

# Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										11/26/2024		
Name	PTID	00:00 EST	01:00 EST	02:00 EST	03:00 EST	04:00 EST	05:00 EST	06:00 EST	07:00 EST	08:00 EST	09:00 EST	10:00 EST	11:00 EST	12:00 EST	13:00 EST	14:00 EST	15:00 EST	16:00 EST	17:00 EST	18:00 EST	19:00 EST	20:00 EST	21:00 EST	22:00 EST	23:00 EST				
59TH STREET_GT_1	24138	32.73	32.28	31.63	31.39	32.26	34.32	40.38	48.16	46.62	40.88	41.17	37.96	37.53	37.19	38.03	45.95	49.01	59.42	52.92	46.74	39.58	36.22	35.01	33.12				
		1.88	1.51	1.40	1.36	1.43	1.80	2.78	3.03	3.02	2.72	2.61	2.50	2.50	2.50	2.56	2.64	3.22	3.14	3.60	2.94	2.70	2.40	2.13	1.78				
		-4.01	-8.27	-8.71	-8.72	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.92	-7.50	-2.33	-2.23	-4.03	-5.19				
74TH STREET_GT_1	24260	32.81	32.38	31.72	31.45	32.33	34.37	40.42	48.20	46.65	40.95	41.20	37.99	37.56	37.25	38.09	46.01	49.09	59.45	52.87	46.81	39.68	36.62	35.54	33.77				
		1.96	1.60	1.49	1.43	1.50	1.85	2.82	3.06	3.05	2.78	2.64	2.53	2.53	2.56	2.62	2.70	3.29	3.18	3.55	3.01	2.80	2.56	2.22	1.86				
		-4.01	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.47	-4.48	-5.77				
74TH STREET_GT_2	24261	32.81	32.38	31.72	31.45	32.33	34.37	40.42	48.20	46.65	40.95	41.20	37.99	37.56	37.25	38.09	46.01	49.09	59.45	52.87	46.81	39.68	36.62	35.54	33.77				
		1.96	1.60	1.49	1.43	1.50	1.85	2.82	3.06	3.05	2.78	2.64	2.53	2.53	2.56	2.62	2.70	3.29	3.18	3.55	3.01	2.80	2.56	2.22	1.86				
		-4.01	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.47	-4.48	-5.77				
ADK HUDSON___FALLS	24011	32.65	33.04	32.50	32.31	33.22	34.77	39.83	48.33	46.83	40.85	41.50	38.10	37.59	37.09	37.69	46.62	48.86	61.04	48.03	42.36	38.99	35.77	35.26	34.37				
		1.18	0.99	0.93	0.94	1.04	1.29	1.92	2.21	2.17	1.78	1.67	1.61	1.54	1.46	1.34	1.35	1.76	1.83	2.13	1.60	1.59	1.33	1.24	1.57				
		-4.63	-9.54	-10.06	-10.07	-10.15	-7.07	-2.26	-7.33	-7.87	-6.74	-9.43	-7.72	-7.61	-6.90	-6.58	-14.56	-9.72	-21.81	-1.50	-4.45	-2.85	-2.86	-5.17	-6.66				
ADK RESOURCE___RCVRY	23798	32.74	33.12	32.57	32.38	33.27	34.87	40.01	48.49	47.02	41.01	41.62	38.19	37.68	37.17	37.78	46.72	48.98	61.20	48.29	42.50	39.06	35.74	35.11	34.18				
		1.26	1.06	0.99	1.00	1.08	1.40	2.10	2.37	2.36	1.94	1.79	1.70	1.62	1.55	1.43	1.44	1.87	1.98	2.40	1.74	1.66	1.42	1.33	1.67				
		-4.63	-9.55	-10.06	-10.08	-10.15	-7.07	-2.26	-7.34	-7.88	-6.74	-9.44	-7.72	-7.62	-6.90	-6.58	-14.57	-9.72	-21.82	-1.49	-4.45	-2.85	-2.73	-4.94	-6.35				
ADK S GLENS___FALLS	24028	32.65	33.04	32.50	32.31	33.22	34.77	39.83	48.33	46.83	40.85	41.50	38.10	37.59	37.09	37.69	46.62	48.86	61.04	48.03	42.36	38.99	35.77	35.26	34.37				
		1.18	0.99	0.93	0.94	1.04	1.29	1.92	2.21	2.17	1.78	1.67	1.61	1.54	1.46	1.34	1.35	1.76	1.83	2.13	1.60	1.59	1.33	1.24	1.57				
		-4.63	-9.54	-10.06	-10.07	-10.15	-7.07	-2.26	-7.33	-7.87	-6.74	-9.43	-7.72	-7.61	-6.90	-6.58	-14.56	-9.72	-21.81	-1.50	-4.45	-2.85	-2.86	-5.17	-6.66				
ADK_NYS___DAM	23527	32.97	33.16	32.55	32.33	33.14	34.88	40.20	48.49	46.88	41.10	41.65	38.25	37.79	37.37	38.18	46.92	49.36	61.19	49.15	43.33	39.53	36.19	35.35	33.87				
		1.61	1.35	1.23	1.21	1.21	1.58	2.35	2.56	2.43	2.20	2.07	1.96	1.93	1.92	2.00	2.03	2.51	2.54	2.93	2.33	2.21	1.96	1.73	1.57				
		-4.51	-9.30	-9.80	-9.81	-9.89	-6.89	-2.20	-7.15	-7.67	-6.57	-9.19	-7.52	-7.42	-6.72	-6.41	-14.19	-9.47	-21.25	-1.82	-4.70	-2.76	-2.64	-4.78	-6.15				
AIR_PRODUCTS___DRP	24190	31.71	32.09	31.61	31.40	32.20	33.67	38.31	46.44	44.87	39.26	39.93	36.62	36.18	35.86	36.67	45.37	47.47	59.28	46.66	41.29	37.80	34.82	34.24	32.90				
		0.35	0.27	0.28	0.28	0.26	0.37	0.46	0.50	0.40	0.36	0.33	0.32	0.31	0.40	0.48	0.46	0.60	0.60	0.62	0.47	0.48	0.44	0.35	0.26				
		-4.52	-9.31	-9.81	-9.82	-9.90	-6.89	-2.20	-7.16	-7.68	-6.58	-9.20	-7.53	-7.43	-6.73	-6.42	-14.21	-9.48	-21.28	-1.63	-4.51	-2.77	-2.79	-5.05	-6.49				
AKWESSNE_115KV_BK	355683	26.14	22.02	20.76	20.63	20.95	25.10	34.29	36.73	34.45	29.92	20.47	5.64	3.61	2.64	2.62	2.65	2.81	3.44	2.88	2.43	3.48	3.50	2.49	2.50				
		-0.78	-0.65	-0.93	-0.83	-1.26	-1.43	-1.39	-2.17	-2.46	-2.52	-2.43	-2.27	-2.25	-2.27	-2.38	-2.46	-3.18	-3.25	-3.95	-3.16	-2.97	-2.78	-2.60	-2.35				
		-0.08	-0.16	-0.17	-0.17	-0.17	-0.12	-0.04	-0.12	-0.13	-0.11	7.49	20.86	22.58	23.81	24.77	25.60	31.39	30.71	37.57	30.72	28.10	25.31	23.76	21.29				
ALBANY_1_SOLAR	323833	32.08	32.35	31.85	31.63	32.47	34.00	38.89	47.01	45.39	39.60	40.18	36.84	36.34	36.03	36.88	45.56	47.83	59.56	47.53	41.94	38.31	35.11	34.33	32.89				
		0.78	0.65	0.65	0.64	0.66	0.79	1.07	1.16	1.03	0.77	0.70	0.63	0.57	0.66	0.77	0.83	1.08	1.16	1.38	1.05	1.04	0.92	0.78	0.68				
		-4.46	-9.19	-9.68	-9.70	-9.77	-6.80	-2.17	-7.06	-7.58	-6.49	-9.08	-7.43	-7.33	-6.64	-6.33	-14.02	-9.36	-21.00	-1.75	-4.58	-2.72	-2.60	-4.71	-6.06				
ALBANY_2_SOLAR	323834	32.08	32.35	31.85	31.63	32.47	34.00	38.89	47.01	45.39	39.60	40.18	36.84	36.34	36.03	36.85	45.56	47.83	59.56	47.53	41.94	38.31	35.11	34.33	32.89				
		0.78	0.65	0.65	0.64	0.66	0.79	1.07	1.16	1.03	0.77	0.70	0.63	0.57	0.66	0.74	0.83	1.08	1.16	1.38	1.05	1.04	0.92	0.78	0.68				
		-4.46	-9.19	-9.68	-9.70	-9.77	-6.81	-2.17	-7.06	-7.58	-6.49	-9.08	-7.43	-7.33	-6.64	-6.33	-14.02	-9.36	-21.00	-1.75	-4.58	-2.72	-2.60	-4.71	-6.06				
ALBANY___I	23571	31.71	32.09	31.61	31.40	32.20	33.67	38.31	46.44	44.87	39.26	39.93	36.62	36.18	35.86	36.67	45.37	47.47	59.28	46.66	41.29	37.80	34.82	34.24	32.90				
		0.35	0.27	0.28	0.28	0.26	0.37	0.46	0.50	0.40	0.36	0.33	0.32	0.31	0.40	0.48	0.46	0.60	0.60	0.62	0.47	0.48	0.44	0.35	0.26				
		-4.52	-9.31	-9.81	-9.82	-9.90	-6.89	-2.20	-7.16	-7.68	-6.58	-9.20	-7.53	-7.43	-6.73	-6.42	-14.21	-9.48	-21.28	-1.63	-4.51	-2.77	-2.79	-5.05	-6.49				



ARTHUR_KILL_COGEN 323718	32.82 1.96 -4.02	32.35 1.58 -8.27	31.65 1.42 -8.71	31.39 1.36 -8.73	32.26 1.43 -8.79	34.24 1.72 -6.12	40.06 2.46 -1.95	47.73 2.60 -6.35	46.06 2.46 -6.81	40.40 2.23 -5.84	40.72 2.16 -8.17	37.55 2.10 -6.68	37.13 2.10 -6.59	36.82 2.13 -5.97	37.64 2.17 -5.69	45.61 2.30 -12.60	48.64 2.84 -8.41	59.00 2.73 -18.88	52.60 3.29 -4.91	46.48 2.69 -7.49	39.26 2.38 -2.33	35.99 2.18 -2.23	34.89 2.02 -4.03	33.09 1.75 -5.19
ASHOKAN____ 23654	31.11 0.03 -4.24	31.18 -0.07 -8.74	30.67 -0.06 -9.21	30.46 -0.06 -9.22	31.33 0.00 -9.29	32.90 0.03 -6.47	38.00 0.28 -2.07	45.89 0.39 -6.71	44.36 0.37 -7.21	38.63 0.13 -6.17	39.03 0.00 -8.64	35.78 -0.06 -7.06	35.32 -0.09 -6.97	34.98 -0.06 -6.31	35.82 0.03 -6.02	44.19 0.15 -13.33	46.69 0.41 -8.90	57.85 0.48 -19.96	47.53 0.71 -2.42	41.87 0.47 -5.09	37.60 0.52 -2.53	34.20 0.19 -2.42	33.28 0.06 -4.38	31.70 -0.08 -5.63
ASTORIA_EAST_ENERGY_CC1 323581	32.85 1.99 -4.02	32.42 1.64 -8.27	31.70 1.46 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.84 2.25 -1.95	47.49 2.37 -6.34	46.06 2.46 -6.81	40.42 2.26 -5.83	40.74 2.19 -8.16	37.57 2.13 -6.67	37.21 2.19 -6.58	36.93 2.24 -5.96	37.63 2.17 -5.68	45.51 2.21 -12.60	48.44 2.65 -8.40	58.74 2.47 -18.87	52.28 2.98 -4.91	46.26 2.47 -7.48	39.12 2.24 -2.32	35.89 2.08 -2.22	34.89 2.02 -4.03	33.12 1.78 -5.19
ASTORIA_EAST_ENERGY_CC2 323582	32.85 1.99 -4.02	32.40 1.62 -8.27	31.70 1.46 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.84 2.25 -1.95	47.49 2.37 -6.34	46.06 2.46 -6.81	40.42 2.26 -5.83	40.74 2.19 -8.16	37.57 2.13 -6.67	37.21 2.19 -6.58	36.93 2.24 -5.96	37.63 2.17 -5.68	45.51 2.21 -12.60	48.44 2.65 -8.40	58.74 2.47 -18.87	52.28 2.98 -4.91	46.26 2.47 -7.48	39.12 2.24 -2.32	35.89 2.08 -2.22	34.89 2.02 -4.03	33.12 1.78 -5.19
ASTORIA_GT2_1 24094	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.49 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.85 2.25 -1.95	47.50 2.37 -6.35	46.06 2.46 -6.81	40.43 2.26 -5.84	40.75 2.19 -8.17	37.61 2.16 -6.68	37.25 2.22 -6.59	36.96 2.27 -5.97	37.67 2.20 -5.69	45.55 2.24 -12.60	48.49 2.69 -8.41	58.78 2.51 -18.88	52.11 2.80 -4.91	46.26 2.47 -7.49	39.20 2.31 -2.33	36.31 2.24 -2.47	35.34 2.02 -4.48	33.69 1.78 -5.77
ASTORIA_GT2_2 24095	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.49 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.85 2.25 -1.95	47.50 2.37 -6.35	46.06 2.46 -6.81	40.43 2.26 -5.84	40.75 2.19 -8.17	37.61 2.16 -6.68	37.25 2.22 -6.59	36.96 2.27 -5.97	37.67 2.20 -5.69	45.55 2.24 -12.60	48.49 2.69 -8.41	58.78 2.51 -18.88	52.11 2.80 -4.91	46.26 2.47 -7.49	39.20 2.31 -2.33	36.31 2.24 -2.47	35.34 2.02 -4.48	33.69 1.78 -5.77
ASTORIA_GT2_3 24096	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.49 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.85 2.25 -1.95	47.50 2.37 -6.35	46.06 2.46 -6.81	40.43 2.26 -5.84	40.75 2.19 -8.17	37.61 2.16 -6.68	37.25 2.22 -6.59	36.96 2.27 -5.97	37.67 2.20 -5.69	45.55 2.24 -12.60	48.49 2.69 -8.41	58.78 2.51 -18.88	52.11 2.80 -4.91	46.26 2.47 -7.49	39.20 2.31 -2.33	36.31 2.24 -2.47	35.34 2.02 -4.48	33.69 1.78 -5.77
ASTORIA_GT2_4 24097	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.49 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.85 2.25 -1.95	47.50 2.37 -6.35	46.06 2.46 -6.81	40.43 2.26 -5.84	40.75 2.19 -8.17	37.61 2.16 -6.68	37.25 2.22 -6.59	36.96 2.27 -5.97	37.67 2.20 -5.69	45.55 2.24 -12.60	48.49 2.69 -8.41	58.78 2.51 -18.88	52.11 2.80 -4.91	46.26 2.47 -7.49	39.20 2.31 -2.33	36.31 2.24 -2.47	35.34 2.02 -4.48	33.69 1.78 -5.77
ASTORIA_GT3_1 24098	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.49 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.85 2.25 -1.95	47.50 2.37 -6.35	46.06 2.46 -6.81	40.43 2.26 -5.84	40.75 2.19 -8.17	37.61 2.16 -6.68	37.25 2.22 -6.59	36.96 2.27 -5.97	37.67 2.20 -5.69	45.55 2.24 -12.60	48.49 2.69 -8.41	58.78 2.51 -18.88	52.11 2.80 -4.91	46.26 2.47 -7.49	39.20 2.31 -2.33	36.31 2.24 -2.47	35.34 2.02 -4.48	33.69 1.78 -5.77
ASTORIA_GT3_2 24099	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.49 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.85 2.25 -1.95	47.50 2.37 -6.35	46.06 2.46 -6.81	40.43 2.26 -5.84	40.75 2.19 -8.17	37.61 2.16 -6.68	37.25 2.22 -6.59	36.96 2.27 -5.97	37.67 2.20 -5.69	45.55 2.24 -12.60	48.49 2.69 -8.41	58.78 2.51 -18.88	52.11 2.80 -4.91	46.26 2.47 -7.49	39.20 2.31 -2.33	36.31 2.24 -2.47	35.34 2.02 -4.48	33.69 1.78 -5.77
ASTORIA_GT3_3 24100	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.49 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.85 2.25 -1.95	47.50 2.37 -6.35	46.06 2.46 -6.81	40.43 2.26 -5.84	40.75 2.19 -8.17	37.61 2.16 -6.68	37.25 2.22 -6.59	36.96 2.27 -5.97	37.67 2.20 -5.69	45.55 2.24 -12.60	48.49 2.69 -8.41	58.78 2.51 -18.88	52.11 2.80 -4.91	46.26 2.47 -7.49	39.20 2.31 -2.33	36.31 2.24 -2.47	35.34 2.02 -4.48	33.69 1.78 -5.77
ASTORIA_GT3_4 24101	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.49 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.85 2.25 -1.95	47.50 2.37 -6.35	46.06 2.46 -6.81	40.43 2.26 -5.84	40.75 2.19 -8.17	37.61 2.16 -6.68	37.25 2.22 -6.59	36.96 2.27 -5.97	37.67 2.20 -5.69	45.55 2.24 -12.60	48.49 2.69 -8.41	58.78 2.51 -18.88	52.11 2.80 -4.91	46.26 2.47 -7.49	39.20 2.31 -2.33	36.31 2.24 -2.47	35.34 2.02 -4.48	33.69 1.78 -5.77
ASTORIA_GT4_1 24102	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.49 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.85 2.25 -1.95	47.50 2.37 -6.35	46.06 2.46 -6.81	40.43 2.26 -5.84	40.75 2.19 -8.17	37.61 2.16 -6.68	37.25 2.22 -6.59	36.96 2.27 -5.97	37.67 2.20 -5.69	45.55 2.24 -12.60	48.49 2.69 -8.41	58.78 2.51 -18.88	52.11 2.80 -4.91	46.26 2.47 -7.49	39.20 2.31 -2.33	36.31 2.24 -2.47	35.34 2.02 -4.48	33.69 1.78 -5.77
ASTORIA_GT4_2 24103	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.49 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.85 2.25 -1.95	47.50 2.37 -6.35	46.06 2.46 -6.81	40.43 2.26 -5.84	40.75 2.19 -8.17	37.61 2.16 -6.68	37.25 2.22 -6.59	36.96 2.27 -5.97	37.67 2.20 -5.69	45.55 2.24 -12.60	48.49 2.69 -8.41	58.78 2.51 -18.88	52.11 2.80 -4.91	46.26 2.47 -7.49	39.20 2.31 -2.33	36.31 2.24 -2.47	35.34 2.02 -4.48	33.69 1.78 -5.77
ASTORIA_GT4_3 24104	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.49 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.85 2.25 -1.95	47.50 2.37 -6.35	46.06 2.46 -6.81	40.43 2.26 -5.84	40.75 2.19 -8.17	37.61 2.16 -6.68	37.25 2.22 -6.59	36.96 2.27 -5.97	37.67 2.20 -5.69	45.55 2.24 -12.60	48.49 2.69 -8.41	58.78 2.51 -18.88	52.11 2.80 -4.91	46.26 2.47 -7.49	39.20 2.31 -2.33	36.31 2.24 -2.47	35.34 2.02 -4.48	33.69 1.78 -5.77



ATHENS_STG_1 23668	31.90 0.88 -4.17	31.85 0.74 -8.60	31.30 0.71 -9.06	31.08 0.70 -9.08	31.91 0.73 -9.15	33.62 0.84 -6.37	38.89 1.21 -2.03	46.71 1.32 -6.61	45.20 1.32 -7.09	39.57 1.16 -6.07	40.02 1.13 -8.50	36.79 1.07 -6.95	36.35 1.05 -6.86	36.00 1.06 -6.21	36.80 1.10 -5.92	44.96 1.14 -13.12	47.48 1.34 -8.75	58.39 1.34 -19.65	48.07 1.46 -2.20	42.38 1.24 -4.84	38.23 1.18 -2.51	35.06 1.07 -2.40	34.13 0.95 -4.34	32.54 0.81 -5.58
ATHENS_STG_2 23670	31.90 0.88 -4.17	31.85 0.74 -8.60	31.30 0.71 -9.06	31.08 0.70 -9.08	31.91 0.73 -9.15	33.62 0.84 -6.37	38.89 1.21 -2.03	46.71 1.32 -6.61	45.20 1.32 -7.09	39.57 1.16 -6.07	40.02 1.13 -8.50	36.79 1.07 -6.95	36.35 1.05 -6.86	36.00 1.06 -6.21	36.80 1.10 -5.92	44.96 1.14 -13.12	47.48 1.34 -8.75	58.39 1.34 -19.65	48.07 1.46 -2.20	42.38 1.24 -4.84	38.23 1.18 -2.51	35.06 1.07 -2.40	34.13 0.95 -4.34	32.54 0.81 -5.58
ATHENS_STG_3 23677	31.90 0.88 -4.17	31.85 0.74 -8.60	31.30 0.71 -9.06	31.08 0.70 -9.08	31.91 0.73 -9.15	33.62 0.84 -6.37	38.89 1.21 -2.03	46.71 1.32 -6.61	45.20 1.32 -7.09	39.57 1.16 -6.07	40.02 1.13 -8.50	36.79 1.07 -6.95	36.35 1.05 -6.86	36.00 1.06 -6.21	36.80 1.10 -5.92	44.96 1.14 -13.12	47.48 1.34 -8.75	58.39 1.34 -19.65	48.07 1.46 -2.20	42.38 1.24 -4.84	38.23 1.18 -2.51	35.06 1.07 -2.40	34.13 0.95 -4.34	32.54 0.81 -5.58
AUBURN___LFGE 323710	27.22 -0.13 -0.51	23.43 -0.14 -1.06	22.51 -0.13 -1.11	22.31 -0.11 -1.12	23.12 -0.04 -1.12	27.16 -0.03 -0.78	35.82 -0.07 -0.25	39.71 0.12 -0.81	37.74 0.07 -0.88	33.15 0.06 -0.76	31.51 0.06 -1.06	29.67 0.03 -0.87	29.28 0.00 -0.84	29.49 0.00 -0.76	30.50 0.00 -0.73	32.38 0.06 -1.61	38.57 0.11 -1.08	40.00 0.19 -2.42	44.40 0.00 0.00	36.51 -0.07 -0.28	34.72 -0.10 -0.28	31.81 -0.09 -0.32	29.27 -0.14 -0.57	26.78 -0.10 -0.74
BABYLON_RES_REC 323704	32.73 1.88 -4.01	32.17 1.40 -8.27	31.48 1.25 -8.71	31.15 1.13 -8.73	32.04 1.21 -8.79	34.45 1.93 -6.12	41.04 3.32 -2.08	48.16 3.03 -6.35	46.76 3.16 -6.81	42.91 2.97 -7.61	41.15 2.58 -8.18	38.55 2.50 -7.28	37.54 2.50 -6.60	37.26 2.56 -5.98	44.57 2.77 -12.03	46.08 2.76 -12.60	48.79 2.99 -8.41	59.35 3.07 -18.89	52.95 3.64 -4.91	46.85 3.05 -7.49	45.66 2.97 -8.13	43.52 2.75 -9.18	35.27 2.39 -4.03	33.14 1.80 -5.19
BABYLON___69_KV_BK2 356345	32.98 2.12 -4.01	32.33 1.55 -8.27	31.78 1.55 -8.71	31.26 1.24 -8.73	32.13 1.30 -8.79	34.61 2.09 -6.12	41.43 3.71 -2.08	48.51 3.37 -6.35	47.09 3.49 -6.81	43.21 3.30 -7.58	41.43 2.86 -8.18	38.80 2.76 -7.26	37.80 2.76 -6.60	37.52 2.82 -5.98	44.75 3.07 -11.91	46.35 3.04 -12.60	49.16 3.36 -8.41	59.77 3.48 -18.89	53.26 3.95 -4.91	47.25 3.45 -7.49	45.97 3.39 -8.03	44.08 3.19 -9.30	35.98 2.65 -4.48	33.93 2.01 -5.77
BALL_HILL_WT_PWR 323825	25.53 -1.96 -0.64	22.20 -1.64 -1.33	21.40 -1.53 -1.40	21.15 -1.55 -1.40	21.78 -1.68 -1.41	25.10 -2.11 -0.81	32.91 -2.99 -0.26	36.25 -3.37 -0.84	34.37 -3.31 -0.90	30.29 -2.81 -0.77	28.86 -2.61 -1.08	27.15 -2.50 -0.88	26.83 -2.47 -0.87	27.01 -2.50 -0.79	27.93 -2.59 -0.75	29.63 -2.73 -1.65	35.13 -3.36 -1.11	36.54 -3.33 -2.47	39.91 -4.48 0.01	32.88 -3.70 -0.28	31.37 -3.45 -0.27	28.77 -3.09 -0.27	26.74 -2.60 -0.49	24.83 -2.09 -0.77
BARON_WINDS___WT_PWR 323822	26.39 -1.34 -0.89	23.21 -1.12 -1.83	22.41 -1.03 -1.93	22.18 -1.04 -1.93	22.90 -1.08 -1.94	26.29 -1.37 -1.26	34.19 -1.86 -0.40	38.20 -1.90 -1.31	36.24 -1.95 -1.41	31.73 -1.81 -1.20	30.35 -1.73 -1.68	28.46 -1.70 -1.38	28.09 -1.71 -1.36	28.23 -1.72 -1.23	29.13 -1.82 -1.17	31.46 -1.84 -2.59	36.87 -2.24 -1.73	39.18 -2.09 -3.88	41.47 -2.93 0.00	34.32 -2.43 -0.45	32.68 -2.31 -0.44	29.90 -2.12 -0.43	27.71 -1.90 -0.78	25.62 -1.60 -1.07
BARRETT_IC_1 23704	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19
BARRETT_IC_10 23701	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19
BARRETT_IC_11 23702	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19
BARRETT_IC_12 23703	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19
BARRETT_IC_2 23705	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19
BARRETT_IC_3 23706	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19
BARRETT_IC_4 23707	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19

BARRETT_IC_5 23708	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19
BARRETT_IC_6 23709	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19
BARRETT_IC_7 23710	32.55 1.69 -4.01	32.04 1.26 -8.27	31.44 1.21 -8.71	31.02 1.00 -8.73	31.89 1.06 -8.79	34.16 1.64 -6.12	40.68 2.96 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.28 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.31 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.24 2.93 -4.91	46.34 2.54 -7.49	44.42 2.52 -7.35	42.54 2.46 -8.49	35.40 2.08 -4.48	33.51 1.60 -5.77
BARRETT_IC_8 23711	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19
BARRETT_IC_9 23700	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19
BARRETT___1 23545	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19
BARRETT___2 23546	32.55 1.69 -4.01	32.04 1.26 -8.27	31.35 1.12 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.21 1.69 -6.12	40.61 2.89 -2.08	47.77 2.64 -6.35	46.36 2.76 -6.81	42.29 2.59 -7.37	40.91 2.34 -8.18	38.22 2.22 -7.23	37.32 2.28 -6.60	37.00 2.30 -5.98	43.36 2.41 -11.17	45.71 2.40 -12.60	48.41 2.62 -8.41	58.87 2.58 -18.89	52.37 3.06 -4.91	46.41 2.62 -7.49	44.39 2.49 -7.35	42.20 2.37 -8.24	34.95 2.08 -4.03	32.94 1.60 -5.19
BATAVIA__115KV_TB1 55881	26.14 -1.26 -0.56	22.58 -1.08 -1.15	21.72 -1.01 -1.21	21.55 -0.96 -1.21	22.24 -1.01 -1.22	25.99 -1.16 -0.74	34.00 -1.89 -0.24	37.27 -2.29 -0.77	35.30 -2.32 -0.83	31.17 -1.88 -0.71	29.60 -1.79 -1.00	27.95 -1.64 -0.82	27.59 -1.65 -0.80	27.81 -1.64 -0.73	28.77 -1.70 -0.69	30.43 -1.81 -1.53	36.28 -2.13 -1.02	37.44 -2.24 -2.29	41.34 -3.06 0.00	33.84 -2.72 -0.26	32.29 -2.52 -0.26	29.62 -2.27 -0.31	27.64 -1.76 -0.56	25.72 -1.23 -0.80
BAYONEEC___CTG1 323682	32.68 1.83 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.34 1.32 -8.72	32.22 1.39 -8.79	34.24 1.72 -6.12	40.20 2.60 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.16 2.88 -18.88	52.69 3.37 -4.92	46.56 2.76 -7.49	39.44 2.56 -2.33	36.09 2.28 -2.23	34.92 2.05 -4.03	33.06 1.73 -5.19
BAYONEEC___CTG10 323750	32.68 1.83 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.34 1.32 -8.72	32.22 1.39 -8.79	34.24 1.72 -6.12	40.20 2.60 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.16 2.88 -18.88	52.69 3.37 -4.92	46.56 2.76 -7.49	39.44 2.56 -2.33	36.09 2.28 -2.23	34.92 2.05 -4.03	33.06 1.73 -5.19
BAYONEEC___CTG2 323683	32.68 1.83 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.34 1.32 -8.72	32.22 1.39 -8.79	34.24 1.72 -6.12	40.20 2.60 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.16 2.88 -18.88	52.69 3.37 -4.92	46.56 2.76 -7.49	39.44 2.56 -2.33	36.09 2.28 -2.23	34.92 2.05 -4.03	33.06 1.73 -5.19
BAYONEEC___CTG3 323684	32.68 1.83 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.34 1.32 -8.72	32.22 1.39 -8.79	34.24 1.72 -6.12	40.20 2.60 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.16 2.88 -18.88	52.69 3.37 -4.92	46.56 2.76 -7.49	39.44 2.56 -2.33	36.09 2.28 -2.23	34.92 2.05 -4.03	33.06 1.73 -5.19
BAYONEEC___CTG4 323685	32.68 1.83 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.34 1.32 -8.72	32.22 1.39 -8.79	34.24 1.72 -6.12	40.20 2.60 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.16 2.88 -18.88	52.69 3.37 -4.92	46.56 2.76 -7.49	39.44 2.56 -2.33	36.09 2.28 -2.23	34.92 2.05 -4.03	33.06 1.73 -5.19
BAYONEEC___CTG5 323686	32.68 1.83 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.34 1.32 -8.72	32.22 1.39 -8.79	34.24 1.72 -6.12	40.20 2.60 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.16 2.88 -18.88	52.69 3.37 -4.92	46.56 2.76 -7.49	39.44 2.56 -2.33	36.09 2.28 -2.23	34.92 2.05 -4.03	33.06 1.73 -5.19
BAYONEEC___CTG6 323687	32.68 1.83 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.34 1.32 -8.72	32.22 1.39 -8.79	34.24 1.72 -6.12	40.20 2.60 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.16 2.88 -18.88	52.69 3.37 -4.92	46.56 2.76 -7.49	39.44 2.56 -2.33	36.09 2.28 -2.23	34.92 2.05 -4.03	33.06 1.73 -5.19

BAYONEEC___CTG7 323688	32.68 1.83 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.34 1.32 -8.72	32.22 1.39 -8.79	34.24 1.72 -6.12	40.20 2.60 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.16 2.88 -18.88	52.69 3.37 -4.92	46.56 2.76 -7.49	39.44 2.56 -2.33	36.09 2.28 -2.23	34.92 2.05 -4.03	33.06 1.73 -5.19
BAYONEEC___CTG8 323689	32.68 1.83 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.34 1.32 -8.72	32.22 1.39 -8.79	34.24 1.72 -6.12	40.20 2.60 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.16 2.88 -18.88	52.69 3.37 -4.92	46.56 2.76 -7.49	39.44 2.56 -2.33	36.09 2.28 -2.23	34.92 2.05 -4.03	33.06 1.73 -5.19
BAYONEEC___CTG9 323749	32.68 1.83 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.34 1.32 -8.72	32.22 1.39 -8.79	34.24 1.72 -6.12	40.20 2.60 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.16 2.88 -18.88	52.69 3.37 -4.92	46.56 2.76 -7.49	39.44 2.56 -2.33	36.09 2.28 -2.23	34.92 2.05 -4.03	33.06 1.73 -5.19
BEACON___LESR 323632	32.08 0.73 -4.51	32.40 0.58 -9.30	31.91 0.58 -9.80	31.69 0.58 -9.82	32.50 0.57 -9.89	34.06 0.77 -6.89	38.95 1.11 -2.20	47.14 1.20 -7.15	45.45 0.99 -7.68	39.71 0.81 -6.57	40.35 0.76 -9.20	37.02 0.72 -7.52	36.55 0.68 -7.42	36.31 0.86 -6.72	37.11 0.92 -6.41	45.86 0.95 -14.20	48.09 1.23 -9.48	59.94 1.27 -21.27	47.52 1.46 -1.65	41.96 1.13 -4.53	38.39 1.07 -2.77	35.15 0.92 -2.65	34.41 0.78 -4.79	32.96 0.65 -6.16
BEAVER RIVER___HYD 24048	26.45 -0.56 -0.18	22.42 -0.45 -0.36	21.41 -0.49 -0.38	21.17 -0.51 -0.38	21.81 -0.62 -0.39	26.09 -0.58 -0.27	35.20 -0.53 -0.09	38.56 -0.51 -0.28	36.43 -0.66 -0.31	31.75 -0.84 -0.26	27.74 -0.85 1.80	22.27 -0.86 5.64	21.42 -0.88 6.14	21.33 -0.89 6.51	22.09 -0.89 6.79	23.09 -0.86 6.76	27.97 -0.86 8.56	28.28 -0.79 8.33	32.35 -0.98 11.08	26.57 -0.76 8.97	25.63 -0.73 8.20	23.37 -0.82 7.39	20.95 -1.01 6.88	19.06 -0.97 6.12
BEEBEE_GT_13 23619	26.41 -0.91 -0.48	22.72 -0.79 -1.00	21.84 -0.73 -1.05	21.67 -0.68 -1.05	22.39 -0.71 -1.06	26.37 -0.79 -0.75	34.46 -1.43 -0.24	37.82 -1.75 -0.78	35.86 -1.77 -0.84	31.66 -1.39 -0.72	30.10 -1.31 -1.01	28.42 -1.18 -0.83	28.09 -1.17 -0.81	28.31 -1.15 -0.74	29.28 -1.19 -0.70	30.97 -1.29 -1.55	36.85 -1.57 -1.04	38.00 -1.72 -2.33	41.96 -2.44 0.00	34.43 -2.14 -0.27	32.81 -2.00 -0.27	30.16 -1.74 -0.30	28.09 -1.30 -0.55	25.96 -0.89 -0.70
BENSHRST_27_KV_BENSHRST_1 355998	32.96 2.09 -4.02	32.49 1.71 -8.27	31.78 1.55 -8.71	31.51 1.49 -8.73	32.39 1.56 -8.79	34.40 1.87 -6.12	40.31 2.71 -1.95	48.08 2.95 -6.35	46.47 2.87 -6.81	40.78 2.62 -5.84	41.08 2.52 -8.17	37.90 2.45 -6.68	37.48 2.45 -6.59	37.16 2.47 -5.97	38.00 2.53 -5.69	45.95 2.64 -12.60	49.01 3.22 -8.41	59.38 3.10 -18.88	52.82 3.51 -4.91	46.77 2.98 -7.49	39.61 2.73 -2.33	36.62 2.56 -2.47	35.57 2.25 -4.48	33.85 1.93 -5.77
BETHLEHEM___GRP 23843	31.71 0.35 -4.52	32.09 0.27 -9.31	31.61 0.28 -9.81	31.40 0.28 -9.82	32.20 0.26 -9.90	33.67 0.37 -6.89	38.31 0.46 -2.20	46.44 0.50 -7.16	44.87 0.40 -7.68	39.26 0.36 -6.58	39.93 0.33 -9.20	36.62 0.32 -7.53	36.18 0.31 -7.43	35.86 0.40 -6.73	36.67 0.48 -6.42	45.37 0.46 -14.21	47.47 0.60 -9.48	59.28 0.60 -21.28	46.66 0.62 -1.63	41.29 0.47 -4.51	37.80 0.48 -2.77	34.82 0.44 -2.79	34.24 0.35 -5.05	32.90 0.26 -6.49
BETHLEHEM___GS1 323560	31.71 0.35 -4.52	32.09 0.27 -9.31	31.61 0.28 -9.81	31.40 0.28 -9.82	32.20 0.27 -9.90	33.64 0.34 -6.89	38.31 0.46 -2.20	46.44 0.50 -7.16	44.87 0.41 -7.68	39.26 0.36 -6.58	39.93 0.33 -9.20	36.62 0.32 -7.53	36.18 0.31 -7.43	35.86 0.40 -6.73	36.67 0.47 -6.42	45.38 0.46 -14.21	47.46 0.60 -9.48	59.27 0.60 -21.28	46.66 0.62 -1.63	41.29 0.47 -4.51	37.80 0.48 -2.77	34.62 0.38 -2.65	33.98 0.35 -4.79	32.58 0.26 -6.17
BETHLEHEM___GS2 323561	31.71 0.35 -4.52	32.09 0.27 -9.31	31.61 0.28 -9.81	31.40 0.28 -9.82	32.20 0.27 -9.90	33.64 0.34 -6.89	38.31 0.46 -2.20	46.44 0.50 -7.16	44.87 0.41 -7.68	39.26 0.36 -6.58	39.93 0.33 -9.20	36.62 0.32 -7.53	36.18 0.31 -7.43	35.86 0.40 -6.73	36.67 0.47 -6.42	45.38 0.46 -14.21	47.46 0.60 -9.48	59.27 0.60 -21.28	46.66 0.62 -1.63	41.29 0.47 -4.51	37.80 0.48 -2.77	34.62 0.38 -2.65	33.98 0.35 -4.79	32.58 0.26 -6.17
BETHLEHEM___GS3 323562	31.71 0.35 -4.52	32.09 0.27 -9.31	31.61 0.28 -9.81	31.40 0.28 -9.82	32.20 0.27 -9.90	33.64 0.34 -6.89	38.31 0.46 -2.20	46.44 0.50 -7.16	44.87 0.41 -7.68	39.26 0.36 -6.58	39.93 0.33 -9.20	36.62 0.32 -7.53	36.18 0.31 -7.43	35.86 0.40 -6.73	36.67 0.47 -6.42	45.38 0.46 -14.21	47.46 0.60 -9.48	59.27 0.60 -21.28	46.66 0.62 -1.63	41.29 0.47 -4.51	37.80 0.48 -2.77	34.62 0.38 -2.65	33.98 0.35 -4.79	32.58 0.26 -6.17
BETHLEHEM___STEEL 23779	25.52 -1.96 -0.64	22.21 -1.62 -1.32	21.39 -1.53 -1.39	21.14 -1.55 -1.39	21.81 -1.63 -1.41	25.17 -2.03 -0.80	32.98 -2.92 -0.26	36.36 -3.26 -0.83	34.48 -3.20 -0.89	30.38 -2.72 -0.77	28.94 -2.52 -1.07	27.26 -2.39 -0.88	26.94 -2.36 -0.86	27.12 -2.38 -0.78	28.02 -2.50 -0.75	29.74 -2.61 -1.64	35.27 -3.22 -1.10	36.64 -3.22 -2.46	40.18 -4.22 0.01	32.95 -3.63 -0.28	31.44 -3.39 -0.27	28.86 -3.06 -0.34	26.91 -2.54 -0.61	25.03 -2.04 -0.92
BETHLHEM_115KV_TB1 79974	31.79 0.43 -4.51	32.15 0.34 -9.30	31.65 0.32 -9.80	31.46 0.34 -9.82	32.26 0.33 -9.89	33.72 0.42 -6.89	38.42 0.57 -2.20	46.56 0.62 -7.15	44.98 0.51 -7.68	39.36 0.45 -6.57	40.02 0.43 -9.20	36.70 0.40 -7.52	36.26 0.40 -7.42	35.94 0.49 -6.72	36.72 0.54 -6.41	45.43 0.52 -14.20	47.53 0.67 -9.48	59.34 0.67 -21.27	46.74 0.71 -1.63	41.39 0.58 -4.50	37.87 0.55 -2.77	34.88 0.51 -2.79	34.29 0.40 -5.04	32.98 0.34 -6.49
BETHPAGE_CC_5 323564	32.73 1.88 -4.01	32.17 1.40 -8.27	31.48 1.25 -8.71	31.17 1.15 -8.73	32.06 1.23 -8.79	34.43 1.90 -6.12	40.82 3.10 -2.08	47.96 2.83 -6.35	46.58 2.98 -6.81	42.84 2.81 -7.70	41.09 2.52 -8.18	38.53 2.44 -7.31	37.51 2.47 -6.60	37.23 2.53 -5.98	44.75 2.62 -12.35	45.89 2.58 -12.60	48.60 2.81 -8.41	59.13 2.84 -18.89	52.68 3.37 -4.91	46.63 2.83 -7.49	45.71 2.73 -8.43	43.72 2.59 -9.54	35.21 2.34 -4.03	33.12 1.78 -5.19
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.48 -2.01 -0.65	22.16 -1.69 -1.34	21.34 -1.59 -1.41	21.11 -1.60 -1.41	21.76 -1.70 -1.42	25.11 -2.11 -0.81	32.95 -2.96 -0.26	36.45 -3.18 -0.84	34.57 -3.13 -0.91	30.43 -2.68 -0.78	28.99 -2.49 -1.09	27.28 -2.39 -0.89	26.96 -2.36 -0.88	27.16 -2.36 -0.80	28.06 -2.47 -0.76	29.83 -2.55 -1.67	35.36 -3.14 -1.12	36.83 -3.07 -2.50	40.40 -4.00 0.01	33.10 -3.49 -0.28	31.58 -3.25 -0.28	28.93 -3.00 -0.34	26.92 -2.54 -0.62	24.96 -2.12 -0.93

BINGHAMTON___COGEN 23790	28.16 0.00 -1.31	25.22 0.00 -2.71	24.42 0.04 -2.86	24.18 0.02 -2.86	24.99 0.07 -2.88	28.43 0.05 -1.98	36.42 0.14 -0.63	41.14 0.31 -2.05	39.25 0.26 -2.21	34.45 0.23 -1.89	33.25 0.21 -2.64	31.11 0.17 -2.16	30.71 0.14 -2.13	30.83 0.17 -1.93	31.79 0.18 -1.84	34.99 0.21 -4.07	40.40 0.30 -2.72	43.87 0.37 -6.09	43.89 0.18 0.69	36.37 0.07 0.01	35.29 0.03 -0.70	32.42 0.03 -0.80	30.23 -0.06 -1.45	27.99 -0.05 -1.89
BIXINCNT_115KV_LOAD 355685	24.92 -2.60 -0.68	21.74 -2.18 -1.41	20.99 -2.02 -1.49	20.68 -2.11 -1.49	21.31 -2.23 -1.50	24.17 -3.12 -0.88	31.94 -3.99 -0.28	35.59 -4.11 -0.91	33.91 -3.86 -0.98	29.68 -3.49 -0.84	28.23 -3.34 -1.18	26.43 -3.31 -0.96	26.12 -3.27 -0.95	26.40 -3.19 -0.86	27.32 -3.28 -0.82	29.17 -3.35 -1.81	34.52 -4.08 -1.21	36.21 -3.89 -2.70	39.65 -4.75 0.01	32.44 -4.18 -0.31	30.98 -3.87 -0.30	28.20 -3.76 -0.37	26.10 -3.40 -0.66	24.05 -3.09 -0.98
BLACK RIVER___HYD 24047	26.51 -0.56 -0.23	22.55 -0.43 -0.47	21.59 -0.43 -0.49	21.32 -0.47 -0.49	22.01 -0.53 -0.50	26.28 -0.47 -0.35	35.33 -0.43 -0.11	38.92 -0.23 -0.37	36.81 -0.37 -0.40	32.09 -0.58 -0.34	28.72 -0.64 1.03	24.36 -0.66 3.75	23.65 -0.68 4.10	23.66 -0.69 4.38	24.51 -0.68 4.58	25.71 -0.61 4.38	31.12 -0.52 5.74	31.71 -0.37 5.31	36.20 -0.49 7.71	29.76 -0.36 6.19	28.59 -0.31 5.65	26.02 -0.47 5.09	23.43 -0.72 4.69	21.28 -0.73 4.14
BLACKRVR_115KV_TB2 79977	26.51 -0.56 -0.23	22.55 -0.43 -0.47	21.58 -0.43 -0.49	21.32 -0.47 -0.49	22.01 -0.53 -0.50	26.28 -0.48 -0.35	35.33 -0.43 -0.11	38.91 -0.23 -0.36	36.85 -0.33 -0.40	32.09 -0.58 -0.34	28.72 -0.64 1.03	24.36 -0.66 3.75	23.65 -0.68 4.10	23.66 -0.69 4.38	24.51 -0.68 4.58	25.71 -0.61 4.38	31.12 -0.52 5.74	31.98 -0.37 5.05	36.56 -0.44 7.40	30.01 -0.36 5.93	28.82 -0.31 5.42	26.26 -0.47 4.85	23.68 -0.72 4.44	21.53 -0.73 3.89
BLISS_WT_PWR 323608	24.76 -2.76 -0.68	21.62 -2.30 -1.41	20.90 -2.11 -1.49	20.55 -2.24 -1.49	21.16 -2.38 -1.50	23.90 -3.38 -0.88	31.58 -4.35 -0.28	35.20 -4.50 -0.92	33.57 -4.19 -0.98	29.39 -3.78 -0.84	27.92 -3.65 -1.18	26.11 -3.63 -0.96	25.80 -3.58 -0.95	26.11 -3.48 -0.86	27.05 -3.54 -0.82	28.83 -3.69 -1.81	34.14 -4.45 -1.21	35.84 -4.26 -2.70	39.07 -5.33 0.01	32.07 -4.54 -0.31	30.60 -4.25 -0.30	27.81 -4.07 -0.30	25.72 -3.66 -0.54	23.65 -3.32 -0.82
BLUESTONE___WT_PWR 323821	29.39 1.13 -1.42	26.42 0.99 -2.93	25.62 1.01 -3.08	25.32 0.94 -3.09	26.16 1.01 -3.11	29.87 1.32 -2.15	38.22 1.89 -0.69	43.54 2.52 -2.23	41.61 2.43 -2.39	36.39 2.01 -2.05	35.18 1.92 -2.87	32.91 1.78 -2.35	32.43 1.68 -2.31	32.51 1.69 -2.09	33.56 1.79 -2.00	37.00 1.87 -4.42	42.76 2.43 -2.95	46.60 2.58 -6.62	46.39 2.71 0.72	38.54 2.22 -0.02	37.38 2.07 -0.76	34.02 1.70 -0.73	31.46 1.30 -1.32	28.98 1.12 -1.71
BLUE_CIRC_CHEM_DRP 24182	31.98 0.67 -4.47	32.28 0.56 -9.20	31.76 0.54 -9.70	31.56 0.55 -9.71	32.38 0.55 -9.79	33.88 0.66 -6.82	38.71 0.89 -2.18	46.83 0.97 -7.07	45.22 0.85 -7.59	39.51 0.68 -6.50	40.13 0.64 -9.10	36.79 0.58 -7.44	36.35 0.57 -7.34	36.01 0.63 -6.65	36.80 0.68 -6.34	45.49 0.74 -14.04	47.69 0.93 -9.37	59.41 0.97 -21.04	47.19 1.07 -1.72	41.74 0.87 -4.56	38.11 0.83 -2.73	35.10 0.76 -2.76	34.50 0.66 -4.99	33.14 0.58 -6.42
BOC_GAS_DRP 24189	31.93 0.59 -4.50	32.27 0.50 -9.27	31.76 0.47 -9.76	31.55 0.47 -9.78	32.38 0.48 -9.85	33.82 0.55 -6.86	38.62 0.78 -2.19	46.76 0.85 -7.12	45.24 0.81 -7.65	39.59 0.71 -6.55	40.22 0.67 -9.16	36.90 0.63 -7.49	36.46 0.63 -7.39	36.08 0.66 -6.70	36.87 0.71 -6.39	45.55 0.71 -14.14	47.68 0.86 -9.44	59.44 0.86 -21.18	46.92 0.93 -1.59	41.52 0.76 -4.45	38.07 0.76 -2.76	35.03 0.66 -2.78	34.44 0.58 -5.02	33.11 0.50 -6.46
BOONVILLE_115KV_TB1 79983	27.18 0.19 -0.15	23.00 0.18 -0.31	21.99 0.15 -0.32	21.75 0.13 -0.32	22.47 0.11 -0.32	26.87 0.24 -0.23	36.15 0.43 -0.07	39.64 0.62 -0.23	37.59 0.55 -0.26	32.91 0.36 -0.22	30.25 0.30 0.45	27.22 0.26 1.81	26.68 0.23 1.99	26.85 0.26 2.13	27.84 0.30 2.24	28.94 0.31 2.07	35.08 0.49 2.79	35.60 0.56 2.35	41.29 0.58 3.69	33.84 0.47 2.94	32.31 0.45 2.69	29.47 0.28 2.40	26.75 0.09 2.18	24.31 0.05 1.89
BORALEX_4TH_BRANCH 23824	32.97 1.61 -4.51	33.16 1.35 -9.30	32.53 1.21 -9.80	32.33 1.21 -9.81	33.14 1.21 -9.89	34.88 1.58 -6.89	40.20 2.35 -2.20	48.49 2.56 -7.15	46.88 2.43 -7.67	41.10 2.20 -6.57	41.65 2.07 -9.19	38.25 1.96 -7.52	37.79 1.93 -7.42	37.37 1.92 -6.72	38.18 1.99 -6.41	46.92 2.03 -14.19	49.36 2.50 -9.47	61.19 2.54 -21.25	49.07 2.84 -1.82	43.33 2.32 -4.70	39.52 2.21 -2.76	36.36 1.99 -2.79	35.61 1.73 -5.04	34.20 1.57 -6.49
BOWLINE___1 23526	32.30 1.50 -3.95	31.87 1.21 -8.15	31.23 1.12 -8.59	31.00 1.11 -8.60	31.87 1.17 -8.66	33.89 1.45 -6.03	39.82 2.25 -1.93	47.56 2.52 -6.26	45.97 2.46 -6.72	40.28 2.20 -5.75	40.51 2.07 -8.05	37.34 1.98 -6.58	36.90 1.96 -6.50	36.62 2.01 -5.88	37.44 2.05 -5.61	45.25 2.12 -12.42	48.25 2.58 -8.29	58.58 2.58 -18.61	53.31 2.88 -6.02	47.22 2.33 -8.58	38.97 2.14 -2.27	35.66 1.90 -2.17	34.48 1.70 -3.93	32.63 1.41 -5.07
BOWLINE___2 23595	32.30 1.50 -3.95	31.87 1.21 -8.15	31.23 1.12 -8.59	31.00 1.11 -8.60	31.87 1.17 -8.67	33.89 1.45 -6.03	39.85 2.28 -1.93	47.56 2.52 -6.26	45.97 2.46 -6.72	40.28 2.20 -5.75	40.51 2.07 -8.05	37.34 1.98 -6.58	36.90 1.96 -6.50	36.62 2.01 -5.88	37.44 2.05 -5.61	45.25 2.12 -12.42	48.25 2.58 -8.29	58.58 2.58 -18.61	53.30 2.88 -6.01	47.21 2.33 -8.57	38.97 2.14 -2.27	35.66 1.90 -2.17	34.48 1.70 -3.94	32.63 1.41 -5.07
BRADY___115KV_TB2 356060	26.48 -0.46 -0.09	22.34 -0.36 -0.19	21.08 -0.65 -0.20	20.94 -0.55 -0.20	21.25 -0.99 -0.20	25.49 -1.06 -0.14	34.87 -0.82 -0.04	37.46 -1.47 -0.14	35.07 -1.88 -0.16	30.36 -2.10 -0.14	21.67 -2.07 6.66	8.17 -1.96 18.64	6.32 -1.93 20.19	5.48 -1.95 21.29	5.59 -2.02 22.16	5.76 -2.09 22.86	6.73 -2.58 28.07	7.42 -2.58 27.40	7.60 -3.15 33.65	6.33 -2.51 27.47	7.07 -2.35 25.13	6.69 -2.24 22.65	5.40 -2.19 21.26	5.07 -2.04 19.04
BRANSCOMB___SOLAR 323811	32.63 1.18 -4.61	32.98 0.97 -9.50	32.44 0.90 -10.01	32.24 0.92 -10.03	33.11 0.97 -10.10	34.66 1.22 -7.04	39.67 1.78 -2.25	48.10 2.02 -7.30	46.61 1.99 -7.84	40.69 1.65 -6.71	41.33 1.55 -9.39	37.92 1.47 -7.68	37.44 1.42 -7.58	36.97 1.38 -6.87	37.66 1.34 -6.55	46.62 1.41 -14.50	48.85 1.79 -9.67	60.94 1.83 -21.71	48.07 2.13 -1.54	42.42 1.64 -4.48	38.94 1.56 -2.84	35.66 1.36 -2.71	34.96 1.21 -4.91	33.77 1.31 -6.32
BRENTWOD_69_KV_W. BRTWOOD 56703	32.84 1.99 -4.01	32.22 1.44 -8.27	31.68 1.44 -8.71	31.17 1.15 -8.73	32.04 1.21 -8.79	34.50 1.98 -6.12	41.36 3.64 -2.08	48.27 3.14 -6.35	46.91 3.31 -6.81	42.99 3.17 -7.49	41.27 2.71 -8.18	38.62 2.62 -7.23	37.66 2.62 -6.60	37.38 2.67 -5.98	44.36 2.98 -11.61	46.17 2.86 -12.60	48.86 3.07 -8.41	59.43 3.14 -18.89	52.86 3.55 -4.91	46.95 3.16 -7.49	45.48 3.18 -7.75	43.59 3.03 -8.96	35.83 2.51 -4.48	33.80 1.88 -5.77

