22 -2.17 -2.82	34.41 -2.23 -2.34	32.26 -2.11 -1.91	31.44 -1.87 -1.60	36.47 -1.65 -0.66
SYRACUSE___ENERGY_ST1 323597	40.18 -0.28 -0.04	37.90 -0.23 -0.22	31.91 -0.19 -0.74	33.85 -0.17 -0.52	36.48 -0.26 -0.28	39.03 -0.27 -0.06	40.72 -0.33 -0.24	38.33 -0.34 -0.86	38.46 -0.42 -0.60	35.86 -0.43 -0.25	35.96 -0.40 -0.28	33.20 -0.37 -0.14	33.28 -0.30 -0.40	33.84 -0.23 -0.64	34.35 -0.24 -0.96	36.16 -0.21 -1.87	39.93 -0.31 -1.95	41.82 -0.28 -2.64	38.71 -0.26 -2.37	37.71 -0.25 -2.40	36.08 -0.21 -1.98	33.86 -0.23 -1.62	32.82 -0.25 -1.35	37.66 -0.30 -0.49
SYRACUSE___ENERGY_ST2 323598	40.18 -0.28 -0.04	37.90 -0.23 -0.22	31.91 -0.19 -0.74	33.85 -0.17 -0.52	36.48 -0.26 -0.28	39.03 -0.27 -0.06	40.72 -0.33 -0.24	38.33 -0.34 -0.86	38.46 -0.42 -0.60	35.86 -0.43 -0.25	35.96 -0.40 -0.28	33.20 -0.37 -0.14	33.28 -0.30 -0.40	33.84 -0.23 -0.64	34.35 -0.24 -0.96	36.16 -0.21 -1.87	39.93 -0.31 -1.95	41.82 -0.28 -2.64	38.71 -0.26 -2.37	37.71 -0.25 -2.40	36.08 -0.21 -1.98	33.86 -0.23 -1.62	32.82 -0.25 -1.35	37.66 -0.30 -0.49
SYRACUSE___POWER 24017	40.10 -0.36 -0.04	37.79 -0.34 -0.23	31.88 -0.25 -0.77	33.77 -0.27 -0.55	36.42 -0.33 -0.30	38.96 -0.35 -0.06	40.65 -0.41 -0.25	38.29 -0.42 -0.90	38.37 -0.54 -0.63	35.80 -0.50 -0.26	35.90 -0.47 -0.29	33.14 -0.43 -0.15	33.20 -0.40 -0.42	33.74 -0.37 -0.67	34.30 -0.34 -1.01	36.15 -0.31 -1.97	39.95 -0.38 -2.05	41.87 -0.36 -2.77	38.75 -0.33 -2.49	37.76 -0.32 -2.51	36.11 -0.27 -2.08	33.87 -0.29 -1.70	32.82 -0.32 -1.42	37.61 -0.37 -0.51
TALLMAN_138KV_BK151 55660	42.93 2.14 -0.36	41.91 1.78 -2.22	40.45 1.57 -7.53	40.38 1.57 -5.31	41.10 1.75 -2.90	41.72 1.88 -0.59	45.37 2.12 -2.44	48.77 2.23 -8.73	46.77 2.41 -6.07	40.78 2.23 -2.50	42.51 2.24 -4.20	43.42 2.04 -7.96	43.88 2.02 -8.67	43.01 2.07 -7.50	45.40 2.02 -9.76	55.61 2.03 -19.09	60.41 2.26 -19.86	68.59 2.29 -26.85	62.88 2.12 -24.16	62.05 2.10 -24.38	56.42 1.92 -20.20	50.88 1.88 -16.54	47.31 1.81 -13.78	44.56 2.10 -4.99
TEALLAVE_115KV_TB7 355573	39.97 -0.49 -0.03	37.64 -0.45 -0.19	31.66 -0.34 -0.65	33.58 -0.37 -0.46	36.26 -0.44 -0.25	38.83 -0.47 -0.05	40.48 -0.53 -0.21	37.99 -0.57 -0.75	38.12 -0.69 -0.52	35.61 -0.65 -0.21	35.70 -0.61 -0.24	32.98 -0.57 -0.13	33.00 -0.53 -0.35	33.53 -0.47 -0.56	34.03 -0.44 -0.84	35.68 -0.45 -1.64	39.46 -0.54 -1.71	41.21 -0.55 -2.31	38.16 -0.51 -2.07	37.20 -0.46 -2.09	35.59 -0.45 -1.73	33.46 -0.42 -1.42	32.46 -0.44 -1.18	37.41 -0.49 -0.43
TELGRAPH_34_KV_EAST 80808	37.93 -2.55 -0.05	35.78 -2.43 -0.30	30.37 -2.01 -1.02	32.07 -2.14 -0.72	34.65 -2.19 -0.39	36.74 -2.59 -0.08	38.07 -3.02 -0.29	35.57 -3.25 -1.01	35.73 -3.25 -0.70	32.95 -3.39 -0.29	32.94 -3.46 -0.33	30.65 -2.94 -0.17	30.60 -3.05 -0.47	31.01 -3.18 -0.75	31.59 -3.16 -1.13	33.41 -3.28 -2.20	37.17 -3.41 -2.29	39.24 -3.31 -3.09	36.12 -3.26 -2.78	35.39 -2.99 -2.81	33.61 -3.02 -2.33	31.57 -2.79 -1.91	30.77 -2.54 -1.59	35.86 -2.29 -0.67