BRISTLHL_115KV_TB1 79998	26.63 -0.54 -0.33	22.71 -0.47 -0.68	21.81 -0.43 -0.71	21.59 -0.43 -0.71	22.36 -0.40 -0.72	26.43 -0.48 -0.50	35.09 -0.71 -0.16	38.65 -0.66 -0.52	36.74 -0.63 -0.58	32.31 -0.52 -0.49	30.42 -0.49 -0.51	28.38 -0.46 -0.06	27.95 -0.48 0.00	28.12 -0.52 0.08	29.11 -0.54 0.13	30.60 -0.52 -0.41	36.68 -0.64 0.07	37.62 -0.60 -0.82	42.63 -0.89 0.88	35.00 -0.76 0.54	33.31 -0.76 0.49	30.57 -0.63 0.39	28.07 -0.58 0.19	25.62 -0.50 0.03
BROOKHAVEN___DRP 24191	32.65 1.80 -4.01	32.06 1.28 -8.27	31.63 1.40 -8.71	31.02 1.00 -8.73	31.87 1.04 -8.79	34.50 1.98 -6.12	41.33 3.60 -2.08	48.16 3.03 -6.35	46.76 3.16 -6.81	42.87 3.07 -7.47	40.61 2.04 -8.18	37.98 1.99 -7.22	37.03 1.99 -6.60	36.71 2.01 -5.98	44.10 2.80 -11.52	46.01 2.70 -12.60	48.75 2.95 -8.41	59.43 3.14 -18.89	52.82 3.51 -4.91	46.88 3.09 -7.49	45.26 3.04 -7.67	43.43 2.97 -8.87	35.72 2.39 -4.48	33.75 1.83 -5.77
BROOKLYN_NAVY_YARD 23515	32.63 1.77 -4.01	32.20 1.42 -8.27	31.55 1.31 -8.71	31.30 1.28 -8.72	32.17 1.34 -8.79	34.21 1.69 -6.12	40.17 2.57 -1.95	47.89 2.75 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.74 2.43 -12.60	48.72 2.92 -8.41	59.12 2.84 -18.88	52.61 3.29 -4.92	46.52 2.72 -7.49	39.37 2.49 -2.33	36.09 2.28 -2.23	34.89 2.02 -4.03	33.01 1.67 -5.19
BROOKLYN___ARMY_DRP 323595	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.49 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.60 3.29 -4.91	46.63 2.83 -7.49	39.47 2.59 -2.33	36.46 2.40 -2.47	35.46 2.13 -4.48	33.77 1.86 -5.77
BROOKVLE_69_KV_TB1 55790	32.76 1.91 -4.01	32.24 1.46 -8.27	31.63 1.40 -8.71	31.26 1.24 -8.73	32.13 1.30 -8.79	34.35 1.82 -6.12	40.73 3.03 -2.06	48.20 3.06 -6.35	46.73 3.13 -6.81	43.57 2.88 -8.36	41.28 2.71 -8.18	38.93 2.59 -7.56	37.63 2.59 -6.61	37.32 2.61 -5.98	47.20 2.71 -14.72	46.04 2.73 -12.60	48.98 3.18 -8.41	59.47 3.18 -18.90	52.86 3.55 -4.91	46.82 3.01 -7.49	48.05 2.90 -10.60	46.62 2.65 -12.38	35.60 2.28 -4.48	33.75 1.83 -5.77
BROOME_2_LFGE 323671	28.16 0.00 -1.31	25.22 0.00 -2.71	24.40 0.02 -2.86	24.18 0.02 -2.86	24.99 0.07 -2.88	28.43 0.05 -1.98	36.42 0.14 -0.63	41.15 0.31 -2.06	39.25 0.26 -2.21	34.45 0.23 -1.89	33.25 0.21 -2.64	31.11 0.17 -2.16	30.71 0.14 -2.13	30.83 0.17 -1.93	47.20 2.71 -14.72	46.04 2.73 -12.60	48.98 3.18 -8.41	59.47 3.18 -18.90	52.86 3.55 -4.91	46.82 3.01 -7.49	48.05 2.90 -10.60	46.62 2.65 -12.38	35.60 2.28 -4.48	33.75 1.83 -5.77
BROOME___LFGE 323600	28.16 0.00 -1.31	25.22 0.00 -2.71	24.40 0.02 -2.86	24.18 0.02 -2.86	24.99 0.07 -2.88	28.43 0.05 -1.98	36.42 0.14 -0.63	41.15 0.31 -2.06	39.25 0.26 -2.21	34.45 0.23 -1.89	33.25 0.21 -2.64	31.11 0.17 -2.16	30.71 0.14 -2.13	30.83 0.17 -1.93	47.20 2.71 -14.72	46.04 2.73 -12.60	48.98 3.18 -8.41	59.47 3.18 -18.90	52.86 3.55 -4.91	46.82 3.01 -7.49	48.05 2.90 -10.60	46.62 2.65 -12.38	35.60 2.28 -4.48	33.75 1.83 -5.77
BROWNFLS_115KV_TB_3_5 80003	26.32 -0.67 -0.14	22.27 -0.54 -0.30	21.15 -0.69 -0.31	20.97 -0.64 -0.31	21.45 -0.90 -0.31	25.70 -0.92 -0.22	34.90 -0.82 -0.07	37.89 -1.12 -0.23	35.71 -1.32 -0.25	31.06 -1.49 -0.21	25.29 -1.46 3.65	16.78 -1.41 10.58	15.57 -1.39 11.48	15.19 -1.41 12.13	15.69 -1.46 12.63	16.36 -1.47 12.88	19.69 -1.72 15.97	20.26 -1.80 15.35	22.85 -2.18 19.38	18.79 -1.74 15.77	18.51 -1.62 14.42	16.96 -1.64 12.99	15.00 -1.70 12.14	13.72 -1.60 10.84
BROWNSV1_27_KV_LOAD 356125	32.84 1.99 -4.01	32.38 1.60 -8.27	31.72 1.49 -8.71	31.47 1.45 -8.72	32.33 1.50 -8.79	34.40 1.87 -6.12	40.45 2.85 -1.95	48.24 3.10 -6.35	46.69 3.09 -6.81	40.95 2.78 -5.84	41.23 2.67 -8.17	38.01 2.56 -6.68	37.59 2.56 -6.59	37.28 2.59 -5.97	38.12 2.65 -5.69	46.04 2.73 -12.60	49.09 3.29 -8.41	59.49 3.22 -18.88	52.87 3.55 -4.92	46.85 3.05 -7.49	39.71 2.83 -2.33	36.65 2.59 -2.47	35.57 2.25 -4.48	33.80 1.88 -5.77
BURROWS___LYONSDAL 23803	27.00 0.00 -0.15	22.85 0.02 -0.32	21.86 0.00 -0.33	21.61 -0.02 -0.33	22.31 -0.07 -0.34	26.69 0.05 -0.23	35.90 0.18 -0.07	39.38 0.35 -0.24	37.34 0.29 -0.27	32.62 0.06 -0.23	29.74 0.06 0.71	26.21 0.00 2.56	25.61 -0.03 2.80	25.73 0.00 2.99	26.67 0.03 3.13	27.74 0.03 2.99	33.65 0.19 3.92	34.21 0.26 3.45	39.62 0.27 5.05	32.44 0.18 4.05	31.06 0.21 3.70	28.31 0.03 3.31	25.66 -0.14 3.03	23.31 -0.18 2.66
CAITHNESS_CC_1 323624	32.63 1.77 -4.01	32.04 1.26 -8.27	31.40 1.16 -8.71	31.05 1.02 -8.73	31.91 1.08 -8.79	34.50 1.98 -6.12	41.08 3.35 -2.08	48.00 2.87 -6.35	46.65 3.05 -6.81	42.81 3.01 -7.47	40.67 2.10 -8.18	38.04 2.04 -7.22	37.09 2.05 -6.60	36.80 2.10 -5.98	44.00 2.71 -11.52	45.98 2.67 -12.60	48.64 2.84 -8.41	59.28 2.99 -18.89	52.82 3.51 -4.91	46.77 2.98 -7.49	45.12 2.98 -7.67	42.99 2.78 -8.62	35.21 2.34 -4.03	33.09 1.75 -5.19
CALPINE BETH_PAGE_GT4 24209	32.76 1.91 -4.01	32.17 1.40 -8.27	31.59 1.36 -8.71	31.11 1.09 -8.73	32.00 1.17 -8.79	34.32 1.80 -6.12	40.86 3.14 -2.07	48.08 2.95 -6.35	46.65 3.05 -6.81	43.01 2.88 -7.81	41.16 2.58 -8.18	38.63 2.50 -7.35	37.57 2.53 -6.60	37.26 2.56 -5.98	45.18 2.68 -12.73	45.89 2.58 -12.60	48.64 2.84 -8.41	59.17 2.88 -18.89	52.59 3.29 -4.91	46.63 2.83 -7.49	46.09 2.76 -8.78	44.50 2.72 -10.20	35.66 2.34 -4.48	33.72 1.80 -5.77
CALPINE_BETH_PAGE_GT_4 323586	32.76 1.91 -4.01	32.17 1.40 -8.27	31.50 1.27 -8.71	31.19 1.17 -8.73	32.09 1.26 -8.79	34.43 1.90 -6.12	40.86 3.14 -2.07	48.08 2.95 -6.35	46.65 3.05 -6.81	43.01 2.88 -7.81	41.15 2.58 -8.18	38.63 2.50 -7.35	37.57 2.53 -6.60	37.26 2.56 -5.98	45.19 2.68 -12.73	45.92 2.61 -12.60	48.64 2.84 -8.41	59.17 2.88 -18.89	52.73 3.42 -4.91	46.67 2.87 -7.49	46.06 2.73 -8.78	44.16 2.62 -9.95	35.21 2.34 -4.03	33.14 1.80 -5.19
CALPINE_BP_GT1 23823	32.76 1.91 -4.01	32.17 1.40 -8.27	31.50 1.27 -8.71	31.19 1.17 -8.73	32.09 1.26 -8.79	34.43 1.90 -6.12	40.86 3.14 -2.07	48.08 2.95 -6.35	46.65 3.05 -6.81	43.01 2.88 -7.81	41.15 2.58 -8.18	38.63 2.50 -7.35	37.57 2.53 -6.60	37.26 2.56 -5.98	45.19 2.68 -12.73	45.92 2.61 -12.60	48.64 2.84 -8.41	59.17 2.88 -18.89	52.73 3.42 -4.91	46.67 2.87 -7.49	46.06 2.73 -8.78	44.16 2.62 -9.95	35.21 2.34 -4.03	33.14 1.80 -5.19
CALSPAN___DRP 24200	25.52 -1.96 -0.64	22.21 -1.62 -1.32	21.39 -1.53 -1.39	21.14 -1.55 -1.39	21.81 -1.63 -1.41	25.17 -2.03 -0.80	32.98 -2.92 -0.26	36.36 -3.26 -0.83	34.48 -3.20 -0.89	30.38 -2.72 -0.77	28.94 -2.52 -1.07	27.26 -2.39 -0.88	26.94 -2.36 -0.86	27.12 -2.38 -0.78	28.02 -2.50 -0.75	29.74 -2.61 -1.64	35.27 -3.22 -1.10	36.64 -3.22 -2.46	40.18 -4.22 0.01	32.95 -3.63 -0.28	31.44 -3.39 -0.27	28.86 -3.06 -0.34	26.91 -2.54 -0.61	25.03 -2.04 -0.92

CALVERTON___SOLAR 323806	32.71 1.85 -4.01	32.08 1.31 -8.27	31.46 1.23 -8.71	31.09 1.06 -8.73	31.93 1.10 -8.79	34.64 2.11 -6.12	41.29 3.56 -2.08	48.24 3.10 -6.35	46.87 3.27 -6.81	42.97 3.17 -7.47	40.54 1.97 -8.18	37.92 1.93 -7.22	36.97 1.93 -6.60	36.66 1.95 -5.98	44.16 2.86 -11.52	46.11 2.79 -12.60	48.86 3.07 -8.41	59.58 3.29 -18.89	53.08 3.77 -4.91	47.03 3.23 -7.49	45.33 3.11 -7.67	43.12 2.90 -8.63	35.33 2.45 -4.03	33.22 1.88 -5.19
CANDIGU_WT_PWR 323617	26.39 -1.34 -0.89	23.21 -1.12 -1.83	22.41 -1.03 -1.93	22.18 -1.04 -1.93	22.90 -1.08 -1.94	26.29 -1.37 -1.26	34.19 -1.86 -0.40	38.20 -1.90 -1.31	36.24 -1.95 -1.41	31.73 -1.81 -1.20	30.35 -1.73 -1.68	28.46 -1.70 -1.38	28.09 -1.71 -1.36	28.23 -1.72 -1.23	29.13 -1.82 -1.17	31.46 -1.84 -2.59	36.87 -2.24 -1.73	39.18 -2.09 -3.88	41.47 -2.93 0.00	34.32 -2.43 -0.45	32.68 -2.31 -0.44	29.90 -2.12 -0.43	27.71 -1.90 -0.78	25.62 -1.60 -1.07
CARR STREET_E_SYR 24060	26.87 -0.35 -0.37	22.97 -0.32 -0.77	22.06 -0.28 -0.81	21.83 -0.28 -0.81	22.62 -0.24 -0.82	26.71 -0.26 -0.57	35.40 -0.43 -0.18	39.00 -0.39 -0.60	37.06 -0.37 -0.65	32.59 -0.29 -0.55	30.78 -0.24 -0.63	28.77 -0.26 -0.25	28.39 -0.26 -0.20	28.59 -0.26 -0.12	29.59 -0.27 -0.08	31.17 -0.25 -0.71	37.30 -0.30 -0.21	38.28 -0.30 -1.18	43.08 -0.62 0.70	35.43 -0.51 0.37	33.74 -0.48 0.33	30.89 -0.41 0.28	28.37 -0.38 0.10	25.88 -0.31 -0.04
CARTHAGE___PAPER 23857	26.46 -0.59 -0.21	22.49 -0.45 -0.43	21.48 -0.49 -0.45	21.24 -0.51 -0.45	21.90 -0.59 -0.45	26.17 -0.56 -0.32	35.25 -0.50 -0.10	38.73 -0.39 -0.34	36.59 -0.55 -0.36	31.86 -0.78 -0.31	28.25 -0.82 1.33	23.43 -0.86 4.48	22.70 -0.85 4.89	22.66 -0.86 5.20	23.47 -0.86 5.44	24.61 -0.80 5.30	29.76 -0.79 6.83	30.28 -0.64 6.48	34.63 -0.76 9.01	28.46 -0.58 7.26	27.36 -0.55 6.64	24.91 -0.70 5.98	22.38 -0.92 5.54	20.33 -0.92 4.90
CASSADAGA_WT_PWR 323784	25.34 -2.17 -0.67	22.05 -1.85 -1.39	21.24 -1.74 -1.46	20.97 -1.79 -1.46	21.49 -2.03 -1.47	24.68 -2.59 -0.86	32.25 -3.67 -0.28	35.57 -4.11 -0.89	33.73 -4.01 -0.96	29.60 -3.56 -0.82	28.26 -3.28 -1.15	26.55 -3.17 -0.94	26.15 -3.21 -0.92	26.37 -3.19 -0.84	27.27 -3.31 -0.80	29.03 -3.44 -1.76	34.45 -4.11 -1.18	36.11 -3.93 -2.64	39.33 -5.06 0.01	32.43 -4.17 -0.30	30.90 -3.94 -0.29	28.25 -3.63 -0.29	26.22 -3.14 -0.52	24.26 -2.69 -0.81
CE_DUNWOOD___DRP 24194	32.49 1.64 -4.01	32.07 1.31 -8.26	31.45 1.23 -8.70	31.21 1.19 -8.72	32.08 1.26 -8.78	34.07 1.56 -6.11	40.02 2.42 -1.95	47.76 2.64 -6.34	46.20 2.61 -6.81	40.52 2.36 -5.83	40.80 2.25 -8.16	37.58 2.13 -6.67	37.16 2.13 -6.58	36.84 2.15 -5.96	37.69 2.23 -5.69	45.57 2.27 -12.59	48.55 2.77 -8.40	58.99 2.73 -18.86	52.39 2.97 -5.01	46.44 2.54 -7.59	39.26 2.38 -2.33	36.21 2.15 -2.47	35.16 1.85 -4.48	33.45 1.54 -5.76
CE_MILLWOOD___DRP 24193	32.43 1.58 -4.00	32.04 1.28 -8.24	31.41 1.21 -8.69	31.15 1.15 -8.70	32.02 1.21 -8.77	34.04 1.53 -6.10	39.95 2.35 -1.95	47.67 2.56 -6.33	46.12 2.54 -6.79	40.44 2.30 -5.82	40.69 2.16 -8.14	37.51 2.07 -6.66	37.09 2.08 -6.57	36.77 2.10 -5.95	37.59 2.14 -5.68	45.49 2.21 -12.57	48.43 2.65 -8.39	58.88 2.66 -18.82	52.46 2.89 -5.17	46.48 2.43 -7.74	39.18 2.31 -2.32	36.14 2.08 -2.47	35.10 1.79 -4.47	33.39 1.49 -5.75
CE_NYC2_DRP 24202	32.82 1.96 -4.02	32.38 1.60 -8.27	31.70 1.46 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.29 1.77 -6.12	40.13 2.53 -1.95	47.89 2.75 -6.35	46.36 2.76 -6.81	40.69 2.52 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.08 2.38 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.79 2.99 -8.41	59.08 2.80 -18.88	52.47 3.15 -4.91	46.52 2.72 -7.49	39.44 2.56 -2.33	36.43 2.37 -2.47	35.43 2.11 -4.48	33.72 1.80 -5.77
CE_NYC_DRP 24195	32.71 1.85 -4.01	32.29 1.51 -8.27	31.63 1.40 -8.71	31.36 1.34 -8.72	32.24 1.41 -8.79	34.27 1.74 -6.12	39.96 2.60 -1.71	47.64 2.87 -5.99	46.11 2.87 -6.45	40.75 2.59 -5.84	41.02 2.46 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.08 2.38 -5.97	37.91 2.44 -5.69	45.45 2.52 -12.23	48.16 3.03 -7.74	57.85 2.92 -17.53	51.56 3.24 -3.91	45.98 2.76 -6.91	39.51 2.63 -2.33	36.46 2.40 -2.47	35.40 2.08 -4.48	33.67 1.75 -5.77
CHAFFEE___LFGE 323603	25.55 -1.96 -0.66	22.23 -1.64 -1.37	21.43 -1.53 -1.44	21.21 -1.53 -1.44	21.84 -1.65 -1.45	25.21 -2.03 -0.84	33.10 -2.82 -0.27	36.60 -3.06 -0.88	34.75 -2.98 -0.94	30.55 -2.59 -0.81	29.12 -2.40 -1.12	27.42 -2.27 -0.92	27.10 -2.25 -0.91	27.30 -2.24 -0.82	28.20 -2.35 -0.78	29.98 -2.46 -1.73	35.51 -3.03 -1.15	37.02 -2.96 -2.58	40.36 -4.04 0.01	33.22 -3.38 -0.29	31.66 -3.18 -0.29	29.00 -2.87 -0.29	26.91 -2.45 -0.51	24.93 -2.01 -0.80
CHATEAUG_35_KV_LOAD 355732	26.19 -0.72 -0.07	22.01 -0.65 -0.15	20.71 -0.97 -0.16	20.58 -0.87 -0.16	20.86 -1.34 -0.16	24.99 -1.53 -0.11	34.18 -1.50 -0.04	36.65 -2.25 -0.12	34.34 -2.57 -0.13	29.76 -2.68 -0.11	20.01 -2.71 7.68	4.81 -2.59 21.37	2.74 -2.56 23.14	1.66 -2.67 24.40	1.59 -2.80 25.38	1.56 -2.92 26.23	1.41 -3.81 32.17	1.96 -3.96 31.48	1.03 -4.88 38.48	1.00 -3.85 31.46	2.11 -3.66 28.78	2.29 -3.38 25.92	1.34 -3.17 24.33	1.46 -2.88 21.81
CHATEAUG_WT_PWR 323614	26.22 -0.70 -0.07	22.03 -0.63 -0.15	20.74 -0.95 -0.16	20.61 -0.85 -0.16	20.88 -1.32 -0.16	25.01 -1.50 -0.11	34.15 -1.53 -0.04	36.62 -2.29 -0.12	34.26 -2.65 -0.13	29.66 -2.78 -0.11	19.89 -2.83 7.68	4.70 -2.71 21.37	2.60 -2.70 23.14	1.51 -2.81 24.40	1.45 -2.95 25.38	1.40 -3.07 26.23	1.22 -4.00 32.17	2.76 -4.00 30.63	2.01 -4.93 37.47	1.72 -3.96 30.63	2.80 -3.73 28.02	2.86 -3.44 25.28	1.84 -3.23 23.78	1.90 -2.90 21.35
CHAT_HIGH_FALL_HYD 323578	26.19 -0.72 -0.07	22.01 -0.65 -0.15	20.71 -0.97 -0.16	20.58 -0.87 -0.16	20.86 -1.34 -0.16	24.99 -1.53 -0.11	34.18 -1.50 -0.04	36.65 -2.25 -0.12	34.34 -2.57 -0.13	29.76 -2.68 -0.11	20.01 -2.71 7.68	4.81 -2.59 21.37	2.74 -2.56 23.14	1.66 -2.67 24.40	1.59 -2.80 25.38	1.56 -2.92 26.23	1.41 -3.81 32.17	1.96 -3.96 31.48	1.03 -4.88 38.48	1.00 -3.85 31.46	2.11 -3.66 28.78	2.29 -3.38 25.92	1.34 -3.17 24.33	1.46 -2.88 21.81
CHAUTAUQUA___LFGE 323629	25.57 -1.93 -0.66	22.24 -1.62 -1.36	21.42 -1.53 -1.43	21.17 -1.55 -1.43	21.76 -1.72 -1.44	25.07 -2.16 -0.83	32.81 -3.10 -0.27	36.12 -3.53 -0.86	34.29 -3.42 -0.93	30.18 -2.94 -0.79	28.80 -2.71 -1.11	27.09 -2.59 -0.91	26.72 -2.62 -0.89	26.92 -2.61 -0.81	27.81 -2.74 -0.77	29.55 -2.85 -1.70	35.01 -3.52 -1.14	36.50 -3.44 -2.55	39.78 -4.62 0.01	32.82 -3.78 -0.29	31.31 -3.52 -0.28	28.71 -3.16 -0.28	26.66 -2.68 -0.50	24.76 -2.17 -0.79
CHERRYST_13_KV_LD 356241	32.79 1.93 -4.01	32.33 1.55 -8.27	31.68 1.44 -8.71	31.41 1.38 -8.72	32.28 1.45 -8.79	34.32 1.80 -6.12	40.06 2.71 -1.71	47.76 2.99 -5.99	46.22 2.98 -6.45	40.85 2.68 -5.84	41.14 2.58 -8.17	37.93 2.47 -6.68	37.50 2.47 -6.59	37.19 2.50 -5.97	38.00 2.53 -5.69	45.54 2.61 -12.23	48.31 3.18 -7.74	58.00 3.07 -17.53	51.69 3.37 -3.91	46.09 2.87 -6.91	39.58 2.69 -2.33	36.56 2.50 -2.47	35.46 2.13 -4.48	33.72 1.80 -5.77







E179THST_138_KV_TB4_REV_LBMP_J 345001	32.88 2.01 -4.02	32.42 1.64 -8.27	31.74 1.51 -8.71	31.47 1.45 -8.73	32.33 1.50 -8.79	34.27 1.74 -6.12	39.95 2.35 -1.95	47.69 2.56 -6.35	46.17 2.57 -6.81	40.53 2.36 -5.84	40.84 2.28 -8.17	37.67 2.22 -6.68	37.25 2.22 -6.59	36.94 2.24 -5.97	37.73 2.26 -5.69	45.61 2.30 -12.60	48.60 2.80 -8.41	58.86 2.58 -18.88	52.25 2.93 -4.91	46.34 2.54 -7.49	39.26 2.38 -2.33	36.28 2.21 -2.47	35.34 2.02 -4.48	33.72 1.80 -5.77
E179THST_13_KV_LOAD 356214	32.98 2.12 -4.02	32.51 1.73 -8.27	31.80 1.57 -8.71	31.53 1.51 -8.73	32.39 1.56 -8.79	34.34 1.82 -6.12	40.09 2.50 -1.95	47.85 2.71 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.77 2.46 -12.60	48.79 2.99 -8.41	59.08 2.80 -18.88	52.47 3.15 -4.91	46.52 2.72 -7.49	39.40 2.52 -2.33	36.40 2.34 -2.47	35.46 2.13 -4.48	33.80 1.88 -5.77
EAST HAMPTON___GT 23717	33.35 2.50 -4.01	32.60 1.82 -8.27	31.89 1.66 -8.71	31.45 1.43 -8.73	32.22 1.39 -8.79	34.85 2.32 -6.12	41.40 3.67 -2.08	48.24 3.10 -6.35	46.72 3.12 -6.81	42.84 3.04 -7.47	40.09 1.52 -8.18	37.69 1.70 -7.22	36.72 1.68 -6.60	36.37 1.67 -5.98	43.89 2.59 -11.53	45.64 2.33 -12.60	48.41 2.62 -8.41	59.24 2.95 -18.89	52.64 3.33 -4.91	46.59 2.80 -7.49	44.82 2.59 -7.67	42.62 2.40 -8.63	34.78 1.90 -4.03	32.96 1.62 -5.19
EAST RIVER___6 23660	32.73 1.88 -4.01	32.29 1.51 -8.27	31.61 1.38 -8.71	31.36 1.34 -8.72	32.24 1.41 -8.79	34.29 1.77 -6.12	39.88 2.53 -1.71	47.57 2.79 -5.99	46.07 2.83 -6.45	40.72 2.55 -5.84	41.02 2.46 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.08 2.38 -5.97	37.88 2.41 -5.69	45.42 2.49 -12.23	48.15 3.03 -7.74	57.85 2.92 -17.53	51.65 3.33 -3.91	45.95 2.72 -6.91	39.47 2.59 -2.33	36.19 2.37 -2.23	34.98 2.10 -4.03	33.09 1.75 -5.19
EAST RIVER___7 23524	32.73 1.88 -4.01	32.29 1.51 -8.27	31.61 1.38 -8.71	31.36 1.34 -8.72	32.24 1.41 -8.79	34.29 1.77 -6.12	39.88 2.53 -1.71	47.57 2.79 -5.99	46.07 2.83 -6.45	40.72 2.55 -5.84	41.02 2.46 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.08 2.38 -5.97	37.88 2.41 -5.69	45.42 2.49 -12.23	48.15 3.03 -7.74	57.85 2.92 -17.53	51.65 3.33 -3.91	45.95 2.72 -6.91	39.47 2.59 -2.33	36.19 2.37 -2.23	34.98 2.10 -4.03	33.09 1.75 -5.19
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.49 1.64 -4.01	32.07 1.31 -8.26	31.45 1.23 -8.70	31.21 1.19 -8.72	32.08 1.26 -8.78	34.07 1.56 -6.11	40.02 2.42 -1.95	47.76 2.64 -6.34	46.20 2.61 -6.81	40.52 2.36 -5.83	40.80 2.25 -8.16	37.58 2.13 -6.67	37.16 2.13 -6.58	36.84 2.15 -5.96	37.69 2.23 -5.69	45.57 2.27 -12.59	48.55 2.77 -8.40	58.99 2.73 -18.86	52.39 2.97 -5.01	46.44 2.54 -7.59	39.26 2.38 -2.33	36.21 2.15 -2.47	35.16 1.85 -4.48	33.45 1.54 -5.76
EAST_HAMPTON___DIESEL 23722	33.35 2.50 -4.01	32.60 1.82 -8.27	31.89 1.66 -8.71	31.45 1.43 -8.73	32.22 1.39 -8.79	34.82 2.30 -6.12	41.33 3.60 -2.08	48.16 3.03 -6.35	46.65 3.05 -6.81	42.77 2.97 -7.47	40.00 1.43 -8.18	37.63 1.64 -7.22	36.63 1.59 -6.60	36.31 1.61 -5.98	43.83 2.53 -11.53	45.55 2.24 -12.60	48.30 2.51 -8.41	59.13 2.84 -18.89	52.51 3.20 -4.91	46.48 2.69 -7.49	44.74 2.52 -7.67	42.52 2.30 -8.63	34.69 1.82 -4.03	32.91 1.57 -5.19
EAST_POINT___SOLAR 323840	33.15 1.29 -5.02	33.94 1.08 -10.35	33.48 1.05 -10.90	33.28 1.06 -10.92	34.23 1.19 -11.00	35.59 1.53 -7.66	40.44 2.35 -2.45	49.53 2.79 -7.95	47.93 2.61 -8.53	41.54 1.91 -7.31	42.26 1.64 -10.22	38.23 1.09 -8.36	37.35 0.65 -8.25	37.15 0.95 -7.47	37.97 1.07 -7.13	48.11 1.63 -15.78	50.12 2.21 -10.53	63.46 2.43 -23.64	48.35 2.84 -1.10	42.77 2.18 -4.29	39.69 2.04 -3.10	36.45 1.90 -2.96	35.70 1.50 -5.36	34.31 1.26 -6.90
EAST_PULASKI___ESR 323781	26.66 -0.48 -0.30	22.73 -0.40 -0.63	21.79 -0.39 -0.66	21.58 -0.38 -0.66	22.33 -0.37 -0.67	26.44 -0.42 -0.46	35.19 -0.61 -0.15	38.78 -0.51 -0.50	36.80 -0.52 -0.53	32.30 -0.48 -0.46	30.07 -0.46 -0.13	27.45 -0.46 0.86	26.95 -0.48 1.00	27.11 -0.49 1.13	28.05 -0.51 1.21	29.46 -0.49 0.75	35.38 -0.56 1.45	36.18 -0.52 0.70	41.03 -0.80 2.57	33.75 -0.62 1.94	32.23 -0.55 1.76	29.50 -0.51 1.58	26.94 -0.55 1.36	24.57 -0.47 1.11
EAST_RIVER___1 323558	32.71 1.85 -4.01	32.29 1.51 -8.27	31.61 1.38 -8.71	31.36 1.34 -8.72	32.24 1.41 -8.79	34.26 1.74 -6.12	39.95 2.60 -1.71	47.64 2.87 -5.99	46.11 2.87 -6.45	40.75 2.59 -5.84	41.02 2.46 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.08 2.38 -5.97	37.91 2.44 -5.69	45.45 2.52 -12.23	48.15 3.03 -7.74	57.85 2.92 -17.53	51.74 3.42 -3.91	46.02 2.80 -6.91	39.47 2.59 -2.33	36.15 2.34 -2.23	34.95 2.08 -4.03	33.09 1.75 -5.19
EAST_RIVER___2 323559	32.73 1.88 -4.01	32.29 1.51 -8.27	31.61 1.38 -8.71	31.36 1.34 -8.72	32.24 1.41 -8.79	34.29 1.77 -6.12	39.88 2.53 -1.71	47.57 2.79 -5.99	46.07 2.83 -6.45	40.72 2.55 -5.84	41.02 2.46 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.08 2.38 -5.97	37.88 2.41 -5.69	45.42 2.49 -12.23	48.15 3.03 -7.74	57.85 2.92 -17.53	51.65 3.33 -3.91	45.95 2.72 -6.91	39.47 2.59 -2.33	36.19 2.37 -2.23	34.98 2.10 -4.03	33.09 1.75 -5.19
EAST___DELAWARE_HYD 23607	32.14 1.56 -3.74	31.47 1.26 -7.70	30.84 1.20 -8.11	30.57 1.15 -8.13	31.48 1.26 -8.19	33.63 1.53 -5.70	39.82 2.35 -1.82	47.34 2.64 -5.91	45.78 2.65 -6.35	40.03 2.26 -5.44	40.10 2.10 -7.61	36.95 1.96 -6.22	36.48 1.91 -6.14	36.21 1.92 -5.56	37.10 2.03 -5.30	44.59 2.15 -11.74	47.91 2.69 -7.83	57.71 2.73 -17.58	48.10 2.93 -0.77	41.59 2.40 -2.89	38.89 2.28 -2.06	35.45 1.90 -1.97	34.07 1.67 -3.56	32.12 1.38 -4.58
EIGHT_POINT___WT_PWR 323820	26.35 -1.31 -0.82	23.08 -1.12 -1.70	22.25 -1.05 -1.79	22.02 -1.06 -1.79	22.76 -1.08 -1.80	26.22 -1.35 -1.16	34.16 -1.86 -0.37	38.14 -1.86 -1.21	36.06 -2.02 -1.30	31.51 -1.94 -1.11	30.10 -1.86 -1.56	28.21 -1.84 -1.28	27.85 -1.85 -1.25	27.99 -1.87 -1.14	28.77 -2.08 -1.08	30.92 -2.18 -2.40	36.33 -2.65 -1.60	38.44 -2.54 -3.59	40.76 -3.64 0.00	33.82 -2.91 -0.41	32.19 -2.77 -0.41	29.49 -2.50 -0.40	27.25 -2.31 -0.72	25.23 -1.91 -0.99
ELBRIDGE_115KV_TB2 80188	26.96 -0.32 -0.44	23.12 -0.29 -0.90	22.21 -0.26 -0.95	21.99 -0.26 -0.95	22.80 -0.20 -0.96	26.84 -0.24 -0.67	35.47 -0.39 -0.21	39.13 -0.35 -0.69	37.21 -0.33 -0.76	32.72 -0.26 -0.65	31.06 -0.24 -0.91	29.29 -0.23 -0.74	28.90 -0.26 -0.72	29.12 -0.26 -0.65	30.13 -0.27 -0.62	31.84 -0.25 -1.38	38.01 -0.30 -0.92	39.20 -0.26 -2.06	43.91 -0.49 0.00	36.07 -0.47 -0.24	34.34 -0.45 -0.23	31.45 -0.41 -0.27	28.99 -0.35 -0.49	26.49 -0.29 -0.63
ELEC_TRO_TEK 24086	32.57 1.72 -4.01	32.06 1.28 -8.27	31.48 1.25 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.19 1.66 -6.12	40.59 2.89 -2.05	47.89 2.75 -6.35	46.47 2.87 -6.81	43.51 2.65 -8.53	40.98 2.40 -8.18	38.71 2.30 -7.63	37.38 2.33 -6.61	37.09 2.38 -5.99	47.57 2.47 -15.32	45.80 2.49 -12.60	48.60 2.80 -8.41	59.10 2.80 -18.90	52.46 3.15 -4.91	46.53 2.72 -7.50	48.33 2.63 -11.15	47.10 2.46 -13.04	35.46 2.13 -4.48	33.56 1.65 -5.77

ELLENBURG_WT_PWR 323604	26.22 -0.70 -0.07	22.03 -0.63 -0.15	20.74 -0.95 -0.16	20.61 -0.85 -0.16	20.88 -1.32 -0.16	25.01 -1.50 -0.11	34.15 -1.53 -0.04	36.62 -2.29 -0.12	34.26 -2.65 -0.13	29.66 -2.78 -0.11	19.89 -2.83 7.68	4.70 -2.71 21.37	2.60 -2.70 23.14	1.51 -2.81 24.40	1.45 -2.95 25.38	1.40 -3.07 26.23	1.22 -4.00 32.17	2.76 -4.00 30.63	2.01 -4.93 37.47	1.72 -3.96 30.63	2.80 -3.73 28.02	2.86 -3.44 25.28	1.84 -3.23 23.78	1.90 -2.90 21.35
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.51 -1.96 -0.63	22.18 -1.62 -1.29	21.36 -1.53 -1.36	21.13 -1.53 -1.37	21.79 -1.63 -1.38	25.17 -2.01 -0.77	32.94 -2.96 -0.25	36.17 -3.41 -0.80	34.30 -3.35 -0.86	30.26 -2.81 -0.74	28.78 -2.64 -1.03	27.14 -2.47 -0.84	26.82 -2.45 -0.83	27.01 -2.47 -0.75	27.90 -2.59 -0.72	29.56 -2.73 -1.58	35.04 -3.40 -1.06	36.32 -3.44 -2.37	39.82 -4.57 0.01	32.69 -3.88 -0.27	31.19 -3.63 -0.26	28.73 -3.19 -0.33	26.83 -2.60 -0.59	25.04 -2.01 -0.90
EMPIRE_CC_1 323656	32.08 0.83 -4.41	32.29 0.70 -9.08	31.73 0.65 -9.57	31.52 0.64 -9.58	32.33 0.64 -9.65	33.92 0.79 -6.72	38.86 1.07 -2.15	46.89 1.13 -6.98	45.45 1.18 -7.49	39.78 1.03 -6.41	40.34 0.97 -8.97	37.06 0.95 -7.34	36.62 0.94 -7.24	36.17 0.89 -6.56	36.95 0.92 -6.25	45.41 0.86 -13.85	47.71 1.08 -9.24	59.18 1.05 -20.74	47.62 1.20 -2.02	42.11 0.98 -4.82	38.20 0.97 -2.68	35.01 0.85 -2.56	34.21 0.72 -4.64	32.85 0.73 -5.97
EMPIRE_CC_2 323658	32.08 0.83 -4.41	32.29 0.70 -9.08	31.73 0.65 -9.57	31.52 0.64 -9.58	32.33 0.64 -9.65	33.92 0.79 -6.72	38.86 1.07 -2.15	46.89 1.13 -6.98	45.45 1.18 -7.49	39.78 1.03 -6.41	40.34 0.97 -8.97	37.06 0.95 -7.34	36.62 0.94 -7.24	36.17 0.89 -6.56	36.95 0.92 -6.25	45.41 0.86 -13.85	47.71 1.08 -9.24	59.18 1.05 -20.74	47.62 1.20 -2.02	42.11 0.98 -4.82	38.20 0.97 -2.68	35.01 0.85 -2.56	34.21 0.72 -4.64	32.85 0.73 -5.97
ENORWICH_115KV_TB1 80156	29.44 1.34 -1.26	26.29 1.19 -2.59	25.46 1.21 -2.73	25.14 1.11 -2.73	26.00 1.21 -2.75	29.91 1.61 -1.90	38.53 2.28 -0.61	43.82 3.06 -1.97	41.81 2.91 -2.12	36.54 2.39 -1.82	35.19 2.25 -2.54	32.90 2.04 -2.08	32.36 1.88 -2.05	32.45 1.87 -1.85	33.54 1.99 -1.77	36.77 2.15 -3.91	42.88 2.88 -2.61	46.32 3.07 -5.86	47.18 3.42 0.64	39.01 2.69 -0.02	37.82 2.59 -0.67	34.48 2.12 -0.77	31.82 1.59 -1.39	29.31 1.36 -1.81
ERIE_ST_34_KV_TB1-2 80199	25.26 -2.23 -0.65	21.98 -1.87 -1.34	21.17 -1.76 -1.41	20.94 -1.77 -1.41	21.61 -1.85 -1.42	24.95 -2.27 -0.82	32.95 -2.96 -0.26	36.68 -2.95 -0.85	34.83 -2.87 -0.91	30.56 -2.55 -0.78	29.11 -2.37 -1.09	27.37 -2.30 -0.89	27.04 -2.28 -0.88	27.25 -2.27 -0.80	28.18 -2.35 -0.76	30.05 -2.33 -1.68	35.66 -2.84 -1.12	37.25 -2.66 -2.51	41.07 -3.33 0.01	33.61 -2.98 -0.28	31.96 -2.87 -0.28	29.15 -2.78 -0.34	26.92 -2.54 -0.62	24.83 -2.25 -0.93
ERIE_WT_PWR 323693	25.53 -1.96 -0.64	22.21 -1.62 -1.32	21.39 -1.53 -1.39	21.16 -1.53 -1.39	21.79 -1.65 -1.41	25.15 -2.06 -0.80	32.98 -2.92 -0.26	36.36 -3.26 -0.83	34.48 -3.20 -0.89	30.38 -2.72 -0.77	28.94 -2.52 -1.07	27.26 -2.39 -0.88	26.91 -2.39 -0.86	27.12 -2.38 -0.78	28.02 -2.50 -0.75	29.74 -2.61 -1.64	35.27 -3.22 -1.10	36.64 -3.22 -2.46	40.05 -4.35 0.01	32.95 -3.63 -0.28	31.44 -3.38 -0.27	28.86 -3.00 -0.27	26.79 -2.54 -0.49	24.88 -2.04 -0.77
ESPRGFLD_115KV_TB1 80157	27.84 0.72 -0.27	23.72 0.65 -0.55	22.77 0.67 -0.58	22.52 0.64 -0.58	23.35 0.73 -0.59	27.73 0.92 -0.40	37.20 1.43 -0.13	40.99 1.78 -0.42	38.93 1.69 -0.45	34.01 1.29 -0.38	32.12 1.19 -0.54	30.22 1.01 -0.44	29.75 0.88 -0.43	30.06 0.95 -0.39	31.19 1.04 -0.37	32.76 1.23 -0.83	39.43 1.50 -0.55	40.28 1.65 -1.24	46.18 1.78 0.00	37.68 1.38 0.00	35.83 1.28 0.00	32.89 1.14 -0.16	29.97 0.84 -0.30	27.21 0.68 -0.39
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.92 0.19 -0.89	24.48 0.14 -1.84	23.63 0.17 -1.93	23.38 0.15 -1.94	24.21 0.22 -1.95	28.04 0.29 -1.35	36.50 0.43 -0.43	40.88 0.70 -1.40	38.92 0.63 -1.51	34.11 0.48 -1.29	32.66 0.46 -1.81	30.63 0.37 -1.48	30.23 0.34 -1.45	30.38 0.34 -1.32	31.42 0.39 -1.25	33.98 0.49 -2.78	39.91 0.67 -1.85	42.34 0.79 -4.16	45.11 0.71 0.00	37.30 0.51 -0.48	35.44 0.41 -0.48	32.51 0.38 -0.55	30.06 0.23 -0.99	27.64 0.21 -1.28
ETNA____115KV_TB2 80207	27.92 0.19 -0.89	24.48 0.14 -1.84	23.63 0.17 -1.93	23.38 0.15 -1.94	24.21 0.22 -1.95	28.04 0.29 -1.35	36.50 0.43 -0.43	40.88 0.70 -1.40	38.92 0.63 -1.51	34.11 0.48 -1.29	32.66 0.46 -1.81	30.63 0.37 -1.48	30.23 0.34 -1.45	30.38 0.34 -1.32	31.42 0.39 -1.25	33.98 0.49 -2.78	39.91 0.67 -1.85	42.34 0.79 -4.16	45.11 0.71 0.00	37.30 0.51 -0.48	35.44 0.41 -0.48	32.51 0.38 -0.55	30.06 0.23 -0.99	27.64 0.21 -1.28
EUCLID____115KV_TB2 356179	26.74 -0.46 -0.35	22.85 -0.38 -0.72	21.92 -0.37 -0.76	21.72 -0.34 -0.76	22.47 -0.33 -0.77	26.54 -0.40 -0.53	35.21 -0.61 -0.17	38.72 -0.62 -0.55	36.80 -0.59 -0.60	32.36 -0.48 -0.52	30.55 -0.43 -0.58	28.57 -0.40 -0.19	28.19 -0.40 -0.15	28.36 -0.43 -0.07	29.35 -0.45 -0.03	30.89 -0.43 -0.61	37.00 -0.52 -0.14	37.94 -0.52 -1.07	42.90 -0.80 0.70	35.23 -0.69 0.39	33.52 -0.69 0.34	30.76 -0.57 0.26	28.30 -0.49 0.05	25.83 -0.42 -0.10
E_CANADA_CAP_HY 24051	32.88 0.83 -5.21	33.96 0.72 -10.73	33.52 0.69 -11.31	33.33 0.70 -11.33	34.24 0.79 -11.41	35.41 1.06 -7.94	39.86 1.68 -2.54	49.01 1.98 -8.25	47.44 1.80 -8.85	41.20 1.29 -7.58	42.12 1.13 -10.60	38.28 0.83 -8.67	37.65 0.65 -8.56	37.22 0.75 -7.75	38.03 0.86 -7.39	48.27 1.20 -16.37	49.69 1.38 -10.92	63.48 1.57 -24.52	47.16 1.82 -0.94	41.89 1.34 -4.24	39.04 1.28 -3.22	35.96 1.30 -3.07	35.39 0.98 -5.57	34.10 0.78 -7.16
E_CANADA_MHWK_HY 24050	27.73 0.83 -0.06	23.30 0.67 -0.12	22.25 0.60 -0.12	22.00 0.58 -0.12	22.74 0.57 -0.12	27.20 0.71 -0.09	36.74 1.07 -0.03	40.15 1.28 -0.09	38.17 1.29 -0.10	33.51 1.10 -0.08	31.42 0.91 -0.12	29.59 0.72 -0.10	29.16 0.62 -0.09	29.44 0.63 -0.08	30.48 0.63 -0.08	31.50 0.61 -0.18	38.18 0.67 -0.12	38.34 0.67 -0.27	45.20 0.80 0.00	36.92 0.62 0.00	35.14 0.59 0.00	32.22 0.63 0.00	29.39 0.55 0.00	26.64 0.50 0.00
E_FISHKILL____LBMP 23776	32.32 1.42 -4.05	32.03 1.17 -8.35	31.42 1.10 -8.80	31.17 1.06 -8.81	32.02 1.10 -8.88	33.96 1.37 -6.18	39.72 2.10 -1.97	47.48 2.29 -6.41	45.95 2.28 -6.88	40.26 2.04 -5.89	40.59 1.95 -8.25	37.36 1.84 -6.74	36.94 1.85 -6.66	36.62 1.87 -6.03	37.46 1.94 -5.75	45.40 1.97 -12.73	48.27 2.39 -8.49	58.82 2.36 -19.06	50.95 2.58 -3.97	45.03 2.18 -6.55	38.96 2.04 -2.37	35.95 1.86 -2.50	34.98 1.62 -4.52	33.31 1.33 -5.82
FALCON____SEABRD_CC1 323796	26.52 -0.40 -0.07	22.28 -0.38 -0.15	20.95 -0.73 -0.16	20.82 -0.64 -0.16	21.08 -1.12 -0.16	25.28 -1.24 -0.11	34.54 -1.14 -0.04	37.04 -1.86 -0.12	34.67 -2.25 -0.13	30.05 -2.39 -0.11	20.25 -2.46 7.68	5.07 -2.33 21.37	2.94 -2.36 23.14	1.86 -2.47 24.40	1.77 -2.62 25.38	1.74 -2.73 26.23	1.67 -3.55 32.17	3.28 -3.55 30.56	2.58 -4.44 37.38	2.23 -3.52 30.56	3.28 -3.32 27.95	3.30 -3.06 25.23	2.21 -2.91 23.72	2.24 -2.61 21.30