TEMPLE___115KV_TB 2 55572	39.97 -0.49 -0.03	37.68 -0.42 -0.19	31.67 -0.34 -0.65	33.62 -0.33 -0.46	36.26 -0.44 -0.25	38.83 -0.47 -0.05	40.49 -0.53 -0.21	38.00 -0.57 -0.76	38.16 -0.65 -0.53	35.62 -0.65 -0.22	35.74 -0.58 -0.25	33.01 -0.53 -0.13	33.04 -0.50 -0.36	33.57 -0.43 -0.57	34.04 -0.44 -0.85	35.74 -0.41 -1.66	39.48 -0.54 -1.73	41.28 -0.51 -2.34	38.22 -0.48 -2.10	37.23 -0.46 -2.12	35.65 -0.41 -1.76	33.51 -0.39 -1.44	32.51 -0.41 -1.20	37.41 -0.49 -0.43
TIANA____69_KV_BK 1 55817	44.08 3.27 -0.38	43.01 2.81 -2.29	41.28 2.13 -7.79	41.10 2.11 -5.50	41.86 2.41 -3.00	42.80 2.94 -0.61	46.69 3.35 -2.54	50.26 3.40 -9.05	48.14 3.56 -6.29	41.80 3.17 -2.58	43.04 3.07 -3.90	42.35 2.84 -6.09	43.40 2.75 -7.46	43.69 2.81 -7.44	47.42 2.86 -10.93	56.98 2.72 -19.77	70.13 3.25 -28.59	90.97 3.16 -48.36	79.82 3.00 -40.23	71.37 2.85 -32.95	66.22 2.57 -29.34	62.48 2.43 -27.58	54.68 2.38 -20.58	46.80 2.96 -6.37
TILDEN___115KV_TB1 80814	40.10 -0.36 -0.04	37.79 -0.34 -0.23	31.88 -0.25 -0.77	33.77 -0.27 -0.55	36.42 -0.33 -0.30	38.96 -0.35 -0.06	40.65 -0.41 -0.25	38.29 -0.42 -0.90	38.37 -0.54 -0.63	35.80 -0.50 -0.26	35.90 -0.47 -0.29	33.14 -0.43 -0.15	33.20 -0.40 -0.42	33.74 -0.37 -0.67	34.30 -0.34 -1.01	36.15 -0.31 -1.97	39.95 -0.38 -2.05	41.87 -0.36 -2.77	38.75 -0.33 -2.49	37.76 -0.32 -2.51	36.11 -0.27 -2.08	33.87 -0.29 -1.70	32.82 -0.32 -1.42	37.61 -0.37 -0.51

TRIGEN___CC 323695	43.56 2.75 -0.39	42.55 2.35 -2.29	41.03 1.88 -7.79	40.87 1.88 -5.50	41.56 2.11 -3.00	42.33 2.47 -0.61	46.08 2.73 -2.54	49.67 2.80 -9.06	47.57 2.99 -6.30	41.41 2.78 -2.58	42.76 2.78 -3.91	42.05 2.54 -6.09	43.14 2.49 -7.47	43.43 2.54 -7.45	47.61 2.42 -11.56	56.75 2.48 -19.77	75.65 2.60 -34.76	106.21 2.60 -64.15	90.99 2.49 -51.90	76.86 2.42 -38.87	72.38 2.26 -35.82	70.25 2.17 -35.61	59.31 2.16 -25.43	47.35 2.59 -7.30
TRINITY___115KV___4 BK 55933	41.63 0.77 -0.44	41.62 0.99 -2.73	41.37 0.75 -9.26	40.90 0.87 -6.54	40.96 0.95 -3.57	41.00 1.02 -0.73	44.59 0.78 -3.01	49.28 0.72 -10.75	46.53 0.77 -7.48	39.99 0.87 -3.07	40.76 0.87 -3.82	37.61 0.87 -3.32	40.12 0.83 -6.11	42.45 0.77 -8.24	46.38 0.74 -12.02	58.71 0.72 -23.50	63.55 0.80 -24.46	73.34 0.83 -33.06	67.11 0.77 -29.75	66.34 0.75 -30.03	59.89 0.72 -24.87	53.47 0.65 -20.36	49.35 0.67 -16.97	44.36 0.75 -6.14
UNION___PROCESSING_DRP 323587	38.97 -1.50 -0.04	36.80 -1.36 -0.26	31.04 -1.19 -0.87	32.87 -1.24 -0.61	35.54 -1.24 -0.33	37.86 -1.45 -0.07	39.34 -1.75 -0.29	36.91 -1.93 -1.02	37.08 -1.91 -0.71	34.25 -2.09 -0.29	34.31 -2.09 -0.33	31.82 -1.77 -0.17	31.87 -1.79 -0.48	32.33 -1.87 -0.76	32.92 -1.85 -1.15	34.80 -1.93 -2.24	38.63 -1.99 -2.33	40.71 -1.89 -3.15	37.53 -1.90 -2.84	36.72 -1.71 -2.86	34.96 -1.72 -2.37	32.78 -1.62 -1.94	31.91 -1.43 -1.62	36.77 -1.27 -0.58