FALCON___SEABRD_CC2 323797	26.52 -0.40 -0.07	22.28 -0.38 -0.15	20.95 -0.73 -0.16	20.82 -0.64 -0.16	21.08 -1.12 -0.16	25.28 -1.24 -0.11	34.54 -1.14 -0.04	37.04 -1.86 -0.12	34.67 -2.25 -0.13	30.05 -2.39 -0.11	20.25 -2.46 7.68	5.07 -2.33 21.37	2.94 -2.36 23.14	1.86 -2.47 24.40	1.77 -2.62 25.38	1.74 -2.73 26.23	1.67 -3.55 32.17	3.28 -3.55 30.56	2.58 -4.44 37.38	2.23 -3.52 30.56	3.28 -3.32 27.95	3.30 -3.06 25.23	2.21 -2.91 23.72	2.24 -2.61 21.30
FAR ROCKAWAY___4 23548	32.87 2.01 -4.01	32.29 1.51 -8.27	31.68 1.44 -8.71	31.26 1.24 -8.73	32.15 1.32 -8.79	34.45 1.93 -6.12	41.00 3.28 -2.07	48.35 3.22 -6.35	46.87 3.27 -6.81	43.65 3.04 -8.28	41.40 2.83 -8.18	39.00 2.68 -7.55	37.75 2.70 -6.61	37.44 2.73 -5.98	47.06 2.83 -14.45	46.20 2.89 -12.60	49.09 3.29 -8.41	59.62 3.33 -18.90	53.13 3.82 -4.91	47.00 3.20 -7.49	47.98 3.08 -10.35	46.55 2.87 -12.09	35.77 2.45 -4.48	33.82 1.91 -5.77
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.71 1.85 -4.01	32.26 1.49 -8.27	31.63 1.40 -8.71	31.36 1.34 -8.72	32.24 1.41 -8.79	34.27 1.74 -6.12	40.24 2.64 -1.95	48.00 2.87 -6.35	46.47 2.87 -6.81	40.78 2.62 -5.84	41.05 2.49 -8.17	37.84 2.39 -6.68	37.42 2.39 -6.59	37.11 2.41 -5.97	37.94 2.47 -5.69	45.83 2.52 -12.60	48.86 3.07 -8.41	59.23 2.95 -18.88	52.61 3.29 -4.92	46.59 2.80 -7.49	39.51 2.63 -2.33	36.46 2.40 -2.47	35.40 2.08 -4.48	33.67 1.75 -5.77
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.71 1.85 -4.01	32.29 1.51 -8.27	31.63 1.40 -8.71	31.36 1.34 -8.72	32.24 1.41 -8.79	34.27 1.74 -6.12	40.24 2.64 -1.95	48.00 2.87 -6.35	46.47 2.87 -6.81	40.75 2.59 -5.84	41.05 2.49 -8.17	37.84 2.39 -6.68	37.42 2.39 -6.59	37.11 2.41 -5.97	37.94 2.47 -5.69	45.83 2.52 -12.60	48.86 3.07 -8.41	59.23 2.95 -18.88	52.61 3.29 -4.92	46.59 2.80 -7.49	39.51 2.63 -2.33	36.46 2.40 -2.47	35.40 2.08 -4.48	33.67 1.75 -5.77
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.68 1.83 -4.01	32.26 1.49 -8.27	31.61 1.38 -8.71	31.34 1.32 -8.72	32.22 1.39 -8.79	34.24 1.72 -6.12	40.24 2.64 -1.95	48.00 2.87 -6.35	46.47 2.87 -6.81	40.75 2.59 -5.84	41.02 2.46 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.08 2.38 -5.97	37.91 2.44 -5.69	45.83 2.52 -12.60	48.83 3.03 -8.41	59.19 2.92 -18.88	52.56 3.24 -4.92	46.56 2.76 -7.49	39.47 2.59 -2.33	36.43 2.37 -2.47	35.40 2.08 -4.48	33.64 1.73 -5.77
FARRAGUT___LBMP 323566	32.68 1.83 -4.01	32.24 1.46 -8.27	31.61 1.38 -8.71	31.34 1.32 -8.72	32.22 1.39 -8.79	34.24 1.72 -6.12	40.20 2.60 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.79 2.99 -8.41	59.16 2.88 -18.88	52.52 3.20 -4.92	46.56 2.76 -7.49	39.47 2.59 -2.33	36.43 2.37 -2.47	35.37 2.05 -4.48	33.64 1.73 -5.77
FENNER___WINDPWR 24204	27.63 0.30 -0.49	23.77 0.25 -1.01	22.85 0.26 -1.07	22.60 0.23 -1.07	23.40 0.29 -1.08	27.55 0.40 -0.75	36.45 0.57 -0.24	40.38 0.82 -0.78	38.36 0.74 -0.84	33.63 0.58 -0.72	31.76 0.55 -0.82	29.57 0.49 -0.30	29.14 0.45 -0.24	29.35 0.49 -0.14	30.39 0.54 -0.08	32.16 0.55 -0.90	38.38 0.75 -0.25	39.69 0.79 -1.51	44.20 0.75 0.96	36.40 0.62 0.52	34.68 0.59 0.46	31.67 0.47 0.40	29.00 0.32 0.16	26.48 0.29 -0.04
FIBERTEK___ENERGY 23856	27.07 -0.19 -0.41	23.18 -0.18 -0.85	22.25 -0.17 -0.90	22.05 -0.15 -0.90	22.84 -0.11 -0.91	26.93 -0.11 -0.63	35.60 -0.25 -0.20	39.32 -0.12 -0.66	37.39 -0.11 -0.72	32.88 -0.06 -0.61	31.07 -0.06 -0.73	29.07 -0.06 -0.36	28.66 -0.09 -0.31	28.86 -0.09 -0.22	29.86 -0.09 -0.18	31.52 -0.06 -0.88	37.66 -0.07 -0.35	38.81 -0.04 -1.45	43.58 -0.22 0.61	35.78 -0.25 0.27	34.04 -0.28 0.23	31.22 -0.22 0.15	28.72 -0.20 -0.08	26.24 -0.16 -0.25
FITZPATRICK____ 23598	26.34 -0.75 -0.25	22.40 -0.63 -0.52	21.46 -0.60 -0.54	21.27 -0.57 -0.54	21.99 -0.59 -0.55	26.10 -0.69 -0.38	34.73 -1.03 -0.12	38.05 -1.13 -0.39	36.10 -1.10 -0.42	31.75 -0.94 -0.36	30.02 -0.88 -0.50	28.35 -0.84 -0.41	28.05 -0.80 -0.41	28.26 -0.83 -0.37	29.26 -0.86 -0.35	30.63 -0.86 -0.79	36.86 -1.05 -0.52	37.53 -1.05 -1.18	42.94 -1.46 0.00	35.28 -1.16 -0.13	33.57 -1.11 -0.13	30.73 -0.98 -0.12	28.23 -0.84 -0.23	25.71 -0.73 -0.29
FLOWRFLD_69_KV_BK1 356044	32.87 2.01 -4.01	32.24 1.46 -8.27	31.74 1.51 -8.71	31.17 1.15 -8.73	32.06 1.23 -8.79	34.58 2.06 -6.12	41.44 3.71 -2.08	48.39 3.26 -6.35	46.98 3.38 -6.81	43.04 3.23 -7.48	41.18 2.61 -8.18	38.50 2.50 -7.22	37.54 2.50 -6.60	37.26 2.56 -5.98	44.33 3.01 -11.55	46.26 2.95 -12.60	49.05 3.25 -8.41	59.73 3.44 -18.89	53.17 3.86 -4.91	47.17 3.38 -7.49	45.56 3.32 -7.70	43.65 3.16 -8.90	35.92 2.60 -4.48	33.88 1.96 -5.77
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.53 1.66 -4.02	32.14 1.35 -8.28	31.52 1.27 -8.73	31.27 1.24 -8.74	32.15 1.30 -8.81	34.15 1.61 -6.13	40.06 2.46 -1.96	47.86 2.71 -6.36	46.33 2.72 -6.83	40.57 2.39 -5.85	40.82 2.25 -8.18	37.57 2.10 -6.69	37.12 2.08 -6.60	36.80 2.10 -5.98	37.65 2.17 -5.70	45.64 2.30 -12.63	48.62 2.80 -8.43	59.08 2.77 -18.92	52.04 3.11 -4.52	45.97 2.58 -7.09	39.34 2.45 -2.34	36.22 2.15 -2.48	35.21 1.87 -4.49	33.50 1.57 -5.78
FORT ORANGE____ 23900	31.93 0.59 -4.50	32.24 0.45 -9.27	31.75 0.45 -9.77	31.53 0.45 -9.79	32.34 0.44 -9.86	33.85 0.58 -6.87	38.66 0.82 -2.19	46.81 0.89 -7.13	45.10 0.66 -7.65	39.40 0.52 -6.55	40.02 0.46 -9.17	36.71 0.43 -7.50	36.24 0.40 -7.40	36.00 0.57 -6.70	36.82 0.65 -6.39	45.54 0.67 -14.15	47.73 0.90 -9.45	59.53 0.94 -21.20	47.15 1.06 -1.69	41.70 0.84 -4.55	38.10 0.80 -2.76	34.89 0.66 -2.63	34.19 0.58 -4.77	32.75 0.47 -6.14
FORT_DRUM_COGEN 23780	26.50 -0.56 -0.22	22.52 -0.45 -0.46	21.56 -0.45 -0.48	21.29 -0.49 -0.49	21.98 -0.55 -0.49	26.24 -0.50 -0.34	35.29 -0.46 -0.11	38.91 -0.23 -0.35	36.81 -0.37 -0.39	32.05 -0.61 -0.33	28.67 -0.64 1.09	24.20 -0.69 3.89	23.48 -0.71 4.25	23.47 -0.72 4.53	24.32 -0.71 4.74	25.51 -0.64 4.55	30.84 -0.60 5.95	31.69 -0.45 5.26	36.28 -0.49 7.63	29.79 -0.40 6.12	28.61 -0.35 5.59	26.04 -0.54 5.01	23.47 -0.78 4.59	21.36 -0.76 4.03
FOX_HILLS___ESR 323835	32.82 1.96 -4.02	32.38 1.60 -8.27	31.68 1.44 -8.71	31.41 1.38 -8.73	32.28 1.45 -8.79	34.24 1.72 -6.12	40.09 2.50 -1.95	47.77 2.64 -6.35	46.17 2.57 -6.81	40.53 2.36 -5.84	40.84 2.28 -8.17	37.67 2.22 -6.68	37.25 2.22 -6.59	36.94 2.24 -5.97	37.76 2.29 -5.69	45.71 2.40 -12.60	48.71 2.92 -8.41	59.08 2.80 -18.88	52.47 3.15 -4.91	46.52 2.72 -7.49	39.37 2.49 -2.33	36.37 2.31 -2.47	35.40 2.08 -4.48	33.69 1.78 -5.77
FPL FAR_ROCK_GT1 24212	32.87 2.01 -4.01	32.29 1.51 -8.27	31.61 1.38 -8.71	31.28 1.26 -8.73	32.20 1.37 -8.79	34.50 1.98 -6.12	41.00 3.28 -2.07	48.35 3.22 -6.35	46.87 3.27 -6.81	43.65 3.04 -8.28	41.40 2.83 -8.18	39.00 2.68 -7.55	37.75 2.70 -6.61	37.44 2.73 -5.98	47.06 2.83 -14.45	46.20 2.89 -12.60	49.09 3.29 -8.41	59.62 3.33 -18.90	53.22 3.91 -4.91	47.03 3.23 -7.49	47.95 3.04 -10.35	46.21 2.78 -11.84	35.33 2.45 -4.03	33.25 1.91 -5.19

FPL_FAR_ROCK_GT2 23815	32.87 2.01 -4.01	32.29 1.51 -8.27	31.61 1.38 -8.71	31.28 1.26 -8.73	32.20 1.37 -8.79	34.50 1.98 -6.12	41.00 3.28 -2.07	48.35 3.22 -6.35	46.87 3.27 -6.81	43.65 3.04 -8.28	41.40 2.83 -8.18	39.00 2.68 -7.55	37.75 2.70 -6.61	37.44 2.73 -5.98	47.06 2.83 -14.45	46.20 2.89 -12.60	49.09 3.29 -8.41	59.62 3.33 -18.90	53.22 3.91 -4.91	47.03 3.23 -7.49	47.95 3.04 -10.35	46.21 2.78 -11.84	35.33 2.45 -4.03	33.25 1.91 -5.19
FRANKLIN_FALL_HYD 24054	27.06 0.11 -0.11	22.83 0.09 -0.23	21.48 -0.28 -0.24	21.43 -0.11 -0.24	21.71 -0.57 -0.24	26.10 -0.48 -0.17	36.06 0.36 -0.05	38.65 -0.31 -0.17	36.24 -0.74 -0.19	31.43 -1.07 -0.16	23.80 -0.97 5.62	12.11 -0.81 15.86	10.47 -0.80 17.18	9.74 -0.86 18.13	9.96 -0.95 18.86	10.35 -0.95 19.41	12.56 -0.93 23.89	10.84 -3.33 23.23	11.56 -4.13 28.72	9.57 -3.30 23.44	10.00 -3.11 21.44	9.36 -2.91 19.33	7.92 -2.80 18.13	7.35 -2.56 16.24
FREEPORT_EQUS_GT1 23764	32.73 1.88 -4.01	32.17 1.40 -8.27	31.48 1.25 -8.71	31.17 1.15 -8.73	32.06 1.23 -8.79	34.40 1.87 -6.12	40.85 3.14 -2.07	48.08 2.95 -6.35	46.69 3.09 -6.81	43.11 2.85 -7.93	41.15 2.58 -8.18	38.65 2.47 -7.40	37.55 2.50 -6.60	37.26 2.56 -5.98	45.64 2.68 -13.18	46.01 2.70 -12.60	48.79 2.99 -8.41	59.32 3.03 -18.89	52.90 3.60 -4.91	46.78 2.98 -7.49	46.61 2.87 -9.19	44.69 2.65 -10.45	35.18 2.31 -4.03	33.12 1.78 -5.19
FREEPORT___CT2 23818	32.73 1.88 -4.01	32.17 1.40 -8.27	31.48 1.25 -8.71	31.17 1.15 -8.73	32.06 1.23 -8.79	34.40 1.87 -6.12	40.85 3.14 -2.07	48.08 2.95 -6.35	46.69 3.09 -6.81	43.11 2.85 -7.93	41.15 2.58 -8.18	38.65 2.47 -7.40	37.55 2.50 -6.60	37.26 2.56 -5.98	45.64 2.68 -13.18	46.01 2.70 -12.60	48.79 2.99 -8.41	59.32 3.03 -18.89	52.90 3.60 -4.91	46.78 2.98 -7.49	46.61 2.87 -9.19	44.69 2.65 -10.45	35.18 2.31 -4.03	33.12 1.78 -5.19
FRESHKLS_33_KV_LOAD 356253	32.82 1.96 -4.02	32.35 1.58 -8.27	31.68 1.44 -8.71	31.39 1.36 -8.73	32.26 1.43 -8.79	34.21 1.69 -6.12	40.02 2.42 -1.95	47.69 2.56 -6.35	46.06 2.46 -6.81	40.40 2.23 -5.84	40.72 2.16 -8.17	37.55 2.10 -6.68	37.13 2.10 -6.59	36.82 2.13 -5.97	37.64 2.17 -5.69	45.61 2.30 -12.60	48.64 2.84 -8.41	59.01 2.73 -18.88	52.42 3.11 -4.91	46.45 2.65 -7.49	39.30 2.42 -2.33	36.34 2.27 -2.47	35.34 2.02 -4.48	33.67 1.75 -5.77
FULTON COGEN____ 23766	26.63 -0.54 -0.33	22.71 -0.47 -0.68	21.81 -0.43 -0.71	21.59 -0.43 -0.71	22.36 -0.40 -0.72	26.43 -0.48 -0.50	35.09 -0.71 -0.16	38.65 -0.66 -0.52	36.74 -0.63 -0.58	32.31 -0.52 -0.49	30.42 -0.49 -0.51	28.38 -0.46 -0.06	27.95 -0.48 0.00	28.12 -0.52 0.08	29.11 -0.54 0.13	30.60 -0.52 -0.41	36.68 -0.64 0.07	37.62 -0.60 -0.82	42.63 -0.89 0.88	35.00 -0.76 0.54	33.31 -0.76 0.49	30.57 -0.63 0.39	28.07 -0.58 0.19	25.62 -0.50 0.03
FULTON___LFGE 323630	32.97 1.15 -4.97	33.73 0.97 -10.25	33.27 0.95 -10.80	33.07 0.96 -10.82	34.00 1.06 -10.90	35.36 1.37 -7.59	40.14 2.07 -2.42	49.06 2.41 -7.87	47.48 2.24 -8.45	41.25 1.68 -7.24	42.01 1.49 -10.13	38.27 1.21 -8.28	37.67 1.05 -8.17	37.25 1.12 -7.40	38.08 1.25 -7.06	47.87 1.53 -15.63	49.76 1.94 -10.43	62.94 2.13 -23.41	48.07 2.53 -1.14	42.50 1.89 -4.30	39.42 1.80 -3.07	36.20 1.67 -2.93	35.48 1.33 -5.31	34.11 1.12 -6.84
G.F.CEMENT___DRP 24184	32.65 1.18 -4.63	33.04 0.99 -9.54	32.50 0.93 -10.06	32.31 0.94 -10.07	33.22 1.04 -10.15	34.77 1.29 -7.07	39.83 1.92 -2.26	48.33 2.21 -7.33	46.83 2.17 -7.87	40.85 1.78 -6.74	41.50 1.67 -9.43	38.10 1.61 -7.72	37.59 1.54 -7.61	37.09 1.46 -6.90	37.69 1.34 -6.58	46.62 1.35 -14.56	48.86 1.76 -9.72	61.04 1.83 -21.81	48.03 2.13 -1.50	42.36 1.60 -4.45	38.99 1.59 -2.85	35.77 1.33 -2.86	35.26 1.24 -5.17	34.37 1.57 -6.66
GARDENVILLE___LBMP 24039	25.50 -1.99 -0.64	22.19 -1.64 -1.32	21.36 -1.55 -1.39	21.11 -1.58 -1.39	21.79 -1.65 -1.40	25.14 -2.06 -0.80	32.91 -2.99 -0.26	36.27 -3.34 -0.83	34.36 -3.31 -0.89	30.28 -2.81 -0.76	28.84 -2.61 -1.06	27.20 -2.45 -0.87	26.85 -2.45 -0.86	27.06 -2.44 -0.78	27.95 -2.56 -0.74	29.64 -2.70 -1.63	35.15 -3.33 -1.09	36.51 -3.33 -2.44	40.00 -4.40 0.01	32.84 -3.74 -0.28	31.33 -3.49 -0.27	28.80 -3.13 -0.34	26.85 -2.60 -0.60	25.00 -2.07 -0.92
GARDNVLA_35_KV_LD 355827	25.58 -1.91 -0.64	22.26 -1.58 -1.32	21.41 -1.51 -1.39	21.18 -1.51 -1.40	21.84 -1.61 -1.41	25.23 -1.98 -0.80	33.05 -2.85 -0.26	36.44 -3.18 -0.83	34.56 -3.13 -0.90	30.45 -2.65 -0.77	29.01 -2.46 -1.07	27.32 -2.33 -0.88	27.00 -2.30 -0.86	27.21 -2.30 -0.78	28.11 -2.41 -0.75	29.81 -2.55 -1.65	35.35 -3.14 -1.10	36.72 -3.14 -2.47	40.27 -4.13 0.01	33.03 -3.56 -0.28	31.51 -3.32 -0.28	28.93 -3.00 -0.34	26.97 -2.48 -0.61	25.08 -1.99 -0.92
GELCKHM___115KV_LOAD 80723	26.87 -0.35 -0.37	22.96 -0.32 -0.77	22.05 -0.28 -0.81	21.83 -0.28 -0.81	22.61 -0.24 -0.82	26.68 -0.29 -0.57	35.36 -0.46 -0.18	38.95 -0.43 -0.59	37.02 -0.40 -0.64	32.56 -0.32 -0.55	30.76 -0.27 -0.64	28.74 -0.29 -0.26	28.36 -0.28 -0.21	28.57 -0.29 -0.13	29.56 -0.30 -0.09	31.14 -0.28 -0.71	37.27 -0.34 -0.22	38.27 -0.34 -1.21	43.16 -0.58 0.66	35.42 -0.54 0.34	33.74 -0.52 0.30	30.93 -0.44 0.22	28.46 -0.37 0.00	25.99 -0.31 -0.16
GENERAL___MILLS 23808	25.52 -1.96 -0.64	22.21 -1.62 -1.32	21.39 -1.53 -1.39	21.14 -1.55 -1.39	21.81 -1.63 -1.41	25.17 -2.03 -0.80	32.98 -2.92 -0.26	36.36 -3.26 -0.83	34.48 -3.20 -0.89	30.38 -2.72 -0.77	28.94 -2.52 -1.07	27.26 -2.39 -0.88	26.94 -2.36 -0.86	27.12 -2.38 -0.78	28.02 -2.50 -0.75	29.74 -2.61 -1.64	35.27 -3.22 -1.10	36.64 -3.22 -2.46	40.18 -4.22 0.01	32.95 -3.63 -0.28	31.44 -3.39 -0.27	28.86 -3.06 -0.34	26.91 -2.54 -0.61	25.03 -2.04 -0.92
GE_PLASTICS___DRP 24183	31.90 0.56 -4.50	32.25 0.47 -9.27	31.74 0.45 -9.77	31.53 0.45 -9.78	32.36 0.46 -9.85	33.82 0.55 -6.86	38.62 0.78 -2.19	46.76 0.85 -7.12	45.17 0.74 -7.65	39.49 0.61 -6.55	40.13 0.58 -9.16	36.82 0.55 -7.49	36.38 0.54 -7.40	36.06 0.63 -6.70	36.85 0.68 -6.39	45.56 0.71 -14.14	47.68 0.86 -9.44	59.44 0.86 -21.18	46.97 0.93 -1.63	41.56 0.76 -4.49	38.07 0.76 -2.76	35.03 0.66 -2.78	34.44 0.58 -5.03	33.08 0.47 -6.46
GILBOA___1 23756	31.20 0.70 -3.66	30.71 0.65 -7.54	30.16 0.69 -7.95	29.94 0.68 -7.96	30.76 0.71 -8.02	32.67 0.69 -5.58	38.42 1.00 -1.78	45.66 1.08 -5.79	44.07 1.07 -6.22	38.59 0.94 -5.32	38.75 0.91 -7.45	35.73 0.86 -6.09	35.30 0.85 -6.01	35.03 0.86 -5.45	35.86 0.89 -5.19	43.12 0.92 -11.50	46.10 1.05 -7.67	55.66 1.05 -17.22	46.25 1.06 -0.79	40.27 0.94 -3.02	37.62 0.90 -2.17	34.49 0.82 -2.08	33.33 0.72 -3.76	31.60 0.60 -4.85
GILBOA___2 23757	31.20 0.70 -3.66	30.71 0.65 -7.54	30.16 0.69 -7.95	29.94 0.68 -7.96	30.76 0.71 -8.02	32.67 0.69 -5.58	38.42 1.00 -1.78	45.66 1.08 -5.79	44.07 1.07 -6.22	38.59 0.94 -5.32	38.75 0.91 -7.45	35.73 0.86 -6.09	35.30 0.85 -6.01	35.03 0.86 -5.45	35.86 0.89 -5.19	43.12 0.92 -11.50	46.10 1.05 -7.67	55.66 1.05 -17.22	46.25 1.06 -0.79	40.27 0.94 -3.02	37.62 0.90 -2.17	34.49 0.82 -2.08	33.33 0.72 -3.76	31.60 0.60 -4.85

GILBOA___3 23758	31.20 0.70 -3.66	30.71 0.65 -7.54	30.16 0.69 -7.95	29.94 0.68 -7.96	30.76 0.71 -8.02	32.67 0.69 -5.58	38.42 1.00 -1.78	45.66 1.08 -5.79	44.07 1.07 -6.22	38.59 0.94 -5.32	38.75 0.91 -7.45	35.73 0.86 -6.09	35.30 0.85 -6.01	35.03 0.86 -5.45	35.86 0.89 -5.19	43.12 0.92 -11.50	46.10 1.05 -7.67	55.66 1.05 -17.22	46.25 1.06 -0.79	40.27 0.94 -3.02	37.62 0.90 -2.17	34.49 0.82 -2.08	33.33 0.72 -3.76	31.60 0.60 -4.85
GILBOA___4 23759	31.20 0.70 -3.66	30.71 0.65 -7.54	30.16 0.69 -7.95	29.94 0.68 -7.96	30.76 0.71 -8.02	32.67 0.69 -5.58	38.42 1.00 -1.78	45.66 1.08 -5.79	44.07 1.07 -6.22	38.59 0.94 -5.32	38.75 0.91 -7.45	35.73 0.86 -6.09	35.30 0.85 -6.01	35.03 0.86 -5.45	35.86 0.89 -5.19	43.12 0.92 -11.50	46.10 1.05 -7.67	55.66 1.05 -17.22	46.25 1.06 -0.79	40.27 0.94 -3.02	37.62 0.90 -2.17	34.49 0.82 -2.08	33.33 0.72 -3.76	31.60 0.60 -4.85
GILBOA___ 23599	31.20 0.70 -3.66	30.71 0.65 -7.54	30.16 0.69 -7.95	29.94 0.68 -7.96	30.76 0.71 -8.02	32.67 0.69 -5.58	38.43 1.00 -1.78	45.66 1.09 -5.79	44.07 1.07 -6.22	38.59 0.94 -5.32	38.75 0.91 -7.45	35.73 0.86 -6.09	35.30 0.85 -6.01	35.03 0.86 -5.45	35.86 0.89 -5.19	43.12 0.92 -11.50	46.11 1.05 -7.67	55.66 1.05 -17.22	46.26 1.07 -0.79	40.28 0.94 -3.02	37.62 0.90 -2.17	34.67 0.82 -2.26	33.65 0.72 -4.09	32.01 0.60 -5.26
GINNA___ 23603	25.36 -1.96 -0.47	21.79 -1.69 -0.97	20.95 -1.59 -1.02	20.81 -1.51 -1.02	21.51 -1.56 -1.03	25.32 -1.82 -0.74	33.14 -2.74 -0.23	36.45 -3.10 -0.77	34.63 -2.98 -0.82	30.55 -2.49 -0.71	29.04 -2.34 -0.99	27.42 -2.16 -0.81	27.10 -2.13 -0.79	27.32 -2.13 -0.72	28.26 -2.20 -0.68	29.92 -2.30 -1.52	35.63 -2.77 -1.01	36.75 -2.92 -2.27	40.50 -3.91 0.00	33.34 -3.23 -0.26	31.77 -3.04 -0.26	29.12 -2.72 -0.25	26.98 -2.31 -0.45	24.83 -1.88 -0.56
GLEN PARK___ 23778	26.59 -0.48 -0.23	22.60 -0.38 -0.47	21.65 -0.37 -0.50	21.39 -0.41 -0.50	22.08 -0.46 -0.50	26.39 -0.37 -0.35	35.44 -0.32 -0.11	39.08 -0.08 -0.37	36.97 -0.22 -0.40	32.19 -0.48 -0.34	28.85 -0.55 0.99	24.55 -0.58 3.65	23.84 -0.60 4.00	23.85 -0.60 4.27	24.71 -0.60 4.47	25.95 -0.49 4.26	31.41 -0.37 5.60	32.09 -0.15 5.16	36.64 -0.22 7.54	30.12 -0.14 6.05	28.92 -0.10 5.52	26.30 -0.32 4.98	23.65 -0.61 4.58	21.48 -0.63 4.04
GLENDALE_27_KV_LOAD 356172	32.90 2.04 -4.02	32.42 1.64 -8.27	31.76 1.53 -8.71	31.49 1.47 -8.73	32.35 1.52 -8.79	34.40 1.87 -6.12	40.31 2.71 -1.95	48.08 2.95 -6.35	46.54 2.94 -6.81	40.85 2.68 -5.84	41.11 2.55 -8.17	37.93 2.47 -6.68	37.50 2.47 -6.59	37.19 2.50 -5.97	38.03 2.56 -5.69	45.92 2.61 -12.60	48.98 3.18 -8.41	59.31 3.03 -18.88	52.69 3.37 -4.91	46.70 2.90 -7.49	39.58 2.69 -2.33	36.56 2.50 -2.47	35.54 2.22 -4.48	33.82 1.91 -5.77
GLENWOOD_IC_1_G5 23712	32.68 1.83 -4.01	32.20 1.42 -8.27	31.59 1.36 -8.71	31.22 1.19 -8.73	32.11 1.28 -8.79	34.29 1.77 -6.12	40.59 2.89 -2.05	48.08 2.95 -6.35	46.62 3.02 -6.81	43.57 2.75 -8.49	41.16 2.58 -8.18	38.86 2.47 -7.61	37.52 2.47 -6.61	37.21 2.50 -5.99	47.56 2.59 -15.19	45.92 2.61 -12.60	48.86 3.07 -8.41	59.36 3.07 -18.90	52.73 3.42 -4.91	46.71 2.90 -7.50	48.34 2.76 -11.03	47.02 2.53 -12.90	35.51 2.19 -4.48	33.67 1.75 -5.77
GLENWOOD_IC_2_G1 23688	32.57 1.72 -4.01	32.13 1.35 -8.27	31.48 1.25 -8.71	31.22 1.19 -8.73	32.09 1.26 -8.79	34.21 1.69 -6.12	40.28 2.67 -1.96	47.89 2.75 -6.35	46.39 2.79 -6.81	40.83 2.55 -5.95	40.93 2.37 -8.17	37.77 2.27 -6.72	37.33 2.30 -6.59	37.02 2.33 -5.97	38.25 2.38 -6.09	45.77 2.46 -12.60	48.68 2.88 -8.41	59.12 2.84 -18.88	52.59 3.29 -4.91	46.47 2.69 -7.48	39.77 2.52 -2.70	36.53 2.28 -2.67	34.89 2.02 -4.03	32.99 1.65 -5.19
GLENWOOD_IC_3_G1 23689	32.57 1.72 -4.01	32.13 1.35 -8.27	31.48 1.25 -8.71	31.22 1.19 -8.73	32.09 1.26 -8.79	34.21 1.69 -6.12	40.28 2.67 -1.96	47.89 2.75 -6.35	46.39 2.79 -6.81	40.83 2.55 -5.95	40.93 2.37 -8.17	37.77 2.27 -6.72	37.33 2.30 -6.59	37.02 2.33 -5.97	38.25 2.38 -6.09	45.77 2.46 -12.60	48.68 2.88 -8.41	59.12 2.84 -18.88	52.59 3.29 -4.91	46.47 2.69 -7.48	39.77 2.52 -2.70	36.53 2.28 -2.67	34.89 2.02 -4.03	32.99 1.65 -5.19
GLENWOOD___4 23550	32.68 1.83 -4.01	32.20 1.42 -8.27	31.59 1.36 -8.71	31.22 1.19 -8.73	32.11 1.28 -8.79	34.29 1.77 -6.12	40.59 2.89 -2.05	48.08 2.95 -6.35	46.62 3.02 -6.81	43.57 2.75 -8.49	41.16 2.58 -8.18	38.86 2.47 -7.61	37.52 2.47 -6.61	37.21 2.50 -5.99	47.56 2.59 -15.19	45.92 2.61 -12.60	48.86 3.07 -8.41	59.36 3.07 -18.90	52.73 3.42 -4.91	46.71 2.90 -7.50	48.34 2.76 -11.03	47.02 2.53 -12.90	35.51 2.19 -4.48	33.67 1.75 -5.77
GLENWOOD___5 23614	32.68 1.83 -4.01	32.20 1.42 -8.27	31.59 1.36 -8.71	31.22 1.19 -8.73	32.11 1.28 -8.79	34.29 1.77 -6.12	40.59 2.89 -2.05	48.08 2.95 -6.35	46.62 3.02 -6.81	43.57 2.75 -8.49	41.16 2.58 -8.18	38.86 2.47 -7.61	37.52 2.47 -6.61	37.21 2.50 -5.99	47.56 2.59 -15.19	45.92 2.61 -12.60	48.86 3.07 -8.41	59.36 3.07 -18.90	52.73 3.42 -4.91	46.71 2.90 -7.50	48.34 2.76 -11.03	47.02 2.53 -12.90	35.51 2.19 -4.48	33.67 1.75 -5.77
GLOBAL GREEN_PORT_GT1 23814	33.32 2.47 -4.01	32.56 1.78 -8.27	31.87 1.63 -8.71	31.45 1.43 -8.73	32.24 1.41 -8.79	34.93 2.40 -6.12	41.58 3.85 -2.08	48.47 3.34 -6.35	47.02 3.42 -6.81	43.10 3.30 -7.47	40.42 1.85 -8.18	37.95 1.96 -7.22	36.95 1.91 -6.60	36.63 1.92 -5.98	44.16 2.86 -11.53	45.98 2.67 -12.60	48.82 3.03 -8.41	59.65 3.37 -18.89	53.08 3.77 -4.91	46.95 3.16 -7.49	45.20 2.97 -7.67	42.97 2.75 -8.63	35.10 2.22 -4.03	33.17 1.83 -5.19
GLOBE___DSASP 323697	25.32 -2.12 -0.59	22.00 -1.73 -1.23	21.18 -1.64 -1.29	20.97 -1.62 -1.29	21.62 -1.72 -1.30	24.97 -2.14 -0.71	32.53 -3.35 -0.23	35.45 -4.07 -0.73	33.53 -4.05 -0.79	29.68 -3.33 -0.68	28.24 -3.10 -0.95	26.70 -2.85 -0.77	26.36 -2.84 -0.76	26.54 -2.87 -0.69	27.40 -3.04 -0.66	28.87 -3.29 -1.45	34.28 -4.08 -0.97	35.27 -4.30 -2.17	38.71 -5.68 0.01	31.79 -4.76 -0.24	30.40 -4.39 -0.24	28.16 -3.73 -0.30	26.50 -2.88 -0.54	24.89 -2.12 -0.85
GOETHSLN___LBMP 323567	32.60 1.74 -4.01	32.20 1.42 -8.27	31.55 1.31 -8.71	31.28 1.26 -8.72	32.15 1.32 -8.79	34.16 1.64 -6.12	40.13 2.53 -1.95	47.93 2.79 -6.35	46.39 2.80 -6.81	40.69 2.52 -5.84	40.96 2.40 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.77 2.46 -12.60	48.75 2.95 -8.41	59.12 2.84 -18.88	52.47 3.15 -4.92	46.48 2.69 -7.49	39.40 2.52 -2.33	36.37 2.31 -2.47	35.31 1.99 -4.48	33.59 1.67 -5.77
GOLAH___69_KV_TB 1_2 80279	26.31 -1.02 -0.49	22.67 -0.86 -1.01	21.79 -0.80 -1.07	21.62 -0.75 -1.07	22.37 -0.75 -1.08	26.31 -0.84 -0.75	34.32 -1.57 -0.24	37.62 -1.94 -0.78	35.67 -1.95 -0.84	31.53 -1.52 -0.72	29.97 -1.43 -1.01	28.30 -1.29 -0.82	27.94 -1.31 -0.81	28.11 -1.35 -0.73	29.10 -1.37 -0.70	30.75 -1.50 -1.54	36.62 -1.79 -1.03	37.80 -1.91 -2.31	41.74 -2.66 0.00	34.21 -2.36 -0.27	32.67 -2.14 -0.26	30.03 -1.86 -0.30	28.01 -1.38 -0.55	25.91 -0.94 -0.71



GOWANUS_GT2_4 24117	32.88	32.40	31.72	31.45	32.33	34.32	40.17	47.93	46.32	40.66	40.93	37.76	37.33	37.02	37.85	45.80	48.82	59.19	52.78	46.63	39.40	36.12	35.01	33.17
	2.01	1.62	1.48	1.43	1.50	1.80	2.57	2.79	2.72	2.49	2.37	2.30	2.30	2.33	2.38	2.49	3.03	2.92	3.47	2.83	2.52	2.30	2.13	1.83
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT2_5 24118	32.88	32.40	31.72	31.45	32.33	34.32	40.17	47.93	46.32	40.66	40.93	37.76	37.33	37.02	37.85	45.80	48.82	59.19	52.78	46.63	39.40	36.12	35.01	33.17
	2.01	1.62	1.48	1.43	1.50	1.80	2.57	2.79	2.72	2.49	2.37	2.30	2.30	2.33	2.38	2.49	3.03	2.92	3.47	2.83	2.52	2.30	2.13	1.83
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT2_6 24119	32.88	32.40	31.72	31.45	32.33	34.32	40.17	47.93	46.32	40.66	40.93	37.76	37.33	37.02	37.85	45.80	48.82	59.19	52.78	46.63	39.40	36.12	35.01	33.17
	2.01	1.62	1.48	1.43	1.50	1.80	2.57	2.79	2.72	2.49	2.37	2.30	2.30	2.33	2.38	2.49	3.03	2.92	3.47	2.83	2.52	2.30	2.13	1.83
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT2_7 24120	32.88	32.40	31.72	31.45	32.33	34.32	40.17	47.93	46.32	40.66	40.93	37.76	37.33	37.02	37.85	45.80	48.82	59.19	52.78	46.63	39.40	36.12	35.01	33.17
	2.01	1.62	1.48	1.43	1.50	1.80	2.57	2.79	2.72	2.49	2.37	2.30	2.30	2.33	2.38	2.49	3.03	2.92	3.47	2.83	2.52	2.30	2.13	1.83
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT2_8 24121	32.88	32.40	31.72	31.45	32.33	34.32	40.17	47.93	46.32	40.66	40.93	37.76	37.33	37.02	37.85	45.80	48.82	59.19	52.78	46.63	39.40	36.12	35.01	33.17
	2.01	1.62	1.48	1.43	1.50	1.80	2.57	2.79	2.72	2.49	2.37	2.30	2.30	2.33	2.38	2.49	3.03	2.92	3.47	2.83	2.52	2.30	2.13	1.83
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT3_1 24122	32.88	32.40	31.72	31.45	32.33	34.32	40.20	47.93	46.32	40.66	40.96	37.78	37.36	37.05	37.88	45.80	48.86	59.19	52.78	46.63	39.44	36.15	35.01	33.20
	2.01	1.62	1.48	1.43	1.50	1.80	2.60	2.79	2.72	2.49	2.40	2.33	2.33	2.36	2.41	2.49	3.07	2.92	3.47	2.83	2.56	2.34	2.13	1.86
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT3_2 24123	32.88	32.40	31.72	31.45	32.33	34.32	40.20	47.93	46.32	40.66	40.96	37.78	37.36	37.05	37.88	45.80	48.86	59.19	52.78	46.63	39.44	36.15	35.01	33.20
	2.01	1.62	1.48	1.43	1.50	1.80	2.60	2.79	2.72	2.49	2.40	2.33	2.33	2.36	2.41	2.49	3.07	2.92	3.47	2.83	2.56	2.34	2.13	1.86
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT3_3 24124	32.88	32.40	31.72	31.45	32.33	34.32	40.20	47.93	46.32	40.66	40.96	37.78	37.36	37.05	37.88	45.80	48.86	59.19	52.78	46.63	39.44	36.15	35.01	33.20
	2.01	1.62	1.48	1.43	1.50	1.80	2.60	2.79	2.72	2.49	2.40	2.33	2.33	2.36	2.41	2.49	3.07	2.92	3.47	2.83	2.56	2.34	2.13	1.86
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT3_4 24125	32.88	32.40	31.72	31.45	32.33	34.32	40.20	47.93	46.32	40.66	40.96	37.78	37.36	37.05	37.88	45.80	48.86	59.19	52.78	46.63	39.44	36.15	35.01	33.20
	2.01	1.62	1.48	1.43	1.50	1.80	2.60	2.79	2.72	2.49	2.40	2.33	2.33	2.36	2.41	2.49	3.07	2.92	3.47	2.83	2.56	2.34	2.13	1.86
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT3_5 24126	32.88	32.40	31.72	31.45	32.33	34.32	40.20	47.93	46.32	40.66	40.96	37.78	37.36	37.05	37.88	45.80	48.86	59.19	52.78	46.63	39.44	36.15	35.01	33.20
	2.01	1.62	1.48	1.43	1.50	1.80	2.60	2.79	2.72	2.49	2.40	2.33	2.33	2.36	2.41	2.49	3.07	2.92	3.47	2.83	2.56	2.34	2.13	1.86
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT3_6 24127	32.88	32.40	31.72	31.45	32.33	34.32	40.20	47.93	46.32	40.66	40.96	37.78	37.36	37.05	37.88	45.80	48.86	59.19	52.78	46.63	39.44	36.15	35.01	33.20
	2.01	1.62	1.48	1.43	1.50	1.80	2.60	2.79	2.72	2.49	2.40	2.33	2.33	2.36	2.41	2.49	3.07	2.92	3.47	2.83	2.56	2.34	2.13	1.86
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT3_7 24128	32.88	32.40	31.72	31.45	32.33	34.32	40.20	47.93	46.32	40.66	40.96	37.78	37.36	37.05	37.88	45.80	48.86	59.19	52.78	46.63	39.44	36.15	35.01	33.20
	2.01	1.62	1.48	1.43	1.50	1.80	2.60	2.79	2.72	2.49	2.40	2.33	2.33	2.36	2.41	2.49	3.07	2.92	3.47	2.83	2.56	2.34	2.13	1.86
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT3_8 24129	32.88	32.40	31.72	31.45	32.33	34.32	40.20	47.93	46.32	40.66	40.96	37.78	37.36	37.05	37.88	45.80	48.86	59.19	52.78	46.63	39.44	36.15	35.01	33.20
	2.01	1.62	1.48	1.43	1.50	1.80	2.60	2.79	2.72	2.49	2.40	2.33	2.33	2.36	2.41	2.49	3.07	2.92	3.47	2.83	2.56	2.34	2.13	1.86
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.23	-4.03	-5.19
GOWANUS_GT4_1 24130	32.88	32.40	31.72	31.45	32.31	34.32	40.17	47.89	46.32	40.66	40.93	37.76	37.33	37.02	37.85	45.80	48.83	59.19	52.60	46.59	39.44	36.46	35.46	33.75
	2.01	1.62	1.49	1.43	1.48	1.80	2.57	2.75	2.72	2.49	2.37	2.30	2.30	2.33	2.38	2.49	3.03	2.92	3.29	2.80	2.56	2.40	2.13	1.83
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.47	-4.48	-5.77
GOWANUS_GT4_2 24131	32.88	32.40	31.72	31.45	32.31	34.32	40.17	47.89	46.32	40.66	40.93	37.76	37.33	37.02	37.85	45.80	48.83	59.19	52.60	46.59	39.44	36.46	35.46	33.75
	2.01	1.62	1.49	1.43	1.48	1.80	2.57	2.75	2.72	2.49	2.37	2.30	2.30	2.33	2.38	2.49	3.03	2.92	3.29	2.80	2.56	2.40	2.13	1.83
	-4.02	-8.27	-8.71	-8.73	-8.79	-6.12	-1.95	-6.35	-6.81	-5.84	-8.17	-6.68	-6.59	-5.97	-5.69	-12.60	-8.41	-18.88	-4.91	-7.49	-2.33	-2.47	-4.48	-5.77

GOWANUS_GT4_3 24132	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.49 -8.71	31.45 1.43 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.17 2.57 -1.95	47.89 2.75 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.93 2.37 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.80 2.49 -12.60	48.83 3.03 -8.41	59.19 2.92 -18.88	52.60 3.29 -4.91	46.59 2.80 -7.49	39.44 2.56 -2.33	36.46 2.40 -2.47	35.46 2.13 -4.48	33.75 1.83 -5.77
GOWANUS_GT4_4 24133	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.49 -8.71	31.45 1.43 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.17 2.57 -1.95	47.89 2.75 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.93 2.37 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.80 2.49 -12.60	48.83 3.03 -8.41	59.19 2.92 -18.88	52.60 3.29 -4.91	46.59 2.80 -7.49	39.44 2.56 -2.33	36.46 2.40 -2.47	35.46 2.13 -4.48	33.75 1.83 -5.77
GOWANUS_GT4_5 24134	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.49 -8.71	31.45 1.43 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.17 2.57 -1.95	47.89 2.75 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.93 2.37 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.80 2.49 -12.60	48.83 3.03 -8.41	59.19 2.92 -18.88	52.60 3.29 -4.91	46.59 2.80 -7.49	39.44 2.56 -2.33	36.46 2.40 -2.47	35.46 2.13 -4.48	33.75 1.83 -5.77
GOWANUS_GT4_6 24135	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.49 -8.71	31.45 1.43 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.17 2.57 -1.95	47.89 2.75 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.93 2.37 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.80 2.49 -12.60	48.83 3.03 -8.41	59.19 2.92 -18.88	52.60 3.29 -4.91	46.59 2.80 -7.49	39.44 2.56 -2.33	36.46 2.40 -2.47	35.46 2.13 -4.48	33.75 1.83 -5.77
GOWANUS_GT4_7 24136	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.49 -8.71	31.45 1.43 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.17 2.57 -1.95	47.89 2.75 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.93 2.37 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.80 2.49 -12.60	48.83 3.03 -8.41	59.19 2.92 -18.88	52.60 3.29 -4.91	46.59 2.80 -7.49	39.44 2.56 -2.33	36.46 2.40 -2.47	35.46 2.13 -4.48	33.75 1.83 -5.77
GOWANUS_GT4_8 24137	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.49 -8.71	31.45 1.43 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.17 2.57 -1.95	47.89 2.75 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.93 2.37 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.80 2.49 -12.60	48.83 3.03 -8.41	59.19 2.92 -18.88	52.60 3.29 -4.91	46.59 2.80 -7.49	39.44 2.56 -2.33	36.46 2.40 -2.47	35.46 2.13 -4.48	33.75 1.83 -5.77
GREENBSH_115KV_TB3 55895	31.84 0.48 -4.51	32.20 0.38 -9.30	31.71 0.39 -9.80	31.50 0.38 -9.82	32.31 0.37 -9.89	33.80 0.50 -6.89	38.52 0.68 -2.20	46.67 0.74 -7.15	44.98 0.51 -7.68	39.32 0.42 -6.57	39.99 0.40 -9.20	36.67 0.37 -7.52	36.23 0.37 -7.42	36.02 0.57 -6.72	36.78 0.60 -6.41	45.52 0.61 -14.20	47.65 0.79 -9.48	59.45 0.79 -21.27	46.90 0.84 -1.65	41.53 0.69 -4.53	37.97 0.66 -2.77	34.98 0.60 -2.79	34.35 0.46 -5.04	33.03 0.39 -6.49
GREENIDGE_115KV_TB5 80291	27.02 -0.62 -0.80	23.61 -0.54 -1.64	22.76 -0.50 -1.73	22.54 -0.49 -1.73	23.37 -0.42 -1.75	27.07 -0.50 -1.17	35.34 -0.68 -0.37	39.49 -0.50 -1.21	37.47 -0.63 -1.31	32.84 -0.61 -1.12	31.32 -0.64 -1.57	29.39 -0.66 -1.28	29.02 -0.68 -1.26	29.21 -0.66 -1.14	30.15 -0.71 -1.09	32.50 -0.61 -2.41	38.32 -0.67 -1.61	40.48 -0.52 -3.61	43.47 -0.93 0.00	35.78 -0.94 -0.42	34.00 -0.97 -0.41	31.18 -0.88 -0.48	28.84 -0.87 -0.86	26.59 -0.71 -1.14
GREENIDGE___3 23582	27.02 -0.62 -0.80	23.61 -0.54 -1.64	22.76 -0.50 -1.73	22.54 -0.49 -1.73	23.37 -0.42 -1.75	27.07 -0.50 -1.17	35.34 -0.68 -0.37	39.49 -0.50 -1.21	37.47 -0.63 -1.31	32.84 -0.61 -1.12	31.32 -0.64 -1.57	29.39 -0.66 -1.28	29.02 -0.68 -1.26	29.21 -0.66 -1.14	30.15 -0.71 -1.09	32.50 -0.61 -2.41	38.32 -0.67 -1.61	40.48 -0.52 -3.61	43.47 -0.93 0.00	35.78 -0.94 -0.42	34.00 -0.97 -0.41	31.18 -0.88 -0.48	28.84 -0.87 -0.86	26.59 -0.71 -1.14
GREENIDGE___4 23583	27.02 -0.62 -0.80	23.61 -0.54 -1.64	22.76 -0.49 -1.73	22.54 -0.49 -1.73	23.34 -0.44 -1.75	27.07 -0.50 -1.17	35.34 -0.68 -0.37	39.50 -0.51 -1.22	37.47 -0.63 -1.31	32.84 -0.62 -1.12	31.32 -0.64 -1.57	29.40 -0.66 -1.28	29.02 -0.68 -1.26	29.21 -0.66 -1.14	30.15 -0.71 -1.09	32.50 -0.61 -2.41	38.32 -0.67 -1.61	40.48 -0.52 -3.61	43.25 -1.15 0.00	35.78 -0.94 -0.42	34.00 -0.97 -0.41	31.10 -0.88 -0.40	28.70 -0.86 -0.72	26.40 -0.70 -0.96
GREENLWN_69_KV_BK 3 55738	32.76 1.91 -4.01	32.20 1.42 -8.27	31.61 1.38 -8.71	31.13 1.11 -8.73	32.02 1.19 -8.79	34.37 1.85 -6.12	40.97 3.24 -2.08	48.16 3.03 -6.35	46.80 3.20 -6.81	42.81 2.97 -7.50	41.24 2.67 -8.18	38.57 2.56 -7.23	37.63 2.59 -6.60	37.32 2.61 -5.98	44.18 2.77 -11.64	46.08 2.76 -12.60	48.90 3.10 -8.41	59.43 3.14 -18.89	52.86 3.55 -4.91	46.88 3.09 -7.49	45.34 3.01 -7.78	43.40 2.81 -9.00	35.69 2.37 -4.48	33.72 1.80 -5.77
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.49 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.60 3.29 -4.91	46.63 2.83 -7.49	39.47 2.59 -2.33	36.46 2.40 -2.47	35.46 2.13 -4.48	33.77 1.86 -5.77
GRISSOM___SOLAR 323813	32.95 1.18 -4.93	33.66 0.99 -10.16	33.18 0.95 -10.71	32.98 0.96 -10.72	33.88 1.04 -10.80	35.27 1.35 -7.52	40.08 2.03 -2.40	48.92 2.33 -7.81	47.33 2.17 -8.38	41.19 1.68 -7.18	41.92 1.49 -10.04	38.22 1.24 -8.21	37.65 1.11 -8.10	37.21 1.15 -7.34	38.05 1.28 -7.00	47.74 1.53 -15.50	49.67 1.94 -10.34	62.70 2.09 -23.21	48.07 2.49 -1.18	42.51 1.89 -4.31	39.39 1.80 -3.04	36.14 1.64 -2.91	35.44 1.33 -5.27	34.05 1.12 -6.78
GROVEVILLE___HYD 323602	32.53 1.66 -4.02	32.14 1.35 -8.28	31.52 1.27 -8.73	31.27 1.24 -8.74	32.15 1.30 -8.81	34.15 1.61 -6.13	40.06 2.46 -1.96	47.86 2.71 -6.36	46.33 2.72 -6.83	40.57 2.39 -5.85	40.82 2.25 -8.18	37.57 2.10 -6.69	37.12 2.08 -6.60	36.80 2.10 -5.98	37.65 2.17 -5.70	45.64 2.30 -12.63	48.62 2.80 -8.43	59.08 2.77 -18.92	52.04 3.11 -4.52	45.97 2.58 -7.09	39.34 2.45 -2.34	36.22 2.15 -2.48	35.21 1.87 -4.49	33.50 1.57 -5.78
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.07 -0.19 -0.41	23.18 -0.18 -0.85	22.25 -0.17 -0.90	22.05 -0.15 -0.90	22.84 -0.11 -0.91	26.93 -0.11 -0.63	35.60 -0.25 -0.20	39.32 -0.12 -0.66	37.39 -0.11 -0.72	32.88 -0.06 -0.61	31.07 -0.06 -0.73	29.07 -0.06 -0.36	28.66 -0.09 -0.31	28.86 -0.09 -0.22	29.86 -0.09 -0.18	31.52 -0.06 -0.88	37.66 -0.07 -0.35	38.81 -0.04 -1.45	43.58 -0.22 0.61	35.78 -0.25 0.27	34.04 -0.28 0.23	31.22 -0.22 0.15	28.72 -0.20 -0.08	26.24 -0.16 -0.25