UPPER HUDSON___HYD 24058	43.31 2.43 -0.45	43.11 2.39 -2.81	42.69 1.79 -9.54	42.31 2.08 -6.74	42.35 2.22 -3.67	42.39 2.39 -0.75	46.52 2.61 -3.10	51.42 2.53 -11.08	48.55 2.57 -7.70	41.56 2.34 -3.17	42.31 2.34 -3.89	38.69 2.04 -3.23	41.46 2.13 -6.16	44.00 2.11 -8.46	48.26 2.25 -12.38	61.05 2.35 -24.21	66.12 2.64 -25.20	76.40 2.88 -34.06	69.84 2.60 -30.65	69.03 2.53 -30.94	62.33 2.40 -25.62	55.58 2.14 -20.98	51.29 2.09 -17.48	46.19 2.40 -6.33
UPPER RAQUET___HYD 24056	37.56 -2.87 -0.01	35.68 -2.27 -0.05	29.30 -2.23 -0.16	31.26 -2.35 -0.11	34.22 -2.30 -0.06	36.95 -2.32 -0.01	38.94 -1.92 -0.05	36.83 -1.17 -0.19	37.65 -0.77 -0.13	35.42 -0.69 -0.05	35.12 -1.01 -0.06	32.15 -1.30 -0.03	31.81 -1.46 -0.09	31.90 -1.67 -0.14	31.96 -1.88 -0.21	32.87 -2.03 -0.41	37.41 -1.30 -0.43	38.53 -1.50 -0.58	35.54 -1.57 -0.52	34.07 -2.03 -0.52	32.78 -1.95 -0.43	30.48 -2.34 -0.36	29.95 -2.06 -0.30	35.36 -2.21 -0.11
VALLEY44_115KV_TB2 355964	36.85 -3.64 -0.06	34.68 -3.60 -0.38	29.72 -2.92 -1.28	31.24 -3.15 -0.90	33.62 -3.32 -0.49	35.50 -3.85 -0.10	37.20 -3.96 -0.36	35.90 -3.18 -1.26	35.91 -3.25 -0.88	33.24 -3.17 -0.36	33.13 -3.35 -0.41	30.49 -3.14 -0.22	30.59 -3.19 -0.59	31.27 -3.11 -0.94	31.98 -3.06 -1.41	34.11 -3.14 -2.76	37.86 -3.29 -2.87	40.18 -3.16 -3.88	37.05 -3.04 -3.49	36.07 -3.02 -3.52	34.27 -2.95 -2.92	31.93 -2.92 -2.39	30.73 -2.98 -1.99	34.60 -3.71 -0.85
VALLEY___115KV_TB 1-4 80826	40.87 0.44 0.00	38.32 0.42 0.00	31.64 0.28 0.00	33.83 0.33 0.00	36.81 0.36 0.00	39.72 0.47 0.00	41.30 0.49 0.00	38.34 0.53 0.00	38.82 0.54 0.00	36.59 0.54 0.00	36.58 0.51 0.00	33.85 0.43 0.00	33.64 0.46 0.00	33.90 0.47 0.00	34.10 0.47 0.00	35.04 0.55 0.00	38.90 0.61 0.00	40.09 0.63 0.00	37.14 0.55 0.00	36.07 0.50 0.00	34.75 0.45 0.00	32.88 0.42 0.00	32.10 0.38 0.00	37.95 0.49 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.48 1.90 -0.15	40.51 1.67 -0.94	35.86 1.32 -3.18	37.18 1.44 -2.25	39.28 1.60 -1.23	41.30 1.81 -0.25	43.71 1.88 -1.03	43.53 2.04 -3.68	42.95 2.11 -2.56	39.15 2.05 -1.05	39.05 1.95 -1.03	34.99 1.77 0.20	36.15 1.82 -1.15	37.89 1.84 -2.61	39.65 1.92 -4.11	44.59 2.07 -8.03	49.06 2.41 -8.36	53.28 2.53 -11.30	49.11 2.34 -10.17	48.08 2.24 -10.27	44.83 2.02 -8.50	41.37 1.95 -6.96	39.26 1.74 -5.80	41.60 2.02 -2.11
VISCHER___FERRY HYD 24020	42.49 1.62 -0.45	42.22 1.55 -2.76	41.98 1.26 -9.37	41.48 1.37 -6.61	41.52 1.46 -3.61	41.56 1.57 -0.74	45.48 1.63 -3.04	50.24 1.55 -10.88	47.45 1.61 -7.56	40.67 1.51 -3.11	41.44 1.51 -3.86	38.16 1.40 -3.33	40.73 1.39 -6.16	43.17 1.40 -8.33	47.23 1.45 -12.15	59.74 1.48 -23.77	64.71 1.68 -24.74	74.63 1.73 -33.44	68.29 1.61 -30.09	67.47 1.53 -30.37	60.93 1.47 -25.15	54.45 1.39 -20.60	50.24 1.36 -17.16	45.21 1.54 -6.21
V_A_10_SYNC_DSASP 323832	38.17 -2.30 -0.05	35.99 -2.20 -0.28	30.50 -1.82 -0.95	32.22 -1.94 -0.67	34.81 -2.00 -0.37	36.97 -2.35 -0.08	38.29 -2.86 -0.34	35.87 -3.18 -1.23	35.93 -3.22 -0.86	33.05 -3.35 -0.35	33.08 -3.39 -0.40	30.78 -2.84 -0.20	30.84 -2.92 -0.58	31.28 -3.08 -0.92	31.95 -3.06 -1.38	34.02 -3.17 -2.70	37.65 -3.45 -2.81	39.82 -3.43 -3.80	36.68 -3.33 -3.42	35.93 -3.09 -3.45	34.11 -3.05 -2.86	32.04 -2.76 -2.34	31.16 -2.51 -1.95	35.89 -2.21 -0.63