HAMLTNNY_34_KV_TB 80303	27.07 -0.21 -0.44	23.21 -0.20 -0.91	22.30 -0.17 -0.95	22.10 -0.15 -0.96	22.89 -0.11 -0.96	26.97 -0.11 -0.67	35.61 -0.25 -0.21	39.36 -0.12 -0.70	37.43 -0.11 -0.76	32.92 -0.06 -0.65	31.24 -0.06 -0.91	29.43 -0.09 -0.75	29.05 -0.11 -0.72	29.29 -0.09 -0.65	30.28 -0.12 -0.62	32.03 -0.06 -1.38	38.23 -0.07 -0.92	39.43 -0.04 -2.07	44.14 -0.27 0.00	36.25 -0.29 -0.24	34.51 -0.28 -0.23	31.64 -0.22 -0.27	29.10 -0.23 -0.49	26.62 -0.16 -0.63
HAMPSHIRE___PAPER_HYD 323593	26.32 -0.67 -0.14	22.27 -0.54 -0.30	21.14 -0.69 -0.31	20.97 -0.64 -0.31	21.45 -0.90 -0.31	25.70 -0.92 -0.22	34.90 -0.82 -0.07	37.89 -1.13 -0.23	35.71 -1.32 -0.25	31.06 -1.49 -0.21	25.29 -1.46 3.65	16.78 -1.41 10.58	15.57 -1.39 11.48	15.19 -1.41 12.13	15.69 -1.46 12.63	16.36 -1.47 12.88	19.69 -1.72 15.97	19.57 -1.79 16.03	22.03 -2.17 20.20	18.12 -1.74 16.44	17.89 -1.62 15.04	16.38 -1.64 13.57	14.44 -1.70 12.70	13.20 -1.60 11.36
HARDSCRABBLE_WT_PWR 323673	27.46 0.56 -0.06	23.05 0.43 -0.12	22.01 0.37 -0.12	21.76 0.34 -0.12	22.49 0.33 -0.12	26.91 0.42 -0.09	36.35 0.68 -0.03	39.77 0.89 -0.09	37.84 0.95 -0.10	33.22 0.81 -0.08	31.15 0.64 -0.12	29.30 0.43 -0.10	28.85 0.31 -0.09	29.10 0.29 -0.08	30.12 0.27 -0.08	31.13 0.24 -0.18	37.77 0.26 -0.12	37.93 0.26 -0.27	44.67 0.27 0.00	36.53 0.22 0.00	34.76 0.21 0.00	31.84 0.25 0.00	29.05 0.20 0.00	26.33 0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.28 1.56 -3.88	31.77 1.26 -8.00	31.14 1.18 -8.43	30.89 1.15 -8.44	31.76 1.21 -8.51	33.83 1.51 -5.92	39.89 2.35 -1.89	47.57 2.64 -6.14	45.99 2.61 -6.60	40.27 2.30 -5.65	40.42 2.13 -7.90	37.28 2.04 -6.46	36.84 2.02 -6.38	36.54 2.04 -5.78	37.43 2.14 -5.51	45.12 2.21 -12.20	48.26 2.73 -8.14	58.40 2.73 -18.27	53.55 2.93 -6.21	47.46 2.43 -8.72	39.07 2.31 -2.20	36.01 2.02 -2.40	34.91 1.73 -4.34	33.17 1.44 -5.58
HARSNRAD_115KV_TB1 81005	25.52 -1.91 -0.58	22.12 -1.60 -1.20	21.28 -1.51 -1.27	21.08 -1.49 -1.27	21.73 -1.59 -1.28	25.22 -1.93 -0.74	32.93 -2.96 -0.24	36.02 -3.53 -0.77	34.08 -3.53 -0.83	30.13 -2.91 -0.71	28.65 -2.74 -0.99	27.05 -2.53 -0.81	26.71 -2.53 -0.80	26.92 -2.53 -0.72	27.81 -2.65 -0.69	29.37 -2.86 -1.52	34.89 -3.51 -1.02	36.05 -3.63 -2.28	39.56 -4.84 0.00	32.43 -4.14 -0.26	31.00 -3.80 -0.25	28.58 -3.32 -0.31	26.78 -2.62 -0.56	25.05 -1.93 -0.84
HARZA MOOSE___RIVER 24016	27.00 0.00 -0.15	22.85 0.02 -0.32	21.86 0.00 -0.33	21.61 -0.02 -0.33	22.31 -0.07 -0.34	26.69 0.05 -0.23	35.90 0.18 -0.07	39.38 0.35 -0.24	37.34 0.29 -0.27	32.62 0.06 -0.23	29.74 0.06 0.71	26.21 0.00 2.56	25.61 -0.03 2.80	25.73 0.00 2.99	26.67 0.03 3.13	27.74 0.03 2.99	33.65 0.19 3.92	34.21 0.26 3.45	39.62 0.27 5.05	32.44 0.18 4.05	31.06 0.21 3.70	28.31 0.03 3.31	25.66 -0.14 3.03	23.31 -0.18 2.66
HDSNBRDG_115KV_BRDG_TB1 355580	26.87 -0.35 -0.38	22.98 -0.32 -0.78	22.06 -0.28 -0.82	21.84 -0.28 -0.82	22.63 -0.24 -0.83	26.69 -0.29 -0.58	35.37 -0.46 -0.18	38.96 -0.43 -0.60	37.03 -0.40 -0.65	32.57 -0.32 -0.56	30.77 -0.27 -0.65	28.78 -0.26 -0.27	28.37 -0.28 -0.22	28.58 -0.29 -0.14	29.57 -0.30 -0.10	31.16 -0.28 -0.73	37.28 -0.34 -0.23	38.34 -0.30 -1.24	43.17 -0.58 0.66	35.43 -0.54 0.34	33.74 -0.52 0.29	30.94 -0.44 0.21	28.47 -0.37 0.00	26.00 -0.31 -0.17
HELLGATE_13_KV_LD 55870	32.85 1.99 -4.02	32.40 1.62 -8.27	31.72 1.49 -8.71	31.45 1.43 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.09 2.50 -1.95	47.85 2.71 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.77 2.46 -12.60	48.75 2.95 -8.41	59.04 2.77 -18.88	52.42 3.11 -4.91	46.48 2.69 -7.49	39.40 2.52 -2.33	36.40 2.34 -2.47	35.43 2.11 -4.48	33.75 1.83 -5.77
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.85 1.99 -4.02	32.40 1.62 -8.27	31.72 1.49 -8.71	31.45 1.43 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.09 2.50 -1.95	47.85 2.71 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.77 2.46 -12.60	48.75 2.95 -8.41	59.04 2.77 -18.88	52.42 3.11 -4.91	46.48 2.69 -7.49	39.40 2.52 -2.33	36.40 2.34 -2.47	35.43 2.11 -4.48	33.75 1.83 -5.77
HEMPSTEAD____ 23647	32.57 1.72 -4.01	32.06 1.28 -8.27	31.40 1.16 -8.71	31.11 1.09 -8.73	31.98 1.15 -8.79	34.24 1.72 -6.12	40.59 2.89 -2.06	47.89 2.75 -6.35	46.47 2.87 -6.81	43.13 2.65 -8.15	41.01 2.43 -8.18	38.59 2.33 -7.48	37.40 2.36 -6.60	37.09 2.38 -5.98	46.25 2.50 -13.97	45.83 2.52 -12.60	48.64 2.84 -8.41	59.13 2.84 -18.89	52.64 3.33 -4.91	46.56 2.76 -7.49	47.09 2.62 -9.91	45.30 2.40 -11.31	35.01 2.13 -4.03	32.99 1.65 -5.19
HEWLETT_69_KV_BK3 55828	32.76 1.91 -4.01	32.22 1.44 -8.27	31.61 1.38 -8.71	31.17 1.15 -8.73	32.06 1.23 -8.79	34.35 1.82 -6.12	40.85 3.14 -2.07	48.16 3.03 -6.35	46.73 3.13 -6.81	43.49 2.88 -8.28	41.25 2.67 -8.18	38.86 2.53 -7.55	37.60 2.56 -6.61	37.29 2.59 -5.98	46.94 2.71 -14.45	46.04 2.73 -12.60	48.90 3.10 -8.41	59.40 3.10 -18.90	52.86 3.55 -4.91	46.81 3.01 -7.49	47.81 2.90 -10.35	46.39 2.72 -12.09	35.66 2.34 -4.48	33.72 1.80 -5.77
HICKLING___1 23621	27.06 -0.81 -1.02	23.96 -0.65 -2.10	23.15 -0.58 -2.21	22.94 -0.58 -2.22	23.72 -0.55 -2.23	27.18 -0.71 -1.49	35.23 -0.89 -0.48	39.67 -0.66 -1.55	37.68 -0.77 -1.66	33.01 -0.74 -1.43	31.66 -0.73 -1.99	29.66 -0.75 -1.63	29.28 -0.77 -1.60	29.43 -0.75 -1.45	30.36 -0.80 -1.39	33.04 -0.74 -3.07	38.57 -0.86 -2.05	41.32 -0.67 -4.59	43.29 -1.11 0.00	35.72 -1.13 -0.54	33.97 -1.11 -0.53	31.19 -1.01 -0.61	28.93 -1.01 -1.10	26.75 -0.86 -1.46
HICKLING___2 23622	27.06 -0.81 -1.02	23.96 -0.65 -2.10	23.15 -0.58 -2.21	22.94 -0.58 -2.22	23.72 -0.55 -2.23	27.18 -0.71 -1.49	35.23 -0.89 -0.48	39.67 -0.66 -1.55	37.68 -0.77 -1.66	33.01 -0.74 -1.43	31.66 -0.73 -1.99	29.66 -0.75 -1.63	29.28 -0.77 -1.60	29.43 -0.75 -1.45	30.36 -0.80 -1.39	33.04 -0.74 -3.07	38.57 -0.86 -2.05	41.32 -0.67 -4.59	43.29 -1.11 0.00	35.72 -1.13 -0.54	33.97 -1.11 -0.53	31.19 -1.01 -0.61	28.93 -1.01 -1.10	26.75 -0.86 -1.46
HIGH FALLS___HY 23754	32.55 1.72 -3.99	32.10 1.37 -8.22	31.49 1.31 -8.66	31.23 1.26 -8.67	32.12 1.34 -8.74	34.12 1.64 -6.08	40.12 2.53 -1.94	47.89 2.79 -6.31	46.43 2.87 -6.77	40.62 2.49 -5.80	40.82 2.31 -8.12	37.57 2.16 -6.64	37.12 2.13 -6.55	36.78 2.13 -5.93	37.66 2.23 -5.66	45.60 2.36 -12.53	48.66 2.92 -8.36	59.08 2.92 -18.76	50.19 3.15 -2.63	44.04 2.65 -5.08	39.37 2.52 -2.30	36.20 2.15 -2.46	35.17 1.87 -4.45	33.42 1.54 -5.73
HIGH_RIVER___SOLAR 323847	32.50 0.88 -4.78	33.12 0.77 -9.84	32.63 0.73 -10.37	32.41 0.72 -10.39	33.28 0.77 -10.47	34.67 0.98 -7.29	39.40 1.43 -2.33	47.94 1.59 -7.56	46.33 1.43 -8.12	40.31 1.03 -6.95	41.00 0.88 -9.73	37.45 0.72 -7.95	36.94 0.65 -7.85	36.52 0.69 -7.11	37.36 0.80 -6.78	46.76 1.04 -15.01	48.82 1.42 -10.02	61.38 1.50 -22.48	47.45 1.73 -1.32	42.01 1.34 -4.36	38.78 1.28 -2.95	35.58 1.17 -2.82	34.92 0.98 -5.10	33.57 0.86 -6.56

HILLBURN___GT 23639	32.32 1.56 -3.92	31.84 1.26 -8.07	31.21 1.18 -8.50	30.96 1.15 -8.52	31.85 1.23 -8.58	33.91 1.53 -5.97	39.94 2.39 -1.91	47.66 2.67 -6.20	46.05 2.61 -6.65	40.32 2.30 -5.70	40.55 2.19 -7.97	37.37 2.07 -6.52	36.95 2.07 -6.43	36.65 2.10 -5.83	37.50 2.17 -5.56	45.25 2.24 -12.30	48.32 2.73 -8.21	58.55 2.73 -18.43	54.55 3.06 -7.08	48.43 2.47 -9.66	39.07 2.28 -2.24	35.69 1.96 -2.14	34.47 1.76 -3.87	32.59 1.46 -4.98
HILLSIDE_115KV_TB1 80332	26.93 -0.97 -1.06	23.88 -0.81 -2.18	23.10 -0.71 -2.29	22.89 -0.70 -2.30	23.67 -0.68 -2.31	27.06 -0.90 -1.55	35.04 -1.11 -0.50	39.50 -0.89 -1.61	37.52 -0.99 -1.73	32.88 -0.94 -1.48	31.56 -0.91 -2.07	29.55 -0.92 -1.70	29.20 -0.91 -1.67	29.32 -0.92 -1.51	30.26 -0.95 -1.44	33.01 -0.89 -3.19	38.43 -1.08 -2.13	41.28 -0.90 -4.78	43.07 -1.33 0.00	35.56 -1.31 -0.56	33.86 -1.24 -0.55	31.05 -1.17 -0.63	28.83 -1.15 -1.14	26.65 -1.02 -1.52
HISHELDN_WT_PWR 323625	25.61 -1.93 -0.70	22.36 -1.60 -1.44	21.54 -1.51 -1.52	21.27 -1.55 -1.52	21.92 -1.65 -1.53	25.20 -2.11 -0.91	32.91 -3.03 -0.29	36.32 -3.41 -0.95	34.46 -3.35 -1.02	30.33 -2.88 -0.87	28.91 -2.71 -1.22	27.18 -2.59 -1.00	26.86 -2.56 -0.98	27.06 -2.56 -0.89	27.91 -2.71 -0.85	29.76 -2.82 -1.87	35.20 -3.44 -1.25	36.76 -3.44 -2.81	39.78 -4.62 0.01	32.82 -3.81 -0.32	31.31 -3.56 -0.32	28.77 -3.13 -0.31	26.72 -2.68 -0.56	24.82 -2.17 -0.84
HOLTSVILLE_IC_1 23690	32.68 1.83 -4.01	32.11 1.33 -8.27	31.44 1.20 -8.71	31.11 1.09 -8.73	31.95 1.12 -8.79	34.48 1.95 -6.12	41.08 3.35 -2.08	47.96 2.83 -6.35	46.65 3.05 -6.81	42.77 2.97 -7.47	40.88 2.31 -8.18	38.24 2.25 -7.22	37.29 2.25 -6.60	37.00 2.30 -5.98	44.03 2.74 -11.52	45.98 2.67 -12.60	48.60 2.81 -8.41	59.21 2.92 -18.89	52.73 3.42 -4.91	46.74 2.94 -7.49	45.12 2.90 -7.67	42.99 2.78 -8.62	35.24 2.37 -4.03	33.09 1.75 -5.19
HOLTSVILLE_IC_10 23699	32.79 1.93 -4.01	32.17 1.40 -8.27	31.50 1.27 -8.71	31.17 1.15 -8.73	32.04 1.21 -8.79	34.61 2.09 -6.12	41.26 3.53 -2.08	48.20 3.06 -6.35	46.87 3.27 -6.81	42.98 3.17 -7.48	41.00 2.43 -8.18	38.36 2.36 -7.22	37.40 2.36 -6.60	37.09 2.38 -5.98	44.21 2.89 -11.55	46.17 2.86 -12.60	48.86 3.07 -8.41	59.54 3.25 -18.89	53.08 3.77 -4.91	47.03 3.23 -7.49	45.39 3.14 -7.70	43.22 2.97 -8.66	35.38 2.51 -4.03	33.22 1.88 -5.19
HOLTSVILLE_IC_2 23691	32.68 1.83 -4.01	32.11 1.33 -8.27	31.44 1.20 -8.71	31.11 1.09 -8.73	31.95 1.12 -8.79	34.48 1.95 -6.12	41.08 3.35 -2.08	47.96 2.83 -6.35	46.65 3.05 -6.81	42.77 2.97 -7.47	40.88 2.31 -8.18	38.24 2.25 -7.22	37.29 2.25 -6.60	37.00 2.30 -5.98	44.03 2.74 -11.52	45.98 2.67 -12.60	48.60 2.81 -8.41	59.21 2.92 -18.89	52.73 3.42 -4.91	46.74 2.94 -7.49	45.12 2.90 -7.67	42.99 2.78 -8.62	35.24 2.37 -4.03	33.09 1.75 -5.19
HOLTSVILLE_IC_3 23692	32.68 1.83 -4.01	32.11 1.33 -8.27	31.44 1.20 -8.71	31.11 1.09 -8.73	31.95 1.12 -8.79	34.48 1.95 -6.12	41.08 3.35 -2.08	47.96 2.83 -6.35	46.65 3.05 -6.81	42.77 2.97 -7.47	40.88 2.31 -8.18	38.24 2.25 -7.22	37.29 2.25 -6.60	37.00 2.30 -5.98	44.03 2.74 -11.52	45.98 2.67 -12.60	48.60 2.81 -8.41	59.21 2.92 -18.89	52.73 3.42 -4.91	46.74 2.94 -7.49	45.12 2.90 -7.67	42.99 2.78 -8.62	35.24 2.37 -4.03	33.09 1.75 -5.19
HOLTSVILLE_IC_4 23693	32.68 1.83 -4.01	32.11 1.33 -8.27	31.44 1.20 -8.71	31.11 1.09 -8.73	31.95 1.12 -8.79	34.48 1.95 -6.12	41.08 3.35 -2.08	47.96 2.83 -6.35	46.65 3.05 -6.81	42.77 2.97 -7.47	40.88 2.31 -8.18	38.24 2.25 -7.22	37.29 2.25 -6.60	37.00 2.30 -5.98	44.03 2.74 -11.52	45.98 2.67 -12.60	48.60 2.81 -8.41	59.21 2.92 -18.89	52.73 3.42 -4.91	46.74 2.94 -7.49	45.12 2.90 -7.67	42.99 2.78 -8.62	35.24 2.37 -4.03	33.09 1.75 -5.19
HOLTSVILLE_IC_5 23694	32.68 1.83 -4.01	32.11 1.33 -8.27	31.44 1.20 -8.71	31.11 1.09 -8.73	31.95 1.12 -8.79	34.48 1.95 -6.12	41.08 3.35 -2.08	47.96 2.83 -6.35	46.65 3.05 -6.81	42.77 2.97 -7.47	40.88 2.31 -8.18	38.24 2.25 -7.22	37.29 2.25 -6.60	37.00 2.30 -5.98	44.03 2.74 -11.52	45.98 2.67 -12.60	48.60 2.81 -8.41	59.21 2.92 -18.89	52.73 3.42 -4.91	46.74 2.94 -7.49	45.12 2.90 -7.67	42.99 2.78 -8.62	35.24 2.37 -4.03	33.09 1.75 -5.19
HOLTSVILLE_IC_6 23695	32.79 1.93 -4.01	32.17 1.40 -8.27	31.50 1.27 -8.71	31.17 1.15 -8.73	32.04 1.21 -8.79	34.61 2.09 -6.12	41.26 3.53 -2.08	48.20 3.06 -6.35	46.87 3.27 -6.81	42.98 3.17 -7.48	41.00 2.43 -8.18	38.36 2.36 -7.22	37.40 2.36 -6.60	37.09 2.38 -5.98	44.21 2.89 -11.55	46.17 2.86 -12.60	48.86 3.07 -8.41	59.54 3.25 -18.89	53.08 3.77 -4.91	47.03 3.23 -7.49	45.39 3.14 -7.70	43.22 2.97 -8.66	35.38 2.51 -4.03	33.22 1.88 -5.19
HOLTSVILLE_IC_7 23696	32.79 1.93 -4.01	32.17 1.40 -8.27	31.50 1.27 -8.71	31.17 1.15 -8.73	32.04 1.21 -8.79	34.61 2.09 -6.12	41.26 3.53 -2.08	48.20 3.06 -6.35	46.87 3.27 -6.81	42.98 3.17 -7.48	41.00 2.43 -8.18	38.36 2.36 -7.22	37.40 2.36 -6.60	37.09 2.38 -5.98	44.21 2.89 -11.55	46.17 2.86 -12.60	48.86 3.07 -8.41	59.54 3.25 -18.89	53.08 3.77 -4.91	47.03 3.23 -7.49	45.39 3.14 -7.70	43.22 2.97 -8.66	35.38 2.51 -4.03	33.22 1.88 -5.19
HOLTSVILLE_IC_8 23697	32.79 1.93 -4.01	32.17 1.40 -8.27	31.50 1.27 -8.71	31.17 1.15 -8.73	32.04 1.21 -8.79	34.61 2.09 -6.12	41.26 3.53 -2.08	48.20 3.06 -6.35	46.87 3.27 -6.81	42.98 3.17 -7.48	41.00 2.43 -8.18	38.36 2.36 -7.22	37.40 2.36 -6.60	37.09 2.38 -5.98	44.21 2.89 -11.55	46.17 2.86 -12.60	48.86 3.07 -8.41	59.54 3.25 -18.89	53.08 3.77 -4.91	47.03 3.23 -7.49	45.39 3.14 -7.70	43.22 2.97 -8.66	35.38 2.51 -4.03	33.22 1.88 -5.19
HOLTSVILLE_IC_9 23698	32.79 1.93 -4.01	32.17 1.40 -8.27	31.50 1.27 -8.71	31.17 1.15 -8.73	32.04 1.21 -8.79	34.61 2.09 -6.12	41.26 3.53 -2.08	48.20 3.06 -6.35	46.87 3.27 -6.81	42.98 3.17 -7.48	41.00 2.43 -8.18	38.36 2.36 -7.22	37.40 2.36 -6.60	37.09 2.38 -5.98	44.21 2.89 -11.55	46.17 2.86 -12.60	48.86 3.07 -8.41	59.54 3.25 -18.89	53.08 3.77 -4.91	47.03 3.23 -7.49	45.39 3.14 -7.70	43.22 2.97 -8.66	35.38 2.51 -4.03	33.22 1.88 -5.19
HOMER_HL_115KV_TB2 355744	24.90 -2.66 -0.72	21.81 -2.18 -1.48	21.06 -2.02 -1.56	20.86 -2.00 -1.56	21.52 -2.09 -1.57	24.73 -2.61 -0.94	32.85 -3.10 -0.30	37.08 -2.68 -0.98	35.15 -2.69 -1.05	30.58 -2.65 -0.90	29.16 -2.49 -1.26	27.36 -2.45 -1.03	26.98 -2.47 -1.01	27.23 -2.41 -0.92	28.15 -2.50 -0.88	30.25 -2.40 -1.93	35.84 -2.84 -1.29	37.94 -2.36 -2.90	41.64 -2.75 0.00	33.95 -2.69 -0.33	32.25 -2.63 -0.33	29.23 -2.75 -0.39	26.78 -2.77 -0.71	24.49 -2.69 -1.03
HOWARD_WT_PWR 323690	26.31 -1.37 -0.84	23.06 -1.17 -1.72	22.24 -1.10 -1.82	22.01 -1.11 -1.82	22.75 -1.12 -1.83	26.19 -1.40 -1.19	34.10 -1.93 -0.38	38.09 -1.94 -1.24	36.02 -2.10 -1.33	31.46 -2.00 -1.14	30.04 -1.95 -1.59	28.15 -1.93 -1.30	27.79 -1.93 -1.28	27.93 -1.95 -1.16	28.71 -2.17 -1.11	30.91 -2.24 -2.45	36.29 -2.73 -1.63	38.48 -2.58 -3.67	40.71 -3.68 0.00	33.79 -2.94 -0.42	32.14 -2.83 -0.42	29.44 -2.56 -0.41	27.21 -2.36 -0.73	25.17 -1.99 -1.01

HQ_GEN_CEDARS 23644	26.26 -0.67 -0.09	22.13 -0.56 -0.18	20.87 -0.84 -0.19	20.76 -0.72 -0.19	21.06 -1.17 -0.19	25.24 -1.29 -0.13	34.51 -1.18 -0.04	37.02 -1.90 -0.14	34.69 -2.24 -0.15	30.13 -2.33 -0.13	21.14 -2.28 6.97	7.17 -2.13 19.48	5.27 -2.08 21.09	4.35 -2.13 22.25	4.43 -2.20 23.15	4.51 -2.30 23.89	5.11 -2.95 29.33	5.72 -3.03 28.65	5.58 -3.69 35.13	4.68 -2.94 28.68	5.55 -2.76 26.24	5.34 -2.59 23.66	4.19 -2.45 22.20	4.01 -2.25 19.89
HQ_GEN_CEDARS_PROXY 323590	26.26 -0.67 -0.09	22.13 -0.56 -0.18	20.87 -0.84 -0.19	20.76 -0.72 -0.19	21.06 -1.17 -0.19	25.24 -1.29 -0.13	34.51 -1.18 -0.04	39.15 -1.90 -2.27	32.52 -2.28 1.98	30.13 -2.33 -0.13	21.14 -2.28 6.97	7.17 -2.13 19.48	5.27 -2.07 21.09	4.35 -2.13 22.25	4.43 -2.20 23.15	4.51 -2.30 23.89	5.10 -2.95 29.33	5.62 -3.03 28.75	5.47 -3.68 35.25	4.59 -2.94 28.78	5.46 -2.77 26.33	5.25 -2.59 23.75	4.08 -2.45 22.31	3.90 -2.25 20.00
HQ_GEN_IMPORT 323601	26.84 0.00 0.00	22.51 0.00 0.00	21.52 0.00 0.00	21.30 0.00 0.00	22.04 0.00 0.00	26.40 0.00 0.00	35.65 0.00 0.00	40.91 0.00 -2.13	34.66 0.00 2.13	32.33 0.00 0.00	30.39 0.00 0.00	28.77 0.00 0.00	28.44 0.00 0.00	28.72 0.00 0.00	29.77 0.00 0.00	30.71 0.00 0.00	37.39 0.00 0.00	37.40 0.00 0.00	44.40 0.00 0.00	36.31 0.00 0.00	34.55 0.00 0.00	31.59 0.00 0.00	28.84 0.00 0.00	26.15 0.00 0.00
HQ_GEN_WHEEL 23651	26.84 0.00 0.00	22.51 0.00 0.00	21.52 0.00 0.00	21.30 0.00 0.00	22.04 0.00 0.00	26.40 0.00 0.00	35.65 0.00 0.00	40.91 0.00 -2.13	34.66 0.00 2.13	32.33 0.00 0.00	30.39 0.00 0.00	28.77 0.00 0.00	28.44 0.00 0.00	28.72 0.00 0.00	29.77 0.00 0.00	30.71 0.00 0.00	37.39 0.00 0.00	37.40 0.00 0.00	44.40 0.00 0.00	36.31 0.00 0.00	34.55 0.00 0.00	31.59 0.00 0.00	28.84 0.00 0.00	26.15 0.00 0.00
HUDSON_AVE_GT_3 23810	32.71 1.85 -4.01	32.26 1.49 -8.27	31.61 1.38 -8.71	31.36 1.34 -8.72	32.22 1.39 -8.79	34.27 1.74 -6.12	40.24 2.64 -1.95	48.00 2.87 -6.35	46.47 2.87 -6.81	40.75 2.59 -5.84	41.02 2.46 -8.17	37.84 2.39 -6.68	37.42 2.39 -6.59	37.11 2.41 -5.97	37.94 2.47 -5.69	45.83 2.52 -12.60	48.86 3.07 -8.41	59.23 2.95 -18.88	52.61 3.29 -4.92	46.59 2.80 -7.49	39.51 2.63 -2.33	36.46 2.40 -2.47	35.40 2.08 -4.48	33.67 1.75 -5.77
HUDSON_AVE_GT_4 23540	32.71 1.85 -4.01	32.26 1.49 -8.27	31.61 1.38 -8.71	31.36 1.34 -8.72	32.22 1.39 -8.79	34.27 1.74 -6.12	40.24 2.64 -1.95	48.00 2.87 -6.35	46.47 2.87 -6.81	40.75 2.59 -5.84	41.02 2.46 -8.17	37.84 2.39 -6.68	37.42 2.39 -6.59	37.11 2.41 -5.97	37.94 2.47 -5.69	45.83 2.52 -12.60	48.86 3.07 -8.41	59.23 2.95 -18.88	52.61 3.29 -4.92	46.59 2.80 -7.49	39.51 2.63 -2.33	36.46 2.40 -2.47	35.40 2.08 -4.48	33.67 1.75 -5.77
HUDSON_AVE_GT_5 23657	32.71 1.85 -4.01	32.26 1.49 -8.27	31.61 1.38 -8.71	31.36 1.34 -8.72	32.22 1.39 -8.79	34.27 1.74 -6.12	40.24 2.64 -1.95	48.00 2.87 -6.35	46.47 2.87 -6.81	40.75 2.59 -5.84	41.02 2.46 -8.17	37.84 2.39 -6.68	37.42 2.39 -6.59	37.11 2.41 -5.97	37.94 2.47 -5.69	45.83 2.52 -12.60	48.86 3.07 -8.41	59.23 2.95 -18.88	52.61 3.29 -4.92	46.59 2.80 -7.49	39.51 2.63 -2.33	36.46 2.40 -2.47	35.40 2.08 -4.48	33.67 1.75 -5.77
HUDSON_AVE_10 24168	32.63 1.77 -4.01	32.20 1.42 -8.27	31.55 1.31 -8.71	31.30 1.28 -8.72	32.15 1.32 -8.79	34.19 1.66 -6.12	40.17 2.57 -1.95	47.89 2.75 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.74 2.43 -12.60	48.71 2.92 -8.41	59.12 2.84 -18.88	52.43 3.11 -4.92	46.48 2.69 -7.49	39.40 2.52 -2.33	36.40 2.34 -2.47	35.34 2.02 -4.48	33.59 1.67 -5.77
HUDSON___115KV_TB 4 355613	32.01 0.72 -4.44	32.25 0.59 -9.16	31.73 0.56 -9.65	31.54 0.58 -9.66	32.39 0.62 -9.74	33.95 0.77 -6.78	38.92 1.11 -2.16	47.06 1.24 -7.03	45.33 0.99 -7.55	39.51 0.71 -6.47	40.02 0.58 -9.05	36.69 0.52 -7.40	36.20 0.46 -7.30	35.94 0.60 -6.61	36.79 0.71 -6.31	45.47 0.80 -13.96	47.86 1.16 -9.32	59.55 1.23 -20.92	47.87 1.64 -1.83	42.12 1.16 -4.65	38.40 1.14 -2.71	35.25 0.92 -2.74	34.56 0.75 -4.96	33.16 0.63 -6.39
HUNTER MOUNT___DRP 323613	31.83 0.62 -4.37	32.00 0.50 -9.00	31.48 0.47 -9.48	31.29 0.49 -9.50	32.14 0.53 -9.57	33.73 0.66 -6.66	38.77 1.00 -2.13	46.82 1.12 -6.91	45.09 0.88 -7.42	39.23 0.55 -6.35	39.68 0.40 -8.89	36.36 0.32 -7.27	35.87 0.26 -7.18	35.63 0.40 -6.50	36.48 0.51 -6.20	45.08 0.64 -13.72	47.52 0.97 -9.16	59.08 1.12 -20.56	48.13 1.69 -2.04	42.17 1.05 -4.81	38.23 1.04 -2.64	35.07 0.79 -2.70	34.36 0.63 -4.88	32.95 0.52 -6.28
HUNTINGTON_RES_REC 323705	32.79 1.93 -4.01	32.20 1.42 -8.27	31.53 1.29 -8.71	31.17 1.15 -8.73	32.06 1.23 -8.79	34.53 2.01 -6.12	41.15 3.42 -2.08	48.24 3.10 -6.35	46.87 3.27 -6.81	42.89 3.07 -7.48	41.21 2.64 -8.18	38.53 2.53 -7.23	37.57 2.53 -6.60	37.29 2.59 -5.98	44.24 2.89 -11.57	46.20 2.89 -12.60	48.97 3.18 -8.41	59.58 3.29 -18.89	53.17 3.86 -4.91	47.03 3.23 -7.49	45.41 3.14 -7.72	43.15 2.87 -8.68	35.36 2.48 -4.03	33.20 1.86 -5.19
HUNTLEY___63 23557	25.70 -1.74 -0.60	22.29 -1.46 -1.25	21.46 -1.38 -1.31	21.23 -1.38 -1.31	21.91 -1.45 -1.32	25.33 -1.82 -0.75	33.14 -2.74 -0.24	36.30 -3.26 -0.78	34.38 -3.24 -0.84	30.40 -2.65 -0.72	28.93 -2.46 -1.00	27.29 -2.30 -0.82	26.94 -2.30 -0.81	27.16 -2.30 -0.73	28.06 -2.41 -0.70	29.63 -2.61 -1.54	35.16 -3.25 -1.03	36.37 -3.33 -2.30	39.87 -4.53 0.01	32.75 -3.81 -0.26	31.28 -3.52 -0.26	28.81 -3.10 -0.32	26.99 -2.42 -0.57	25.24 -1.78 -0.87
HUNTLEY___64 23558	25.70 -1.74 -0.60	22.29 -1.46 -1.25	21.46 -1.38 -1.31	21.23 -1.38 -1.31	21.91 -1.45 -1.32	25.33 -1.82 -0.75	33.14 -2.74 -0.24	36.30 -3.26 -0.78	34.38 -3.24 -0.84	30.40 -2.65 -0.72	28.93 -2.46 -1.00	27.29 -2.30 -0.82	26.94 -2.30 -0.81	27.16 -2.30 -0.73	28.06 -2.41 -0.70	29.63 -2.61 -1.54	35.16 -3.25 -1.03	36.37 -3.33 -2.30	39.87 -4.53 0.01	32.75 -3.81 -0.26	31.28 -3.52 -0.26	28.81 -3.10 -0.32	26.99 -2.42 -0.57	25.24 -1.78 -0.87
HUNTLEY___65 23559	25.70 -1.74 -0.60	22.29 -1.46 -1.25	21.46 -1.38 -1.31	21.23 -1.38 -1.31	21.91 -1.45 -1.32	25.33 -1.82 -0.75	33.14 -2.74 -0.24	36.30 -3.26 -0.78	34.38 -3.24 -0.84	30.40 -2.65 -0.72	28.93 -2.46 -1.00	27.29 -2.30 -0.82	26.94 -2.30 -0.81	27.16 -2.30 -0.73	28.06 -2.41 -0.70	29.63 -2.61 -1.54	35.16 -3.25 -1.03	36.37 -3.33 -2.30	39.87 -4.53 0.01	32.75 -3.81 -0.26	31.28 -3.52 -0.26	28.81 -3.10 -0.32	26.99 -2.42 -0.57	25.24 -1.78 -0.87
HUNTLEY___66 23560	25.70 -1.74 -0.60	22.29 -1.46 -1.25	21.46 -1.38 -1.31	21.23 -1.38 -1.31	21.91 -1.45 -1.32	25.33 -1.82 -0.75	33.14 -2.74 -0.24	36.30 -3.26 -0.78	34.38 -3.24 -0.84	30.40 -2.65 -0.72	28.93 -2.46 -1.00	27.29 -2.30 -0.82	26.94 -2.30 -0.81	27.16 -2.30 -0.73	28.06 -2.41 -0.70	29.63 -2.61 -1.54	35.16 -3.25 -1.03	36.37 -3.33 -2.30	39.87 -4.53 0.01	32.75 -3.81 -0.26	31.28 -3.52 -0.26	28.81 -3.10 -0.32	26.99 -2.42 -0.57	25.24 -1.78 -0.87

HUNTLEY___67 23561	25.45 -2.01 -0.62	22.14 -1.64 -1.27	21.29 -1.57 -1.34	21.09 -1.55 -1.34	21.74 -1.65 -1.35	25.09 -2.06 -0.75	32.82 -3.07 -0.24	35.95 -3.61 -0.78	34.05 -3.57 -0.84	30.07 -2.97 -0.72	28.63 -2.77 -1.00	27.00 -2.59 -0.82	26.69 -2.56 -0.81	26.87 -2.59 -0.73	27.76 -2.71 -0.70	29.35 -2.89 -1.53	34.82 -3.59 -1.03	35.99 -3.70 -2.30	39.51 -4.88 0.01	32.43 -4.14 -0.26	30.97 -3.84 -0.25	28.56 -3.35 -0.32	26.73 -2.68 -0.57	25.00 -2.04 -0.89
HUNTLEY___68 23562	25.45 -2.01 -0.62	22.14 -1.64 -1.27	21.29 -1.57 -1.34	21.09 -1.55 -1.34	21.74 -1.65 -1.35	25.09 -2.06 -0.75	32.82 -3.07 -0.24	35.95 -3.61 -0.78	34.05 -3.57 -0.84	30.07 -2.97 -0.72	28.63 -2.77 -1.00	27.00 -2.59 -0.82	26.69 -2.56 -0.81	26.87 -2.59 -0.73	27.76 -2.71 -0.70	29.35 -2.89 -1.53	34.82 -3.59 -1.03	35.99 -3.70 -2.30	39.51 -4.88 0.01	32.43 -4.14 -0.26	30.97 -3.84 -0.25	28.56 -3.35 -0.32	26.73 -2.68 -0.57	25.00 -2.04 -0.89
HYLAND___LFG 323620	27.24 -0.29 -0.69	23.62 -0.32 -1.42	22.74 -0.28 -1.50	22.60 -0.19 -1.50	23.37 -0.18 -1.51	27.33 -0.08 -1.00	35.68 -0.29 -0.32	39.51 -0.31 -1.04	37.24 -0.66 -1.12	32.42 -0.87 -0.96	30.79 -0.94 -1.34	28.84 -1.03 -1.10	28.38 -1.14 -1.08	28.61 -1.09 -0.98	29.66 -1.04 -0.93	31.87 -0.89 -2.06	38.12 -0.64 -1.37	40.14 -0.34 -3.08	43.78 -0.62 0.00	36.08 -0.58 -0.36	34.35 -0.55 -0.35	31.33 -0.60 -0.34	28.91 -0.55 -0.61	26.61 -0.37 -0.83
INDECK___CORINTH 23802	32.31 0.83 -4.64	32.76 0.70 -9.56	32.24 0.65 -10.07	32.04 0.66 -10.09	32.93 0.73 -10.16	34.43 0.95 -7.08	39.33 1.43 -2.26	47.76 1.63 -7.35	46.32 1.66 -7.88	40.41 1.33 -6.75	41.09 1.25 -9.45	37.71 1.21 -7.73	37.23 1.17 -7.62	36.72 1.09 -6.91	37.28 0.92 -6.58	46.18 0.89 -14.58	48.28 1.16 -9.73	60.47 1.23 -21.84	47.35 1.46 -1.48	41.76 1.02 -4.44	38.37 0.97 -2.86	35.17 0.85 -2.73	34.62 0.84 -4.94	33.97 1.46 -6.36
INDECK___ILION 23567	27.30 0.40 -0.06	22.96 0.34 -0.12	21.95 0.30 -0.12	21.72 0.30 -0.12	22.45 0.29 -0.12	26.86 0.37 -0.09	36.21 0.53 -0.03	39.53 0.66 -0.09	37.54 0.66 -0.10	32.96 0.55 -0.08	31.00 0.49 -0.12	29.24 0.37 -0.10	28.87 0.34 -0.09	29.15 0.34 -0.08	30.21 0.36 -0.08	31.22 0.34 -0.18	37.92 0.41 -0.12	38.08 0.41 -0.27	44.85 0.44 0.00	36.67 0.36 0.00	34.90 0.35 0.00	31.94 0.32 -0.03	29.17 0.26 -0.06	26.47 0.24 -0.08
INDECK___OLEAN 23982	24.90 -2.66 -0.72	21.81 -2.18 -1.48	21.04 -2.05 -1.56	20.83 -2.02 -1.56	21.52 -2.09 -1.57	24.73 -2.61 -0.94	32.85 -3.10 -0.30	37.09 -2.68 -0.98	35.15 -2.68 -1.05	30.58 -2.65 -0.90	29.16 -2.49 -1.26	27.36 -2.45 -1.03	26.98 -2.47 -1.01	27.23 -2.41 -0.92	28.15 -2.50 -0.88	30.25 -2.40 -1.93	35.84 -2.84 -1.29	37.94 -2.35 -2.90	41.60 -2.80 0.00	33.95 -2.69 -0.33	32.15 -2.73 -0.33	29.04 -2.87 -0.32	26.65 -2.77 -0.58	24.32 -2.69 -0.86
INDECK___OSWEGO 23783	26.55 -0.62 -0.32	22.65 -0.52 -0.66	21.74 -0.47 -0.69	21.52 -0.47 -0.69	22.27 -0.46 -0.70	26.34 -0.56 -0.49	34.98 -0.82 -0.16	38.54 -0.78 -0.53	36.62 -0.74 -0.57	32.17 -0.65 -0.48	30.22 -0.61 -0.43	28.07 -0.58 0.12	27.60 -0.63 0.21	27.79 -0.63 0.30	28.77 -0.66 0.35	30.23 -0.65 -0.17	36.25 -0.79 0.35	37.12 -0.75 -0.47	42.05 -1.11 1.24	34.59 -0.87 0.85	32.96 -0.83 0.76	30.19 -0.73 0.68	27.68 -0.66 0.50	25.24 -0.58 0.33
INDECK___YERKES 23781	25.73 -1.72 -0.60	22.32 -1.44 -1.25	21.50 -1.33 -1.31	21.27 -1.34 -1.31	21.91 -1.46 -1.32	25.33 -1.82 -0.75	33.18 -2.71 -0.24	36.31 -3.26 -0.78	34.42 -3.20 -0.84	30.43 -2.62 -0.72	28.96 -2.43 -1.00	27.32 -2.27 -0.82	26.97 -2.28 -0.81	27.19 -2.27 -0.73	28.09 -2.38 -0.70	29.66 -2.58 -1.54	35.20 -3.22 -1.03	36.40 -3.29 -2.30	39.78 -4.62 0.01	32.75 -3.81 -0.26	31.32 -3.49 -0.26	28.87 -2.97 -0.25	26.91 -2.39 -0.46	25.09 -1.78 -0.73
INDIAN POINT_GT_1 24139	32.39 1.56 -3.99	32.00 1.26 -8.23	31.37 1.18 -8.67	31.13 1.15 -8.68	31.98 1.19 -8.75	34.00 1.51 -6.09	39.91 2.32 -1.94	47.66 2.56 -6.32	46.10 2.54 -6.78	40.40 2.26 -5.81	40.68 2.16 -8.13	37.46 2.04 -6.65	37.05 2.05 -6.56	36.73 2.07 -5.94	37.58 2.14 -5.66	45.43 2.18 -12.54	48.37 2.62 -8.37	58.80 2.62 -18.79	52.55 2.84 -5.31	46.58 2.40 -7.88	39.14 2.28 -2.31	36.11 2.05 -2.46	35.06 1.76 -4.46	33.35 1.46 -5.74
INDIAN POINT_GT_2 23659	32.39 1.56 -3.99	32.00 1.26 -8.23	31.37 1.18 -8.67	31.13 1.15 -8.68	31.98 1.19 -8.75	34.00 1.51 -6.09	39.91 2.32 -1.94	47.66 2.56 -6.32	46.10 2.54 -6.78	40.40 2.26 -5.81	40.68 2.16 -8.13	37.46 2.04 -6.65	37.05 2.05 -5.94	36.73 2.07 -5.66	37.58 2.14 -5.66	45.43 2.18 -12.54	48.37 2.62 -8.37	58.80 2.62 -18.79	52.55 2.84 -5.31	46.58 2.40 -7.88	39.14 2.28 -2.31	36.11 2.05 -2.46	35.06 1.76 -4.46	33.35 1.46 -5.74
INDIAN POINT_GT_3 24019	32.39 1.56 -3.99	32.00 1.26 -8.23	31.37 1.18 -8.67	31.13 1.15 -8.68	31.98 1.19 -8.75	34.00 1.51 -6.09	39.91 2.32 -1.94	47.66 2.56 -6.32	46.10 2.54 -6.78	40.40 2.26 -5.81	40.68 2.16 -8.13	37.46 2.04 -6.65	37.05 2.05 -5.94	36.73 2.07 -5.66	37.58 2.14 -5.66	45.43 2.18 -12.54	48.37 2.62 -8.37	58.80 2.62 -18.79	52.55 2.84 -5.31	46.58 2.40 -7.88	39.14 2.28 -2.31	36.11 2.05 -2.46	35.06 1.76 -4.46	33.35 1.46 -5.74
INDIAN POINT___2 23530	32.34 1.53 -3.97	31.92 1.24 -8.17	31.30 1.16 -8.61	31.05 1.13 -8.63	31.92 1.19 -8.69	33.96 1.50 -6.05	39.89 2.32 -1.93	47.62 2.56 -6.28	46.03 2.50 -6.74	40.33 2.23 -5.77	40.60 2.13 -8.07	37.42 2.04 -6.60	36.98 2.02 -6.52	36.67 2.04 -5.90	37.52 2.11 -5.63	45.35 2.18 -12.46	48.32 2.62 -8.32	58.68 2.62 -18.67	53.08 2.93 -5.75	47.01 2.40 -8.31	39.05 2.21 -2.29	35.73 1.96 -2.19	34.53 1.73 -3.96	32.70 1.46 -5.09
INDIAN POINT___3 23531	32.37 1.53 -3.99	31.98 1.24 -8.23	31.36 1.16 -8.67	31.11 1.13 -8.68	31.98 1.19 -8.75	33.97 1.48 -6.09	39.91 2.32 -1.94	47.62 2.52 -6.32	46.07 2.50 -6.78	40.37 2.23 -5.81	40.65 2.13 -8.13	37.44 2.01 -6.65	37.02 2.02 -6.56	36.71 2.04 -5.94	37.55 2.11 -5.67	45.40 2.15 -12.54	48.37 2.62 -8.37	58.77 2.58 -18.79	52.51 2.80 -5.31	46.55 2.36 -7.88	39.11 2.25 -2.31	36.07 2.02 -2.46	35.03 1.73 -4.46	33.35 1.46 -5.74
INGHAM_C_115KV_TB7 356103	27.73 0.83 -0.06	23.30 0.68 -0.12	22.25 0.60 -0.12	22.00 0.58 -0.12	22.74 0.57 -0.12	27.20 0.71 -0.09	36.74 1.07 -0.03	40.15 1.28 -0.09	38.17 1.29 -0.10	33.51 1.10 -0.08	31.42 0.91 -0.12	29.59 0.72 -0.10	29.16 0.63 -0.09	29.44 0.63 -0.08	30.48 0.63 -0.08	31.50 0.61 -0.18	38.18 0.67 -0.12	38.34 0.67 -0.27	45.16 0.75 0.00	36.92 0.62 0.00	35.14 0.59 0.00	32.26 0.63 -0.03	29.45 0.55 -0.06	26.73 0.50 -0.08
IP CORINTH___1 23988	32.45 0.97 -4.64	32.88 0.81 -9.56	32.34 0.75 -10.07	32.15 0.77 -10.09	33.06 0.86 -10.16	34.57 1.08 -7.08	39.51 1.60 -2.26	47.99 1.86 -7.34	46.51 1.84 -7.88	40.60 1.52 -6.75	41.24 1.40 -9.45	37.85 1.35 -7.73	37.37 1.31 -7.62	36.87 1.24 -6.91	37.43 1.07 -6.58	46.33 1.04 -14.58	48.46 1.35 -9.73	60.66 1.42 -21.84	47.53 1.64 -1.48	41.95 1.20 -4.44	38.62 1.21 -2.86	35.46 1.01 -2.86	35.00 0.98 -5.18	34.28 1.46 -6.67