V_CMM_10_SYNC_DSASP 323787	37.23 -3.19 0.00	35.40 -2.50 0.00	28.98 -2.38 0.00	30.95 -2.55 0.00	33.93 -2.51 0.00	36.66 -2.59 0.00	38.56 -2.24 0.00	36.30 -1.51 0.00	37.21 -1.07 0.00	35.15 -0.90 0.00	34.92 -1.16 0.00	31.98 -1.44 0.00	31.59 -1.59 0.00	31.63 -1.81 0.00	31.58 -2.05 0.00	32.18 -2.31 0.00	36.60 -1.68 0.00	37.48 -1.97 0.00	34.47 -2.12 0.00	33.01 -2.56 0.00	31.87 -2.43 0.00	29.70 -2.76 0.00	29.34 -2.38 0.00	34.92 -2.55 0.00
V_CMP_10_SYNC_DSASP 323788	37.23 -3.19 0.00	35.40 -2.50 0.00	28.95 -2.41 0.00	30.98 -2.51 0.00	34.01 -2.44 0.00	36.85 -2.40 0.00	38.89 -1.92 0.00	36.68 -1.13 0.00	37.67 -0.61 0.00	35.47 -0.58 0.00	35.17 -0.90 0.00	32.18 -1.24 0.00	31.79 -1.39 0.00	31.83 -1.60 0.00	31.81 -1.82 0.00	32.56 -1.93 0.00	37.14 -1.15 0.00	37.96 -1.50 0.00	34.84 -1.76 0.00	33.19 -2.38 0.00	32.01 -2.30 0.00	29.76 -2.69 0.00	29.37 -2.35 0.00	34.96 -2.51 0.00
V_D_10_SYNC_DSASP 323841	37.48 -2.95 -0.01	35.63 -2.31 -0.04	29.25 -2.23 -0.12	31.20 -2.38 -0.08	34.16 -2.33 -0.05	36.86 -2.40 -0.01	38.85 -2.00 -0.04	36.66 -1.29 -0.14	37.54 -0.84 -0.10	35.40 -0.69 -0.04	35.15 -0.97 -0.05	32.17 -1.27 -0.02	31.82 -1.43 -0.06	31.90 -1.64 -0.10	31.90 -1.88 -0.16	32.69 -2.11 -0.30	37.15 -1.45 -0.32	38.15 -1.74 -0.43	35.15 -1.83 -0.38	33.64 -2.31 -0.39	32.43 -2.20 -0.32	30.16 -2.56 -0.26	29.75 -2.19 -0.22	35.22 -2.32 -0.08
V_E_10_SYNC_DSASP 323830	43.16 2.63 -0.11	40.97 2.39 -0.67	35.43 1.79 -2.28	37.15 2.04 -1.61	39.55 2.22 -0.88	42.02 2.59 -0.18	44.23 2.69 -0.73	43.53 3.10 -2.62	42.94 2.83 -1.82	39.36 2.56 -0.75	39.14 2.34 -0.73	35.33 2.07 0.16	36.17 2.19 -0.80	37.53 2.24 -1.86	39.04 2.49 -2.93	43.08 2.86 -5.72	47.88 3.64 -5.96	51.49 3.98 -8.05	47.53 3.69 -7.25	46.37 3.49 -7.31	43.41 3.05 -6.06	40.31 2.89 -4.96	38.29 2.44 -4.13	41.83 2.85 -1.51
V_F_30_NSYNC___DSASP 323816	42.94 2.06 -0.45	42.72 2.01 -2.80	42.41 1.54 -9.52	41.95 1.74 -6.72	41.97 1.86 -3.67	42.00 2.00 -0.75	46.06 2.16 -3.09	50.90 2.04 -11.05	48.03 2.07 -7.68	41.12 1.91 -3.16	41.87 1.91 -3.89	38.40 1.74 -3.25	41.13 1.79 -6.16	43.68 1.80 -8.44	47.89 1.92 -12.35	60.61 1.96 -24.15	65.64 2.22 -25.13	75.80 2.37 -33.97	69.29 2.12 -30.57	68.49 2.06 -30.86	61.85 1.99 -25.56	55.20 1.82 -20.93	50.90 1.74 -17.44	45.76 1.98 -6.31

V_F_30_SYNC_DSASP 323786	41.76 0.89 -0.44	41.72 1.06 -2.75	41.53 0.85 -9.33	41.05 0.97 -6.59	41.06 1.02 -3.59	41.08 1.10 -0.73	44.69 0.86 -3.03	49.44 0.79 -10.83	46.66 0.84 -7.53	40.08 0.94 -3.09	40.88 0.97 -3.84	37.69 0.97 -3.31	40.23 0.93 -6.12	42.63 0.90 -8.29	46.60 0.87 -12.10	59.02 0.86 -23.67	63.88 0.96 -24.63	73.74 0.99 -33.30	67.44 0.88 -29.96	66.67 0.85 -30.24	60.18 0.82 -25.05	53.72 0.75 -20.51	49.57 0.76 -17.09	44.48 0.82 -6.19
V_XM_10_SYNC_DSASP 323789	37.23 -3.19 0.00	35.40 -2.50 0.00	28.95 -2.41 0.00	30.98 -2.51 0.00	34.01 -2.44 0.00	36.85 -2.40 0.00	38.89 -1.92 0.00	36.68 -1.13 0.00	37.67 -0.61 0.00	35.47 -0.58 0.00	35.17 -0.90 0.00	32.18 -1.24 0.00	31.79 -1.39 0.00	31.83 -1.60 0.00	31.81 -1.82 0.00	32.56 -1.93 0.00	37.14 -1.15 0.00	37.96 -1.50 0.00	34.84 -1.76 0.00	33.19 -2.38 0.00	32.01 -2.30 0.00	29.76 -2.69 0.00	29.37 -2.35 0.00	34.96 -2.51 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.05 2.26 -0.36	42.03 1.90 -2.23	40.56 1.63 -7.56	40.51 1.67 -5.34	41.22 1.86 -2.91	41.85 2.00 -0.60	45.50 2.24 -2.45	48.90 2.31 -8.78	46.88 2.49 -6.10	40.86 2.31 -2.51	42.49 2.31 -4.11	42.99 2.11 -7.46	43.64 2.12 -8.34	43.07 2.17 -7.46	45.52 2.08 -9.81	55.81 2.14 -19.18	60.63 2.37 -19.96	68.85 2.41 -26.99	63.11 2.23 -24.29	62.29 2.21 -24.51	56.63 2.02 -20.30	51.06 1.98 -16.62	47.47 1.90 -13.85	44.69 2.21 -5.02
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.26 2.47 -0.37	42.29 2.08 -2.29	40.97 1.82 -7.79	40.83 1.84 -5.50	41.45 2.00 -3.00	42.02 2.16 -0.61	45.78 2.45 -2.53	49.38 2.53 -9.04	47.32 2.76 -6.28	41.26 2.63 -2.58	42.64 2.67 -3.90	41.98 2.47 -6.09	43.10 2.46 -7.46	43.38 2.51 -7.43	46.08 2.35 -10.10	56.62 2.38 -19.75	61.45 2.60 -20.56	69.85 2.60 -27.79	64.05 2.45 -25.00	63.22 2.42 -25.24	57.44 2.23 -20.90	51.75 2.17 -17.12	48.11 2.13 -14.26	45.14 2.51 -5.16
W50THST__13_KV_LOAD 356117	43.42 2.63 -0.37	42.44 2.24 -2.29	41.09 1.94 -7.79	40.97 1.98 -5.50	41.60 2.15 -3.00	42.18 2.32 -0.61	45.94 2.61 -2.53	49.57 2.72 -9.04	47.52 2.95 -6.28	41.41 2.78 -2.58	42.82 2.85 -3.90	42.12 2.61 -6.09	43.23 2.59 -7.46	43.51 2.64 -7.43	46.25 2.52 -10.10	56.80 2.55 -19.75	61.64 2.79 -20.56	70.04 2.80 -27.79	64.23 2.63 -25.00	63.37 2.56 -25.24	57.57 2.37 -20.90	51.88 2.30 -17.12	48.23 2.25 -14.26	45.33 2.70 -5.16
WADING RIVER_IC_1 23522	43.92 3.11 -0.38	42.86 2.65 -2.29	41.16 2.01 -7.79	40.93 1.94 -5.50	41.71 2.26 -3.00	42.61 2.75 -0.61	46.48 3.14 -2.54	50.07 3.21 -9.05	47.95 3.37 -6.29	41.59 2.96 -2.58	42.90 2.92 -3.90	42.14 2.64 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.25 2.69 -10.93	56.81 2.55 -19.77	69.98 3.10 -28.59	90.69 2.88 -48.35	79.56 2.75 -40.22	71.11 2.60 -32.95	66.01 2.37 -29.34	62.28 2.24 -27.58	54.49 2.19 -20.58	46.54 2.70 -6.37
WADING RIVER_IC_2 23547	43.92 3.11 -0.38	42.86 2.65 -2.29	41.16 2.01 -7.79	40.93 1.94 -5.50	41.71 2.26 -3.00	42.61 2.75 -0.61	46.48 3.14 -2.54	50.07 3.21 -9.05	47.95 3.37 -6.29	41.59 2.96 -2.58	42.90 2.92 -3.90	42.14 2.64 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.25 2.69 -10.93	56.81 2.55 -19.77	69.98 3.10 -28.59	90.69 2.88 -48.35	79.56 2.75 -40.22	71.11 2.60 -32.95	66.01 2.37 -29.34	62.28 2.24 -27.58	54.49 2.19 -20.58	46.54 2.70 -6.37
WADING RIVER_IC_3 23601	43.92 3.11 -0.38	42.86 2.65 -2.29	41.16 2.01 -7.79	40.93 1.94 -5.50	41.71 2.26 -3.00	42.61 2.75 -0.61	46.48 3.14 -2.54	50.07 3.21 -9.05	47.95 3.37 -6.29	41.59 2.96 -2.58	42.90 2.92 -3.90	42.14 2.64 -6.09	43.23 2.59 -7.46	43.55 2.68 -7.44	47.25 2.69 -10.93	56.81 2.55 -19.77	69.98 3.10 -28.59	90.69 2.88 -48.35	79.56 2.75 -40.22	71.11 2.60 -32.95	66.01 2.37 -29.34	62.28 2.24 -27.58	54.49 2.19 -20.58	46.54 2.70 -6.37