IP__TICONDEROGA 23804	33.52 2.04 -4.63	33.77 1.71 -9.55	33.20 1.61 -10.06	32.99 1.62 -10.08	34.00 1.81 -10.15	35.72 2.24 -7.07	41.22 3.32 -2.26	49.88 3.76 -7.34	48.34 3.68 -7.88	42.08 3.01 -6.74	42.60 2.77 -9.44	39.11 2.62 -7.72	38.53 2.47 -7.62	38.01 2.38 -6.90	38.62 2.26 -6.58	47.64 2.36 -14.57	50.25 3.14 -9.72	62.55 3.33 -21.82	49.89 4.00 -1.49	43.73 2.98 -4.45	40.31 2.90 -2.85	36.91 2.46 -2.86	36.21 2.19 -5.18	35.21 2.41 -6.66
ISLIP_RES_REC 323679	32.87 2.01 -4.01	32.24 1.46 -8.27	31.57 1.33 -8.71	31.24 1.21 -8.73	32.11 1.28 -8.79	34.69 2.17 -6.12	41.40 3.67 -2.08	48.39 3.26 -6.35	47.02 3.42 -6.81	43.11 3.30 -7.49	41.18 2.61 -8.18	38.50 2.50 -7.23	37.54 2.50 -6.60	37.23 2.53 -5.98	44.39 3.04 -11.58	46.32 3.01 -12.60	49.09 3.29 -8.41	59.77 3.48 -18.89	53.31 4.00 -4.91	47.21 3.41 -7.49	45.59 3.32 -7.72	43.37 3.10 -8.68	35.50 2.62 -4.03	33.33 1.99 -5.19
JAMAICA__27_KV_LOAD 355505	32.68 1.83 -4.01	32.26 1.49 -8.27	31.59 1.36 -8.71	31.32 1.30 -8.72	32.20 1.37 -8.79	34.29 1.77 -6.12	40.34 2.74 -1.95	47.96 2.83 -6.35	46.36 2.76 -6.81	40.75 2.59 -5.84	41.02 2.46 -8.17	37.84 2.39 -6.68	37.42 2.39 -6.59	37.11 2.41 -5.97	37.91 2.44 -5.69	45.77 2.46 -12.60	48.79 2.99 -8.41	59.19 2.92 -18.88	52.61 3.29 -4.92	46.59 2.80 -7.49	39.58 2.69 -2.33	36.62 2.56 -2.47	35.49 2.16 -4.48	33.69 1.78 -5.77
JANIS__SOLAR 323808	28.71 0.78 -1.09	25.41 0.65 -2.25	24.56 0.67 -2.37	24.29 0.62 -2.37	25.16 0.73 -2.39	29.03 0.98 -1.65	37.53 1.35 -0.53	42.37 1.86 -1.72	40.36 1.73 -1.85	35.27 1.36 -1.58	33.79 1.18 -2.21	31.62 1.03 -1.81	31.16 0.94 -1.78	31.28 0.95 -1.61	32.38 1.07 -1.54	35.37 1.26 -3.40	41.38 1.72 -2.27	44.43 1.94 -5.09	45.80 1.95 0.56	37.96 1.64 -0.01	36.62 1.48 -0.59	33.41 1.26 -0.56	30.75 0.90 -1.01	28.25 0.78 -1.32
JARVIS____ 23743	26.98 0.08 -0.06	22.70 0.07 -0.12	21.71 0.06 -0.12	21.46 0.04 -0.12	22.21 0.04 -0.12	26.54 0.05 -0.09	35.78 0.11 -0.03	38.99 0.12 -0.09	36.96 0.07 -0.10	32.48 0.06 -0.08	30.57 0.06 -0.12	28.93 0.06 -0.10	28.59 0.06 -0.09	28.87 0.06 -0.08	29.91 0.06 -0.08	30.92 0.03 -0.18	37.58 0.07 -0.12	37.74 0.07 -0.27	44.45 0.04 0.00	36.34 0.04 0.00	34.59 0.03 0.00	31.59 0.00 0.00	28.84 0.00 0.00	26.15 0.00 0.00
JENNISON___1 23625	29.26 0.99 -1.42	26.31 0.88 -2.93	25.51 0.90 -3.08	25.22 0.83 -3.09	26.08 0.93 -3.11	29.74 1.19 -2.15	38.04 1.71 -0.69	43.30 2.29 -2.23	41.35 2.17 -2.39	36.19 1.81 -2.05	35.00 1.73 -2.87	32.70 1.58 -2.35	32.23 1.48 -2.31	32.31 1.49 -2.09	33.35 1.58 -2.00	36.82 1.69 -4.42	42.50 2.17 -2.95	46.34 2.32 -6.62	46.17 2.49 0.72	38.29 1.96 -0.02	37.18 1.87 -0.76	34.01 1.55 -0.87	31.57 1.15 -1.57	29.18 0.99 -2.04
JENNISON___2 23626	29.26 0.99 -1.42	26.31 0.88 -2.93	25.51 0.90 -3.08	25.22 0.83 -3.09	26.08 0.93 -3.11	29.74 1.19 -2.15	38.04 1.71 -0.69	43.30 2.29 -2.23	41.35 2.17 -2.39	36.19 1.81 -2.05	35.00 1.73 -2.87	32.70 1.58 -2.35	32.23 1.48 -2.31	32.31 1.49 -2.09	33.35 1.58 -2.00	36.82 1.69 -4.42	42.50 2.17 -2.95	46.34 2.32 -6.62	46.17 2.49 0.72	38.29 1.96 -0.02	37.18 1.87 -0.76	34.01 1.55 -0.87	31.57 1.15 -1.57	29.18 0.99 -2.04
JERICHO_RISE_WT_PWR 323719	26.11 -0.80 -0.07	21.96 -0.70 -0.15	20.67 -1.01 -0.16	20.54 -0.92 -0.16	20.81 -1.39 -0.16	24.93 -1.58 -0.11	34.08 -1.60 -0.04	36.58 -2.33 -0.12	34.23 -2.68 -0.13	29.69 -2.75 -0.11	19.98 -2.74 7.68	4.78 -2.62 21.37	2.69 -2.62 23.14	1.63 -2.70 24.40	1.53 -2.86 25.38	1.50 -2.98 26.23	1.33 -3.89 32.17	3.29 -4.08 30.03	2.69 -4.97 36.74	2.32 -3.96 30.03	3.31 -3.77 27.47	3.32 -3.47 24.79	2.30 -3.23 23.31	2.26 -2.95 20.93
KATONAH__115KV_46KV_TB4 355592	32.57 1.69 -4.04	32.18 1.35 -8.32	31.58 1.29 -8.76	31.33 1.26 -8.78	32.18 1.30 -8.84	34.20 1.64 -6.15	40.07 2.46 -1.97	47.89 2.71 -6.39	46.36 2.72 -6.86	40.63 2.42 -5.87	40.95 2.34 -8.22	37.71 2.22 -6.72	37.29 2.22 -6.63	36.94 2.21 -6.01	37.79 2.29 -5.73	45.72 2.33 -12.68	48.61 2.77 -8.46	59.16 2.77 -18.99	51.93 3.11 -4.42	45.88 2.58 -7.00	39.36 2.45 -2.35	36.26 2.18 -2.49	35.25 1.90 -4.51	33.54 1.60 -5.80
KCE_NY_1 323755	32.68 1.21 -4.63	33.06 1.01 -9.54	32.52 0.95 -10.05	32.30 0.94 -10.06	33.17 0.99 -10.14	34.71 1.24 -7.06	39.72 1.82 -2.25	48.17 2.05 -7.33	46.64 1.99 -7.87	40.75 1.68 -6.74	41.40 1.58 -9.43	37.98 1.50 -7.71	37.50 1.45 -7.61	37.02 1.41 -6.89	37.77 1.43 -6.57	46.73 1.47 -14.55	48.93 1.83 -9.71	61.10 1.91 -21.79	48.13 2.22 -1.50	42.47 1.71 -4.46	39.02 1.62 -2.85	35.74 1.42 -2.72	35.04 1.27 -4.93	33.77 1.28 -6.34
KCE_NY_6_ESR 323823	25.53 -1.96 -0.64	22.21 -1.62 -1.32	21.39 -1.53 -1.39	21.16 -1.53 -1.39	21.79 -1.65 -1.41	25.15 -2.06 -0.80	32.98 -2.92 -0.26	36.36 -3.26 -0.83	34.48 -3.20 -0.89	30.38 -2.72 -0.77	28.94 -2.52 -1.07	27.26 -2.39 -0.88	26.91 -2.39 -0.86	27.12 -2.38 -0.78	28.02 -2.50 -0.75	29.74 -2.61 -1.64	35.27 -3.22 -1.10	36.64 -3.22 -2.46	40.05 -4.35 0.01	32.95 -3.63 -0.28	31.44 -3.38 -0.27	28.86 -3.00 -0.27	26.79 -2.54 -0.49	24.88 -2.04 -0.77
KEDC_PORT_JEFF_GT2 24210	32.81 1.96 -4.01	32.20 1.42 -8.27	31.53 1.29 -8.71	31.19 1.17 -8.73	32.06 1.23 -8.79	34.61 2.09 -6.12	41.26 3.53 -2.08	48.24 3.10 -6.35	46.91 3.31 -6.81	42.98 3.17 -7.48	41.06 2.49 -8.18	38.38 2.39 -7.22	37.43 2.39 -6.60	37.14 2.44 -5.98	44.24 2.92 -11.54	46.20 2.89 -12.60	48.94 3.14 -8.41	59.58 3.29 -18.89	53.13 3.82 -4.91	47.07 3.27 -7.49	45.42 3.18 -7.69	43.24 3.00 -8.65	35.41 2.54 -4.03	33.25 1.91 -5.19
KEDC_PORT_JEFF_GT3 24211	32.81 1.96 -4.01	32.20 1.42 -8.27	31.53 1.29 -8.71	31.19 1.17 -8.73	32.06 1.23 -8.79	34.61 2.09 -6.12	41.26 3.53 -2.08	48.24 3.10 -6.35	46.91 3.31 -6.81	42.98 3.17 -7.48	41.06 2.49 -8.18	38.38 2.39 -7.22	37.43 2.39 -6.60	37.14 2.44 -5.98	44.24 2.92 -11.54	46.20 2.89 -12.60	48.94 3.14 -8.41	59.58 3.29 -18.89	53.13 3.82 -4.91	47.07 3.27 -7.49	45.42 3.18 -7.69	43.24 3.00 -8.65	35.41 2.54 -4.03	33.25 1.91 -5.19
KEDC_GLWD_GT4 24219	32.68 1.83 -4.01	32.20 1.42 -8.27	31.53 1.29 -8.71	31.26 1.23 -8.73	32.13 1.30 -8.79	34.32 1.80 -6.12	40.58 2.89 -2.05	48.08 2.95 -6.35	46.62 3.02 -6.81	43.57 2.75 -8.49	41.16 2.58 -8.18	38.86 2.47 -7.61	37.52 2.47 -6.61	37.21 2.50 -5.99	47.55 2.59 -15.19	45.95 2.64 -12.60	48.86 3.07 -8.41	59.36 3.07 -18.90	52.86 3.55 -4.91	46.71 2.91 -7.50	48.31 2.73 -11.03	46.71 2.47 -12.65	35.07 2.19 -4.03	33.09 1.75 -5.19
KEDC_GLWD_GT5 24220	32.68 1.83 -4.01	32.20 1.42 -8.27	31.53 1.29 -8.71	31.26 1.23 -8.73	32.13 1.30 -8.79	34.32 1.80 -6.12	40.58 2.89 -2.05	48.08 2.95 -6.35	46.62 3.02 -6.81	43.57 2.75 -8.49	41.16 2.58 -8.18	38.86 2.47 -7.61	37.52 2.47 -6.61	37.21 2.50 -5.99	47.55 2.59 -15.19	45.95 2.64 -12.60	48.86 3.07 -8.41	59.36 3.07 -18.90	52.86 3.55 -4.91	46.71 2.91 -7.50	48.31 2.73 -11.03	46.71 2.47 -12.65	35.07 2.19 -4.03	33.09 1.75 -5.19

KENSICO____ 23655	32.49 1.64 -4.01	32.07 1.31 -8.26	31.45 1.23 -8.70	31.21 1.19 -8.72	32.08 1.26 -8.78	34.07 1.56 -6.11	40.02 2.42 -1.95	47.76 2.64 -6.34	46.20 2.61 -6.81	40.52 2.36 -5.83	40.80 2.25 -8.16	37.58 2.13 -6.67	37.16 2.13 -6.58	36.84 2.15 -5.96	37.69 2.23 -5.69	45.57 2.27 -12.59	48.55 2.77 -8.40	58.99 2.73 -18.86	52.39 2.97 -5.01	46.44 2.54 -7.59	39.26 2.38 -2.33	36.21 2.15 -2.47	35.16 1.85 -4.48	33.45 1.54 -5.76
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.36 1.64 -3.87	31.82 1.33 -7.99	31.21 1.27 -8.41	30.94 1.21 -8.43	31.83 1.30 -8.49	33.90 1.58 -5.91	39.99 2.46 -1.89	47.63 2.71 -6.13	46.13 2.76 -6.58	40.33 2.36 -5.64	40.47 2.19 -7.89	37.27 2.04 -6.45	36.82 2.02 -6.37	36.50 2.01 -5.77	37.39 2.11 -5.50	45.12 2.24 -12.17	48.31 2.80 -8.12	58.44 2.80 -18.24	49.56 3.06 -2.09	43.25 2.54 -4.40	39.19 2.45 -2.19	36.06 2.08 -2.39	34.99 1.82 -4.33	33.21 1.49 -5.57
KIAC_JFK_GT1 23816	32.55 1.69 -4.01	32.13 1.35 -8.27	31.48 1.25 -8.71	31.22 1.19 -8.72	32.09 1.26 -8.79	34.13 1.61 -6.12	40.13 2.53 -1.95	47.58 2.44 -6.35	45.99 2.39 -6.81	40.59 2.42 -5.84	40.87 2.31 -8.17	37.67 2.22 -6.68	37.28 2.25 -6.59	36.96 2.27 -5.97	37.76 2.29 -5.69	45.46 2.15 -12.60	48.41 2.62 -8.41	58.82 2.54 -18.88	52.12 2.80 -4.92	46.23 2.43 -7.49	39.37 2.49 -2.33	36.43 2.37 -2.47	35.34 2.02 -4.48	33.54 1.62 -5.77
KIAC_JFK_GT2 23817	32.55 1.69 -4.01	32.13 1.35 -8.27	31.48 1.25 -8.71	31.22 1.19 -8.72	32.09 1.26 -8.79	34.13 1.61 -6.12	40.13 2.53 -1.95	47.58 2.44 -6.35	45.99 2.39 -6.81	40.59 2.42 -5.84	40.87 2.31 -8.17	37.67 2.22 -6.68	37.28 2.25 -6.59	36.96 2.27 -5.97	37.76 2.29 -5.69	45.46 2.15 -12.60	48.41 2.62 -8.41	58.82 2.54 -18.88	52.12 2.80 -4.92	46.23 2.43 -7.49	39.37 2.49 -2.33	36.43 2.37 -2.47	35.34 2.02 -4.48	33.54 1.62 -5.77
KIAC_JFK____ 323774	32.55 1.69 -4.01	32.13 1.35 -8.27	31.48 1.25 -8.71	31.21 1.19 -8.72	32.08 1.26 -8.79	34.16 1.64 -6.12	40.13 2.53 -1.95	47.58 2.44 -6.35	45.99 2.39 -6.81	40.59 2.43 -5.84	40.87 2.31 -8.17	37.67 2.22 -6.68	37.28 2.25 -6.59	36.96 2.27 -5.97	37.76 2.29 -5.69	45.46 2.15 -12.60	48.41 2.62 -8.41	58.82 2.54 -18.88	52.29 2.98 -4.92	46.23 2.43 -7.49	39.33 2.45 -2.33	36.06 2.24 -2.23	34.89 2.02 -4.03	32.96 1.62 -5.19
KINTIGH____ 23543	25.82 -1.56 -0.53	22.33 -1.28 -1.10	21.48 -1.21 -1.16	21.27 -1.19 -1.16	21.97 -1.23 -1.17	25.78 -1.53 -0.90	33.44 -2.50 -0.29	36.66 -3.06 -0.94	34.67 -3.13 -1.01	30.67 -2.52 -0.86	29.23 -2.37 -1.21	27.60 -2.16 -0.99	27.28 -2.13 -0.97	27.42 -2.18 -0.88	28.32 -2.29 -0.84	30.08 -2.49 -1.86	35.49 -3.14 -1.24	36.86 -3.33 -2.79	39.88 -4.53 0.00	32.82 -3.81 -0.33	31.35 -3.52 -0.32	28.98 -2.97 -0.36	27.27 -2.22 -0.65	25.37 -1.54 -0.77
KNTFSRNC_46_KV_46KV_LOAD 80397	26.54 -0.38 -0.07	22.30 -0.36 -0.15	20.97 -0.71 -0.16	20.86 -0.60 -0.16	21.12 -1.08 -0.16	25.30 -1.21 -0.11	34.65 -1.03 -0.04	37.16 -1.75 -0.12	34.78 -2.13 -0.13	30.11 -2.33 -0.11	20.34 -2.37 7.68	5.16 -2.24 21.37	3.06 -2.25 23.14	1.94 -2.38 24.40	1.89 -2.50 25.38	1.86 -2.61 26.23	1.86 -3.36 32.17	2.56 -3.37 31.48	1.70 -4.22 38.48	1.47 -3.38 31.46	2.63 -3.14 28.78	2.76 -2.91 25.92	1.68 -2.83 24.33	1.80 -2.54 21.81
LACHUTE__HYDRO 323717	33.52 2.04 -4.63	33.77 1.71 -9.55	33.20 1.61 -10.06	32.99 1.62 -10.08	33.95 1.76 -10.15	35.72 2.24 -7.07	41.22 3.32 -2.26	49.88 3.76 -7.34	48.34 3.68 -7.88	42.08 3.01 -6.74	42.60 2.77 -9.44	39.11 2.62 -7.72	38.53 2.47 -7.62	38.01 2.38 -6.90	38.61 2.26 -6.58	47.64 2.36 -14.57	50.25 3.14 -9.72	62.55 3.33 -21.82	49.93 4.04 -1.49	43.73 2.98 -4.45	40.27 2.87 -2.85	36.75 2.43 -2.73	35.97 2.19 -4.94	34.91 2.40 -6.35
LAWRNCV_115KV_TB1 80681	26.36 -0.59 -0.10	22.23 -0.50 -0.21	20.97 -0.77 -0.23	20.86 -0.66 -0.23	21.19 -1.08 -0.23	25.40 -1.16 -0.16	34.73 -0.96 -0.05	37.32 -1.63 -0.16	35.02 -1.95 -0.18	30.38 -2.10 -0.15	22.41 -2.04 5.94	10.14 -1.90 16.73	8.44 -1.88 18.12	7.68 -1.92 19.12	7.88 -1.99 19.90	8.16 -2.06 20.49	9.60 -2.58 25.20	10.05 -2.80 24.54	10.67 -3.46 30.27	8.85 -2.76 24.70	9.41 -2.56 22.59	8.76 -2.46 20.36	7.38 -2.37 19.09	6.88 -2.17 17.10
LEDERLE____ 23769	32.39 1.61 -3.94	31.93 1.31 -8.12	31.32 1.25 -8.55	31.06 1.19 -8.57	31.93 1.26 -8.63	34.00 1.58 -6.01	40.02 2.46 -1.92	47.77 2.75 -6.23	46.16 2.69 -6.69	40.45 2.39 -5.73	40.66 2.25 -8.02	37.49 2.16 -6.56	37.04 2.13 -6.47	36.74 2.15 -5.86	37.60 2.23 -5.59	45.39 2.30 -12.38	48.45 2.80 -8.26	58.74 2.80 -18.54	54.01 3.06 -6.55	47.97 2.54 -9.12	39.23 2.42 -2.26	36.17 2.15 -2.43	35.09 1.85 -4.40	33.35 1.54 -5.66
LIGHTHSE_115KV_TB6 355974	26.66 -0.48 -0.30	22.72 -0.41 -0.61	21.78 -0.39 -0.65	21.54 -0.40 -0.65	22.29 -0.40 -0.65	26.41 -0.45 -0.45	35.19 -0.61 -0.15	38.75 -0.50 -0.47	36.79 -0.51 -0.52	32.29 -0.48 -0.45	29.93 -0.49 -0.02	27.14 -0.49 1.15	26.63 -0.51 1.30	26.76 -0.52 1.44	27.73 -0.51 1.54	29.11 -0.49 1.10	34.96 -0.56 1.86	35.84 -0.52 1.04	40.74 -0.71 2.95	33.44 -0.62 2.25	31.95 -0.55 2.05	29.28 -0.51 1.81	26.75 -0.55 1.54	24.40 -0.50 1.25
LINDEN COGEN____ 23786	32.60 1.74 -4.01	32.17 1.40 -8.27	31.52 1.29 -8.71	31.28 1.26 -8.72	32.15 1.32 -8.79	34.19 1.66 -6.12	40.13 2.53 -1.95	47.89 2.75 -6.35	46.36 2.76 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.74 2.43 -12.60	48.75 2.95 -8.41	59.08 2.81 -18.88	52.61 3.29 -4.92	46.52 2.72 -7.49	39.37 2.49 -2.33	36.03 2.21 -2.23	34.86 1.99 -4.03	32.99 1.65 -5.19
LINDHRST_69_KV_BK1 356055	32.87 2.01 -4.01	32.26 1.49 -8.27	31.70 1.46 -8.71	31.19 1.17 -8.73	32.09 1.26 -8.79	34.48 1.95 -6.12	41.22 3.49 -2.08	48.35 3.22 -6.35	46.95 3.35 -6.81	43.10 3.14 -7.64	41.34 2.77 -8.18	38.71 2.65 -7.29	37.71 2.67 -6.60	37.41 2.70 -5.98	44.84 2.95 -12.12	46.20 2.89 -12.60	49.01 3.22 -8.41	59.58 3.29 -18.89	53.04 3.73 -4.91	47.06 3.27 -7.49	45.94 3.18 -8.21	44.11 3.00 -9.52	35.86 2.54 -4.48	33.85 1.93 -5.77
LIPA_MISC_IPP 23656	32.65 1.80 -4.01	32.06 1.28 -8.27	31.63 1.40 -8.71	31.02 1.00 -8.73	31.87 1.04 -8.79	34.50 1.98 -6.12	41.33 3.60 -2.08	48.16 3.03 -6.35	46.76 3.16 -6.81	42.87 3.07 -7.47	40.61 2.04 -8.18	37.98 1.99 -7.22	37.03 1.99 -6.60	36.71 2.01 -5.98	44.10 2.80 -11.52	46.01 2.70 -12.60	48.75 2.95 -8.41	59.43 3.14 -18.89	52.82 3.51 -4.91	46.88 3.09 -7.49	45.26 3.04 -7.67	43.43 2.97 -8.87	35.72 2.39 -4.48	33.75 1.83 -5.77
LISF__SOLAR 323691	32.68 1.83 -4.01	32.08 1.31 -8.27	31.44 1.20 -8.71	31.09 1.06 -8.73	31.93 1.10 -8.79	34.61 2.09 -6.12	41.26 3.53 -2.08	48.20 3.06 -6.35	46.84 3.24 -6.81	42.94 3.14 -7.47	40.64 2.07 -8.18	38.01 2.01 -7.22	37.06 2.02 -6.60	36.74 2.04 -5.98	44.16 2.86 -11.53	46.11 2.79 -12.60	48.82 3.03 -8.41	59.54 3.25 -18.89	53.04 3.73 -4.91	46.99 3.20 -7.49	45.34 3.11 -7.68	43.13 2.90 -8.63	35.33 2.45 -4.03	33.20 1.86 -5.19

LITTLE FALLS___HYD 24013	27.73 0.83 -0.06	23.30 0.68 -0.12	22.25 0.60 -0.12	22.00 0.58 -0.12	22.74 0.57 -0.12	27.20 0.71 -0.09	36.74 1.07 -0.03	40.15 1.28 -0.09	38.17 1.29 -0.10	33.51 1.10 -0.08	31.42 0.91 -0.12	29.59 0.72 -0.10	29.16 0.63 -0.09	29.44 0.63 -0.08	30.48 0.63 -0.08	31.50 0.61 -0.18	38.18 0.67 -0.12	38.34 0.67 -0.27	45.16 0.75 0.00	36.92 0.62 0.00	35.14 0.59 0.00	32.26 0.63 -0.03	29.45 0.55 -0.06	26.73 0.50 -0.08
LITTLRIV_115KV_TB1 356100	26.57 -0.38 -0.11	22.44 -0.29 -0.22	21.17 -0.58 -0.23	21.04 -0.49 -0.23	21.37 -0.90 -0.23	25.64 -0.92 -0.16	35.09 -0.61 -0.05	37.79 -1.16 -0.17	35.43 -1.54 -0.19	30.65 -1.84 -0.16	22.79 -1.82 5.78	10.77 -1.73 16.28	9.13 -1.68 17.63	8.39 -1.72 18.61	8.62 -1.79 19.36	8.93 -1.84 19.93	10.62 -2.24 24.53	11.18 -2.36 23.86	12.05 -2.89 29.47	9.98 -2.29 24.04	10.45 -2.11 21.99	9.68 -2.08 19.82	8.15 -2.11 18.59	7.55 -1.96 16.64
LI_NEWBRDGE___DRP 323616	32.49 1.64 -4.01	31.99 1.22 -8.27	31.42 1.18 -8.71	30.96 0.94 -8.73	31.84 1.01 -8.79	34.11 1.58 -6.12	40.58 2.85 -2.09	47.77 2.64 -6.35	46.40 2.80 -6.81	42.29 2.59 -7.38	40.88 2.31 -8.18	38.17 2.22 -7.18	37.29 2.25 -6.60	37.00 2.30 -5.98	43.37 2.41 -11.18	45.74 2.43 -12.60	48.45 2.65 -8.41	58.94 2.66 -18.89	52.33 3.02 -4.91	46.41 2.61 -7.49	44.47 2.56 -7.36	42.52 2.43 -8.50	35.40 2.08 -4.48	33.48 1.57 -5.77
LOCKPORT_115KV_TB60_63_64 80432	25.54 -1.88 -0.58	22.11 -1.60 -1.19	21.27 -1.51 -1.26	21.07 -1.49 -1.26	21.74 -1.56 -1.27	25.25 -1.90 -0.74	32.96 -2.92 -0.24	36.06 -3.49 -0.77	34.16 -3.46 -0.83	30.16 -2.88 -0.71	28.71 -2.67 -0.99	27.11 -2.47 -0.81	26.76 -2.47 -0.80	26.95 -2.50 -0.72	27.84 -2.62 -0.69	29.44 -2.79 -1.52	34.96 -3.44 -1.02	36.09 -3.59 -2.28	39.65 -4.75 0.00	32.50 -4.07 -0.26	31.07 -3.73 -0.25	28.65 -3.25 -0.31	26.81 -2.60 -0.56	25.07 -1.91 -0.83
LOCKPORT___CC1 323769	25.52 -1.91 -0.58	22.12 -1.60 -1.20	21.31 -1.48 -1.27	21.08 -1.49 -1.27	21.73 -1.59 -1.28	25.19 -1.95 -0.74	32.93 -2.96 -0.24	35.99 -3.57 -0.77	34.08 -3.53 -0.83	30.13 -2.91 -0.71	28.65 -2.74 -0.99	27.05 -2.53 -0.81	26.71 -2.53 -0.80	26.92 -2.53 -0.72	27.81 -2.65 -0.69	29.38 -2.85 -1.52	34.89 -3.52 -1.02	36.05 -3.63 -2.28	39.38 -5.02 0.00	32.42 -4.14 -0.26	31.00 -3.80 -0.25	28.59 -3.25 -0.25	26.67 -2.62 -0.45	24.91 -1.93 -0.70
LOCKPORT___CC2 323770	25.52 -1.91 -0.58	22.12 -1.60 -1.20	21.31 -1.48 -1.27	21.08 -1.49 -1.27	21.73 -1.59 -1.28	25.19 -1.95 -0.74	32.93 -2.96 -0.24	35.99 -3.57 -0.77	34.08 -3.53 -0.83	30.13 -2.91 -0.71	28.65 -2.74 -0.99	27.05 -2.53 -0.81	26.71 -2.53 -0.80	26.92 -2.53 -0.72	27.81 -2.65 -0.69	29.38 -2.85 -1.52	34.89 -3.52 -1.02	36.05 -3.63 -2.28	39.38 -5.02 0.00	32.42 -4.14 -0.26	31.00 -3.80 -0.25	28.59 -3.25 -0.25	26.67 -2.62 -0.45	24.91 -1.93 -0.70
LOCKPORT___CC3 323771	25.52 -1.91 -0.58	22.12 -1.60 -1.20	21.31 -1.48 -1.27	21.08 -1.49 -1.27	21.73 -1.59 -1.28	25.19 -1.95 -0.74	32.93 -2.96 -0.24	35.99 -3.57 -0.77	34.08 -3.53 -0.83	30.13 -2.91 -0.71	28.65 -2.74 -0.99	27.05 -2.53 -0.81	26.71 -2.53 -0.80	26.92 -2.53 -0.72	27.81 -2.65 -0.69	29.38 -2.85 -1.52	34.89 -3.52 -1.02	36.05 -3.63 -2.28	39.38 -5.02 0.00	32.42 -4.14 -0.26	31.00 -3.80 -0.25	28.59 -3.25 -0.25	26.67 -2.62 -0.45	24.91 -1.93 -0.70
LONG_LAKE_PHOENIX 24014	26.63 -0.54 -0.33	22.71 -0.47 -0.68	21.81 -0.43 -0.71	21.59 -0.43 -0.71	22.36 -0.40 -0.72	26.43 -0.48 -0.50	35.09 -0.71 -0.16	38.65 -0.66 -0.52	36.74 -0.63 -0.58	32.31 -0.52 -0.49	30.42 -0.46 -0.51	28.38 -0.46 -0.06	27.95 -0.48 0.00	28.12 -0.52 0.08	29.11 -0.54 0.13	30.60 -0.52 -0.41	36.68 -0.64 0.07	37.62 -0.60 -0.82	42.63 -0.89 0.88	35.00 -0.76 0.54	33.31 -0.76 0.49	30.57 -0.63 0.39	28.07 -0.58 0.19	25.62 -0.50 0.03
LOVETT___3 23632	32.29 1.50 -3.95	31.86 1.22 -8.13	31.25 1.16 -8.57	30.99 1.11 -8.58	31.85 1.17 -8.65	33.88 1.45 -6.02	39.85 2.28 -1.92	47.55 2.52 -6.24	45.99 2.50 -6.70	40.27 2.20 -5.74	40.52 2.10 -8.03	37.36 2.01 -6.57	36.91 1.99 -6.48	36.61 2.01 -5.87	37.46 2.08 -5.60	45.25 2.15 -12.40	48.24 2.58 -8.27	58.55 2.58 -18.57	53.54 2.80 -6.34	47.58 2.36 -8.91	39.03 2.21 -2.27	36.01 1.99 -2.43	34.95 1.70 -4.41	33.26 1.44 -5.67
LOVETT___4 23642	32.29 1.50 -3.95	31.86 1.22 -8.13	31.25 1.16 -8.57	30.99 1.11 -8.58	31.85 1.17 -8.65	33.88 1.45 -6.02	39.85 2.28 -1.92	47.55 2.52 -6.24	45.99 2.50 -6.70	40.27 2.20 -5.74	40.52 2.10 -8.03	37.36 2.01 -6.57	36.91 1.99 -6.48	36.61 2.01 -5.87	37.46 2.08 -5.60	45.25 2.15 -12.40	48.24 2.58 -8.27	58.55 2.58 -18.57	53.54 2.80 -6.34	47.58 2.36 -8.91	39.03 2.21 -2.27	36.01 1.99 -2.43	34.95 1.70 -4.41	33.26 1.44 -5.67
LOVETT___5 23593	32.29 1.50 -3.95	31.86 1.22 -8.13	31.25 1.16 -8.57	30.99 1.11 -8.58	31.85 1.17 -8.65	33.88 1.45 -6.02	39.85 2.28 -1.92	47.55 2.52 -6.24	45.99 2.50 -6.70	40.27 2.20 -5.74	40.52 2.10 -8.03	37.36 2.01 -6.57	36.91 1.99 -6.48	36.61 2.01 -5.87	37.46 2.08 -5.60	45.25 2.15 -12.40	48.24 2.58 -8.27	58.55 2.58 -18.57	53.54 2.80 -6.34	47.58 2.36 -8.91	39.03 2.21 -2.27	36.01 1.99 -2.43	34.95 1.70 -4.41	33.26 1.44 -5.67
LOWER RAQUET___HYD 24057	26.39 -0.56 -0.11	22.26 -0.47 -0.23	21.01 -0.75 -0.24	20.90 -0.64 -0.24	21.22 -1.06 -0.24	25.44 -1.13 -0.17	34.81 -0.89 -0.05	37.45 -1.51 -0.18	35.10 -1.87 -0.19	30.46 -2.04 -0.16	22.80 -1.98 5.62	11.08 -1.84 15.86	9.44 -1.82 17.18	8.73 -1.87 18.13	8.98 -1.93 18.86	9.31 -2.00 19.41	11.03 -2.47 23.89	10.43 -2.73 24.24	11.13 -3.33 29.94	9.19 -2.69 24.43	9.72 -2.49 22.34	9.03 -2.40 20.16	7.59 -2.34 18.92	7.05 -2.14 16.95
LOWER___HUDSON 24059	32.46 1.05 -4.57	32.80 0.88 -9.41	32.26 0.82 -9.92	32.04 0.81 -9.93	32.86 0.82 -10.01	34.43 1.06 -6.97	39.40 1.53 -2.22	47.72 1.70 -7.23	46.24 1.69 -7.76	40.47 1.49 -6.65	41.09 1.40 -9.30	37.71 1.32 -7.61	37.26 1.31 -7.51	36.79 1.26 -6.80	37.54 1.28 -6.48	46.35 1.29 -14.36	48.61 1.64 -9.58	60.55 1.64 -21.50	47.94 1.91 -1.63	42.34 1.49 -4.54	38.77 1.42 -2.80	35.54 1.26 -2.68	34.79 1.10 -4.85	33.41 1.02 -6.24
LOWVILLE_115KV_TB2 356335	26.69 -0.32 -0.16	22.63 -0.23 -0.34	21.62 -0.26 -0.36	21.38 -0.28 -0.36	22.05 -0.35 -0.36	26.37 -0.29 -0.25	35.55 -0.18 -0.08	38.97 -0.08 -0.26	36.89 -0.18 -0.29	32.15 -0.42 -0.24	28.70 -0.43 1.27	24.18 -0.46 4.13	23.45 -0.48 4.50	23.48 -0.46 4.79	24.33 -0.45 5.00	25.36 -0.43 4.91	30.76 -0.34 6.29	31.38 -0.26 5.75	36.20 -0.31 7.89	29.68 -0.25 6.37	28.49 -0.24 5.82	25.98 -0.38 5.23	23.41 -0.61 4.83	21.28 -0.60 4.26
LUTHERFT_115KV_GLOB_FND_222 355753	32.65 1.18 -4.63	33.04 0.99 -9.54	32.50 0.93 -10.05	32.30 0.94 -10.06	33.17 0.99 -10.14	34.71 1.24 -7.06	39.72 1.82 -2.25	48.13 2.02 -7.33	46.64 1.99 -7.87	40.75 1.68 -6.74	41.37 1.55 -9.43	37.98 1.50 -7.71	37.50 1.45 -7.61	37.02 1.41 -6.89	37.74 1.40 -6.57	46.70 1.44 -14.55	48.93 1.83 -9.71	61.06 1.87 -21.79	48.08 2.18 -1.50	42.43 1.67 -4.46	39.02 1.62 -2.85	35.87 1.42 -2.86	35.25 1.24 -5.17	34.08 1.28 -6.65

LUTHERNY_35_KV_BK2 355980	32.68 1.21 -4.63	33.06 1.01 -9.54	32.52 0.95 -10.05	32.30 0.94 -10.06	33.19 1.01 -10.14	34.73 1.27 -7.06	39.72 1.82 -2.25	48.17 2.06 -7.33	46.64 1.99 -7.87	40.75 1.68 -6.74	41.40 1.58 -9.43	37.98 1.50 -7.71	37.50 1.45 -7.61	37.02 1.41 -6.89	37.77 1.43 -6.57	46.73 1.47 -14.55	48.93 1.83 -9.71	61.10 1.91 -21.79	48.08 2.18 -1.50	42.47 1.71 -4.46	39.06 1.66 -2.85	35.90 1.45 -2.86	35.28 1.27 -5.17	34.08 1.28 -6.65
LWR___OSWEGATCHIE_HYD 23850	26.32 -0.67 -0.14	22.27 -0.54 -0.30	21.15 -0.69 -0.31	20.97 -0.64 -0.31	21.45 -0.90 -0.31	25.70 -0.92 -0.22	34.90 -0.82 -0.07	37.89 -1.12 -0.23	35.71 -1.32 -0.25	31.06 -1.49 -0.21	25.29 -1.46 3.65	16.78 -1.41 10.58	15.57 -1.39 11.48	15.19 -1.41 12.13	15.69 -1.46 12.63	16.36 -1.47 12.88	19.69 -1.72 15.97	20.26 -1.80 15.35	22.85 -2.18 19.38	18.79 -1.74 15.77	18.51 -1.62 14.42	16.96 -1.64 12.99	15.00 -1.70 12.14	13.72 -1.60 10.84
LYONS_FALL_HYD 23570	27.00 0.00 -0.15	22.85 0.02 -0.32	21.86 0.00 -0.33	21.61 -0.02 -0.33	22.31 -0.07 -0.34	26.69 0.05 -0.23	35.90 0.18 -0.07	39.38 0.35 -0.25	37.31 0.26 -0.27	32.62 0.06 -0.23	29.74 0.06 0.71	26.21 0.00 2.56	25.61 -0.03 2.80	25.73 0.00 2.99	26.67 0.03 3.13	27.74 0.03 2.99	33.65 0.19 3.92	34.03 0.26 3.63	39.36 0.22 5.27	32.30 0.22 4.23	30.90 0.21 3.86	28.17 0.06 3.48	25.49 -0.14 3.21	23.13 -0.18 2.83
MADISON___COUNTY_LFGE 323628	27.57 0.48 -0.25	23.44 0.43 -0.51	22.49 0.43 -0.53	22.24 0.40 -0.53	23.02 0.44 -0.54	27.41 0.63 -0.38	36.62 0.86 -0.12	40.30 1.12 -0.39	38.27 1.07 -0.42	33.57 0.87 -0.36	31.46 0.82 -0.24	29.18 0.72 0.31	28.74 0.68 0.38	28.98 0.72 0.46	30.03 0.77 0.51	31.38 0.80 0.12	37.85 1.05 0.58	38.60 1.12 -0.09	44.35 1.24 1.30	36.32 0.94 0.93	34.61 0.90 0.84	31.62 0.76 0.72	28.84 0.55 0.55	26.23 0.47 0.39
MALONE___115KV_TB1 356076	27.06 0.11 -0.11	22.83 0.09 -0.23	21.48 -0.28 -0.24	21.43 -0.11 -0.24	21.71 -0.57 -0.24	26.10 -0.48 -0.17	36.06 0.36 -0.05	38.65 -0.31 -0.17	36.24 -0.74 -0.19	31.43 -1.07 -0.16	23.80 -0.97 5.62	12.11 -0.81 15.86	10.47 -0.80 17.18	9.74 -0.86 18.13	9.96 -0.95 18.86	10.35 -0.95 19.41	12.56 -0.93 23.89	10.84 -3.33 23.23	11.56 -4.13 28.72	9.57 -3.30 23.44	10.00 -3.11 21.44	9.36 -2.91 19.33	7.92 -2.80 18.13	7.35 -2.56 16.24
MAPLEWOD_115KV_TB3 80458	32.19 0.81 -4.55	32.55 0.68 -9.37	32.02 0.62 -9.87	31.82 0.64 -9.89	32.64 0.64 -9.96	34.16 0.82 -6.94	39.00 1.14 -2.22	47.27 1.28 -7.20	45.80 1.29 -7.73	40.08 1.13 -6.62	40.72 1.06 -9.26	37.36 1.01 -7.58	36.88 0.97 -7.48	36.44 0.95 -6.77	37.21 0.98 -6.46	46.02 1.01 -14.30	48.20 1.27 -9.54	60.08 1.27 -21.41	47.45 1.42 -1.63	42.00 1.16 -4.53	38.45 1.11 -2.79	35.37 0.98 -2.81	34.73 0.81 -5.08	33.42 0.73 -6.53
MAPLE_RIDGE_WT_1 323574	26.17 -0.67 0.00	21.90 -0.61 0.00	20.81 -0.71 0.00	20.62 -0.68 0.00	21.16 -0.88 0.00	25.37 -1.03 0.00	34.47 -1.18 0.00	37.27 -1.51 0.00	35.20 -1.58 0.00	30.78 -1.55 0.00	20.27 -1.52 8.61	3.68 -1.47 23.62	1.43 -1.45 25.56	0.33 -1.46 26.93	0.28 -1.49 28.01	0.06 -1.56 29.08	0.00 -1.87 35.52	0.64 -1.95 34.81	0.00 -2.31 42.09	0.01 -1.89 34.41	1.27 -1.80 31.48	1.51 -1.68 28.41	0.60 -1.53 26.71	0.75 -1.41 23.98
MAPLE_RIDGE_WT_2 323611	26.17 -0.67 0.00	21.90 -0.61 0.00	20.81 -0.71 0.00	20.62 -0.68 0.00	21.16 -0.88 0.00	25.37 -1.03 0.00	34.47 -1.18 0.00	37.27 -1.51 0.00	35.20 -1.58 0.00	30.78 -1.55 0.00	20.27 -1.52 8.61	3.68 -1.47 23.62	1.43 -1.45 25.56	0.33 -1.46 26.93	0.28 -1.49 28.01	0.06 -1.56 29.08	0.00 -1.87 35.52	0.64 -1.95 34.81	0.00 -2.31 42.09	0.01 -1.89 34.41	1.27 -1.80 31.48	1.51 -1.68 28.41	0.60 -1.53 26.71	0.75 -1.41 23.98
MARBLE_RIVER_WT_PWR 323696	26.22 -0.70 -0.07	22.03 -0.63 -0.15	20.71 -0.97 -0.16	20.58 -0.87 -0.16	20.86 -1.35 -0.16	24.99 -1.53 -0.11	34.11 -1.57 -0.04	36.62 -2.29 -0.12	34.26 -2.65 -0.13	29.72 -2.72 -0.11	19.95 -2.77 7.68	4.76 -2.65 21.37	2.63 -2.67 23.14	1.54 -2.79 24.40	1.45 -2.95 25.38	1.40 -3.07 26.23	1.22 -4.00 32.17	2.72 -4.04 30.64	2.00 -4.93 37.47	1.76 -3.92 30.63	2.80 -3.73 28.02	2.89 -3.41 25.29	1.86 -3.20 23.78	1.90 -2.90 21.35
MARSHVLE_115KV_TB1 80742	32.93 0.94 -5.15	33.94 0.81 -10.62	33.51 0.80 -11.19	33.29 0.79 -11.20	34.23 0.90 -11.29	35.42 1.16 -7.86	39.97 1.82 -2.51	49.11 2.17 -8.15	47.52 1.99 -8.75	41.28 1.45 -7.50	42.13 1.25 -10.49	38.30 0.95 -8.58	37.64 0.74 -8.47	37.25 0.86 -7.67	38.07 0.98 -7.31	48.18 1.29 -16.19	49.80 1.61 -10.80	63.44 1.80 -24.25	47.48 2.09 -0.99	42.12 1.56 -4.25	39.22 1.49 -3.18	36.22 1.45 -3.18	35.69 1.10 -5.75	34.47 0.92 -7.41
MARSH_HILL_WT_PWR 323713	26.35 -1.31 -0.82	23.08 -1.12 -1.70	22.25 -1.05 -1.79	22.02 -1.06 -1.79	22.76 -1.08 -1.80	26.22 -1.35 -1.16	34.16 -1.86 -0.37	38.14 -1.86 -1.21	36.06 -2.02 -1.30	31.51 -1.94 -1.11	30.10 -1.86 -1.56	28.21 -1.84 -1.28	27.85 -1.85 -1.25	27.99 -1.87 -1.14	28.77 -2.08 -1.08	30.92 -2.18 -2.40	36.33 -2.65 -1.60	38.44 -3.64 -3.59	40.76 -3.64 0.00	33.82 -2.91 -0.41	32.19 -2.77 -0.41	29.49 -2.50 -0.40	27.25 -2.31 -0.72	25.23 -1.91 -0.99
MCINTYRE_115KV_TB2 80467	26.65 -0.30 -0.10	22.50 -0.23 -0.21	21.23 -0.52 -0.22	21.09 -0.43 -0.22	21.38 -0.88 -0.22	25.69 -0.87 -0.16	35.16 -0.53 -0.05	37.82 -1.12 -0.16	35.38 -1.58 -0.18	30.54 -1.94 -0.15	22.45 -1.91 6.03	9.97 -1.84 16.96	8.28 -1.79 18.37	7.50 -1.84 19.38	7.70 -1.91 20.17	8.00 -1.93 20.77	9.48 -2.36 25.55	10.23 -2.28 24.88	10.98 -2.75 30.67	9.10 -2.18 25.03	9.65 -2.00 22.89	8.96 -1.99 20.64	7.47 -2.02 19.35	6.93 -1.88 17.33
MECO_____69_KV_BK1 80468	33.23 1.42 -4.97	33.94 1.19 -10.23	33.47 1.16 -10.78	33.27 1.17 -10.80	34.22 1.30 -10.88	35.64 1.66 -7.58	40.52 2.46 -2.42	49.44 2.79 -7.86	47.83 2.61 -8.44	41.53 1.97 -7.23	42.24 1.73 -10.11	38.51 1.47 -8.27	37.91 1.31 -8.16	37.47 1.35 -7.39	38.34 1.52 -7.05	48.16 1.84 -15.61	50.20 2.39 -10.42	63.39 2.62 -23.38	48.62 3.06 -1.15	42.97 2.36 -4.30	39.86 2.25 -3.06	36.68 2.02 -3.06	36.00 1.62 -5.55	34.67 1.39 -7.14
MENANDS___115KV_TB5 355628	32.08 0.70 -4.54	32.43 0.56 -9.35	31.92 0.54 -9.86	31.70 0.53 -9.87	32.54 0.55 -9.95	34.02 0.69 -6.93	38.78 0.93 -2.21	46.98 1.01 -7.19	45.53 1.03 -7.72	39.85 0.91 -6.61	40.49 0.85 -9.25	37.17 0.83 -7.56	36.73 0.82 -7.47	36.29 0.80 -6.76	37.08 0.86 -6.45	45.84 0.86 -14.28	48.00 1.08 -9.53	59.87 1.08 -21.39	47.24 1.20 -1.64	41.78 0.94 -4.53	38.27 0.93 -2.78	35.21 0.82 -2.80	34.61 0.69 -5.07	33.27 0.60 -6.52
MG INDUSTRY___DRP 24185	31.98 0.67 -4.47	32.28 0.56 -9.20	31.76 0.54 -9.70	31.56 0.55 -9.71	32.38 0.55 -9.79	33.88 0.66 -6.82	38.71 0.89 -2.18	46.83 0.97 -7.07	45.22 0.85 -7.59	39.51 0.68 -6.50	40.13 0.64 -9.10	36.79 0.58 -7.44	36.35 0.57 -7.34	36.01 0.63 -6.65	36.80 0.68 -6.34	45.49 0.74 -14.04	47.69 0.93 -9.37	59.41 0.97 -21.04	47.19 1.07 -1.72	41.74 0.87 -4.56	38.11 0.83 -2.73	35.10 0.76 -2.76	34.50 0.66 -4.99	33.14 0.58 -6.42

MID___OSWEGATCHIE_HYD 23849	26.32 -0.67 -0.14	22.27 -0.54 -0.30	21.15 -0.69 -0.31	20.97 -0.64 -0.31	21.45 -0.90 -0.31	25.70 -0.92 -0.22	34.90 -0.82 -0.07	37.89 -1.12 -0.23	35.71 -1.32 -0.25	31.06 -1.49 -0.21	25.29 -1.46 3.65	16.78 -1.41 10.58	15.57 -1.39 11.48	15.19 -1.41 12.13	15.69 -1.46 12.63	16.36 -1.47 12.88	19.69 -1.72 15.97	20.26 -1.80 15.35	22.85 -2.18 19.38	18.79 -1.74 15.77	18.51 -1.62 14.42	16.96 -1.64 12.99	15.00 -1.70 12.14	13.72 -1.60 10.84
MID___RAQUETTE_HYD 23851	26.39 -0.56 -0.11	22.26 -0.47 -0.23	21.01 -0.75 -0.24	20.90 -0.64 -0.24	21.22 -1.06 -0.24	25.44 -1.14 -0.17	34.81 -0.89 -0.05	37.45 -1.51 -0.17	35.10 -1.88 -0.19	30.46 -2.04 -0.16	22.80 -1.98 5.62	11.08 -1.84 15.86	9.44 -1.82 17.18	8.73 -1.87 18.13	8.98 -1.94 18.86	9.31 -2.00 19.41	11.03 -2.47 23.89	11.44 -2.73 23.23	12.31 -3.37 28.72	10.19 -2.69 23.43	10.64 -2.49 21.43	9.87 -2.40 19.32	8.40 -2.34 18.11	7.79 -2.14 16.21
MILLIKEN___1 23584	27.84 0.19 -0.81	24.33 0.16 -1.66	23.44 0.17 -1.75	23.22 0.17 -1.75	24.05 0.24 -1.76	27.94 0.32 -1.22	36.46 0.43 -0.39	40.75 0.70 -1.27	38.78 0.63 -1.37	34.02 0.52 -1.17	32.49 0.46 -1.64	30.52 0.40 -1.34	30.10 0.34 -1.31	30.29 0.37 -1.19	31.30 0.39 -1.14	33.71 0.49 -2.51	39.74 0.67 -1.68	41.95 0.79 -3.76	45.11 0.71 0.00	37.25 0.51 -0.44	35.43 0.45 -0.43	32.46 0.38 -0.49	29.97 0.23 -0.89	27.51 0.21 -1.16
MILLIKEN___2 23585	27.84 0.19 -0.81	24.33 0.16 -1.66	23.44 0.17 -1.75	23.22 0.17 -1.75	24.05 0.24 -1.76	27.94 0.32 -1.22	36.46 0.43 -0.39	40.75 0.70 -1.27	38.78 0.63 -1.37	34.02 0.52 -1.17	32.49 0.46 -1.64	30.52 0.40 -1.34	30.10 0.34 -1.31	30.29 0.37 -1.19	31.30 0.39 -1.14	33.71 0.49 -2.51	39.74 0.67 -1.68	41.95 0.79 -3.76	45.11 0.71 0.00	37.25 0.51 -0.44	35.43 0.45 -0.43	32.46 0.38 -0.49	29.97 0.23 -0.89	27.51 0.21 -1.16
MILLIKEN___DIESEL 23629	27.84 0.19 -0.81	24.33 0.16 -1.66	23.44 0.17 -1.75	23.22 0.17 -1.75	24.05 0.24 -1.76	27.94 0.32 -1.22	36.46 0.43 -0.39	40.75 0.70 -1.27	38.78 0.63 -1.37	34.02 0.52 -1.17	32.49 0.46 -1.64	30.52 0.40 -1.34	30.10 0.34 -1.31	30.29 0.37 -1.19	31.30 0.39 -1.14	33.71 0.49 -2.51	39.74 0.67 -1.68	41.95 0.79 -3.76	45.11 0.71 0.00	37.25 0.51 -0.44	35.43 0.45 -0.43	32.46 0.38 -0.49	29.97 0.23 -0.89	27.51 0.21 -1.16
MILLSEAT___LFGE 323607	25.93 -1.48 -0.56	22.41 -1.26 -1.16	21.56 -1.18 -1.22	21.39 -1.13 -1.22	22.06 -1.21 -1.23	25.70 -1.45 -0.74	33.64 -2.24 -0.24	36.84 -2.72 -0.78	34.93 -2.68 -0.83	30.81 -2.23 -0.71	29.29 -2.10 -1.00	27.66 -1.93 -0.82	27.31 -1.93 -0.80	27.53 -1.92 -0.73	28.47 -1.99 -0.69	30.12 -2.12 -1.53	35.83 -2.58 -1.02	36.99 -2.69 -2.29	40.62 -3.77 0.00	33.41 -3.16 -0.26	31.90 -2.90 -0.26	29.31 -2.53 -0.25	27.25 -2.05 -0.45	25.36 -1.46 -0.67
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.43 1.58 -4.00	32.04 1.28 -8.24	31.41 1.21 -8.69	31.15 1.15 -8.70	32.02 1.21 -8.77	34.04 1.53 -6.10	39.95 2.35 -1.95	47.67 2.56 -6.33	46.12 2.54 -6.79	40.44 2.30 -5.82	40.69 2.16 -8.14	37.51 2.07 -6.66	37.09 2.08 -6.57	36.77 2.10 -5.95	37.59 2.14 -5.68	45.49 2.21 -12.57	48.43 2.65 -8.39	58.88 2.66 -18.82	52.46 2.89 -5.17	46.48 2.43 -7.74	39.18 2.31 -2.32	36.14 2.08 -2.47	35.10 1.79 -4.47	33.39 1.49 -5.75
MILLWOOD_13_KV_LOAD 356217	32.48 1.64 -4.00	32.06 1.31 -8.24	31.46 1.25 -8.69	31.19 1.19 -8.70	32.06 1.26 -8.77	34.09 1.58 -6.10	40.02 2.42 -1.95	47.75 2.64 -6.33	46.23 2.65 -6.79	40.51 2.36 -5.82	40.79 2.25 -8.14	37.56 2.13 -6.66	37.14 2.13 -6.57	36.83 2.15 -5.95	37.68 2.23 -5.68	45.55 2.27 -12.57	48.50 2.73 -8.39	58.95 2.55 -18.82	52.55 2.97 -5.17	46.55 2.51 -7.74	39.25 2.38 -2.32	36.21 2.15 -2.47	35.16 1.85 -4.47	33.44 1.54 -5.75
MODEL_CITY_ENERGY 24167	25.21 -2.23 -0.59	21.86 -1.87 -1.22	21.04 -1.76 -1.29	20.84 -1.75 -1.29	21.49 -1.85 -1.30	24.84 -2.30 -0.74	32.46 -3.42 -0.24	35.40 -4.15 -0.77	33.52 -4.08 -0.82	29.67 -3.36 -0.70	28.22 -3.16 -0.98	26.65 -2.94 -0.81	26.33 -2.90 -0.79	26.51 -2.93 -0.72	27.36 -3.10 -0.68	28.93 -3.29 -1.51	34.32 -4.07 -1.01	35.43 -4.23 -2.26	38.67 -5.73 0.01	31.88 -4.68 -0.25	30.48 -4.32 -0.25	28.14 -3.70 -0.25	26.29 -3.00 -0.45	24.64 -2.22 -0.71
MODERN_LFGE___ 323580	25.21 -2.23 -0.59	21.86 -1.87 -1.22	21.04 -1.76 -1.29	20.84 -1.75 -1.29	21.49 -1.85 -1.30	24.84 -2.30 -0.74	32.46 -3.42 -0.24	35.40 -4.15 -0.77	33.52 -4.08 -0.82	29.67 -3.36 -0.70	28.22 -3.16 -0.98	26.65 -2.94 -0.81	26.33 -2.90 -0.79	26.51 -2.93 -0.72	27.36 -3.10 -0.68	28.93 -3.29 -1.51	34.32 -4.07 -1.01	35.43 -4.23 -2.26	38.67 -5.73 0.01	31.88 -4.68 -0.25	30.48 -4.32 -0.25	28.14 -3.70 -0.25	26.29 -3.00 -0.45	24.64 -2.22 -0.71
MOHAWK_PAPER___DRP 24187	32.19 0.81 -4.55	32.55 0.68 -9.37	32.02 0.62 -9.87	31.82 0.64 -9.89	32.64 0.64 -9.96	34.16 0.82 -6.94	39.00 1.14 -2.22	47.27 1.28 -7.20	45.80 1.29 -7.73	40.08 1.13 -6.62	40.72 1.06 -9.26	37.36 1.01 -7.58	36.88 0.97 -7.48	36.44 0.95 -6.77	37.21 0.98 -6.46	46.02 1.01 -14.30	48.20 1.27 -9.54	60.08 1.27 -21.41	47.45 1.42 -1.63	42.00 1.16 -4.53	38.45 1.11 -2.79	35.37 0.98 -2.81	34.73 0.81 -5.08	33.42 0.73 -6.53
MOHICAN___35_KV_115KV_LD 80490	32.65 1.18 -4.63	33.04 0.99 -9.54	32.50 0.93 -10.06	32.31 0.94 -10.07	33.22 1.04 -10.15	34.77 1.29 -7.07	39.83 1.92 -2.26	48.33 2.21 -7.33	46.83 2.17 -7.87	40.85 1.78 -6.74	41.50 1.67 -9.43	38.10 1.61 -7.72	37.59 1.54 -7.61	37.09 1.46 -6.90	37.69 1.34 -6.58	46.62 1.35 -14.56	48.86 1.76 -9.72	61.04 1.83 -21.81	48.03 2.13 -1.50	42.36 1.60 -4.45	38.99 1.59 -2.85	35.77 1.33 -2.86	35.26 1.24 -5.17	34.37 1.57 -6.66
MONGAUP___HYD 23641	32.15 1.50 -3.81	31.57 1.21 -7.84	30.93 1.14 -8.26	30.68 1.11 -8.28	31.57 1.19 -8.34	33.69 1.48 -5.80	39.78 2.28 -1.85	47.29 2.48 -6.02	45.64 2.39 -6.46	39.87 2.01 -5.54	39.96 1.82 -7.75	36.81 1.70 -6.34	36.37 1.68 -6.25	36.08 1.69 -5.66	36.99 1.82 -5.40	44.63 1.97 -11.95	47.87 2.51 -7.98	57.88 2.58 -17.91	31.60 2.88 15.68	24.43 2.33 14.21	38.86 2.18 -2.13	35.45 1.83 -2.03	34.14 1.61 -3.68	32.22 1.33 -4.74
MONTAUK___DIESEL 23721	33.35 2.50 -4.01	32.60 1.82 -8.27	32.15 1.92 -8.71	31.41 1.38 -8.73	32.17 1.34 -8.79	34.77 2.24 -6.12	41.51 3.78 -2.08	48.27 3.14 -6.35	46.73 3.13 -6.81	42.84 3.04 -7.47	40.09 1.52 -8.18	37.69 1.70 -7.22	36.72 1.68 -6.60	36.37 1.67 -5.98	43.89 2.59 -11.53	45.58 2.27 -12.60	48.41 2.62 -8.41	59.24 2.95 -18.89	52.46 3.15 -4.91	46.56 2.76 -7.49	44.85 2.63 -7.67	42.96 2.50 -8.88	35.23 1.90 -4.48	33.54 1.62 -5.77
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.34 -2.17 -0.67	22.05 -1.85 -1.39	21.24 -1.74 -1.46	20.95 -1.81 -1.46	21.51 -2.01 -1.47	24.70 -2.56 -0.86	32.25 -3.67 -0.28	35.56 -4.11 -0.89	33.73 -4.01 -0.96	29.60 -3.56 -0.82	28.26 -3.28 -1.15	26.55 -3.17 -0.94	26.15 -3.21 -0.92	26.37 -3.19 -0.84	27.27 -3.30 -0.80	29.03 -3.44 -1.76	34.45 -4.11 -1.18	36.11 -3.93 -2.64	39.42 -4.97 0.01	32.43 -4.18 -0.30	30.90 -3.94 -0.29	28.28 -3.66 -0.36	26.34 -3.14 -0.64	24.42 -2.69 -0.96