WALDENNY_12_KV_BK2 80841	37.77 -2.71 -0.05	35.59 -2.65 -0.34	30.34 -2.16 -1.14	31.99 -2.31 -0.81	34.48 -2.41 -0.44	36.47 -2.87 -0.09	37.81 -3.31 -0.31	35.56 -3.33 -1.08	35.67 -3.37 -0.75	32.94 -3.42 -0.31	32.96 -3.46 -0.36	30.56 -3.04 -0.18	30.60 -3.09 -0.51	31.10 -3.14 -0.81	31.67 -3.16 -1.21	33.57 -3.28 -2.35	37.25 -3.48 -2.45	39.41 -3.35 -3.31	36.28 -3.29 -2.98	35.41 -3.17 -3.01	33.67 -3.12 -2.49	31.58 -2.92 -2.04	30.69 -2.73 -1.70	35.64 -2.59 -0.76
WALDEN__HYDRO 24148	42.97 2.18 -0.36	41.97 1.82 -2.24	40.57 1.60 -7.60	40.47 1.61 -5.37	41.20 1.82 -2.93	41.81 1.96 -0.60	45.48 2.20 -2.47	48.87 2.23 -8.83	46.83 2.41 -6.14	40.70 2.13 -2.52	42.18 2.13 -3.98	42.08 1.90 -6.76	42.96 1.92 -7.86	42.79 1.97 -7.39	45.44 1.95 -9.86	55.81 2.03 -19.29	60.66 2.30 -20.07	68.92 2.33 -27.13	63.20 2.20 -24.42	62.38 2.17 -24.64	56.70 1.99 -20.41	51.09 1.92 -16.71	47.52 1.87 -13.92	44.68 2.17 -5.04
WARRENSBURG____ 23737	43.31 2.43 -0.45	43.11 2.39 -2.81	42.69 1.79 -9.54	42.31 2.08 -6.74	42.35 2.22 -3.67	42.39 2.39 -0.75	46.52 2.61 -3.10	51.42 2.53 -11.08	48.55 2.57 -7.70	41.56 2.34 -3.17	42.31 2.34 -3.89	38.69 2.04 -3.23	41.46 2.13 -6.16	44.00 2.11 -8.46	48.26 2.25 -12.38	61.05 2.35 -24.21	66.12 2.64 -25.20	76.40 2.88 -34.06	69.84 2.60 -30.65	69.03 2.53 -30.94	62.33 2.40 -25.62	55.58 2.14 -20.98	51.29 2.09 -17.48	46.19 2.40 -6.33
WATERSIDE____6 8 9 23538	43.34 2.55 -0.37	42.32 2.12 -2.29	40.97 1.82 -7.79	40.87 1.88 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.94 2.44 -6.08	43.06 2.42 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.45 2.21 -19.76	61.22 2.37 -20.56	69.61 2.37 -27.79	63.83 2.23 -25.01	63.05 2.24 -25.24	57.23 2.02 -20.90	51.62 2.04 -17.12	48.01 2.03 -14.26	45.14 2.51 -5.17
WATKINRD_115KV_LN8_ILLION 55919	40.83 0.40 0.00	38.29 0.38 0.00	31.61 0.25 0.00	33.79 0.30 0.00	36.78 0.33 0.00	39.64 0.39 0.00	41.21 0.41 0.00	38.23 0.42 0.00	38.74 0.46 0.00	36.48 0.43 0.00	36.47 0.40 0.00	33.79 0.37 0.00	33.55 0.36 0.00	33.80 0.37 0.00	34.03 0.40 0.00	34.90 0.41 0.00	38.79 0.50 0.00	39.97 0.51 0.00	37.07 0.48 0.00	36.00 0.43 0.00	34.68 0.38 0.00	32.82 0.36 0.00	32.07 0.35 0.00	37.88 0.41 0.00
WATSON__69_KV_BK 1 55734	44.32 3.52 -0.38	43.27 3.07 -2.29	41.50 2.35 -7.79	41.34 2.34 -5.50	42.11 2.66 -3.00	43.04 3.18 -0.61	46.89 3.55 -2.54	50.42 3.55 -9.05	48.29 3.71 -6.29	41.98 3.35 -2.58	43.33 3.35 -3.90	42.58 3.07 -6.09	43.66 3.02 -7.46	43.96 3.08 -7.44	47.68 3.09 -10.96	57.26 3.00 -19.77	70.67 3.52 -28.86	92.04 3.55 -49.03	80.69 3.37 -40.72	72.01 3.24 -33.21	66.91 2.98 -29.62	63.21 2.82 -27.93	55.27 2.76 -20.79	47.21 3.33 -6.41