MORRIS_RIDGE___SOLAR 323848	26.03 -1.61 -0.79	22.82 -1.33 -1.63	22.00 -1.25 -1.72	21.75 -1.28 -1.73	22.43 -1.35 -1.74	25.81 -1.69 -1.09	33.61 -2.39 -0.35	37.36 -2.56 -1.14	35.43 -2.58 -1.22	31.08 -2.29 -1.05	29.67 -2.19 -1.46	27.84 -2.13 -1.20	27.51 -2.10 -1.18	27.67 -2.13 -1.07	28.56 -2.23 -1.02	30.65 -2.30 -2.25	36.08 -2.80 -1.50	38.07 -2.69 -3.36	40.67 -3.73 0.00	33.64 -3.05 -0.39	32.03 -2.90 -0.38	29.37 -2.59 -0.37	27.23 -2.28 -0.67	25.22 -1.88 -0.96
MORTIMER_115KV_TB3 55949	26.39 -0.94 -0.49	22.70 -0.81 -1.00	21.83 -0.75 -1.06	21.65 -0.70 -1.06	22.38 -0.73 -1.07	26.31 -0.84 -0.75	34.42 -1.46 -0.24	37.78 -1.78 -0.78	35.79 -1.84 -0.84	31.63 -1.42 -0.72	30.07 -1.34 -1.01	28.39 -1.21 -0.83	28.06 -1.19 -0.81	28.25 -1.21 -0.74	29.22 -1.25 -0.70	30.91 -1.35 -1.55	36.78 -1.64 -1.04	37.96 -1.76 -2.33	41.87 -2.53 0.00	34.36 -2.21 -0.27	32.78 -2.04 -0.26	30.12 -1.77 -0.30	28.07 -1.33 -0.55	25.93 -0.92 -0.70
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.65 1.80 -4.01	32.22 1.44 -8.27	31.59 1.36 -8.71	31.32 1.30 -8.73	32.17 1.34 -8.79	34.21 1.69 -6.12	40.17 2.57 -1.95	47.93 2.79 -6.35	46.39 2.80 -6.81	40.69 2.52 -5.84	40.96 2.40 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.74 2.43 -12.60	48.75 2.95 -8.41	59.12 2.84 -18.88	52.47 3.15 -4.91	46.48 2.69 -7.49	39.40 2.52 -2.33	36.40 2.34 -2.48	35.34 2.02 -4.48	33.62 1.70 -5.77
MUNSVILLE_WIND_PWR 323609	29.52 1.42 -1.26	26.36 1.26 -2.59	25.52 1.27 -2.73	25.20 1.17 -2.73	26.07 1.28 -2.75	30.02 1.72 -1.90	38.68 2.43 -0.61	44.02 3.26 -1.98	42.03 3.12 -2.12	36.70 2.55 -1.82	35.37 2.43 -2.54	33.07 2.22 -2.08	32.50 2.02 -2.05	32.59 2.01 -1.85	33.69 2.14 -1.77	36.92 2.30 -3.91	43.06 3.07 -2.61	46.51 3.25 -5.86	47.27 3.51 0.64	39.19 2.87 -0.02	37.95 2.73 -0.67	34.48 2.24 -0.65	31.68 1.67 -1.17	29.13 1.46 -1.52
N SALMON___HYD 24042	27.06 0.11 -0.11	22.83 0.09 -0.23	21.48 -0.28 -0.24	21.43 -0.11 -0.24	21.71 -0.57 -0.24	26.10 -0.47 -0.17	36.06 0.36 -0.05	38.69 -0.27 -0.18	36.20 -0.77 -0.19	31.43 -1.07 -0.16	23.80 -0.97 5.62	12.11 -0.81 15.86	10.47 -0.80 17.18	9.74 -0.86 18.13	9.96 -0.95 18.86	10.35 -0.95 19.41	12.56 -0.93 23.89	5.62 -3.33 28.45	5.24 -4.13 35.03	4.41 -3.30 28.60	5.28 -3.11 26.16	5.08 -2.91 23.60	3.88 -2.80 22.16	3.71 -2.56 19.87
N.AKRON__115KV_KNAPP 355671	25.93 -1.48 -0.57	22.42 -1.26 -1.17	21.55 -1.21 -1.23	21.38 -1.15 -1.23	22.07 -1.21 -1.24	25.72 -1.43 -0.74	33.60 -2.28 -0.24	36.84 -2.71 -0.77	34.89 -2.72 -0.83	30.81 -2.23 -0.71	29.29 -2.10 -1.00	27.63 -1.96 -0.81	27.28 -1.96 -0.80	27.50 -1.95 -0.73	28.44 -2.02 -0.69	30.09 -2.15 -1.53	35.79 -2.62 -1.02	36.95 -2.73 -2.29	40.71 -3.69 0.00	33.34 -3.23 -0.26	31.84 -2.97 -0.26	29.28 -2.62 -0.31	27.35 -2.05 -0.56	25.50 -1.46 -0.81
N.BELMOR_69_KV_BK1 55787	32.71 1.85 -4.01	32.15 1.37 -8.27	31.55 1.31 -8.71	31.11 1.09 -8.73	32.00 1.17 -8.79	34.29 1.77 -6.12	40.78 3.07 -2.07	48.04 2.91 -6.35	46.62 3.02 -6.81	43.15 2.81 -8.01	41.13 2.55 -8.18	38.65 2.45 -7.43	37.52 2.47 -6.60	37.21 2.50 -5.98	45.84 2.62 -13.45	45.92 2.61 -12.60	48.75 2.95 -8.41	59.28 2.99 -18.89	52.73 3.42 -4.91	46.70 2.90 -7.49	46.82 2.83 -9.43	45.23 2.65 -10.98	35.60 2.28 -4.48	33.67 1.75 -5.77
N.E_GEN_SANDY PD 24062	32.42 1.29 -4.28	32.40 1.06 -8.83	31.80 0.97 -9.31	31.58 0.96 -9.32	32.40 0.97 -9.39	34.98 1.24 -7.33	46.26 1.89 -8.73	51.86 2.05 -11.02	43.91 1.99 -5.14	43.19 1.81 -9.05	49.68 1.70 -17.59	48.66 1.61 -18.28	44.16 1.62 -14.10	36.71 1.61 -6.38	39.82 1.67 -8.38	50.76 1.69 -18.37	53.26 2.05 -13.82	62.77 2.06 -23.32	52.61 2.35 -5.86	49.04 1.89 -10.85	45.34 1.76 -9.03	39.67 1.58 -6.50	34.68 1.38 -4.45	33.10 1.23 -5.73
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.34 1.56 -3.94	31.87 1.24 -8.12	31.27 1.18 -8.56	31.02 1.15 -8.57	31.87 1.19 -8.64	33.92 1.51 -6.01	39.92 2.35 -1.92	47.62 2.60 -6.24	46.02 2.54 -6.70	40.33 2.26 -5.74	40.55 2.13 -8.03	37.38 2.04 -6.56	36.96 2.05 -6.48	36.66 2.07 -5.87	37.51 2.14 -5.59	45.30 2.21 -12.39	48.31 2.65 -8.27	58.60 2.66 -18.55	53.80 2.89 -6.51	47.79 2.40 -9.09	39.09 2.28 -2.26	36.07 2.05 -2.43	35.00 1.76 -4.40	33.28 1.46 -5.67
N.QUEENS_27_KV_LOAD 356247	32.90 2.04 -4.02	32.44 1.67 -8.27	31.74 1.51 -8.71	31.47 1.45 -8.73	32.33 1.50 -8.79	34.29 1.77 -6.12	39.92 2.32 -1.95	47.58 2.44 -6.35	46.14 2.54 -6.81	40.49 2.33 -5.84	40.81 2.25 -8.17	37.67 2.22 -6.68	37.28 2.25 -6.59	37.02 2.33 -5.97	37.73 2.26 -5.69	45.61 2.30 -12.60	48.56 2.77 -8.41	58.86 2.58 -18.88	52.20 2.89 -4.91	46.34 2.54 -7.49	39.26 2.38 -2.33	36.37 2.31 -2.47	35.40 2.08 -4.48	33.75 1.83 -5.77
N.TROY___115KV_TB1 355778	32.46 1.05 -4.57	32.80 0.88 -9.41	32.23 0.80 -9.92	32.04 0.81 -9.93	32.88 0.84 -10.01	34.43 1.06 -6.97	39.40 1.53 -2.23	47.72 1.71 -7.23	46.24 1.69 -7.76	40.46 1.49 -6.65	41.09 1.40 -9.30	37.71 1.32 -7.61	37.25 1.31 -7.51	36.79 1.26 -6.80	37.54 1.28 -6.48	46.35 1.29 -14.36	48.61 1.64 -9.58	60.55 1.65 -21.50	47.90 1.86 -1.63	42.34 1.49 -4.54	38.77 1.42 -2.80	35.67 1.26 -2.82	35.04 1.10 -5.10	33.73 1.02 -6.56
NARROWS_GT1_1 24228	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT1_2 24229	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT1_3 24230	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT1_4 24231	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19

NARROWS_GT1_5 24232	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT1_6 24233	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT1_7 24234	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT1_8 24235	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT2_1 24236	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT2_2 24237	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT2_3 24238	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT2_4 24239	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT2_5 24240	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT2_6 24241	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT2_7 24242	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NARROWS_GT2_8 24243	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.20 2.60 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.86 3.07 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.44 2.56 -2.33	36.15 2.34 -2.23	35.01 2.13 -4.03	33.20 1.86 -5.19
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.83 0.62 -4.37	32.00 0.50 -9.00	31.48 0.47 -9.48	31.29 0.49 -9.50	32.14 0.53 -9.57	33.73 0.66 -6.66	38.77 1.00 -2.13	46.82 1.12 -6.91	45.09 0.88 -7.42	39.23 0.55 -6.35	39.68 0.40 -8.89	36.36 0.32 -7.27	35.87 0.26 -7.18	35.63 0.40 -6.50	36.48 0.51 -6.20	45.08 0.64 -13.72	47.52 0.97 -9.16	59.08 1.12 -20.56	48.13 1.69 -2.04	42.17 1.05 -4.81	38.23 1.04 -2.64	35.07 0.79 -2.70	34.36 0.63 -4.88	32.95 0.52 -6.28
NCHELSEA_115KV_TR2 355582	32.50 1.64 -4.01	32.11 1.33 -8.27	31.49 1.25 -8.72	31.24 1.21 -8.73	32.11 1.28 -8.80	34.11 1.58 -6.12	40.02 2.42 -1.95	47.81 2.68 -6.35	46.29 2.69 -6.82	40.53 2.36 -5.84	40.75 2.19 -8.17	37.53 2.07 -6.68	37.08 2.05 -6.60	36.77 2.07 -5.97	37.61 2.14 -5.70	45.56 2.24 -12.61	48.57 2.77 -8.42	59.02 2.73 -18.89	52.07 3.06 -4.60	46.02 2.54 -7.17	39.30 2.42 -2.33	36.18 2.12 -2.48	35.17 1.85 -4.48	33.46 1.54 -5.77
NEG CAPITAL___MECHNVIL 23645	32.71 1.26 -4.61	33.07 1.06 -9.50	32.52 0.99 -10.01	32.30 0.98 -10.02	33.17 1.04 -10.10	34.73 1.29 -7.03	39.82 1.92 -2.25	48.22 2.13 -7.30	46.71 2.10 -7.83	40.82 1.78 -6.71	41.45 1.67 -9.39	38.03 1.58 -7.68	37.55 1.53 -7.58	37.08 1.49 -6.86	37.84 1.52 -6.54	46.76 1.57 -14.49	49.04 1.98 -9.67	61.16 2.06 -21.70	48.34 2.40 -1.54	42.64 1.85 -4.48	39.15 1.76 -2.84	35.82 1.52 -2.71	35.08 1.33 -4.91	33.77 1.31 -6.31

NEG CENTRAL_HIGH_ACRES 23767	26.06 -1.26 -0.47	22.41 -1.08 -0.98	21.54 -1.01 -1.03	21.37 -0.96 -1.03	22.11 -0.97 -1.04	26.03 -1.11 -0.74	34.10 -1.78 -0.24	37.50 -2.06 -0.77	35.62 -1.99 -0.83	31.42 -1.62 -0.71	29.87 -1.52 -0.99	28.20 -1.38 -0.81	27.87 -1.36 -0.79	28.07 -1.38 -0.72	29.03 -1.43 -0.69	30.72 -1.50 -1.52	36.61 -1.79 -1.01	37.77 -1.91 -2.28	41.61 -2.80 0.00	34.25 -2.32 -0.26	32.67 -2.14 -0.26	29.97 -1.86 -0.25	27.73 -1.56 -0.45	25.54 -1.18 -0.56
NEG CENTRAL___DRP 24199	26.94 -0.43 -0.53	23.21 -0.38 -1.08	22.32 -0.34 -1.14	22.12 -0.32 -1.15	22.93 -0.26 -1.15	26.91 -0.29 -0.80	35.47 -0.43 -0.26	39.30 -0.31 -0.83	37.32 -0.37 -0.90	32.78 -0.32 -0.77	31.17 -0.30 -1.08	29.31 -0.35 -0.88	28.93 -0.37 -0.86	29.16 -0.34 -0.78	30.13 -0.39 -0.74	32.04 -0.31 -1.64	38.15 -0.34 -1.10	39.60 -0.26 -2.46	43.83 -0.58 0.00	36.01 -0.58 -0.28	34.21 -0.62 -0.28	31.34 -0.57 -0.32	28.88 -0.55 -0.59	26.49 -0.42 -0.76
NEG CENTRAL___INDECK 23768	27.02 -0.51 -0.69	23.46 -0.47 -1.42	22.59 -0.43 -1.50	22.42 -0.38 -1.50	23.18 -0.37 -1.51	27.04 -0.37 -1.00	35.25 -0.71 -0.32	39.05 -0.78 -1.04	36.95 -0.96 -1.12	32.35 -0.94 -0.96	30.79 -0.94 -1.34	28.89 -0.98 -1.10	28.52 -1.00 -1.08	28.70 -1.01 -0.98	29.69 -1.01 -0.93	31.82 -0.95 -2.06	37.83 -0.93 -1.38	39.70 -0.79 -3.09	43.02 -1.38 0.00	35.50 -1.16 -0.36	33.83 -1.07 -0.35	30.92 -1.01 -0.34	28.59 -0.86 -0.61	26.38 -0.60 -0.83
NEG CENTRAL___SENECA 23627	26.86 -0.56 -0.58	23.22 -0.50 -1.20	22.36 -0.43 -1.27	22.14 -0.43 -1.27	22.94 -0.37 -1.28	26.86 -0.42 -0.88	35.32 -0.61 -0.28	39.27 -0.43 -0.91	37.26 -0.51 -0.99	32.69 -0.48 -0.85	31.09 -0.49 -1.18	29.22 -0.52 -0.97	28.85 -0.54 -0.95	29.07 -0.52 -0.86	30.03 -0.57 -0.82	32.03 -0.49 -1.82	38.07 -0.52 -1.21	39.70 -0.41 -2.72	43.60 -0.80 0.00	35.79 -0.84 -0.31	34.03 -0.83 -0.31	31.16 -0.79 -0.36	28.74 -0.75 -0.65	26.41 -0.58 -0.84
NEG CENTRAL___STATE_STREET 24147	27.22 -0.13 -0.51	23.43 -0.14 -1.06	22.51 -0.13 -1.11	22.31 -0.11 -1.12	23.12 -0.04 -1.12	27.16 -0.03 -0.78	35.82 -0.07 -0.25	39.71 0.12 -0.81	37.74 0.07 -0.88	33.15 0.06 -0.76	31.51 0.06 -1.06	29.67 0.03 -0.87	29.28 0.00 -0.84	29.49 0.00 -0.76	30.50 0.00 -0.73	32.38 0.06 -1.61	38.57 0.11 -1.08	40.00 0.19 -2.42	44.40 0.00 0.00	36.51 -0.07 -0.28	34.72 -0.10 -0.28	31.81 -0.09 -0.32	29.27 -0.14 -0.57	26.78 -0.10 -0.74
NEG MILLWOOD___DRP 24198	32.62 1.74 -4.03	32.21 1.40 -8.31	31.61 1.33 -8.76	31.37 1.30 -8.77	32.22 1.34 -8.83	34.24 1.69 -6.15	40.14 2.53 -1.96	47.96 2.79 -6.38	46.47 2.83 -6.85	40.69 2.49 -5.87	41.00 2.40 -8.21	37.73 2.24 -6.71	37.28 2.22 -6.62	36.94 2.21 -6.00	37.82 2.32 -5.72	45.74 2.36 -12.67	48.68 2.84 -8.45	59.25 2.88 -18.97	51.98 3.20 -4.38	45.91 2.65 -6.95	39.46 2.56 -2.35	36.29 2.21 -2.49	35.31 1.96 -4.50	33.59 1.65 -5.80
NEG NORTH_FLCN_SEA 23793	26.51 -0.40 -0.07	22.28 -0.38 -0.15	20.95 -0.73 -0.16	20.82 -0.64 -0.16	21.08 -1.12 -0.16	25.28 -1.24 -0.11	34.54 -1.14 -0.04	37.04 -1.86 -0.12	34.67 -2.24 -0.13	30.05 -2.39 -0.11	20.25 -2.46 7.68	5.07 -2.33 21.37	2.94 -2.36 23.14	1.86 -2.47 24.40	1.77 -2.62 25.38	1.74 -2.73 26.23	1.67 -3.55 32.17	2.37 -3.55 31.48	1.43 -4.48 38.48	1.33 -3.52 31.46	2.45 -3.32 28.78	2.60 -3.06 25.92	1.59 -2.91 24.33	1.72 -2.61 21.81
NEG NORTH_KES_CHATEGAY 23792	26.19 -0.72 -0.07	22.01 -0.65 -0.15	20.71 -0.97 -0.16	20.58 -0.87 -0.16	20.86 -1.34 -0.16	24.99 -1.53 -0.11	34.18 -1.50 -0.04	36.65 -2.25 -0.12	34.34 -2.57 -0.13	29.76 -2.68 -0.11	20.01 -2.71 7.68	4.81 -2.59 21.37	2.74 -2.56 23.14	1.66 -2.67 24.40	1.59 -2.80 25.38	1.56 -2.92 26.23	1.41 -3.81 32.17	1.96 -3.96 31.48	1.03 -4.88 38.48	1.00 -3.85 31.46	2.11 -3.66 28.78	2.29 -3.38 25.92	1.34 -3.17 24.33	1.46 -2.88 21.81
NEG NORTH___ALICE_FALLS 23915	26.54 -0.38 -0.07	22.30 -0.36 -0.15	20.97 -0.71 -0.16	20.86 -0.60 -0.16	21.12 -1.08 -0.16	25.30 -1.21 -0.11	34.65 -1.03 -0.04	37.16 -1.75 -0.12	34.78 -2.13 -0.13	30.11 -2.33 -0.11	20.34 -2.37 7.68	5.16 -2.24 21.37	3.06 -2.25 23.14	1.94 -2.38 24.40	1.89 -2.50 25.38	1.86 -2.61 26.23	1.86 -3.36 32.17	2.56 -3.37 31.48	1.70 -4.22 38.48	1.47 -3.38 31.46	2.63 -3.14 28.78	2.76 -2.91 25.92	1.68 -2.83 24.33	1.80 -2.54 21.81
NEG NORTH___LWR_SARANAC 23913	26.54 -0.38 -0.07	22.30 -0.36 -0.15	20.97 -0.71 -0.16	20.86 -0.60 -0.16	21.12 -1.08 -0.16	25.30 -1.21 -0.11	34.65 -1.03 -0.04	37.16 -1.74 -0.12	34.78 -2.17 -0.13	30.11 -2.33 -0.11	20.34 -2.37 7.68	5.16 -2.24 21.37	3.06 -2.25 23.14	1.94 -2.38 24.40	1.89 -2.50 25.38	1.86 -2.61 26.23	1.86 -3.36 32.17	2.56 -3.37 31.48	1.70 -4.22 38.48	1.47 -3.38 31.46	2.63 -3.14 28.78	2.76 -2.91 25.92	1.68 -2.83 24.33	1.80 -2.54 21.81
NEG NORTH___PLATTSBURG 23628	26.54 -0.38 -0.07	22.30 -0.36 -0.15	20.97 -0.71 -0.16	20.86 -0.60 -0.16	21.12 -1.08 -0.16	25.30 -1.21 -0.11	34.65 -1.03 -0.04	37.16 -1.74 -0.12	34.74 -2.17 -0.13	30.11 -2.33 -0.11	20.34 -2.37 7.68	5.16 -2.24 21.37	3.06 -2.25 23.14	1.94 -2.38 24.40	1.89 -2.50 25.38	1.86 -2.61 26.23	1.86 -3.36 32.17	3.55 -3.37 30.48	2.90 -4.22 37.28	2.46 -3.38 30.48	3.53 -3.14 27.88	3.52 -2.91 25.16	2.36 -2.83 23.66	2.37 -2.54 21.24
NEG WEST_LEA_LOCKPORT 23791	25.52 -1.91 -0.58	22.12 -1.60 -1.20	21.28 -1.51 -1.27	21.08 -1.49 -1.27	21.73 -1.59 -1.28	25.22 -1.93 -0.74	32.93 -2.96 -0.24	36.02 -3.53 -0.77	34.08 -3.53 -0.83	30.13 -2.91 -0.71	28.65 -2.74 -0.99	27.05 -2.53 -0.81	26.71 -2.53 -0.80	26.92 -2.53 -0.72	27.81 -2.65 -0.69	29.37 -2.86 -1.52	34.89 -3.51 -1.02	36.05 -3.63 -2.28	39.56 -4.84 0.00	32.43 -4.14 -0.26	31.00 -3.80 -0.25	28.58 -3.32 -0.31	26.78 -2.62 -0.56	25.05 -1.93 -0.84
NEG WEST___LANCASTER 23811	24.81 -2.71 -0.68	21.65 -2.25 -1.39	20.88 -2.11 -1.47	20.66 -2.11 -1.47	21.31 -2.20 -1.48	24.57 -2.69 -0.86	32.57 -3.35 -0.28	36.58 -3.10 -0.89	34.80 -2.94 -0.96	30.38 -2.78 -0.83	28.96 -2.58 -1.15	27.19 -2.53 -0.94	26.87 -2.50 -0.93	27.07 -2.50 -0.84	28.02 -2.56 -0.80	30.02 -2.46 -1.77	35.62 -2.95 -1.18	37.43 -2.62 -2.65	41.38 -3.02 0.01	33.81 -2.80 -0.30	32.12 -2.73 -0.30	29.11 -2.84 -0.36	26.67 -2.83 -0.65	24.40 -2.72 -0.97
NEG_PENN_ALLEGHNY 23528	28.21 0.05 -1.31	25.26 0.05 -2.71	24.44 0.06 -2.85	24.22 0.06 -2.86	25.03 0.11 -2.88	28.48 0.11 -1.97	36.49 0.22 -0.63	41.27 0.43 -2.05	39.36 0.37 -2.20	34.51 0.29 -1.89	33.34 0.30 -2.64	31.19 0.26 -2.16	30.79 0.23 -2.13	30.88 0.23 -1.93	31.85 0.24 -1.84	35.08 0.31 -4.07	40.47 0.37 -2.71	43.94 0.45 -6.09	43.94 0.22 0.69	36.45 0.15 0.01	35.36 0.10 -0.70	32.33 0.06 -0.68	30.06 0.00 -1.22	27.74 0.00 -1.60
NEG___GEN_MONROE 24207	26.31 -1.02 -0.49	22.67 -0.86 -1.01	21.79 -0.80 -1.07	21.62 -0.75 -1.07	22.37 -0.75 -1.08	26.31 -0.84 -0.75	34.32 -1.57 -0.24	37.62 -1.94 -0.78	35.67 -1.95 -0.84	31.53 -1.52 -0.72	29.97 -1.43 -1.01	28.30 -1.29 -0.82	27.94 -1.31 -0.81	28.11 -1.35 -0.73	29.10 -1.37 -0.70	30.75 -1.50 -1.54	36.62 -1.79 -1.03	37.80 -1.91 -2.31	41.74 -2.66 0.00	34.21 -2.36 -0.27	32.67 -2.14 -0.26	30.03 -1.86 -0.30	28.01 -1.38 -0.55	25.91 -0.94 -0.71

NEPA__ENERGY 23901	25.56 -1.93 -0.65	22.22 -1.62 -1.33	21.38 -1.55 -1.41	21.13 -1.58 -1.41	21.78 -1.67 -1.42	25.13 -2.09 -0.81	32.91 -2.99 -0.26	36.25 -3.37 -0.84	34.38 -3.31 -0.90	30.26 -2.85 -0.78	28.83 -2.64 -1.08	27.16 -2.50 -0.89	26.81 -2.50 -0.87	27.02 -2.50 -0.79	27.91 -2.62 -0.75	29.64 -2.73 -1.66	35.13 -3.36 -1.11	36.56 -3.33 -2.49	40.05 -4.35 0.01	32.88 -3.70 -0.28	31.37 -3.46 -0.28	28.80 -3.13 -0.34	26.83 -2.62 -0.61	24.96 -2.12 -0.93
NEVERSink__HYD 23608	32.12 1.56 -3.72	31.44 1.26 -7.67	30.81 1.20 -8.08	30.54 1.15 -8.09	31.45 1.26 -8.15	33.61 1.53 -5.67	39.81 2.35 -1.81	47.27 2.60 -5.89	45.75 2.65 -6.32	40.01 2.26 -5.41	40.04 2.07 -7.57	36.90 1.93 -6.19	36.46 1.91 -6.11	36.19 1.92 -5.54	37.08 2.03 -5.28	44.54 2.15 -11.69	47.88 2.69 -7.80	57.60 2.69 -17.51	47.90 2.93 -0.57	41.33 2.36 -2.66	38.84 2.24 -2.04	35.44 1.90 -1.95	34.05 1.67 -3.53	32.06 1.36 -4.55
NEWKRMKL_115KV_TB1 55635	31.92 0.54 -4.54	32.27 0.41 -9.35	31.79 0.41 -9.85	31.57 0.40 -9.87	32.38 0.40 -9.94	33.86 0.53 -6.93	38.57 0.71 -2.21	46.79 0.81 -7.19	45.20 0.70 -7.72	39.52 0.58 -6.61	40.19 0.55 -9.25	36.86 0.52 -7.56	36.42 0.51 -7.46	36.12 0.63 -6.76	36.91 0.68 -6.45	45.66 0.68 -14.27	47.77 0.86 -9.53	59.64 0.86 -21.38	46.95 0.93 -1.62	41.54 0.73 -4.51	38.06 0.73 -2.78	35.02 0.63 -2.80	34.43 0.52 -5.07	33.09 0.42 -6.52
NEWTON__FALLS_HYD 23847	26.32 -0.67 -0.14	22.27 -0.54 -0.30	21.15 -0.69 -0.31	20.97 -0.64 -0.31	21.45 -0.90 -0.31	25.70 -0.92 -0.22	34.90 -0.82 -0.07	37.89 -1.12 -0.23	35.71 -1.32 -0.25	31.06 -1.49 -0.21	25.29 -1.46 3.65	16.78 -1.41 10.58	15.57 -1.39 11.48	15.19 -1.41 12.13	15.69 -1.46 12.63	16.36 -1.47 12.88	19.69 -1.72 15.97	20.26 -1.80 15.35	22.85 -2.18 19.38	18.79 -1.74 15.77	18.51 -1.62 14.42	16.96 -1.64 12.99	15.00 -1.70 12.14	13.72 -1.60 10.84
NGRID_A1_DSASP 323792	25.34 -2.09 -0.60	22.03 -1.71 -1.23	21.22 -1.59 -1.29	20.99 -1.60 -1.29	21.65 -1.70 -1.30	24.98 -2.14 -0.71	32.60 -3.28 -0.23	35.49 -4.03 -0.74	33.57 -3.26 -0.79	29.75 -3.07 -0.68	28.27 -3.07 -0.95	26.73 -2.82 -0.78	26.39 -2.82 -0.76	26.57 -2.84 -0.69	27.43 -3.01 -0.66	28.94 -3.22 -1.46	34.32 -4.04 -0.97	35.35 -4.23 -2.18	38.58 -5.82 0.01	31.83 -4.72 -0.24	30.51 -4.29 -0.24	28.23 -3.60 -0.24	26.42 -2.86 -0.43	24.77 -2.09 -0.71
NGRID_A2_DSASP 323793	25.34 -2.09 -0.60	22.03 -1.71 -1.23	21.22 -1.59 -1.29	20.99 -1.60 -1.29	21.65 -1.70 -1.30	24.98 -2.14 -0.71	32.60 -3.28 -0.23	35.49 -4.03 -0.74	33.57 -3.26 -0.79	29.75 -3.07 -0.68	28.27 -3.07 -0.95	26.73 -2.82 -0.78	26.39 -2.82 -0.76	26.57 -2.84 -0.69	27.43 -3.01 -0.66	28.94 -3.22 -1.46	34.32 -4.04 -0.97	35.35 -4.23 -2.18	38.58 -5.82 0.01	31.83 -4.72 -0.24	30.51 -4.29 -0.24	28.23 -3.60 -0.24	26.42 -2.86 -0.43	24.77 -2.09 -0.71
NGRID_A4_DSASP 323807	25.34 -2.09 -0.60	22.03 -1.71 -1.23	21.22 -1.59 -1.29	20.99 -1.60 -1.29	21.65 -1.70 -1.30	24.98 -2.14 -0.71	32.60 -3.28 -0.23	35.49 -4.03 -0.74	33.57 -3.26 -0.79	29.75 -3.07 -0.68	28.27 -3.07 -0.95	26.73 -2.82 -0.78	26.39 -2.82 -0.76	26.57 -2.84 -0.69	27.43 -3.01 -0.66	28.94 -3.22 -1.46	34.32 -4.04 -0.97	35.35 -4.23 -2.18	38.58 -5.82 0.01	31.83 -4.72 -0.24	30.51 -4.29 -0.24	28.23 -3.60 -0.24	26.42 -2.86 -0.43	24.77 -2.09 -0.71
NIAGARA_115E_LBMP 323715	25.00 -2.44 -0.60	21.70 -2.05 -1.23	20.91 -1.92 -1.30	20.68 -1.92 -1.30	21.30 -2.05 -1.31	24.63 -2.51 -0.73	32.18 -3.71 -0.24	35.01 -4.54 -0.76	33.15 -4.45 -0.82	29.35 -3.69 -0.70	27.91 -3.47 -0.98	26.38 -3.19 -0.80	26.04 -3.18 -0.79	26.22 -3.22 -0.72	27.09 -3.36 -0.68	28.62 -3.59 -1.50	33.90 -4.49 -1.01	35.01 -4.64 -2.25	38.23 -6.17 0.01	31.48 -5.08 -0.25	30.10 -4.70 -0.25	27.86 -3.98 -0.25	26.03 -3.26 -0.45	24.44 -2.43 -0.72
NIAGARA_115W_LBMP 323714	25.32 -2.12 -0.59	22.00 -1.73 -1.23	21.20 -1.61 -1.29	20.97 -1.62 -1.29	21.62 -1.72 -1.30	24.95 -2.16 -0.71	32.56 -3.31 -0.23	35.41 -4.11 -0.74	33.53 -4.05 -0.79	29.68 -3.33 -0.68	28.24 -3.10 -0.95	26.70 -2.85 -0.77	26.36 -2.84 -0.76	26.54 -2.87 -0.69	27.40 -3.04 -0.66	28.87 -3.29 -1.45	34.28 -4.07 -0.97	35.27 -4.30 -2.17	38.53 -5.86 0.01	31.79 -4.75 -0.24	30.47 -4.32 -0.24	28.20 -3.63 -0.24	26.39 -2.88 -0.43	24.74 -2.12 -0.71
NIAGARA_230_LBMP 323716	25.36 -2.07 -0.59	22.03 -1.69 -1.21	21.21 -1.59 -1.28	21.00 -1.58 -1.28	21.65 -1.68 -1.29	25.00 -2.09 -0.68	32.66 -3.21 -0.22	35.58 -3.92 -0.71	33.65 -3.90 -0.76	29.78 -3.20 -0.65	28.30 -3.01 -0.91	26.76 -2.76 -0.75	26.44 -2.73 -0.73	26.60 -2.79 -0.67	27.49 -2.92 -0.63	28.97 -3.13 -1.40	34.40 -3.92 -0.93	35.41 -4.08 -2.09	38.80 -5.60 0.01	32.00 -4.54 -0.23	30.60 -4.18 -0.23	28.31 -3.51 -0.23	26.43 -2.83 -0.42	24.79 -2.07 -0.70
NIAGARA__115KV_198_GIBSON 55903	25.32 -2.12 -0.59	22.00 -1.73 -1.23	21.18 -1.64 -1.29	20.97 -1.62 -1.29	21.62 -1.72 -1.30	24.97 -2.14 -0.71	32.53 -3.35 -0.23	35.45 -4.07 -0.73	33.53 -4.05 -0.79	29.68 -3.33 -0.68	28.24 -3.10 -0.95	26.70 -2.85 -0.77	26.36 -2.84 -0.76	26.54 -2.87 -0.69	27.40 -3.04 -0.66	28.87 -3.29 -1.45	34.28 -4.08 -0.97	35.27 -4.30 -2.17	38.71 -5.68 0.01	31.79 -4.76 -0.24	30.40 -4.39 -0.24	28.16 -3.73 -0.30	26.50 -2.88 -0.54	24.89 -2.12 -0.85
NIAGARA____ 23760	25.37 -2.07 -0.59	22.05 -1.69 -1.23	21.22 -1.59 -1.29	21.02 -1.58 -1.30	21.67 -1.68 -1.31	25.04 -2.09 -0.72	32.67 -3.21 -0.23	35.60 -3.92 -0.73	33.67 -3.90 -0.78	29.80 -3.20 -0.67	28.32 -3.01 -0.94	26.78 -2.76 -0.77	26.47 -2.73 -0.76	26.63 -2.79 -0.69	27.51 -2.92 -0.66	29.02 -3.13 -1.44	34.42 -3.92 -0.96	35.47 -4.08 -2.15	38.80 -5.60 0.01	32.01 -4.54 -0.24	30.60 -4.18 -0.24	28.32 -3.51 -0.24	26.45 -2.83 -0.43	24.80 -2.07 -0.71
NINE_MILE_1 23575	26.35 -0.75 -0.26	22.41 -0.63 -0.53	21.48 -0.60 -0.56	21.28 -0.57 -0.56	22.01 -0.59 -0.56	26.11 -0.69 -0.39	34.74 -1.03 -0.13	38.06 -1.13 -0.40	36.12 -1.10 -0.43	31.76 -0.94 -0.37	30.03 -0.88 -0.52	28.36 -0.84 -0.42	28.07 -0.80 -0.42	28.27 -0.83 -0.38	29.27 -0.86 -0.37	30.66 -0.86 -0.81	36.88 -1.05 -0.54	37.56 -1.05 -1.21	42.94 -1.46 0.00	35.25 -1.20 -0.14	33.58 -1.11 -0.13	30.74 -0.98 -0.13	28.24 -0.84 -0.23	25.72 -0.73 -0.30
NINE_MILE_2 23744	26.35 -0.75 -0.26	22.41 -0.63 -0.53	21.48 -0.60 -0.56	21.28 -0.57 -0.56	22.01 -0.59 -0.56	26.11 -0.69 -0.39	34.74 -1.03 -0.13	38.06 -1.13 -0.40	36.11 -1.10 -0.43	31.76 -0.94 -0.37	30.03 -0.88 -0.52	28.39 -0.81 -0.42	28.07 -0.80 -0.42	28.30 -0.80 -0.38	29.27 -0.86 -0.36	30.65 -0.86 -0.81	36.88 -1.05 -0.54	37.56 -1.05 -1.21	42.94 -1.46 0.00	35.28 -1.16 -0.14	33.58 -1.11 -0.13	30.74 -0.98 -0.13	28.24 -0.84 -0.23	25.71 -0.73 -0.30
NM_CAPITAL__DRP 24208	32.02 0.64 -4.53	32.36 0.52 -9.33	31.85 0.50 -9.84	31.64 0.49 -9.85	32.45 0.48 -9.93	33.95 0.63 -6.91	38.67 0.82 -2.21	46.86 0.89 -7.18	45.34 0.85 -7.71	39.67 0.74 -6.60	40.33 0.70 -9.24	37.02 0.69 -7.55	36.55 0.65 -7.46	36.17 0.69 -6.75	36.99 0.77 -6.44	45.73 0.77 -14.26	47.87 0.97 -9.52	59.73 0.97 -21.36	47.12 1.07 -1.65	41.71 0.87 -4.53	38.16 0.83 -2.78	35.14 0.76 -2.80	34.51 0.61 -5.06	33.18 0.52 -6.51

NM_CENTRAL___DRP 24181	26.89 -0.32 -0.36	22.97 -0.29 -0.75	22.06 -0.26 -0.79	21.84 -0.26 -0.79	22.62 -0.22 -0.80	26.72 -0.24 -0.56	35.40 -0.43 -0.18	38.97 -0.39 -0.58	37.08 -0.33 -0.63	32.61 -0.26 -0.54	30.79 -0.21 -0.61	28.76 -0.23 -0.22	28.38 -0.23 -0.17	28.58 -0.23 -0.09	29.58 -0.24 -0.04	31.15 -0.21 -0.66	37.29 -0.26 -0.17	38.27 -0.26 -1.13	43.21 -0.49 0.71	35.45 -0.47 0.38	33.73 -0.48 0.33	30.93 -0.41 0.25	28.46 -0.35 0.04	25.98 -0.29 -0.12
NM_FRONTIER___DRP 24179	25.32 -2.12 -0.59	22.00 -1.73 -1.23	21.18 -1.64 -1.29	20.97 -1.62 -1.29	21.62 -1.72 -1.30	24.97 -2.14 -0.71	32.53 -3.35 -0.23	35.45 -4.07 -0.73	33.53 -4.05 -0.79	29.68 -3.33 -0.68	28.24 -3.10 -0.95	26.70 -2.85 -0.77	26.36 -2.84 -0.76	26.54 -2.87 -0.69	27.40 -3.04 -0.66	28.87 -3.29 -1.45	34.28 -4.08 -0.97	35.27 -4.30 -2.17	38.71 -5.68 0.01	31.79 -4.76 -0.24	30.40 -4.39 -0.24	28.16 -3.73 -0.30	26.50 -2.88 -0.54	24.89 -2.12 -0.85
NM_ST_REGIS___HYD 24053	26.55 -0.40 -0.11	22.40 -0.34 -0.23	21.11 -0.65 -0.24	21.02 -0.51 -0.24	21.33 -0.95 -0.24	25.59 -0.98 -0.17	35.09 -0.61 -0.05	37.72 -1.24 -0.17	35.39 -1.58 -0.19	30.68 -1.81 -0.16	23.04 -1.73 5.62	11.34 -1.58 15.86	9.70 -1.56 17.18	8.99 -1.61 18.13	9.21 -1.70 18.86	9.55 -1.75 19.41	11.40 -2.09 23.89	11.21 -2.95 23.23	12.09 -3.60 28.72	10.01 -2.87 23.43	10.43 -2.69 21.43	9.71 -2.56 19.32	8.25 -2.48 18.11	7.63 -2.30 16.22
NORTHPORT___1 23551	32.57 1.72 -4.01	32.02 1.24 -8.27	31.35 1.12 -8.71	31.02 1.00 -8.73	31.89 1.06 -8.79	34.29 1.77 -6.12	40.97 3.24 -2.08	47.81 2.67 -6.35	46.47 2.87 -6.81	42.56 2.78 -7.45	40.97 2.40 -8.18	38.32 2.33 -7.21	37.43 2.39 -6.60	37.12 2.41 -5.98	43.88 2.65 -11.46	45.83 2.52 -12.60	48.15 2.36 -8.41	58.64 2.36 -18.89	52.15 2.84 -4.91	46.41 2.62 -7.49	44.82 2.66 -7.61	42.70 2.56 -8.55	35.04 2.16 -4.03	32.91 1.57 -5.19
NORTHPORT___2 23552	32.57 1.72 -4.01	32.02 1.24 -8.27	31.35 1.12 -8.71	31.02 1.00 -8.73	31.89 1.06 -8.79	34.29 1.77 -6.12	40.97 3.24 -2.08	47.81 2.67 -6.35	46.47 2.87 -6.81	42.56 2.78 -7.45	40.97 2.40 -8.18	38.32 2.33 -7.21	37.43 2.39 -6.60	37.12 2.41 -5.98	43.88 2.65 -11.46	45.83 2.52 -12.60	48.15 2.36 -8.41	58.64 2.36 -18.89	52.15 2.84 -4.91	46.41 2.62 -7.49	44.82 2.66 -7.61	42.70 2.56 -8.55	35.04 2.16 -4.03	32.91 1.57 -5.19
NORTHPORT___3 23553	32.76 1.91 -4.01	32.20 1.42 -8.27	31.50 1.27 -8.71	31.19 1.17 -8.73	32.09 1.26 -8.79	34.45 1.93 -6.12	40.97 3.24 -2.08	48.16 3.03 -6.35	46.80 3.20 -6.81	42.77 2.97 -7.46	41.21 2.64 -8.18	38.52 2.53 -7.22	37.60 2.56 -6.60	37.32 2.61 -5.98	44.05 2.77 -11.50	46.11 2.79 -12.60	48.86 3.07 -8.41	59.39 3.10 -18.89	52.99 3.68 -4.91	46.88 3.08 -7.49	45.17 2.97 -7.65	42.91 2.72 -8.60	35.27 2.39 -4.03	33.17 1.83 -5.19
NORTHPORT___4 23650	32.76 1.91 -4.01	32.20 1.42 -8.27	31.50 1.27 -8.71	31.19 1.17 -8.73	32.09 1.26 -8.79	34.45 1.93 -6.12	40.97 3.24 -2.08	48.16 3.03 -6.35	46.80 3.20 -6.81	42.77 2.97 -7.46	41.21 2.64 -8.18	38.52 2.53 -7.22	37.60 2.56 -6.60	37.32 2.61 -5.98	44.05 2.77 -11.50	46.11 2.79 -12.60	48.86 3.07 -8.41	59.39 3.10 -18.89	52.99 3.68 -4.91	46.88 3.08 -7.49	45.17 2.97 -7.65	42.91 2.72 -8.60	35.27 2.39 -4.03	33.17 1.83 -5.19
NORTHPORT___IC 23718	32.57 1.72 -4.01	32.02 1.24 -8.27	31.46 1.23 -8.71	30.96 0.94 -8.73	31.84 1.01 -8.79	34.21 1.69 -6.12	41.01 3.28 -2.08	47.77 2.64 -6.35	46.47 2.87 -6.81	42.56 2.78 -7.45	40.97 2.40 -8.18	38.32 2.33 -7.21	37.43 2.39 -6.60	37.12 2.41 -5.98	43.88 2.65 -11.46	45.80 2.49 -12.60	48.15 2.36 -8.41	58.64 2.36 -18.89	52.02 2.71 -4.91	46.37 2.58 -7.49	44.85 2.69 -7.61	43.04 2.65 -8.80	35.49 2.16 -4.48	33.48 1.57 -5.77
NORTH___COUNTRY_ESR 323785	26.11 -0.80 -0.07	21.96 -0.70 -0.15	20.67 -1.01 -0.16	20.54 -0.92 -0.16	20.81 -1.39 -0.16	24.93 -1.58 -0.11	34.08 -1.60 -0.04	36.58 -2.33 -0.12	34.23 -2.68 -0.13	29.69 -2.75 -0.11	19.98 -2.74 7.68	4.78 -2.62 21.37	2.69 -2.62 23.14	1.63 -2.70 24.40	1.53 -2.86 25.38	1.50 -2.98 26.23	1.33 -3.89 32.17	3.29 -4.08 30.03	2.69 -4.97 36.74	2.32 -3.96 30.03	3.31 -3.77 27.47	3.32 -3.47 24.79	2.30 -3.23 23.31	2.26 -2.95 20.93
NPX_GEN_1385_PROXY 323591	32.52 1.66 -4.01	32.02 1.24 -8.27	31.29 1.05 -8.71	30.96 0.94 -8.73	31.82 0.99 -8.79	34.21 1.69 -6.12	41.97 4.24 -2.08	50.83 3.57 -8.48	45.11 3.64 -4.69	42.72 2.94 -7.45	41.40 2.83 -8.18	38.75 2.76 -7.21	38.00 2.96 -6.60	37.72 3.02 -5.98	44.30 3.07 -11.46	46.48 3.16 -12.60	50.51 3.40 -9.72	59.24 2.95 -18.89	53.39 4.08 -4.91	47.21 3.41 -7.49	45.61 3.45 -7.61	43.20 3.06 -8.55	35.18 2.31 -4.03	32.86 1.52 -5.19
NPX_GEN_CSC 323557	32.63 1.77 -4.01	32.02 1.24 -8.27	31.37 1.14 -8.71	31.02 1.00 -8.73	31.87 1.04 -8.79	34.69 2.17 -6.12	41.37 3.64 -2.08	50.45 3.18 -8.48	44.82 3.35 -4.69	43.03 3.23 -7.47	40.30 1.73 -8.18	37.69 1.70 -7.22	36.75 1.71 -6.60	36.43 1.72 -5.98	44.22 2.92 -11.52	46.17 2.86 -12.60	48.94 3.14 -8.41	59.69 3.40 -18.89	53.22 3.91 -4.91	47.10 3.30 -7.49	45.40 3.18 -7.67	43.19 2.97 -8.63	35.38 2.51 -4.03	33.25 1.91 -5.19
NSINS_S___GLNS_FALLS 23858	32.60 1.13 -4.63	33.00 0.95 -9.55	32.47 0.88 -10.06	32.27 0.89 -10.08	33.18 0.99 -10.15	34.72 1.24 -7.07	39.76 1.85 -2.26	48.22 2.09 -7.34	46.76 2.10 -7.88	40.79 1.71 -6.74	41.44 1.61 -9.44	38.05 1.55 -7.72	37.54 1.48 -7.62	37.06 1.44 -6.90	37.63 1.28 -6.58	46.56 1.29 -14.57	48.75 1.64 -9.72	60.94 1.72 -21.82	47.94 2.04 -1.49	42.24 1.49 -4.45	38.89 1.49 -2.85	35.68 1.23 -2.86	35.20 1.18 -5.18	34.35 1.54 -6.66
NUCOR_STEEL___DRP 24197	27.25 -0.08 -0.49	23.43 -0.09 -1.01	22.53 -0.06 -1.07	22.30 -0.06 -1.07	23.12 0.00 -1.08	27.18 0.03 -0.75	35.81 -0.07 -0.24	39.64 0.08 -0.78	37.71 0.07 -0.85	33.15 0.10 -0.73	31.50 0.09 -1.02	29.66 0.06 -0.83	29.28 0.03 -0.81	29.49 0.03 -0.73	30.50 0.03 -0.70	32.35 0.09 -1.55	38.53 0.11 -1.03	39.86 0.15 -2.32	44.40 0.00 0.00	36.50 -0.07 -0.27	34.71 -0.10 -0.26	31.83 -0.06 -0.30	29.31 -0.09 -0.55	26.80 -0.05 -0.71
NUMBER_THREE_WT_PWR 323818	26.63 -0.38 -0.17	22.58 -0.27 -0.34	21.58 -0.30 -0.36	21.34 -0.32 -0.36	21.98 -0.42 -0.36	26.31 -0.34 -0.25	35.48 -0.25 -0.08	38.90 -0.15 -0.27	36.78 -0.30 -0.29	32.09 -0.48 -0.25	28.55 -0.52 1.32	23.93 -0.55 4.30	23.22 -0.54 4.68	23.21 -0.55 4.97	24.05 -0.54 5.19	25.10 -0.49 5.11	30.40 -0.45 6.53	30.74 -0.37 6.28	35.38 -0.49 8.54	29.05 -0.36 6.90	27.90 -0.35 6.30	25.43 -0.47 5.68	22.90 -0.66 5.28	20.81 -0.65 4.68
NYISO_LBMP_REFERENCE 24008	26.84 0.00 0.00	22.51 0.00 0.00	21.52 0.00 0.00	21.30 0.00 0.00	22.04 0.00 0.00	26.40 0.00 0.00	35.65 0.00 0.00	38.78 0.00 0.00	36.78 0.00 0.00	32.33 0.00 0.00	30.39 0.00 0.00	28.77 0.00 0.00	28.44 0.00 0.00	28.72 0.00 0.00	29.77 0.00 0.00	30.71 0.00 0.00	37.39 0.00 0.00	37.40 0.00 0.00	44.40 0.00 0.00	36.31 0.00 0.00	34.55 0.00 0.00	31.59 0.00 0.00	28.84 0.00 0.00	26.15 0.00 0.00