WDELAWARE__HYD 323627	42.89 2.14 -0.33	41.71 1.78 -2.02	39.76 1.54 -6.87	39.92 1.57 -4.85	40.88 1.79 -2.64	41.75 1.96 -0.54	45.24 2.20 -2.23	48.01 2.23 -7.97	46.24 2.41 -5.54	40.34 2.02 -2.28	40.79 1.98 -2.73	37.16 1.74 -2.01	39.11 1.72 -4.21	41.28 1.80 -6.04	44.38 1.85 -8.90	53.90 2.00 -17.41	58.74 2.34 -18.12	66.36 2.41 -24.49	60.94 2.31 -22.04	60.06 2.24 -22.25	54.79 2.06 -18.43	49.56 2.01 -15.09	46.19 1.90 -12.57	44.23 2.21 -4.55

WEST BABYLON___IC 23714	44.20 3.40 -0.38	43.16 2.96 -2.29	41.44 2.29 -7.79	41.27 2.28 -5.50	42.04 2.59 -3.00	42.92 3.06 -0.61	46.73 3.39 -2.54	50.26 3.40 -9.05	48.14 3.56 -6.29	41.88 3.24 -2.58	43.26 3.28 -3.91	42.51 3.01 -6.09	43.56 2.92 -7.46	43.89 3.01 -7.44	47.64 2.99 -11.02	57.23 2.97 -19.77	71.08 3.37 -29.42	93.38 3.43 -50.49	81.62 3.22 -41.80	72.45 3.13 -33.75	67.44 2.92 -30.22	63.89 2.76 -28.67	55.65 2.70 -21.24	47.23 3.26 -6.50
WEST CANADA___HYD 24049	40.47 0.04 0.00	37.95 0.04 0.00	31.36 0.00 0.00	33.49 0.00 0.00	36.49 0.04 0.00	39.29 0.04 0.00	40.85 0.04 0.00	37.89 0.08 0.00	38.36 0.08 0.00	36.16 0.11 0.00	36.14 0.07 0.00	33.49 0.07 0.00	33.25 0.07 0.00	33.47 0.03 0.00	33.66 0.03 0.00	34.52 0.03 0.00	38.36 0.08 0.00	39.53 0.08 0.00	36.63 0.04 0.00	35.60 0.04 0.00	34.34 0.03 0.00	32.49 0.03 0.00	31.75 0.03 0.00	37.50 0.04 0.00
WESTERN_NY_WIND 24143	38.41 -2.06 -0.05	36.31 -1.90 -0.29	30.73 -1.63 -1.00	32.46 -1.74 -0.71	35.12 -1.71 -0.39	37.29 -2.04 -0.08	38.68 -2.41 -0.29	36.25 -2.57 -1.01	36.42 -2.57 -0.70	33.53 -2.81 -0.29	33.48 -2.92 -0.33	31.08 -2.51 -0.17	31.07 -2.59 -0.47	31.51 -2.67 -0.75	32.13 -2.62 -1.13	33.97 -2.72 -2.21	37.86 -2.72 -2.29	40.07 -2.49 -3.10	36.86 -2.52 -2.79	36.14 -2.24 -2.82	34.31 -2.33 -2.33	32.16 -2.21 -1.91	31.35 -1.97 -1.59	36.44 -1.69 -0.66
WESTOVER___LESR 323668	40.58 0.04 -0.11	38.61 0.00 -0.70	33.78 0.03 -2.38	35.21 0.03 -1.68	37.37 0.00 -0.92	39.40 -0.04 -0.19	41.53 -0.04 -0.76	40.65 0.11 -2.72	40.26 0.08 -1.89	36.83 0.00 -0.78	36.79 -0.04 -0.75	33.17 -0.07 0.18	33.97 -0.03 -0.82	35.37 0.00 -1.93	36.71 0.03 -3.04	40.51 0.07 -5.95	44.60 0.11 -6.19	48.03 0.20 -8.37	44.28 0.15 -7.53	43.28 0.11 -7.61	40.71 0.10 -6.30	37.71 0.10 -5.16	36.05 0.03 -4.30	39.08 0.04 -1.58
WETHRSFD_WT_PWR 323626	37.70 -2.79 -0.06	35.61 -2.69 -0.39	30.49 -2.20 -1.32	32.08 -2.35 -0.93	34.48 -2.48 -0.51	36.49 -2.86 -0.10	37.96 -3.22 -0.38	36.05 -3.10 -1.34	36.04 -3.18 -0.93	33.15 -3.28 -0.39	33.12 -3.39 -0.44	30.57 -3.07 -0.23	30.69 -3.12 -0.63	31.29 -3.14 -1.00	31.99 -3.13 -1.49	34.23 -3.17 -2.92	37.95 -3.37 -3.03	40.24 -3.31 -4.10	37.10 -3.18 -3.69	36.23 -3.06 -3.72	34.41 -2.98 -3.09	32.16 -2.82 -2.53	31.16 -2.66 -2.11	35.68 -2.66 -0.88
WHAVSTOR_138KV_BK127 55557	42.89 2.10 -0.36	41.88 1.74 -2.23	40.47 1.54 -7.57	40.41 1.57 -5.35	41.08 1.71 -2.92	41.69 1.84 -0.60	45.38 2.12 -2.46	48.79 2.19 -8.79	46.77 2.37 -6.11	40.76 2.20 -2.51	42.37 2.20 -4.10	42.85 2.04 -7.40	43.50 2.02 -8.29	42.96 2.07 -7.46	45.43 1.98 -9.82	55.70 2.00 -19.20	60.49 2.22 -19.99	68.72 2.25 -27.02	62.99 2.09 -24.31	62.17 2.06 -24.54	56.51 1.89 -20.32	50.95 1.85 -16.64	47.36 1.78 -13.87	44.59 2.10 -5.02