NYPA_BRENTWD____GT 24164	32.84 1.99 -4.01	32.22 1.44 -8.27	31.55 1.31 -8.71	31.22 1.19 -8.73	32.09 1.26 -8.79	34.58 2.06 -6.12	41.29 3.56 -2.08	48.27 3.14 -6.35	46.91 3.31 -6.81	42.99 3.17 -7.49	41.27 2.70 -8.18	38.62 2.62 -7.23	37.65 2.61 -6.60	37.38 2.67 -5.98	44.36 2.98 -11.61	46.23 2.92 -12.60	48.86 3.07 -8.41	59.43 3.14 -18.89	53.04 3.73 -4.91	46.99 3.20 -7.49	45.44 3.14 -7.75	43.24 2.94 -8.72	35.38 2.51 -4.03	33.22 1.88 -5.19
NYPA_GOWANUS____GT5 24156	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.17 2.57 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.93 2.37 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.40 2.52 -2.33	36.12 2.30 -2.23	35.01 2.13 -4.03	33.17 1.83 -5.19
NYPA_GOWANUS____GT6 24157	32.88 2.01 -4.02	32.40 1.62 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.17 2.57 -1.95	47.93 2.79 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.93 2.37 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.19 2.92 -18.88	52.78 3.47 -4.91	46.63 2.83 -7.49	39.40 2.52 -2.33	36.12 2.30 -2.23	35.01 2.13 -4.03	33.17 1.83 -5.19
NYPA_HARLEM__RVR__GT1 24160	32.88 2.01 -4.02	32.42 1.64 -8.27	31.70 1.46 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.84 2.25 -1.95	47.49 2.37 -6.34	46.06 2.46 -6.81	40.42 2.26 -5.83	40.74 2.19 -8.16	37.60 2.16 -6.67	37.24 2.22 -6.58	36.96 2.27 -5.96	37.66 2.20 -5.68	45.51 2.21 -12.60	48.48 2.69 -8.40	58.77 2.51 -18.87	52.33 3.02 -4.91	46.29 2.50 -7.48	39.12 2.24 -2.32	35.89 2.08 -2.22	34.89 2.02 -4.03	33.12 1.78 -5.19
NYPA_HARLEM__RVR__GT2 24161	32.88 2.01 -4.02	32.42 1.64 -8.27	31.70 1.46 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.24 1.72 -6.12	39.84 2.25 -1.95	47.49 2.37 -6.34	46.06 2.46 -6.81	40.42 2.26 -5.83	40.74 2.19 -8.16	37.60 2.16 -6.67	37.24 2.22 -6.58	36.96 2.27 -5.96	37.66 2.20 -5.68	45.51 2.21 -12.60	48.48 2.69 -8.40	58.77 2.51 -18.87	52.33 3.02 -4.91	46.29 2.50 -7.48	39.12 2.24 -2.32	35.89 2.08 -2.22	34.89 2.02 -4.03	33.12 1.78 -5.19
NYPA_KENT____GT 24152	32.85 1.99 -4.02	32.40 1.62 -8.27	31.70 1.46 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.32 1.80 -6.12	40.17 2.57 -1.95	47.93 2.79 -6.35	46.36 2.76 -6.81	40.69 2.52 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.08 2.38 -5.97	37.88 2.41 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.16 2.88 -18.88	52.74 3.42 -4.91	46.59 2.80 -7.49	39.44 2.56 -2.33	36.12 2.30 -2.23	35.01 2.13 -4.03	33.17 1.83 -5.19
NYPA_POUCH1____GT 24155	32.82 1.96 -4.02	32.38 1.60 -8.27	31.68 1.44 -8.71	31.41 1.38 -8.73	32.28 1.45 -8.79	34.27 1.74 -6.12	40.09 2.49 -1.95	47.81 2.67 -6.35	46.17 2.57 -6.81	40.53 2.36 -5.84	40.84 2.28 -8.17	37.67 2.22 -6.68	37.25 2.22 -6.59	36.94 2.24 -5.97	37.76 2.29 -5.69	45.68 2.36 -12.60	48.72 2.92 -8.41	59.08 2.81 -18.88	52.65 3.33 -4.91	46.52 2.72 -7.49	39.33 2.45 -2.33	36.06 2.24 -2.23	34.95 2.08 -4.03	33.12 1.78 -5.19
NYPA_VERNON____GT2 24162	32.82 1.96 -4.02	32.38 1.60 -8.27	31.70 1.46 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.17 2.57 -1.95	47.93 2.79 -6.35	46.39 2.79 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.08 2.38 -5.97	37.91 2.44 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.12 2.84 -18.88	52.69 3.37 -4.91	46.55 2.76 -7.49	39.40 2.52 -2.33	36.12 2.30 -2.23	35.01 2.13 -4.03	33.17 1.83 -5.19
NYPA_VERNON____GT3 24163	32.82 1.96 -4.02	32.38 1.60 -8.27	31.70 1.46 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.17 2.57 -1.95	47.93 2.79 -6.35	46.39 2.79 -6.81	40.72 2.55 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.08 2.38 -5.97	37.91 2.44 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.12 2.84 -18.88	52.69 3.37 -4.91	46.55 2.76 -7.49	39.40 2.52 -2.33	36.12 2.30 -2.23	35.01 2.13 -4.03	33.17 1.83 -5.19
NYPA__ASTORIA_CC1 323568	32.85 1.99 -4.02	32.38 1.60 -8.27	31.70 1.46 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.09 2.49 -1.95	47.85 2.71 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.74 2.43 -12.60	48.75 2.95 -8.41	59.04 2.77 -18.88	52.60 3.29 -4.91	46.52 2.72 -7.49	39.37 2.49 -2.33	36.06 2.24 -2.23	34.98 2.10 -4.03	33.17 1.83 -5.19
NYPA__ASTORIA_CC2 323569	32.85 1.99 -4.02	32.38 1.60 -8.27	31.70 1.46 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.09 2.49 -1.95	47.85 2.71 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.74 2.43 -12.60	48.75 2.95 -8.41	59.04 2.77 -18.88	52.60 3.29 -4.91	46.52 2.72 -7.49	39.37 2.49 -2.33	36.06 2.24 -2.23	34.98 2.10 -4.03	33.17 1.83 -5.19
NYPA__HOLTSVILL 23794	32.68 1.83 -4.01	32.11 1.33 -8.27	31.44 1.20 -8.71	31.11 1.09 -8.73	31.95 1.12 -8.79	34.48 1.95 -6.12	41.05 3.32 -2.08	47.96 2.83 -6.35	46.65 3.05 -6.81	42.74 2.94 -7.47	40.88 2.31 -8.18	38.24 2.25 -7.22	37.29 2.25 -6.60	37.00 2.30 -5.98	44.00 2.71 -11.52	45.98 2.67 -12.60	48.56 2.77 -8.41	59.21 2.92 -18.89	52.73 3.42 -4.91	46.74 2.94 -7.49	45.12 2.90 -7.67	42.99 2.78 -8.62	35.24 2.37 -4.03	33.09 1.75 -5.19
NYPA__HELLGATE_GT1 24158	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.27 1.74 -6.12	39.87 2.28 -1.95	47.57 2.44 -6.34	46.09 2.50 -6.81	40.45 2.30 -5.83	40.77 2.22 -8.16	37.60 2.16 -6.67	37.24 2.22 -6.58	36.96 2.27 -5.96	37.69 2.23 -5.68	45.54 2.24 -12.60	48.48 2.69 -8.40	58.77 2.51 -18.87	52.33 3.02 -4.91	46.29 2.50 -7.48	39.15 2.28 -2.32	35.89 2.08 -2.22	34.89 2.02 -4.03	33.14 1.80 -5.19
NYPA__HELLGATE_GT2 24159	32.88 2.01 -4.02	32.42 1.64 -8.27	31.72 1.48 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.27 1.74 -6.12	39.87 2.28 -1.95	47.57 2.44 -6.34	46.09 2.50 -6.81	40.45 2.30 -5.83	40.77 2.22 -8.16	37.60 2.16 -6.67	37.24 2.22 -6.58	36.96 2.27 -5.96	37.69 2.23 -5.68	45.54 2.24 -12.60	48.48 2.69 -8.40	58.77 2.51 -18.87	52.33 3.02 -4.91	46.29 2.50 -7.48	39.15 2.28 -2.32	35.89 2.08 -2.22	34.89 2.02 -4.03	33.14 1.80 -5.19
NYS_BARGE__HYD 23848	25.54 -1.88 -0.58	22.11 -1.60 -1.19	21.29 -1.48 -1.26	21.09 -1.47 -1.26	21.74 -1.56 -1.27	25.22 -1.93 -0.74	32.96 -2.92 -0.24	36.03 -3.53 -0.77	34.16 -3.46 -0.83	30.16 -2.88 -0.71	28.71 -2.67 -0.99	27.11 -2.47 -0.81	26.76 -2.47 -0.80	26.95 -2.50 -0.72	27.84 -2.62 -0.69	29.44 -2.79 -1.52	34.97 -3.44 -1.02	36.09 -3.59 -2.28	39.47 -4.93 0.00	32.50 -4.07 -0.26	31.07 -3.73 -0.25	28.65 -3.19 -0.25	26.70 -2.60 -0.45	24.93 -1.91 -0.69

OAK ORCHARD___HYD 24046	26.39 -0.94 -0.49	22.70 -0.81 -1.00	21.83 -0.75 -1.06	21.65 -0.70 -1.06	22.38 -0.73 -1.07	26.31 -0.85 -0.75	34.42 -1.46 -0.24	37.75 -1.82 -0.79	35.83 -1.80 -0.84	31.63 -1.42 -0.72	30.07 -1.34 -1.01	28.39 -1.21 -0.83	28.06 -1.19 -0.81	28.25 -1.21 -0.74	29.23 -1.25 -0.70	30.91 -1.35 -1.55	36.78 -1.64 -1.04	37.97 -1.76 -2.33	41.74 -2.66 0.00	34.36 -2.22 -0.27	32.81 -2.00 -0.26	30.14 -1.71 -0.25	27.97 -1.33 -0.46	25.81 -0.92 -0.58
OAKDALE___35_KV_LOAD 356122	28.15 0.00 -1.31	25.21 0.00 -2.70	24.41 0.04 -2.84	24.16 0.02 -2.84	24.97 0.07 -2.87	28.42 0.05 -1.96	36.38 0.11 -0.63	41.13 0.31 -2.04	39.23 0.26 -2.19	34.40 0.19 -1.88	33.23 0.21 -2.63	31.10 0.17 -2.15	30.70 0.14 -2.11	30.78 0.14 -1.92	31.75 0.15 -1.83	34.97 0.21 -4.04	40.35 0.26 -2.70	43.79 0.34 -6.06	43.85 0.13 0.69	36.34 0.04 0.00	35.29 0.03 -0.70	32.39 0.00 -0.80	30.23 -0.06 -1.44	27.98 -0.05 -1.88
OCC_CHEM___DRP 24175	25.34 -2.09 -0.60	22.03 -1.71 -1.23	21.20 -1.61 -1.29	20.99 -1.60 -1.29	21.65 -1.70 -1.30	25.00 -2.11 -0.71	32.60 -3.28 -0.23	35.53 -3.99 -0.74	33.57 -4.01 -0.79	29.75 -3.27 -0.68	28.27 -3.07 -0.95	26.73 -2.82 -0.78	26.39 -2.82 -0.76	26.57 -2.84 -0.69	27.43 -3.01 -0.66	28.94 -3.22 -1.46	34.32 -4.04 -0.97	35.35 -4.23 -2.18	38.76 -5.64 0.01	31.87 -4.68 -0.24	30.44 -4.35 -0.24	28.20 -3.70 -0.30	26.53 -2.86 -0.54	24.91 -2.09 -0.86
OH_GEN_PROXY 24063	25.37 -2.07 -0.59	22.04 -1.69 -1.22	21.24 -1.57 -1.29	21.01 -1.58 -1.29	21.66 -1.68 -1.30	25.06 -2.06 -0.71	32.74 -3.14 -0.23	37.90 -3.76 -2.87	31.70 -3.75 1.33	29.91 -3.10 -0.68	28.43 -2.92 -0.95	26.88 -2.68 -0.78	26.53 -2.67 -0.77	26.72 -2.70 -0.70	27.58 -2.86 -0.66	29.13 -3.04 -1.46	34.59 -3.77 -0.98	35.66 -3.93 -2.19	38.16 -5.42 0.82	32.12 -4.43 -0.24	30.75 -4.04 -0.24	28.42 -3.41 -0.24	26.51 -2.77 -0.44	24.79 -2.07 -0.71
OLIN_CORP_DRP 24177	25.08 -2.36 -0.60	21.77 -1.98 -1.24	20.94 -1.89 -1.31	20.73 -1.87 -1.31	21.40 -1.96 -1.32	24.71 -2.43 -0.74	32.25 -3.64 -0.24	35.16 -4.38 -0.76	33.27 -4.34 -0.82	29.45 -3.59 -0.71	28.00 -3.37 -0.98	26.47 -3.11 -0.81	26.13 -3.10 -0.79	26.31 -3.13 -0.72	27.15 -3.30 -0.69	28.69 -3.53 -1.51	34.02 -4.37 -1.01	35.13 -4.53 -2.26	38.49 -5.91 0.01	31.55 -5.01 -0.25	30.21 -4.60 -0.25	27.95 -3.95 -0.31	26.23 -3.17 -0.56	24.66 -2.35 -0.87
OLIN_CORP_DSASP 323712	25.34 -2.09 -0.60	22.03 -1.71 -1.23	21.22 -1.59 -1.29	20.99 -1.60 -1.29	21.65 -1.70 -1.30	24.98 -2.14 -0.71	32.60 -3.28 -0.23	35.49 -4.03 -0.74	33.57 -4.01 -0.79	29.75 -3.26 -0.68	28.27 -3.07 -0.95	26.73 -2.82 -0.78	26.39 -2.82 -0.76	26.57 -2.84 -0.69	27.43 -3.01 -0.66	28.94 -3.22 -1.46	34.32 -4.04 -0.97	35.35 -4.23 -2.18	38.58 -5.82 0.01	31.83 -4.72 -0.24	30.51 -4.29 -0.24	28.23 -3.60 -0.24	26.42 -2.86 -0.43	24.77 -2.09 -0.71
ONEIDA_HERK_LFGE 323681	27.17 0.19 -0.14	22.98 0.18 -0.29	22.00 0.17 -0.31	21.74 0.13 -0.31	22.46 0.11 -0.31	26.86 0.24 -0.22	36.14 0.43 -0.07	39.63 0.62 -0.23	37.58 0.55 -0.25	32.90 0.36 -0.21	30.32 0.33 0.41	27.34 0.26 1.69	26.81 0.23 1.86	26.99 0.26 1.99	27.98 0.30 2.09	29.08 0.31 1.93	35.26 0.48 2.61	35.65 0.56 2.31	41.37 0.58 3.61	33.90 0.47 2.88	32.37 0.45 2.63	29.50 0.28 2.37	26.76 0.09 2.17	24.30 0.05 1.90
ONEIDA___115KV_TB4 55905	27.57 0.48 -0.25	23.44 0.43 -0.51	22.49 0.43 -0.53	22.24 0.40 -0.53	23.02 0.44 -0.54	27.41 0.63 -0.38	36.62 0.86 -0.12	40.30 1.12 -0.39	38.27 1.07 -0.42	33.57 0.87 -0.36	31.46 0.82 -0.24	29.18 0.72 0.31	28.74 0.68 0.38	28.98 0.72 0.46	30.03 0.77 0.51	31.38 0.80 0.12	37.85 1.05 0.58	38.60 1.12 -0.09	44.35 1.24 1.30	36.32 0.94 0.93	34.61 0.90 0.84	31.62 0.76 0.72	28.84 0.55 0.55	26.23 0.47 0.39
ONONDAGA_REF_OCCRA 23987	27.05 -0.24 -0.45	23.23 -0.20 -0.92	22.30 -0.19 -0.97	22.08 -0.19 -0.97	22.87 -0.15 -0.98	26.93 -0.16 -0.68	35.61 -0.25 -0.22	39.30 -0.19 -0.71	37.37 -0.18 -0.77	32.86 -0.13 -0.66	31.07 -0.12 -0.80	29.06 -0.12 -0.40	28.65 -0.14 -0.36	28.85 -0.14 -0.27	29.87 -0.12 -0.22	31.59 -0.09 -0.97	37.68 -0.11 -0.41	38.92 -0.07 -1.60	43.52 -0.27 0.62	35.75 -0.29 0.26	34.02 -0.31 0.22	31.19 -0.25 0.14	28.72 -0.23 -0.11	26.23 -0.21 -0.29
ONONDAGA___COGEN 23986	27.07 -0.19 -0.41	23.18 -0.18 -0.85	22.25 -0.17 -0.90	22.05 -0.15 -0.90	22.84 -0.11 -0.91	26.93 -0.11 -0.63	35.60 -0.25 -0.20	39.32 -0.12 -0.66	37.39 -0.11 -0.72	32.88 -0.06 -0.61	31.07 -0.06 -0.73	29.07 -0.06 -0.36	28.66 -0.09 -0.31	28.86 -0.09 -0.22	29.86 -0.09 -0.18	31.52 -0.06 -0.88	37.66 -0.07 -0.35	38.81 -0.04 -1.45	43.58 -0.22 0.61	35.78 -0.25 0.27	34.04 -0.28 0.23	31.22 -0.22 0.15	28.72 -0.20 -0.08	26.24 -0.16 -0.25
ONTARIO___LFGE 23819	26.86 -0.56 -0.58	23.22 -0.50 -1.20	22.36 -0.43 -1.27	22.14 -0.43 -1.27	22.94 -0.37 -1.28	26.86 -0.42 -0.88	35.32 -0.61 -0.28	39.24 -0.46 -0.92	37.26 -0.52 -0.99	32.69 -0.48 -0.85	31.09 -0.49 -1.18	29.23 -0.52 -0.97	28.85 -0.54 -0.95	29.07 -0.52 -0.86	30.03 -0.57 -0.82	32.03 -0.49 -1.82	38.07 -0.52 -1.21	39.71 -0.41 -2.72	43.43 -0.98 0.00	35.79 -0.83 -0.31	34.03 -0.83 -0.31	31.10 -0.79 -0.30	28.63 -0.75 -0.54	26.27 -0.58 -0.70
ORANGEVILLE_WT_PWR 323706	25.69 -1.88 -0.73	22.43 -1.58 -1.50	21.64 -1.46 -1.58	21.37 -1.51 -1.58	22.00 -1.63 -1.59	25.31 -2.06 -0.96	33.00 -2.96 -0.31	36.49 -3.30 -1.00	34.62 -3.24 -1.08	30.44 -2.81 -0.92	29.01 -2.67 -1.29	27.30 -2.53 -1.06	26.95 -2.53 -1.04	27.14 -2.53 -0.94	28.02 -2.65 -0.90	29.92 -2.76 -1.98	35.31 -3.40 -1.32	37.03 -3.33 -2.96	39.92 -4.48 0.00	32.94 -3.70 -0.34	31.40 -3.49 -0.33	28.85 -3.06 -0.33	26.78 -2.65 -0.59	24.85 -2.17 -0.88
ORANGEVILLE___ESR 323794	25.69 -1.88 -0.73	22.43 -1.58 -1.50	21.64 -1.46 -1.58	21.37 -1.51 -1.58	22.00 -1.63 -1.59	25.31 -2.06 -0.96	33.00 -2.96 -0.31	36.49 -3.30 -1.00	34.62 -3.24 -1.08	30.44 -2.81 -0.92	29.01 -2.67 -1.29	27.30 -2.53 -1.06	26.95 -2.53 -1.04	27.14 -2.53 -0.94	28.02 -2.65 -0.90	29.92 -2.76 -1.98	35.31 -3.40 -1.32	37.03 -3.33 -2.96	39.92 -4.48 0.00	32.94 -3.70 -0.34	31.40 -3.49 -0.33	28.85 -3.06 -0.33	26.78 -2.65 -0.59	24.85 -2.17 -0.88
OSWEGATCHIE___HYD 24044	26.32 -0.67 -0.14	22.27 -0.54 -0.30	21.14 -0.69 -0.31	20.97 -0.64 -0.31	21.45 -0.90 -0.31	25.70 -0.92 -0.22	34.90 -0.82 -0.07	37.89 -1.13 -0.23	35.71 -1.32 -0.25	31.06 -1.49 -0.21	25.29 -1.46 3.65	16.78 -1.41 10.58	15.57 -1.39 11.48	15.19 -1.41 12.13	15.69 -1.46 12.63	16.36 -1.47 12.88	19.69 -1.72 15.97	19.57 -1.79 16.03	22.03 -2.17 20.20	18.12 -1.74 16.44	17.89 -1.62 15.04	16.38 -1.64 13.57	14.44 -1.70 12.70	13.20 -1.60 11.36
OSWEGO___5 23606	26.55 -0.59 -0.30	22.62 -0.50 -0.61	21.69 -0.47 -0.64	21.47 -0.47 -0.64	22.22 -0.46 -0.65	26.30 -0.56 -0.45	34.97 -0.82 -0.14	38.47 -0.82 -0.50	36.55 -0.77 -0.54	32.11 -0.68 -0.46	30.43 -0.61 -0.65	28.73 -0.58 -0.53	28.30 -0.63 -0.49	28.53 -0.63 -0.44	29.54 -0.66 -0.42	30.96 -0.68 -0.93	37.18 -0.82 -0.62	37.97 -0.82 -1.39	43.25 -1.15 0.00	35.52 -0.94 -0.16	33.81 -0.90 -0.16	30.95 -0.79 -0.15	28.45 -0.66 -0.27	25.92 -0.58 -0.35

OSWEGO___6 23613	26.55 -0.59 -0.30	22.62 -0.50 -0.61	21.69 -0.47 -0.64	21.47 -0.47 -0.64	22.22 -0.46 -0.65	26.30 -0.56 -0.45	34.97 -0.82 -0.14	38.47 -0.82 -0.50	36.55 -0.77 -0.54	32.11 -0.68 -0.46	30.43 -0.61 -0.65	28.73 -0.58 -0.53	28.30 -0.63 -0.49	28.53 -0.63 -0.44	29.54 -0.66 -0.42	30.96 -0.68 -0.93	37.18 -0.82 -0.62	37.97 -0.82 -1.39	43.25 -1.15 0.00	35.52 -0.94 -0.16	33.81 -0.90 -0.16	30.95 -0.79 -0.15	28.45 -0.66 -0.27	25.92 -0.58 -0.35
OUTOKUMPU-AB___DRP 24206	25.70 -1.74 -0.60	22.29 -1.46 -1.25	21.46 -1.38 -1.31	21.23 -1.38 -1.31	21.91 -1.45 -1.32	25.33 -1.82 -0.75	33.14 -2.74 -0.24	36.30 -3.26 -0.78	34.38 -3.24 -0.84	30.40 -2.65 -0.72	28.93 -2.46 -1.00	27.29 -2.30 -0.82	26.94 -2.30 -0.81	27.16 -2.30 -0.73	28.06 -2.41 -0.70	29.63 -2.61 -1.54	35.16 -3.25 -1.03	36.37 -3.33 -2.30	39.87 -4.53 0.01	32.75 -3.81 -0.26	31.28 -3.52 -0.26	28.81 -3.10 -0.32	26.99 -2.42 -0.57	25.24 -1.78 -0.87
OXBOW___BTM 323836	25.56 -1.88 -0.60	22.19 -1.55 -1.24	21.38 -1.44 -1.30	21.15 -1.45 -1.30	21.79 -1.56 -1.31	25.18 -1.95 -0.73	32.92 -2.96 -0.24	35.94 -3.61 -0.76	34.07 -3.53 -0.82	30.12 -2.91 -0.70	28.66 -2.71 -0.98	27.07 -2.50 -0.80	26.72 -2.50 -0.79	26.91 -2.53 -0.71	27.80 -2.65 -0.68	29.35 -2.85 -1.50	34.80 -3.59 -1.00	35.93 -3.70 -2.24	39.25 -5.15 0.01	32.35 -4.21 -0.25	30.96 -3.84 -0.25	28.58 -3.25 -0.25	26.69 -2.60 -0.45	24.96 -1.91 -0.72
OXBOW____ 24026	25.56 -1.88 -0.60	22.19 -1.55 -1.24	21.36 -1.46 -1.30	21.15 -1.45 -1.30	21.81 -1.54 -1.31	25.21 -1.93 -0.73	32.92 -2.96 -0.24	35.97 -3.57 -0.76	34.03 -3.57 -0.82	30.12 -2.91 -0.70	28.66 -2.71 -0.98	27.07 -2.50 -0.80	26.72 -2.50 -0.79	26.91 -2.53 -0.71	27.80 -2.65 -0.68	29.35 -2.86 -1.50	34.80 -3.59 -1.00	35.93 -3.70 -2.24	39.42 -4.97 0.01	32.38 -4.18 -0.25	30.93 -3.87 -0.25	28.55 -3.35 -0.31	26.80 -2.60 -0.56	25.10 -1.91 -0.86
OXY_CHEM_DSASP 323612	25.34 -2.09 -0.60	22.03 -1.71 -1.23	21.20 -1.61 -1.29	20.99 -1.60 -1.29	21.65 -1.70 -1.30	25.00 -2.11 -0.71	32.60 -3.28 -0.23	35.53 -3.99 -0.74	33.57 -4.01 -0.79	29.75 -3.27 -0.68	28.27 -3.07 -0.95	26.73 -2.82 -0.78	26.39 -2.82 -0.76	26.57 -2.84 -0.69	27.43 -3.01 -0.66	28.94 -3.22 -1.46	34.32 -4.04 -0.97	35.35 -4.23 -2.18	38.76 -5.64 0.01	31.87 -4.68 -0.24	30.44 -4.35 -0.30	28.20 -3.70 -0.30	26.53 -2.86 -0.54	24.91 -2.09 -0.86
OZONE_PARK_ESR 323760	32.84 1.99 -4.01	32.40 1.62 -8.27	31.74 1.51 -8.71	31.47 1.45 -8.72	32.35 1.52 -8.79	34.40 1.87 -6.12	40.45 2.85 -1.95	48.24 3.10 -6.35	46.69 3.09 -6.81	40.98 2.81 -5.84	41.23 2.67 -8.17	38.01 2.56 -6.68	37.59 2.56 -6.59	37.28 2.59 -5.97	38.12 2.65 -5.69	46.04 2.73 -12.60	49.12 3.33 -8.41	59.49 3.22 -18.88	52.92 3.60 -4.92	46.85 3.05 -7.49	39.75 2.87 -2.33	36.69 2.62 -2.47	35.57 2.25 -4.48	33.80 1.88 -5.77
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	25.34 -2.09 -0.60	22.03 -1.71 -1.23	21.20 -1.61 -1.29	20.99 -1.60 -1.29	21.65 -1.70 -1.30	25.00 -2.11 -0.71	32.60 -3.28 -0.23	35.53 -3.99 -0.74	33.57 -4.01 -0.79	29.75 -3.27 -0.68	28.27 -3.07 -0.95	26.73 -2.82 -0.78	26.39 -2.82 -0.76	26.57 -2.84 -0.69	27.43 -3.01 -0.66	28.94 -3.22 -1.46	34.32 -4.04 -0.97	35.35 -4.23 -2.18	38.76 -5.64 0.01	31.87 -4.68 -0.24	30.44 -4.35 -0.30	28.20 -3.70 -0.30	26.53 -2.86 -0.54	24.91 -2.09 -0.86
PACKARD___115KV_DUPONT_184 80571	25.34 -2.09 -0.60	22.03 -1.71 -1.23	21.20 -1.61 -1.29	20.99 -1.60 -1.29	21.65 -1.70 -1.30	25.00 -2.11 -0.71	32.60 -3.28 -0.23	35.53 -3.99 -0.74	33.57 -4.01 -0.79	29.75 -3.27 -0.68	28.27 -3.07 -0.95	26.73 -2.82 -0.78	26.39 -2.82 -0.76	26.57 -2.84 -0.69	27.43 -3.01 -0.66	28.94 -3.22 -1.46	34.32 -4.04 -0.97	35.35 -4.23 -2.18	38.76 -5.64 0.01	31.87 -4.68 -0.24	30.44 -4.35 -0.30	28.20 -3.70 -0.30	26.53 -2.86 -0.54	24.91 -2.09 -0.86
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.88 2.01 -4.02	32.42 1.64 -8.27	31.74 1.51 -8.71	31.45 1.43 -8.73	32.33 1.50 -8.79	34.24 1.72 -6.12	39.95 2.35 -1.95	47.65 2.52 -6.35	46.14 2.54 -6.81	40.49 2.33 -5.84	40.81 2.25 -8.17	37.64 2.19 -6.68	37.22 2.19 -6.59	36.91 2.21 -5.97	37.73 2.26 -5.69	45.61 2.30 -12.60	48.56 2.77 -8.41	58.86 2.58 -18.88	52.20 2.89 -4.91	46.34 2.54 -7.49	39.23 2.35 -2.33	36.24 2.18 -2.47	35.31 1.99 -4.48	33.69 1.78 -5.77
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.04 2.17 -4.02	32.56 1.78 -8.27	31.85 1.61 -8.71	31.58 1.55 -8.73	32.44 1.61 -8.79	34.40 1.87 -6.12	40.13 2.53 -1.95	47.89 2.75 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.93 2.37 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.74 2.43 -12.60	48.68 2.88 -8.41	59.08 2.80 -18.88	52.42 3.11 -4.91	46.48 2.69 -7.49	39.37 2.49 -2.33	36.37 2.31 -2.47	35.43 2.11 -4.48	33.82 1.91 -5.77
PATROON___115KV_TB1 80586	31.98 0.59 -4.55	32.36 0.47 -9.38	31.88 0.47 -9.88	31.66 0.47 -9.90	32.47 0.46 -9.97	33.96 0.61 -6.94	38.68 0.82 -2.22	46.92 0.93 -7.21	45.33 0.81 -7.74	39.64 0.68 -6.63	40.33 0.67 -9.27	36.99 0.63 -7.58	36.52 0.60 -7.48	36.22 0.72 -6.78	37.01 0.77 -6.46	45.79 0.77 -14.31	47.91 0.97 -9.55	59.81 0.97 -21.44	47.07 1.07 -1.61	41.65 0.84 -4.51	38.17 0.83 -2.79	35.12 0.73 -2.81	34.53 0.61 -5.08	33.19 0.50 -6.54
PATTRSNVILLE___SOLAR 323815	32.45 0.86 -4.75	33.01 0.72 -9.78	32.52 0.69 -10.31	32.30 0.68 -10.32	33.17 0.73 -10.40	34.57 0.92 -7.24	39.31 1.35 -2.31	47.81 1.51 -7.51	46.25 1.40 -8.06	40.34 1.10 -6.91	41.03 0.97 -9.66	37.54 0.86 -7.90	37.04 0.80 -7.80	36.63 0.83 -7.07	37.41 0.89 -6.74	46.68 1.04 -14.93	48.69 1.34 -9.96	61.17 1.42 -22.36	47.39 1.64 -1.34	41.94 1.27 -4.37	38.69 1.21 -2.93	35.46 1.07 -2.80	34.83 0.92 -5.07	33.51 0.84 -6.52
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	25.11 -2.39 -0.66	21.88 -1.98 -1.35	21.07 -1.87 -1.42	20.85 -1.87 -1.43	21.51 -1.96 -1.44	24.83 -2.40 -0.83	32.81 -3.10 -0.27	36.58 -3.06 -0.86	34.77 -2.94 -0.92	30.44 -2.68 -0.79	29.01 -2.49 -1.11	27.26 -2.42 -0.91	26.94 -2.39 -0.89	27.15 -2.38 -0.81	28.07 -2.47 -0.77	29.98 -2.43 -1.70	35.57 -2.95 -1.13	37.21 -2.73 -2.54	41.07 -3.33 0.01	33.58 -3.01 -0.29	31.93 -2.90 -0.28	29.09 -2.84 -0.35	26.79 -2.68 -0.63	24.69 -2.41 -0.94
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	32.62 1.74 -4.03	32.21 1.40 -8.31	31.61 1.33 -8.76	31.37 1.30 -8.77	32.22 1.34 -8.83	34.24 1.69 -6.15	40.14 2.53 -1.96	47.96 2.79 -6.38	46.47 2.83 -6.85	40.69 2.49 -5.87	41.00 2.40 -8.21	37.73 2.24 -6.71	37.28 2.22 -6.62	36.94 2.21 -6.00	37.82 2.32 -5.72	45.74 2.36 -12.67	48.68 2.84 -8.45	59.25 2.88 -18.97	51.98 3.20 -4.38	45.91 2.65 -6.95	39.46 2.56 -2.35	36.29 2.21 -2.49	35.31 1.96 -4.50	33.59 1.65 -5.80
PEEKSKILL____ 23653	32.39 1.56 -3.99	32.00 1.26 -8.23	31.35 1.16 -8.67	31.13 1.15 -8.68	32.00 1.21 -8.75	34.00 1.50 -6.09	39.91 2.32 -1.94	47.66 2.56 -6.32	46.10 2.54 -6.78	40.40 2.26 -5.81	40.68 2.16 -8.13	37.46 2.04 -6.65	37.05 2.05 -6.56	36.73 2.07 -5.94	37.58 2.14 -5.66	45.43 2.18 -12.54	48.37 2.62 -8.37	58.80 2.62 -18.79	52.69 2.98 -5.31	46.62 2.43 -7.88	39.11 2.24 -2.31	35.79 1.99 -2.21	34.60 1.76 -4.00	32.76 1.46 -5.15

PGE MADISON___WINDPWR 24146	29.52 1.42 -1.26	26.36 1.26 -2.59	25.52 1.27 -2.73	25.20 1.17 -2.73	26.07 1.28 -2.75	30.02 1.72 -1.90	38.68 2.43 -0.61	44.02 3.26 -1.98	42.03 3.12 -2.12	36.70 2.55 -1.82	35.37 2.43 -2.54	33.07 2.22 -2.08	32.50 2.02 -2.05	32.59 2.01 -1.85	33.69 2.14 -1.77	36.92 2.30 -3.91	43.06 3.07 -2.61	46.51 3.25 -5.86	47.27 3.51 0.64	39.19 2.87 -0.02	37.95 2.73 -0.67	34.48 2.24 -0.65	31.68 1.67 -1.17	29.13 1.46 -1.52
PIERCEFIELD___HYD 23852	26.39 -0.56 -0.11	22.26 -0.47 -0.23	21.01 -0.75 -0.24	20.90 -0.64 -0.24	21.22 -1.06 -0.24	25.44 -1.14 -0.17	34.81 -0.89 -0.05	37.45 -1.51 -0.17	35.10 -1.88 -0.19	30.46 -2.04 -0.16	22.80 -1.98 5.62	11.08 -1.84 15.86	9.44 -1.82 17.18	8.73 -1.87 18.13	8.98 -1.94 18.86	9.31 -2.00 19.41	11.03 -2.47 23.89	11.44 -2.73 23.23	12.31 -3.37 28.72	10.19 -2.69 23.43	10.64 -2.49 21.43	9.87 -2.40 19.32	8.40 -2.34 18.11	7.79 -2.14 16.21
PINELAWN_CC_1 323563	32.73 1.88 -4.01	32.17 1.40 -8.27	31.48 1.25 -8.71	31.15 1.13 -8.73	32.04 1.21 -8.79	34.45 1.93 -6.12	41.04 3.32 -2.08	48.16 3.03 -6.35	46.76 3.16 -6.81	42.91 2.97 -7.61	41.15 2.58 -8.18	38.55 2.50 -7.28	37.54 2.50 -6.60	37.26 2.56 -5.98	44.57 2.77 -12.03	46.08 2.76 -12.60	48.79 2.99 -8.41	59.35 3.07 -18.89	52.95 3.64 -4.91	46.85 3.05 -7.49	45.66 2.97 -8.13	43.52 2.75 -9.18	35.27 2.39 -4.03	33.14 1.80 -5.19
PJM_GEN_HTP_PROXY 323702	32.63 1.77 -4.01	32.20 1.42 -8.27	31.55 1.31 -8.71	31.30 1.28 -8.72	32.17 1.34 -8.79	34.21 1.69 -6.12	40.20 2.60 -1.95	50.06 2.79 -8.48	44.26 2.79 -4.68	40.69 2.52 -5.84	40.96 2.40 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.77 2.46 -12.60	48.75 2.95 -8.41	59.15 2.88 -18.88	52.66 3.33 -4.92	46.53 2.72 -7.50	39.37 2.49 -2.33	36.06 2.24 -2.23	34.86 1.99 -4.03	33.01 1.67 -5.19
PJM_GEN_KEystone 24065	29.11 -0.22 -2.48	27.44 -0.18 -5.11	26.73 -0.17 -5.39	26.52 -0.17 -5.39	27.32 -0.15 -5.43	29.91 -0.21 -3.71	36.73 -0.11 -1.19	44.77 0.00 -5.99	38.72 -0.07 -2.01	35.81 -0.06 -3.54	35.29 -0.06 -4.96	32.77 -0.06 -4.06	32.38 -0.06 -4.00	32.32 -0.03 -3.62	33.17 -0.06 -3.46	38.32 -0.03 -7.65	42.42 -0.07 -5.11	48.85 0.00 -11.46	47.25 -0.26 -3.11	40.63 -0.33 -4.65	35.59 -0.35 -1.38	32.54 -0.38 -1.33	30.96 -0.29 -2.40	29.06 -0.24 -3.15
PJM_GEN_NEPTUNE_PROXY 323594	32.49 1.64 -4.01	31.97 1.19 -8.27	31.31 1.08 -8.71	31.00 0.98 -8.73	31.87 1.04 -8.79	34.16 1.64 -6.12	40.49 2.85 -1.99	49.86 2.60 -8.48	44.23 2.76 -4.69	42.15 2.55 -7.27	40.88 2.31 -8.18	38.17 2.22 -7.18	37.29 2.25 -6.60	36.97 2.27 -5.98	43.00 2.41 -10.81	45.77 2.46 -12.60	48.41 2.62 -8.41	58.90 2.62 -18.89	52.42 3.11 -4.91	46.41 2.62 -7.49	44.09 2.52 -7.02	41.77 2.34 -7.85	34.92 2.05 -4.03	32.88 1.54 -5.19
PJM_GEN_VFT_PROXY 323633	32.60 1.74 -4.01	32.17 1.40 -8.27	31.52 1.29 -8.71	31.28 1.26 -8.72	32.15 1.32 -8.79	34.19 1.66 -6.12	40.13 2.53 -1.95	50.02 2.75 -8.48	44.23 2.76 -4.68	40.66 2.49 -5.84	40.96 2.40 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.74 2.43 -12.60	48.75 2.95 -8.41	59.08 2.81 -18.88	52.61 3.29 -4.92	46.52 2.72 -7.49	39.37 2.49 -2.33	36.03 2.21 -2.23	34.86 1.99 -4.03	32.99 1.65 -5.19
PLATSBURG_115KV_PMLD1 355749	26.49 -0.43 -0.07	22.26 -0.41 -0.15	20.93 -0.75 -0.16	20.82 -0.64 -0.16	21.08 -1.12 -0.16	25.25 -1.27 -0.11	34.51 -1.18 -0.04	37.00 -1.90 -0.12	34.67 -2.24 -0.13	30.01 -2.42 -0.11	20.25 -2.46 7.68	5.04 -2.36 21.37	2.94 -2.36 23.14	1.83 -2.50 24.40	1.77 -2.62 25.38	1.71 -2.76 26.23	1.63 -3.59 32.17	2.33 -3.59 31.48	1.43 -4.48 38.48	1.29 -3.56 31.46	2.42 -3.35 28.78	2.57 -3.10 25.92	1.57 -2.94 24.33	1.69 -2.64 21.81
PLEASANTVLY___LBMP 24000	32.33 1.40 -4.09	32.09 1.15 -8.43	31.46 1.05 -8.89	31.24 1.04 -8.90	32.09 1.08 -8.97	33.99 1.35 -6.24	39.71 2.07 -1.99	47.51 2.25 -6.48	45.94 2.21 -6.95	40.29 2.00 -5.95	40.61 1.88 -8.33	37.40 1.81 -6.81	36.96 1.79 -6.72	36.63 1.81 -6.09	37.46 1.88 -5.81	45.50 1.93 -12.86	48.29 2.32 -8.58	58.94 2.28 -19.26	50.59 2.49 -3.70	44.71 2.11 -6.30	38.96 2.00 -2.41	35.91 1.80 -2.53	34.97 1.56 -4.57	33.34 1.31 -5.88
PLSNTVLE_13_KV_13.8KVDIST 80602	32.48 1.61 -4.03	32.11 1.31 -8.30	31.49 1.23 -8.74	31.25 1.19 -8.76	32.09 1.23 -8.82	34.10 1.56 -6.14	40.03 2.42 -1.96	47.79 2.64 -6.37	46.23 2.61 -6.84	40.51 2.33 -5.86	40.81 2.22 -8.19	37.61 2.13 -6.70	37.19 2.13 -6.61	36.87 2.15 -5.99	37.69 2.20 -5.71	45.63 2.27 -12.65	48.56 2.73 -8.44	59.03 2.69 -18.94	51.96 2.97 -4.58	46.01 2.54 -7.16	39.28 2.38 -2.34	36.22 2.15 -2.48	35.18 1.85 -4.50	33.48 1.54 -5.79
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.48 1.61 -4.03	32.11 1.31 -8.30	31.49 1.23 -8.74	31.25 1.19 -8.76	32.09 1.23 -8.82	34.10 1.56 -6.14	40.03 2.42 -1.96	47.79 2.64 -6.37	46.23 2.61 -6.84	40.51 2.33 -5.86	40.81 2.22 -8.19	37.61 2.13 -6.70	37.19 2.13 -6.61	36.87 2.15 -5.99	37.69 2.20 -5.71	45.63 2.27 -12.65	48.56 2.73 -8.44	59.03 2.69 -18.94	51.96 2.97 -4.58	46.01 2.54 -7.16	39.28 2.38 -2.34	36.22 2.15 -2.48	35.18 1.85 -4.50	33.48 1.54 -5.79
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.43 1.53 -4.05	32.10 1.24 -8.36	31.49 1.16 -8.80	31.24 1.13 -8.82	32.11 1.19 -8.88	34.04 1.45 -6.18	39.87 2.25 -1.97	47.64 2.44 -6.42	46.14 2.46 -6.89	40.39 2.17 -5.90	40.68 2.04 -8.25	37.45 1.93 -6.75	37.01 1.91 -6.66	36.68 1.92 -6.03	37.52 1.99 -5.75	45.53 2.09 -12.74	48.43 2.54 -8.50	59.02 2.54 -19.08	51.28 2.80 -4.08	45.32 2.36 -6.66	39.17 2.25 -2.37	36.05 1.96 -2.50	35.07 1.70 -4.53	33.42 1.44 -5.83
POLETTI___ 23519	32.71 1.85 -4.01	32.29 1.51 -8.27	31.63 1.40 -8.71	31.36 1.34 -8.72	32.24 1.41 -8.79	34.21 1.69 -6.12	37.58 2.50 0.56	44.19 2.71 -2.69	42.65 2.72 -3.14	40.61 2.46 -5.82	40.88 2.34 -8.15	37.71 2.27 -6.66	37.29 2.28 -6.57	36.99 2.30 -5.97	37.77 2.32 -5.68	41.87 2.40 -8.77	41.91 2.92 -1.61	45.40 2.77 -5.23	42.19 3.06 5.27	40.58 2.65 -1.62	39.35 2.49 -2.31	36.34 2.27 -2.47	35.34 2.02 -4.48	33.61 1.70 -5.77
POMONA___ESR 323819	32.34 1.56 -3.94	31.87 1.24 -8.12	31.24 1.16 -8.56	31.02 1.15 -8.57	31.89 1.21 -8.64	33.92 1.50 -6.01	39.92 2.35 -1.92	47.62 2.60 -6.24	46.02 2.54 -6.70	40.33 2.26 -5.74	40.55 2.13 -8.03	37.38 2.04 -6.56	36.97 2.05 -6.48	36.66 2.07 -5.87	37.51 2.14 -5.59	45.30 2.21 -12.39	48.31 2.65 -8.27	58.61 2.66 -18.55	53.93 3.02 -6.51	47.83 2.43 -9.09	39.06 2.24 -2.26	35.71 1.96 -2.16	34.52 1.76 -3.91	32.65 1.46 -5.04
PORT_JEFF_3 23555	32.79 1.93 -4.01	32.17 1.40 -8.27	31.50 1.27 -8.71	31.17 1.15 -8.73	32.04 1.21 -8.79	34.58 2.06 -6.12	41.22 3.50 -2.08	48.20 3.06 -6.35	46.84 3.24 -6.81	42.94 3.14 -7.47	41.03 2.46 -8.18	38.36 2.36 -7.22	37.43 2.39 -6.60	37.12 2.41 -5.98	44.16 2.86 -11.53	46.13 2.82 -12.60	48.82 3.03 -8.41	59.46 3.18 -18.89	53.04 3.73 -4.91	46.99 3.20 -7.49	45.34 3.11 -7.67	43.16 2.94 -8.63	35.36 2.48 -4.03	33.22 1.88 -5.19