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.89 2.10 -0.36	41.88 1.74 -2.23	40.47 1.54 -7.57	40.41 1.57 -5.35	41.08 1.71 -2.92	41.69 1.84 -0.60	45.38 2.12 -2.46	48.79 2.19 -8.79	46.77 2.37 -6.11	40.76 2.20 -2.51	42.37 2.20 -4.10	42.85 2.04 -7.40	43.50 2.02 -8.29	42.96 2.07 -7.46	45.43 1.98 -9.82	55.70 2.00 -19.20	60.49 2.22 -19.99	68.72 2.25 -27.02	62.99 2.09 -24.31	62.17 2.06 -24.54	56.51 1.89 -20.32	50.95 1.85 -16.64	47.36 1.78 -13.87	44.59 2.10 -5.02
WHITEHAL_115KV_TB1 80871	44.03 3.15 -0.45	43.90 3.18 -2.81	43.24 2.35 -9.53	42.93 2.71 -6.73	43.04 2.92 -3.67	43.10 3.10 -0.75	47.33 3.43 -3.09	52.17 3.29 -11.07	49.27 3.29 -7.69	42.24 3.03 -3.16	42.96 2.99 -3.89	39.26 2.61 -3.24	42.06 2.72 -6.16	44.63 2.74 -8.45	48.92 2.93 -12.37	61.71 3.04 -24.19	66.94 3.48 -25.17	77.35 3.87 -34.02	70.72 3.51 -30.62	69.89 3.41 -30.90	63.12 3.22 -25.59	56.31 2.89 -20.96	51.91 2.73 -17.46	46.93 3.15 -6.32
WHITEPLN_13_KV_LOAD 356215	43.42 2.63 -0.37	42.43 2.24 -2.29	41.05 1.91 -7.78	40.96 1.98 -5.49	41.59 2.15 -2.99	42.18 2.32 -0.61	45.94 2.61 -2.52	49.48 2.65 -9.02	47.47 2.91 -6.27	41.33 2.70 -2.58	42.69 2.71 -3.91	42.10 2.51 -6.17	43.18 2.49 -7.52	43.41 2.54 -7.44	46.17 2.45 -10.08	56.73 2.52 -19.72	61.60 2.79 -20.52	70.04 2.84 -27.74	64.23 2.67 -24.96	63.36 2.60 -25.20	57.57 2.40 -20.87	51.85 2.30 -17.09	48.15 2.19 -14.24	45.21 2.59 -5.16
WM_FLOYD_69_KV_BK2 356380	44.00 3.19 -0.38	42.93 2.73 -2.29	41.25 2.10 -7.79	41.04 2.04 -5.50	41.82 2.37 -3.00	42.73 2.87 -0.61	46.57 3.22 -2.54	50.15 3.29 -9.05	48.02 3.45 -6.29	41.66 3.03 -2.58	42.97 2.99 -3.90	42.25 2.74 -6.09	43.30 2.65 -7.46	43.62 2.74 -7.44	47.32 2.76 -10.93	56.88 2.62 -19.77	70.03 3.14 -28.61	90.93 3.08 -48.40	79.77 2.93 -40.25	71.31 2.77 -32.97	66.20 2.54 -29.36	62.46 2.40 -27.60	54.66 2.35 -20.59	46.73 2.88 -6.38
WOODARD___115KV_TB2 355635	39.93 -0.53 -0.03	37.61 -0.49 -0.19	31.64 -0.38 -0.66	33.55 -0.40 -0.46	36.23 -0.47 -0.25	38.79 -0.51 -0.05	40.45 -0.57 -0.21	37.93 -0.64 -0.76	38.09 -0.73 -0.53	35.58 -0.68 -0.22	35.67 -0.65 -0.25	32.95 -0.60 -0.13	32.97 -0.56 -0.36	33.50 -0.50 -0.57	33.98 -0.50 -0.85	35.68 -0.48 -1.67	39.41 -0.61 -1.74	41.21 -0.59 -2.35	38.16 -0.55 -2.11	37.17 -0.53 -2.13	35.59 -0.48 -1.77	33.45 -0.45 -1.45	32.45 -0.48 -1.20	37.34 -0.56 -0.44
YORK___WARBASSE 23770	43.42 2.63 -0.37	42.40 2.20 -2.29	41.03 1.88 -7.79	40.90 1.91 -5.50	41.49 2.04 -3.00	41.94 2.08 -0.61	45.70 2.37 -2.53	49.31 2.46 -9.04	47.25 2.68 -6.28	41.19 2.56 -2.58	42.60 2.63 -3.90	41.91 2.41 -6.08	43.03 2.39 -7.46	43.34 2.47 -7.43	45.98 2.25 -10.10	56.52 2.28 -19.76	61.30 2.45 -20.56	69.73 2.49 -27.79	63.94 2.34 -25.01	63.16 2.35 -25.24	57.30 2.09 -20.90	51.69 2.11 -17.12	48.08 2.09 -14.26	45.26 2.62 -5.17