PORT_JEFF_4 23616	32.79 1.93 -4.01	32.17 1.40 -8.27	31.50 1.27 -8.71	31.17 1.15 -8.73	32.04 1.21 -8.79	34.58 2.06 -6.12	41.22 3.50 -2.08	48.20 3.06 -6.35	46.84 3.24 -6.81	42.94 3.14 -7.47	41.03 2.46 -8.18	38.36 2.36 -7.22	37.43 2.39 -6.60	37.12 2.41 -5.98	44.16 2.86 -11.53	46.13 2.82 -12.60	48.82 3.03 -8.41	59.46 3.18 -18.89	53.04 3.73 -4.91	46.99 3.20 -7.49	45.34 3.11 -7.67	43.16 2.94 -8.63	35.36 2.48 -4.03	33.22 1.88 -5.19
PORT_JEFF_IC 23713	32.81 1.96 -4.01	32.20 1.42 -8.27	31.70 1.46 -8.71	31.13 1.11 -8.73	32.00 1.17 -8.79	34.53 2.01 -6.12	41.40 3.67 -2.08	48.27 3.14 -6.35	46.91 3.31 -6.81	42.97 3.17 -7.48	41.06 2.49 -8.18	38.39 2.39 -7.22	37.43 2.39 -6.60	37.15 2.44 -5.98	44.23 2.92 -11.54	46.17 2.86 -12.60	48.94 3.14 -8.41	59.58 3.29 -18.89	52.99 3.69 -4.91	47.03 3.23 -7.49	45.45 3.21 -7.69	43.58 3.10 -8.90	35.86 2.54 -4.48	33.82 1.91 -5.77
PPL PILGRIM_ST_GT1 24216	32.84 1.99 -4.01	32.22 1.44 -8.27	31.55 1.31 -8.71	31.22 1.19 -8.73	32.09 1.26 -8.79	34.58 2.06 -6.12	41.29 3.56 -2.08	48.27 3.14 -6.35	46.91 3.31 -6.81	42.99 3.17 -7.49	41.27 2.70 -8.18	38.62 2.62 -7.23	37.65 2.61 -6.60	37.38 2.67 -5.98	44.36 2.98 -11.61	46.23 2.92 -12.60	48.86 3.07 -8.41	59.43 3.14 -18.89	53.04 3.73 -4.91	46.99 3.20 -7.49	45.44 3.14 -7.75	43.24 2.94 -8.72	35.38 2.51 -4.03	33.22 1.88 -5.19
PPL PILGRIM_ST_GT2 24217	32.84 1.99 -4.01	32.22 1.44 -8.27	31.55 1.31 -8.71	31.22 1.19 -8.73	32.09 1.26 -8.79	34.58 2.06 -6.12	41.29 3.56 -2.08	48.27 3.14 -6.35	46.91 3.31 -6.81	42.99 3.17 -7.49	41.27 2.70 -8.18	38.62 2.62 -7.23	37.65 2.61 -6.60	37.38 2.67 -5.98	44.36 2.98 -11.61	46.23 2.92 -12.60	48.86 3.07 -8.41	59.43 3.14 -18.89	53.04 3.73 -4.91	46.99 3.20 -7.49	45.44 3.14 -7.75	43.24 2.94 -8.72	35.38 2.51 -4.03	33.22 1.88 -5.19
PPL_SHRM_GT3 24213	32.65 1.80 -4.01	32.04 1.26 -8.27	31.40 1.16 -8.71	31.05 1.02 -8.73	31.89 1.06 -8.79	34.69 2.17 -6.12	41.37 3.64 -2.08	48.27 3.14 -6.35	46.91 3.31 -6.81	43.04 3.23 -7.47	40.36 1.79 -8.18	37.72 1.73 -7.22	36.77 1.74 -6.60	36.49 1.78 -5.98	44.19 2.89 -11.53	46.17 2.86 -12.60	48.94 3.14 -8.41	59.65 3.37 -18.89	53.22 3.91 -4.91	47.10 3.30 -7.49	45.41 3.18 -7.68	43.19 2.97 -8.64	35.38 2.51 -4.03	33.25 1.91 -5.19
PPL_SHRM_GT4 24214	32.65 1.80 -4.01	32.04 1.26 -8.27	31.40 1.16 -8.71	31.05 1.02 -8.73	31.89 1.06 -8.79	34.69 2.17 -6.12	41.37 3.64 -2.08	48.27 3.14 -6.35	46.91 3.31 -6.81	43.04 3.23 -7.47	40.36 1.79 -8.18	37.72 1.73 -7.22	36.77 1.74 -6.60	36.49 1.78 -5.98	44.19 2.89 -11.53	46.17 2.86 -12.60	48.94 3.14 -8.41	59.65 3.37 -18.89	53.22 3.91 -4.91	47.10 3.30 -7.49	45.41 3.18 -7.68	43.19 2.97 -8.64	35.38 2.51 -4.03	33.25 1.91 -5.19
PROJECT___ORANGE 1 24174	26.89 -0.32 -0.37	23.00 -0.27 -0.76	22.07 -0.26 -0.80	21.85 -0.26 -0.80	22.65 -0.20 -0.81	26.73 -0.24 -0.56	35.43 -0.39 -0.18	39.02 -0.35 -0.59	37.09 -0.33 -0.64	32.65 -0.23 -0.55	30.80 -0.21 -0.62	28.81 -0.20 -0.23	28.43 -0.20 -0.19	28.63 -0.20 -0.11	29.63 -0.21 -0.06	31.20 -0.18 -0.68	37.35 -0.22 -0.19	38.34 -0.22 -1.17	43.23 -0.49 0.69	35.47 -0.47 0.36	33.78 -0.45 0.32	30.97 -0.38 0.24	28.47 -0.35 0.02	26.03 -0.26 -0.14
PROJECT___ORANGE 2 24166	26.89 -0.32 -0.37	23.00 -0.27 -0.76	22.07 -0.26 -0.80	21.85 -0.26 -0.80	22.65 -0.20 -0.81	26.73 -0.24 -0.56	35.43 -0.39 -0.18	39.02 -0.35 -0.59	37.09 -0.33 -0.64	32.65 -0.23 -0.55	30.80 -0.21 -0.62	28.81 -0.20 -0.23	28.43 -0.20 -0.19	28.63 -0.20 -0.11	29.63 -0.21 -0.06	31.20 -0.18 -0.68	37.35 -0.22 -0.19	38.34 -0.22 -1.17	43.23 -0.49 0.69	35.47 -0.47 0.36	33.78 -0.45 0.32	30.97 -0.38 0.24	28.47 -0.35 0.02	26.03 -0.26 -0.14
PUCKETT___SOLAR 323809	28.57 0.38 -1.35	25.63 0.34 -2.78	24.81 0.37 -2.93	24.57 0.34 -2.93	25.39 0.40 -2.95	28.93 0.50 -2.03	37.04 0.75 -0.65	41.98 1.08 -2.11	40.04 0.99 -2.27	35.08 0.81 -1.94	33.87 0.76 -2.71	31.66 0.66 -2.22	31.22 0.60 -2.19	31.31 0.60 -1.98	32.32 0.65 -1.89	35.65 0.77 -4.18	41.18 1.01 -2.79	44.78 1.12 -6.26	44.68 0.98 0.70	37.11 0.80 0.00	36.00 0.73 -0.72	32.88 0.60 -0.69	30.50 0.40 -1.25	28.15 0.37 -1.63
PYRITES___HYD 24023	26.65 -0.30 -0.11	22.50 -0.23 -0.22	21.24 -0.52 -0.23	21.10 -0.43 -0.23	21.41 -0.86 -0.23	25.72 -0.84 -0.16	35.23 -0.46 -0.05	37.94 -1.01 -0.17	35.53 -1.43 -0.18	30.71 -1.78 -0.16	22.81 -1.76 5.82	10.67 -1.70 16.40	8.99 -1.68 17.77	8.25 -1.72 18.75	8.51 -1.76 19.51	8.81 -1.81 20.08	10.47 -2.21 24.71	11.06 -2.28 24.05	12.01 -2.71 29.69	9.94 -2.14 24.22	10.39 -2.00 22.16	9.63 -1.99 19.97	8.10 -2.02 18.73	7.50 -1.88 16.77
QUAKERRD_115KV_BK1 80622	25.97 -1.34 -0.47	22.36 -1.13 -0.97	21.47 -1.08 -1.02	21.30 -1.02 -1.02	22.04 -1.04 -1.03	25.93 -1.21 -0.74	33.96 -1.92 -0.23	37.30 -2.25 -0.76	35.40 -2.21 -0.82	31.26 -1.78 -0.71	29.71 -1.67 -0.99	28.06 -1.53 -0.81	27.73 -1.51 -0.79	27.92 -1.52 -0.72	28.88 -1.58 -0.68	30.57 -1.66 -1.52	36.38 -2.02 -1.01	37.54 -2.13 -2.27	41.47 -2.93 0.00	34.06 -2.51 -0.26	32.46 -2.35 -0.26	29.80 -2.08 -0.30	27.71 -1.67 -0.54	25.54 -1.28 -0.68
QUEENSBRY_115KV_TB8 356137	32.61 1.13 -4.63	32.99 0.92 -9.55	32.45 0.86 -10.07	32.25 0.87 -10.08	33.17 0.97 -10.16	34.72 1.24 -7.07	39.76 1.85 -2.26	48.26 2.13 -7.34	46.76 2.10 -7.88	40.79 1.71 -6.75	41.45 1.61 -9.44	38.05 1.55 -7.72	37.54 1.48 -7.62	37.04 1.41 -6.90	37.61 1.25 -6.58	46.54 1.26 -14.57	48.76 1.64 -9.73	60.95 1.72 -21.83	47.89 2.00 -1.49	42.24 1.49 -4.44	38.86 1.45 -2.86	35.65 1.20 -2.86	35.18 1.15 -5.18	34.38 1.57 -6.66
RAMAPO___LBMP 323565	32.23 1.45 -3.94	31.82 1.19 -8.12	31.19 1.12 -8.55	30.95 1.09 -8.57	31.81 1.15 -8.63	33.84 1.43 -6.01	39.81 2.25 -1.92	47.50 2.48 -6.23	45.90 2.43 -6.69	40.19 2.13 -5.73	40.45 2.04 -8.02	37.26 1.93 -6.56	36.84 1.93 -6.47	36.54 1.95 -5.86	37.39 2.02 -5.59	45.17 2.09 -12.37	48.15 2.50 -8.26	58.47 2.54 -18.53	53.38 2.71 -6.27	47.39 2.25 -8.83	38.95 2.14 -2.26	35.95 1.93 -2.43	34.88 1.64 -4.40	33.20 1.39 -5.66
RANKINE____ 23646	25.52 -1.96 -0.64	22.21 -1.62 -1.32	21.39 -1.53 -1.39	21.14 -1.55 -1.39	21.81 -1.63 -1.41	25.17 -2.03 -0.80	32.98 -2.92 -0.26	36.36 -3.26 -0.83	34.48 -3.20 -0.89	30.38 -2.72 -0.77	28.94 -2.52 -1.07	27.26 -2.39 -0.88	26.94 -2.36 -0.86	27.12 -2.38 -0.78	28.02 -2.50 -0.75	29.74 -2.61 -1.64	35.27 -3.22 -1.10	36.64 -3.22 -2.46	40.18 -4.22 0.01	32.95 -3.63 -0.28	31.44 -3.39 -0.27	28.86 -3.06 -0.34	26.91 -2.54 -0.61	25.03 -2.04 -0.92
RAVENSWOOD_GT2_1 24244	32.65 1.80 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.34 1.32 -8.73	32.20 1.37 -8.79	34.21 1.69 -6.12	40.17 2.57 -1.95	47.93 2.79 -6.35	46.39 2.80 -6.81	40.69 2.52 -5.84	40.96 2.40 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.77 2.46 -12.60	48.75 2.95 -8.41	59.12 2.84 -18.88	52.47 3.15 -4.91	46.52 2.72 -7.49	39.44 2.56 -2.33	36.40 2.34 -2.47	35.34 2.02 -4.48	33.61 1.70 -5.77



RAVENSWOOD_GT_9 24257	32.65 1.80 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.32 1.30 -8.73	32.20 1.37 -8.79	34.21 1.69 -6.12	40.17 2.57 -1.95	47.93 2.79 -6.35	46.39 2.80 -6.81	40.69 2.52 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.77 2.46 -12.60	48.79 2.99 -8.41	59.16 2.88 -18.88	52.51 3.20 -4.91	46.52 2.72 -7.49	39.44 2.56 -2.33	36.40 2.34 -2.47	35.34 2.02 -4.48	33.61 1.70 -5.77
RAVENSWOOD___1 23533	32.82 1.96 -4.02	32.35 1.58 -8.27	31.68 1.44 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.17 2.57 -1.95	47.93 2.79 -6.35	46.36 2.76 -6.81	40.69 2.52 -5.84	40.99 2.43 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.08 2.38 -5.97	37.88 2.41 -5.69	45.77 2.46 -12.60	48.79 2.99 -8.41	59.12 2.84 -18.88	52.69 3.37 -4.91	46.55 2.76 -7.49	39.40 2.52 -2.33	36.09 2.28 -2.23	34.98 2.10 -4.03	33.14 1.80 -5.19
RAVENSWOOD___2 23534	32.80 1.93 -4.02	32.35 1.58 -8.27	31.68 1.44 -8.71	31.43 1.41 -8.73	32.31 1.48 -8.79	34.32 1.80 -6.12	40.13 2.53 -1.95	47.89 2.75 -6.35	46.36 2.76 -6.81	40.69 2.52 -5.84	40.99 2.43 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.77 2.46 -12.60	48.79 2.99 -8.41	59.08 2.81 -18.88	52.65 3.33 -4.91	46.55 2.76 -7.49	39.40 2.52 -2.33	36.09 2.28 -2.23	34.98 2.10 -4.03	33.14 1.80 -5.19
RAVENSWOOD___3 23535	32.68 1.83 -4.01	32.24 1.46 -8.27	31.59 1.36 -8.71	31.34 1.32 -8.73	32.22 1.39 -8.79	34.24 1.72 -6.12	40.17 2.57 -1.95	47.93 2.79 -6.35	46.39 2.79 -6.81	40.69 2.52 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.77 2.46 -12.60	48.79 2.99 -8.41	59.16 2.88 -18.88	52.65 3.33 -4.91	46.52 2.72 -7.49	39.40 2.52 -2.33	36.09 2.28 -2.23	34.89 2.02 -4.03	33.04 1.70 -5.19
RAVENSWOOD___4 23820	32.80 1.93 -4.02	32.35 1.58 -8.27	31.68 1.44 -8.71	31.41 1.38 -8.73	32.28 1.45 -8.79	34.29 1.77 -6.12	40.13 2.53 -1.95	47.89 2.75 -6.35	46.36 2.76 -6.81	40.69 2.52 -5.84	40.96 2.40 -8.17	37.78 2.33 -6.68	37.36 2.33 -6.59	37.05 2.36 -5.97	37.88 2.41 -5.69	45.77 2.46 -12.60	48.79 2.99 -8.41	59.08 2.81 -18.88	52.65 3.33 -4.91	46.52 2.72 -7.49	39.37 2.49 -2.33	36.09 2.28 -2.23	34.98 2.10 -4.03	33.14 1.80 -5.19
RCPL_TRUST___DRP 24196	32.65 1.80 -4.01	32.22 1.44 -8.27	31.59 1.36 -8.71	31.32 1.30 -8.72	32.20 1.37 -8.79	34.21 1.69 -6.12	40.24 2.64 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.75 2.59 -5.84	41.02 2.46 -8.17	37.81 2.36 -6.68	37.39 2.36 -6.59	37.08 2.38 -5.97	37.91 2.44 -5.69	45.80 2.49 -12.60	48.82 3.03 -8.41	59.19 2.92 -18.88	52.57 3.24 -4.92	46.56 2.76 -7.50	39.47 2.59 -2.33	36.40 2.34 -2.47	35.34 2.02 -4.48	33.61 1.70 -5.77
RED___ROCHESTER 323720	26.50 -0.83 -0.48	22.79 -0.72 -1.00	21.91 -0.67 -1.05	21.73 -0.62 -1.05	22.46 -0.64 -1.06	26.45 -0.71 -0.75	34.57 -1.32 -0.24	37.94 -1.63 -0.79	36.01 -1.62 -0.84	31.79 -1.26 -0.72	30.22 -1.19 -1.01	28.57 -1.03 -0.83	28.23 -1.02 -0.81	28.43 -1.03 -0.74	29.40 -1.07 -0.70	31.13 -1.14 -1.55	37.04 -1.38 -1.04	38.23 -1.50 -2.33	42.09 -2.31 0.00	34.62 -1.96 -0.27	33.06 -1.76 -0.27	30.29 -1.55 -0.25	28.12 -1.18 -0.46	25.94 -0.78 -0.58
REGAN___SOLAR 323812	33.12 1.34 -4.94	33.81 1.13 -10.18	33.34 1.10 -10.72	33.12 1.09 -10.74	34.05 1.19 -10.82	35.47 1.53 -7.53	40.37 2.32 -2.41	49.24 2.64 -7.82	47.60 2.43 -8.39	41.39 1.87 -7.19	42.09 1.64 -10.05	38.41 1.41 -8.22	37.80 1.25 -8.11	37.40 1.32 -7.35	38.24 1.46 -7.01	47.94 1.72 -15.52	49.99 2.24 -10.36	63.07 2.43 -23.24	48.46 2.88 -1.17	42.80 2.18 -4.31	39.67 2.07 -3.05	36.37 1.86 -2.91	35.64 1.53 -5.27	34.24 1.31 -6.79
RENSSELAER___COGEN 23796	31.84 0.48 -4.51	32.20 0.38 -9.30	31.71 0.39 -9.80	31.50 0.38 -9.82	32.31 0.37 -9.89	33.77 0.48 -6.89	38.52 0.68 -2.20	46.67 0.74 -7.15	44.98 0.51 -7.68	39.32 0.42 -6.57	39.99 0.39 -9.20	36.67 0.37 -7.52	36.23 0.37 -7.42	36.02 0.57 -6.72	36.78 0.60 -6.41	45.52 0.61 -14.20	47.65 0.79 -9.48	59.45 0.79 -21.27	46.90 0.84 -1.65	41.52 0.69 -4.53	37.97 0.65 -2.77	34.80 0.57 -2.65	34.09 0.46 -4.79	32.70 0.39 -6.16
REPUBLIC_115KV_BARTNBRK 55605	33.68 2.20 -4.63	33.90 1.85 -9.55	33.33 1.74 -10.06	33.12 1.75 -10.08	34.13 1.94 -10.15	35.91 2.43 -7.07	41.47 3.56 -2.26	50.19 4.07 -7.34	48.63 3.97 -7.88	42.34 3.27 -6.74	42.84 3.01 -9.44	39.34 2.85 -7.72	38.73 2.67 -7.62	38.21 2.59 -6.90	38.85 2.50 -6.58	47.85 2.58 -14.57	50.51 3.40 -9.72	62.85 3.63 -21.82	50.24 4.35 -1.49	44.02 3.27 -4.45	40.58 3.18 -2.85	37.10 2.65 -2.86	36.38 2.37 -5.18	35.37 2.56 -6.66
REVERE_CPDR_DRP 24186	27.67 0.62 -0.21	23.49 0.54 -0.44	22.52 0.54 -0.46	22.25 0.49 -0.46	23.04 0.53 -0.47	27.47 0.74 -0.33	36.78 1.03 -0.10	40.52 1.40 -0.34	38.48 1.32 -0.37	33.68 1.03 -0.31	31.38 0.97 -0.01	28.83 0.86 0.81	28.35 0.82 0.92	28.60 0.89 1.02	29.64 0.95 1.08	30.92 0.98 0.77	37.38 1.31 1.31	38.06 1.38 0.72	43.87 1.55 2.09	35.94 1.23 1.60	34.27 1.17 1.45	31.26 0.95 1.28	28.42 0.66 1.09	25.84 0.58 0.88
REYNOLDS_115KV_TB3 80639	32.12 0.75 -4.52	32.46 0.63 -9.32	31.92 0.58 -9.82	31.71 0.58 -9.84	32.54 0.60 -9.91	34.05 0.74 -6.90	38.88 1.03 -2.20	47.07 1.12 -7.16	45.72 1.25 -7.69	40.04 1.13 -6.58	40.67 1.06 -9.21	37.31 1.01 -7.53	36.90 1.02 -7.43	36.35 0.89 -6.73	37.09 0.89 -6.42	45.81 0.89 -14.22	48.00 1.12 -9.49	59.81 1.12 -21.30	47.32 1.24 -1.68	41.88 1.02 -4.56	38.29 0.97 -2.77	35.23 0.85 -2.79	34.62 0.72 -5.05	33.30 0.65 -6.50
RIVERBAY____ 323610	33.04 2.17 -4.02	32.56 1.78 -8.27	31.85 1.61 -8.71	31.58 1.55 -8.73	32.44 1.61 -8.79	34.40 1.87 -6.12	40.13 2.53 -1.95	47.89 2.75 -6.35	46.32 2.72 -6.81	40.66 2.49 -5.84	40.93 2.37 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.74 2.43 -12.60	48.68 2.88 -8.41	59.08 2.80 -18.88	52.42 3.11 -4.91	46.48 2.69 -7.49	39.37 2.49 -2.33	36.37 2.31 -2.47	35.43 2.11 -4.48	33.82 1.91 -5.77
RIVERSDE_115KV_TB3 55908	32.02 0.64 -4.53	32.36 0.52 -9.33	31.85 0.50 -9.84	31.64 0.49 -9.85	32.45 0.48 -9.93	33.95 0.63 -6.91	38.67 0.82 -2.21	46.86 0.89 -7.18	45.34 0.85 -7.71	39.67 0.74 -6.60	40.33 0.70 -9.24	37.02 0.69 -7.55	36.55 0.65 -7.46	36.17 0.69 -6.75	36.99 0.77 -6.44	45.73 0.77 -14.26	47.87 0.97 -9.52	59.73 0.97 -21.36	47.12 1.07 -1.65	41.71 0.87 -4.53	38.16 0.83 -2.78	35.14 0.76 -2.80	34.51 0.61 -5.06	33.18 0.52 -6.51
ROARING___BROOK_WT_PWR 323790	26.17 -0.67 0.00	21.90 -0.61 0.00	20.81 -0.71 0.00	20.62 -0.68 0.00	21.16 -0.88 0.00	25.37 -1.03 0.00	34.47 -1.18 0.00	37.27 -1.51 0.00	35.20 -1.58 0.00	30.78 -1.55 0.00	20.27 -1.52 8.61	3.68 -1.47 23.62	1.43 -1.45 25.56	0.33 -1.46 26.93	0.28 -1.49 28.01	0.06 -1.56 29.08	0.00 -1.87 35.52	0.64 -1.95 34.81	0.00 -2.31 42.09	0.01 -1.89 34.41	1.27 -1.80 31.48	1.51 -1.68 28.41	0.60 -1.53 26.71	0.75 -1.41 23.98

ROCHESRG_115KV_T4 355643	26.30 -1.02 -0.48	22.64 -0.86 -0.99	21.75 -0.82 -1.04	21.58 -0.77 -1.04	22.30 -0.79 -1.05	26.23 -0.92 -0.75	34.28 -1.60 -0.24	37.63 -1.94 -0.78	35.68 -1.95 -0.84	31.50 -1.55 -0.72	29.94 -1.46 -1.01	28.28 -1.32 -0.83	27.94 -1.31 -0.81	28.14 -1.32 -0.73	29.11 -1.37 -0.70	30.79 -1.47 -1.55	36.63 -1.79 -1.04	37.78 -1.94 -2.33	41.65 -2.75 0.00	34.22 -2.36 -0.27	32.60 -2.21 -0.27	30.00 -1.90 -0.30	27.98 -1.41 -0.55	25.85 -0.99 -0.69
ROCHESTER_9_IC 23652	26.41 -0.91 -0.48	22.72 -0.79 -1.00	21.84 -0.73 -1.05	21.67 -0.68 -1.05	22.39 -0.71 -1.06	26.37 -0.79 -0.75	34.46 -1.43 -0.24	37.82 -1.75 -0.78	35.86 -1.77 -0.84	31.66 -1.39 -0.72	30.10 -1.31 -1.01	28.42 -1.18 -0.83	28.09 -1.17 -0.81	28.31 -1.15 -0.74	29.28 -1.19 -0.70	30.97 -1.29 -1.55	36.85 -1.57 -1.04	38.00 -1.72 -2.33	41.96 -2.44 0.00	34.43 -2.14 -0.27	32.81 -2.00 -0.27	30.16 -1.74 -0.30	28.09 -1.30 -0.55	25.96 -0.89 -0.70
ROCKVIEW_13_KV_LD 356306	32.57 1.72 -4.01	32.17 1.40 -8.27	31.55 1.31 -8.71	31.28 1.26 -8.72	32.15 1.32 -8.79	34.19 1.66 -6.12	40.20 2.60 -1.95	47.96 2.83 -6.35	46.43 2.83 -6.81	40.69 2.52 -5.84	40.96 2.40 -8.17	37.76 2.30 -6.68	37.33 2.30 -6.59	37.02 2.33 -5.97	37.85 2.38 -5.69	45.77 2.46 -12.60	48.75 2.95 -8.41	59.19 2.92 -18.88	52.56 3.24 -4.92	46.56 2.76 -7.49	39.47 2.59 -2.33	36.43 2.37 -2.47	35.34 2.02 -4.48	33.59 1.67 -5.77
ROME_____115KV_TB2 80656	27.67 0.62 -0.21	23.49 0.54 -0.44	22.52 0.54 -0.46	22.25 0.49 -0.46	23.04 0.53 -0.47	27.47 0.74 -0.33	36.78 1.03 -0.10	40.52 1.40 -0.34	38.48 1.32 -0.37	33.68 1.03 -0.31	31.38 0.97 -0.01	28.83 0.86 0.81	28.35 0.82 0.92	28.60 0.89 1.02	29.64 0.95 1.08	30.92 0.98 0.77	37.38 1.31 1.31	38.06 1.38 0.72	43.87 1.55 2.09	35.94 1.23 1.60	34.27 1.17 1.45	31.26 0.95 1.28	28.42 0.66 1.09	25.84 0.58 0.88
ROSETON___1 23587	32.25 1.39 -4.01	31.90 1.13 -8.26	31.28 1.05 -8.71	31.04 1.02 -8.72	31.91 1.08 -8.79	33.87 1.35 -6.12	39.63 2.03 -1.95	47.38 2.25 -6.35	45.80 2.21 -6.81	40.14 1.97 -5.83	40.44 1.89 -8.16	37.24 1.78 -6.68	36.82 1.79 -6.59	36.50 1.81 -5.97	37.34 1.88 -5.69	45.21 1.90 -12.60	48.11 2.32 -8.41	58.55 2.28 -18.87	50.97 2.57 -4.00	44.94 2.11 -6.53	38.85 1.97 -2.33	35.55 1.74 -2.23	34.40 1.53 -4.03	32.65 1.31 -5.19
ROSETON___2 23588	32.25 1.39 -4.01	31.90 1.13 -8.26	31.28 1.05 -8.71	31.04 1.02 -8.72	31.91 1.08 -8.79	33.87 1.35 -6.12	39.63 2.03 -1.95	47.38 2.25 -6.35	45.80 2.21 -6.81	40.14 1.97 -5.83	40.44 1.89 -8.16	37.24 1.78 -6.68	36.82 1.79 -6.59	36.50 1.81 -5.97	37.34 1.88 -5.69	45.21 1.90 -12.60	48.11 2.32 -8.41	58.55 2.28 -18.87	50.97 2.57 -4.00	44.94 2.11 -6.53	38.85 1.97 -2.33	35.55 1.74 -2.23	34.40 1.53 -4.03	32.65 1.31 -5.19
ROTRDAM_115KV_TB3 80664	32.27 0.75 -4.67	32.77 0.63 -9.63	32.27 0.60 -10.15	32.06 0.60 -10.16	32.92 0.64 -10.24	34.30 0.77 -7.13	39.03 1.11 -2.28	47.43 1.24 -7.40	45.91 1.18 -7.94	40.10 0.97 -6.80	40.83 0.91 -9.52	37.42 0.86 -7.79	36.95 0.82 -7.68	36.52 0.83 -6.96	37.27 0.86 -6.64	46.32 0.92 -14.69	48.35 1.16 -9.81	60.61 1.20 -22.01	47.10 1.29 -1.41	41.75 1.05 -4.39	38.44 1.00 -2.88	35.36 0.88 -2.88	34.84 0.78 -5.22	33.60 0.73 -6.72
RUSSELL___1 23602	26.50 -0.83 -0.48	22.79 -0.72 -1.00	21.91 -0.67 -1.05	21.73 -0.62 -1.05	22.46 -0.64 -1.06	26.45 -0.71 -0.75	34.57 -1.32 -0.24	37.98 -1.59 -0.78	36.01 -1.62 -0.84	31.79 -1.26 -0.72	30.22 -1.19 -1.01	28.57 -1.04 -0.83	28.23 -1.02 -0.81	28.43 -1.03 -0.74	29.40 -1.07 -0.70	31.12 -1.14 -1.55	37.04 -1.38 -1.04	38.23 -1.50 -2.33	42.23 -2.18 0.00	34.62 -1.96 -0.27	32.98 -1.83 -0.27	30.28 -1.61 -0.30	28.21 -1.18 -0.55	26.06 -0.78 -0.70
RUSSELL___2 23532	26.50 -0.83 -0.48	22.79 -0.72 -1.00	21.91 -0.67 -1.05	21.73 -0.62 -1.05	22.46 -0.64 -1.06	26.45 -0.71 -0.75	34.57 -1.32 -0.24	37.98 -1.59 -0.78	36.01 -1.62 -0.84	31.79 -1.26 -0.72	30.22 -1.19 -1.01	28.57 -1.04 -0.83	28.23 -1.02 -0.81	28.43 -1.03 -0.74	29.40 -1.07 -0.70	31.12 -1.14 -1.55	37.04 -1.38 -1.04	38.23 -1.50 -2.33	42.23 -2.18 0.00	34.62 -1.96 -0.27	32.98 -1.83 -0.27	30.28 -1.61 -0.30	28.21 -1.18 -0.55	26.06 -0.78 -0.70
RUSSELL___3 23549	26.50 -0.83 -0.48	22.79 -0.72 -1.00	21.91 -0.67 -1.05	21.73 -0.62 -1.05	22.46 -0.64 -1.06	26.45 -0.71 -0.75	34.57 -1.32 -0.24	37.98 -1.59 -0.78	36.01 -1.62 -0.84	31.79 -1.26 -0.72	30.22 -1.19 -1.01	28.57 -1.04 -0.83	28.23 -1.02 -0.81	28.43 -1.03 -0.74	29.40 -1.07 -0.70	31.12 -1.14 -1.55	37.04 -1.38 -1.04	38.23 -1.50 -2.33	42.23 -2.18 0.00	34.62 -1.96 -0.27	32.98 -1.83 -0.27	30.28 -1.61 -0.30	28.21 -1.18 -0.55	26.06 -0.78 -0.70
RUSSELL___4 23556	26.50 -0.83 -0.48	22.79 -0.72 -1.00	21.91 -0.67 -1.05	21.73 -0.62 -1.05	22.46 -0.64 -1.06	26.45 -0.71 -0.75	34.57 -1.32 -0.24	37.98 -1.59 -0.78	36.01 -1.62 -0.84	31.79 -1.26 -0.72	30.22 -1.19 -1.01	28.57 -1.04 -0.83	28.23 -1.02 -0.81	28.43 -1.03 -0.74	29.40 -1.07 -0.70	31.12 -1.14 -1.55	37.04 -1.38 -1.04	38.23 -1.50 -2.33	42.23 -2.18 0.00	34.62 -1.96 -0.27	32.98 -1.83 -0.27	30.28 -1.61 -0.30	28.21 -1.18 -0.55	26.06 -0.78 -0.70
RUSSELL___STATION 23914	26.50 -0.83 -0.48	22.79 -0.72 -1.00	21.91 -0.67 -1.05	21.73 -0.62 -1.05	22.46 -0.64 -1.06	26.45 -0.71 -0.75	34.57 -1.32 -0.24	37.98 -1.59 -0.78	36.01 -1.62 -0.84	31.79 -1.26 -0.72	30.22 -1.19 -1.01	28.57 -1.04 -0.83	28.23 -1.02 -0.81	28.43 -1.03 -0.74	29.40 -1.07 -0.70	31.12 -1.14 -1.55	37.04 -1.38 -1.04	38.23 -1.50 -2.33	42.23 -2.18 0.00	34.62 -1.96 -0.27	32.98 -1.83 -0.27	30.28 -1.61 -0.30	28.21 -1.18 -0.55	26.06 -0.78 -0.70
S SALMON___HYD 24043	26.66 -0.48 -0.30	22.72 -0.40 -0.61	21.78 -0.39 -0.65	21.54 -0.41 -0.65	22.30 -0.40 -0.65	26.41 -0.45 -0.45	35.19 -0.61 -0.15	38.76 -0.51 -0.49	36.79 -0.52 -0.52	32.29 -0.48 -0.45	29.93 -0.49 -0.02	27.14 -0.49 1.15	26.63 -0.51 1.30	26.76 -0.52 1.44	27.73 -0.51 1.54	29.11 -0.49 1.10	34.96 -0.56 1.86	35.73 -0.52 1.14	40.53 -0.80 3.08	33.33 -0.62 2.36	31.85 -0.55 2.14	29.16 -0.51 1.93	26.61 -0.55 1.68	24.25 -0.50 1.41
S.PERRY__115KV_TB1 80734	27.02 -0.51 -0.69	23.46 -0.47 -1.42	22.57 -0.45 -1.50	22.42 -0.38 -1.50	23.18 -0.37 -1.51	27.04 -0.37 -1.00	35.25 -0.71 -0.32	39.09 -0.74 -1.04	36.95 -0.96 -1.12	32.35 -0.94 -0.96	30.79 -0.94 -1.34	28.89 -0.98 -1.10	28.52 -1.00 -1.08	28.70 -1.01 -0.98	29.69 -1.01 -0.93	31.82 -0.95 -2.06	37.83 -0.93 -1.38	39.70 -0.79 -3.09	43.25 -1.15 0.00	35.50 -1.16 -0.36	33.80 -1.11 -0.35	30.96 -1.04 -0.41	28.72 -0.87 -0.74	26.54 -0.60 -0.99
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.53 -1.93 -0.62	22.18 -1.60 -1.27	21.33 -1.53 -1.34	21.13 -1.51 -1.34	21.78 -1.61 -1.35	25.17 -1.98 -0.75	32.89 -2.99 -0.24	36.07 -3.49 -0.77	34.13 -3.49 -0.83	30.17 -2.88 -0.72	28.69 -2.71 -1.00	27.09 -2.50 -0.82	26.74 -2.50 -0.80	26.93 -2.53 -0.73	27.82 -2.65 -0.70	29.41 -2.83 -1.53	34.90 -3.51 -1.03	36.10 -3.59 -2.29	39.60 -4.80 0.01	32.53 -4.03 -0.26	31.04 -3.77 -0.25	28.62 -3.29 -0.32	26.79 -2.62 -0.57	25.05 -1.99 -0.89



SITHE___BATAVIA 24024	26.19 -1.21 -0.55	22.59 -1.06 -1.13	21.75 -0.97 -1.20	21.58 -0.92 -1.20	22.28 -0.97 -1.21	26.02 -1.13 -0.75	34.07 -1.82 -0.24	37.35 -2.21 -0.78	35.41 -2.21 -0.83	31.23 -1.81 -0.71	29.66 -1.73 -1.00	28.01 -1.58 -0.82	27.65 -1.59 -0.80	27.87 -1.58 -0.73	28.83 -1.64 -0.69	30.52 -1.72 -1.53	36.35 -2.06 -1.02	37.56 -2.13 -2.29	41.29 -3.11 0.00	33.92 -2.65 -0.26	32.39 -2.42 -0.26	29.73 -2.12 -0.25	27.59 -1.70 -0.45	25.63 -1.18 -0.66
SITHE___INDEPEND 23800	26.38 -0.72 -0.26	22.44 -0.61 -0.53	21.50 -0.58 -0.56	21.29 -0.58 -0.56	22.03 -0.57 -0.57	26.11 -0.69 -0.40	34.74 -1.03 -0.13	38.07 -1.12 -0.41	36.16 -1.07 -0.44	31.77 -0.94 -0.37	30.07 -0.85 -0.52	28.40 -0.81 -0.43	28.07 -0.80 -0.43	28.31 -0.80 -0.39	29.31 -0.83 -0.37	30.66 -0.86 -0.82	36.88 -1.05 -0.54	37.57 -1.05 -1.22	43.03 -1.38 0.00	35.28 -1.16 -0.14	33.58 -1.11 -0.14	30.77 -0.98 -0.16	28.30 -0.84 -0.29	25.82 -0.71 -0.37
SITHE___MASSENA 23902	26.26 -0.67 -0.08	22.12 -0.56 -0.17	20.86 -0.84 -0.18	20.75 -0.72 -0.18	21.05 -1.17 -0.18	25.24 -1.29 -0.13	34.47 -1.21 -0.04	36.98 -1.94 -0.13	34.65 -2.28 -0.14	30.09 -2.36 -0.12	20.95 -2.28 7.17	6.64 -2.13 20.00	4.68 -2.10 21.65	3.76 -2.13 22.84	3.78 -2.23 23.76	3.87 -2.30 24.54	4.32 -2.95 30.11	4.98 -3.03 29.39	4.70 -3.68 36.01	3.93 -2.98 29.40	4.86 -2.80 26.90	4.73 -2.59 24.27	3.60 -2.45 22.79	3.46 -2.25 20.44
SITHE___OGDNSBRG 24021	26.59 -0.35 -0.10	22.44 -0.27 -0.20	21.18 -0.56 -0.22	21.04 -0.47 -0.22	21.35 -0.90 -0.22	25.63 -0.92 -0.15	35.09 -0.61 -0.05	37.74 -1.20 -0.16	35.26 -1.69 -0.17	30.51 -1.97 -0.15	22.20 -1.98 6.22	9.44 -1.87 17.47	7.68 -1.85 18.91	6.90 -1.87 19.96	7.07 -1.94 20.77	7.34 -1.97 21.40	8.65 -2.43 26.31	9.37 -2.39 25.64	9.95 -2.89 31.57	8.29 -2.25 25.76	8.88 -2.11 23.56	8.26 -2.08 21.24	6.84 -2.08 19.92	6.37 -1.93 17.85
SITHE___STERLING 23777	27.57 0.48 -0.25	23.44 0.43 -0.51	22.49 0.43 -0.53	22.24 0.40 -0.53	23.02 0.44 -0.54	27.41 0.63 -0.38	36.62 0.85 -0.12	40.30 1.13 -0.39	38.28 1.07 -0.42	33.57 0.87 -0.36	31.46 0.82 -0.24	29.18 0.72 0.31	28.74 0.68 0.38	28.98 0.72 0.46	30.03 0.77 0.51	31.38 0.80 0.12	37.85 1.05 0.58	38.56 1.12 -0.04	44.20 1.15 1.35	36.27 0.94 0.98	34.56 0.90 0.88	31.55 0.76 0.79	28.75 0.55 0.64	26.13 0.47 0.49
SLEIGHT__34_KV_TB1 80719	26.51 -0.81 -0.48	22.79 -0.70 -0.98	21.89 -0.67 -1.03	21.71 -0.62 -1.04	22.49 -0.60 -1.04	26.51 -0.63 -0.74	34.78 -1.11 -0.24	38.35 -1.20 -0.77	36.44 -1.18 -0.83	32.14 -0.91 -0.71	30.54 -0.85 -0.99	28.81 -0.78 -0.81	28.47 -0.77 -0.80	28.67 -0.78 -0.72	29.66 -0.80 -0.69	31.40 -0.83 -1.52	37.39 -1.01 -1.02	38.60 -1.08 -2.28	42.76 -1.64 0.00	35.08 -1.49 -0.26	33.39 -1.42 -0.26	30.66 -1.23 -0.30	28.37 -1.01 -0.54	26.10 -0.73 -0.68
SOUTH CAIRO___GT 23612	32.04 0.83 -4.37	32.16 0.65 -9.00	31.63 0.62 -9.48	31.43 0.64 -9.50	32.31 0.71 -9.57	33.94 0.87 -6.66	39.09 1.32 -2.13	47.17 1.47 -6.91	45.42 1.21 -7.42	39.43 0.74 -6.35	39.83 0.55 -8.89	36.48 0.43 -7.27	35.99 0.37 -7.18	35.74 0.52 -6.50	36.63 0.66 -6.20	45.26 0.83 -13.72	47.85 1.31 -9.16	59.41 1.46 -20.56	48.58 2.13 -2.04	42.53 1.42 -4.81	38.61 1.42 -2.64	35.33 1.04 -2.70	34.59 0.87 -4.88	33.13 0.71 -6.28
SOUTH HAMPTN___IC 23720	32.95 2.10 -4.01	32.29 1.51 -8.27	31.61 1.38 -8.71	31.24 1.21 -8.73	32.06 1.23 -8.79	34.82 2.30 -6.12	41.51 3.78 -2.08	48.43 3.29 -6.35	47.02 3.42 -6.81	43.13 3.33 -7.47	40.54 1.97 -8.18	37.98 1.98 -7.22	37.00 1.96 -6.60	36.68 1.98 -5.98	44.28 2.98 -11.53	46.17 2.86 -12.60	48.97 3.18 -8.41	59.72 3.44 -18.89	53.26 3.95 -4.91	47.13 3.34 -7.49	45.40 3.18 -7.67	43.16 2.94 -8.63	35.33 2.45 -4.03	33.28 1.93 -5.19
SOUTHDOW_115KV_TB1 355954	25.68 -1.85 -0.69	22.33 -1.60 -1.42	21.53 -1.49 -1.49	21.26 -1.53 -1.50	21.87 -1.67 -1.51	25.21 -2.09 -0.89	33.15 -2.78 -0.29	36.83 -2.87 -0.92	34.94 -2.83 -0.99	30.63 -2.55 -0.85	29.24 -2.34 -1.19	27.41 -2.33 -0.97	27.03 -2.36 -0.95	27.29 -2.30 -0.86	28.19 -2.41 -0.82	30.04 -2.49 -1.82	35.61 -2.99 -1.22	37.39 -2.73 -2.72	40.89 -3.51 0.01	33.53 -3.09 -0.31	31.95 -2.90 -0.30	29.15 -2.81 -0.37	27.00 -2.51 -0.67	24.96 -2.17 -0.99
SOUTHOLD_69_KV_BK 2 55809	33.32 2.47 -4.01	32.56 1.78 -8.27	32.13 1.89 -8.71	31.41 1.38 -8.73	32.20 1.37 -8.79	34.85 2.32 -6.12	41.72 3.99 -2.08	48.51 3.37 -6.35	47.02 3.42 -6.81	43.10 3.30 -7.47	40.42 1.85 -8.18	37.95 1.96 -7.22	36.95 1.91 -6.60	36.63 1.92 -5.98	44.16 2.86 -11.53	45.92 2.61 -12.60	48.83 3.03 -8.41	59.65 3.37 -18.89	52.95 3.64 -4.91	46.95 3.16 -7.49	45.23 3.01 -7.67	43.31 2.84 -8.88	35.54 2.22 -4.48	33.75 1.83 -5.77
SOUTHOLD___IC 23719	33.32 2.47 -4.01	32.56 1.78 -8.27	31.87 1.63 -8.71	31.45 1.43 -8.73	32.24 1.41 -8.79	34.93 2.40 -6.12	41.58 3.85 -2.08	48.47 3.34 -6.35	47.02 3.42 -6.81	43.10 3.30 -7.47	40.42 1.85 -8.18	37.95 1.96 -7.22	36.95 1.91 -6.60	36.63 1.92 -5.98	44.16 2.86 -11.53	45.98 2.67 -12.60	48.82 3.03 -8.41	59.65 3.37 -18.89	53.08 3.77 -4.91	46.95 3.16 -7.49	45.20 2.97 -7.67	42.97 2.75 -8.63	35.10 2.22 -4.03	33.17 1.83 -5.19
SOUTH_FORK_WT_PWR 323839	33.35 2.50 -4.01	32.60 1.82 -8.27	31.89 1.66 -8.71	31.45 1.43 -8.73	32.22 1.39 -8.79	34.82 2.30 -6.12	41.33 3.60 -2.08	48.16 3.03 -6.35	46.65 3.05 -6.81	42.77 2.97 -7.47	40.00 1.43 -8.18	37.63 1.64 -7.22	36.63 1.59 -6.60	36.31 1.61 -5.98	43.83 2.53 -11.53	45.55 2.24 -12.60	48.30 2.51 -8.41	59.13 2.84 -18.89	52.51 3.20 -4.91	46.48 2.69 -7.49	44.74 2.52 -7.67	42.52 2.30 -8.63	34.69 1.82 -4.03	32.91 1.57 -5.19
SPIERFLS_115KV_TB 1 80737	32.45 0.97 -4.64	32.88 0.81 -9.56	32.34 0.75 -10.07	32.15 0.77 -10.09	33.06 0.86 -10.16	34.57 1.08 -7.08	39.51 1.60 -2.26	47.99 1.86 -7.34	46.51 1.84 -7.88	40.60 1.52 -6.75	41.24 1.40 -9.45	37.85 1.35 -7.73	37.37 1.31 -7.62	36.87 1.24 -6.91	37.43 1.07 -6.58	46.33 1.04 -14.58	48.46 1.35 -9.73	60.66 1.42 -21.84	47.53 1.64 -1.48	41.95 1.20 -4.44	38.62 1.21 -2.86	35.46 1.01 -2.86	35.00 0.98 -5.18	34.28 1.46 -6.67
ST LAWRENCE____ 23600	26.01 -0.91 -0.08	21.90 -0.77 -0.16	20.68 -1.01 -0.16	20.55 -0.92 -0.17	20.86 -1.35 -0.17	24.99 -1.53 -0.12	34.12 -1.57 -0.04	36.62 -2.29 -0.12	34.30 -2.61 -0.13	29.82 -2.62 -0.11	20.27 -2.55 7.57	5.35 -2.42 21.00	3.33 -2.36 22.74	2.32 -2.41 24.00	2.30 -2.50 24.97	2.29 -2.61 25.81	2.40 -3.36 31.62	3.32 -3.44 30.64	2.73 -4.18 37.50	2.31 -3.34 30.66	3.34 -3.18 28.03	3.35 -2.94 25.30	2.31 -2.71 23.82	2.27 -2.48 21.39
STATE_CA_115KV_115_LB 55624	31.99 0.59 -4.55	32.36 0.47 -9.38	31.88 0.47 -9.89	31.67 0.47 -9.90	32.48 0.46 -9.98	33.96 0.61 -6.95	38.68 0.82 -2.22	46.93 0.93 -7.21	45.34 0.81 -7.74	39.64 0.68 -6.63	40.34 0.67 -9.28	36.99 0.63 -7.59	36.52 0.60 -7.49	36.22 0.72 -6.78	37.01 0.77 -6.47	45.79 0.77 -14.32	47.91 0.97 -9.56	59.82 0.97 -21.45	47.07 1.07 -1.60	41.65 0.84 -4.50	38.17 0.83 -2.79	35.13 0.73 -2.81	34.53 0.61 -5.09	33.19 0.50 -6.54

STATE_ST_34_KV_LOAD 55959	27.22 -0.13 -0.51	23.43 -0.14 -1.06	22.51 -0.13 -1.11	22.31 -0.11 -1.12	23.12 -0.04 -1.12	27.16 -0.03 -0.78	35.82 -0.07 -0.25	39.71 0.12 -0.81	37.74 0.07 -0.88	33.15 0.06 -0.76	31.51 0.06 -1.06	29.67 0.03 -0.87	29.28 0.00 -0.84	29.49 0.00 -0.76	30.50 0.00 -0.73	32.38 0.06 -1.61	38.57 0.11 -1.08	40.00 0.19 -2.42	44.40 0.00 0.00	36.51 -0.07 -0.28	34.72 -0.10 -0.28	31.81 -0.09 -0.32	29.27 -0.14 -0.57	26.78 -0.10 -0.74
STATION 5_MISC_HYD 23604	26.41 -0.91 -0.48	22.72 -0.79 -1.00	21.84 -0.73 -1.05	21.67 -0.68 -1.05	22.39 -0.71 -1.06	26.34 -0.82 -0.75	34.46 -1.43 -0.24	37.79 -1.78 -0.79	35.86 -1.76 -0.84	31.66 -1.39 -0.72	30.10 -1.31 -1.01	28.42 -1.18 -0.83	28.08 -1.17 -0.81	28.31 -1.15 -0.74	29.28 -1.19 -0.70	30.97 -1.29 -1.55	36.85 -1.57 -1.04	38.00 -1.72 -2.33	41.83 -2.58 0.00	34.43 -2.14 -0.27	32.85 -1.97 -0.27	30.17 -1.68 -0.25	28.00 -1.30 -0.46	25.84 -0.89 -0.58
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.71 -0.62 -0.49	22.98 -0.54 -1.01	22.07 -0.52 -1.06	21.91 -0.45 -1.06	22.67 -0.44 -1.07	26.71 -0.45 -0.75	35.03 -0.86 -0.24	38.64 -0.93 -0.78	36.71 -0.92 -0.85	32.31 -0.74 -0.72	30.71 -0.70 -1.01	28.97 -0.63 -0.83	28.63 -0.63 -0.81	28.83 -0.63 -0.74	29.85 -0.63 -0.70	31.62 -0.64 -1.55	37.67 -0.75 -1.04	38.94 -0.79 -2.33	43.16 -1.24 0.00	35.38 -1.20 -0.27	33.68 -1.14 -0.27	30.85 -1.04 -0.30	28.56 -0.84 -0.55	26.28 -0.58 -0.70
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.30 -1.02 -0.48	22.65 -0.86 -0.99	21.75 -0.82 -1.04	21.58 -0.77 -1.05	22.32 -0.77 -1.05	26.25 -0.90 -0.75	34.35 -1.53 -0.24	37.74 -1.82 -0.78	35.78 -1.84 -0.84	31.59 -1.45 -0.72	30.06 -1.34 -1.00	28.39 -1.21 -0.82	28.05 -1.19 -0.80	28.25 -1.21 -0.73	29.22 -1.25 -0.70	30.93 -1.32 -1.54	36.81 -1.61 -1.03	37.95 -1.76 -2.31	41.92 -2.49 0.00	34.40 -2.18 -0.27	32.78 -2.04 -0.26	30.09 -1.80 -0.30	28.03 -1.36 -0.55	25.87 -0.97 -0.69
STA_56___34_KV_BUS2 355983	26.30 -1.02 -0.48	22.65 -0.86 -0.99	21.75 -0.82 -1.04	21.58 -0.77 -1.05	22.32 -0.77 -1.05	26.25 -0.90 -0.75	34.35 -1.53 -0.24	37.74 -1.82 -0.78	35.78 -1.84 -0.84	31.59 -1.45 -0.72	30.06 -1.34 -1.00	28.39 -1.21 -0.82	28.05 -1.19 -0.80	28.25 -1.21 -0.73	29.22 -1.25 -0.70	30.93 -1.32 -1.54	36.81 -1.61 -1.03	37.95 -1.76 -2.31	41.92 -2.49 0.00	34.40 -2.18 -0.27	32.78 -2.04 -0.26	30.09 -1.80 -0.30	28.03 -1.36 -0.55	25.87 -0.97 -0.69
STA_67___115KV_BK2 355882	26.36 -0.97 -0.48	22.70 -0.81 -1.00	21.80 -0.77 -1.05	21.63 -0.72 -1.05	22.37 -0.73 -1.06	26.31 -0.84 -0.75	34.39 -1.50 -0.24	37.74 -1.82 -0.78	35.79 -1.84 -0.84	31.60 -1.45 -0.72	30.04 -1.37 -1.01	28.36 -1.24 -0.83	28.03 -1.22 -0.81	28.25 -1.21 -0.74	29.20 -1.28 -0.70	30.91 -1.35 -1.55	36.78 -1.64 -1.04	37.93 -1.80 -2.33	41.83 -2.58 0.00	34.33 -2.25 -0.27	32.74 -2.07 -0.27	30.09 -1.80 -0.30	28.07 -1.33 -0.55	25.93 -0.92 -0.70
STA_7___115KV_9TRANS 80674	26.50 -0.83 -0.48	22.79 -0.72 -1.00	21.91 -0.67 -1.05	21.73 -0.62 -1.05	22.46 -0.64 -1.06	26.45 -0.71 -0.75	34.57 -1.32 -0.24	37.98 -1.59 -0.78	36.01 -1.62 -0.84	31.79 -1.26 -0.72	30.22 -1.19 -1.01	28.57 -1.04 -0.83	28.23 -1.02 -0.81	28.43 -1.03 -0.74	29.40 -1.07 -0.70	31.12 -1.14 -1.55	37.04 -1.38 -1.04	38.23 -1.50 -2.33	42.23 -2.18 0.00	34.62 -1.96 -0.27	32.98 -1.83 -0.27	30.28 -1.61 -0.30	28.21 -1.18 -0.55	26.06 -0.78 -0.70
STA_82___115KV_TB1 80780	26.39 -0.94 -0.49	22.70 -0.81 -1.00	21.83 -0.75 -1.06	21.65 -0.70 -1.06	22.38 -0.73 -1.07	26.31 -0.84 -0.75	34.39 -1.50 -0.24	37.74 -1.82 -0.78	35.79 -1.84 -0.84	31.60 -1.45 -0.72	30.04 -1.37 -1.01	28.39 -1.21 -0.83	28.06 -1.19 -0.81	28.25 -1.21 -0.74	29.23 -1.25 -0.70	30.91 -1.35 -1.55	36.78 -1.64 -1.04	37.93 -1.80 -2.33	41.87 -2.53 0.00	34.36 -2.21 -0.27	32.74 -2.07 -0.27	30.09 -1.80 -0.30	28.07 -1.33 -0.55	25.93 -0.92 -0.70
STEEL___WIND 323596	25.53 -1.96 -0.64	22.21 -1.62 -1.32	21.39 -1.53 -1.39	21.16 -1.53 -1.39	21.79 -1.65 -1.41	25.15 -2.06 -0.80	32.98 -2.92 -0.26	36.36 -3.26 -0.83	34.48 -3.20 -0.89	30.38 -2.72 -0.77	28.94 -2.52 -1.07	27.26 -2.39 -0.88	26.91 -2.39 -0.86	27.12 -2.38 -0.78	28.02 -2.50 -0.75	29.74 -2.61 -1.64	35.27 -3.22 -1.10	36.64 -3.22 -2.46	40.05 -4.35 0.01	32.95 -3.63 -0.28	31.44 -3.38 -0.27	28.86 -3.00 -0.27	26.79 -2.54 -0.49	24.88 -2.04 -0.77
STEPHTWN_115KV_BK_2 55603	32.08 0.72 -4.51	32.40 0.59 -9.30	31.91 0.58 -9.80	31.69 0.58 -9.82	32.53 0.60 -9.89	34.06 0.77 -6.89	38.95 1.11 -2.20	47.14 1.20 -7.15	45.45 0.99 -7.68	39.71 0.81 -6.57	40.35 0.76 -9.20	37.02 0.72 -7.52	36.55 0.68 -7.42	36.31 0.86 -6.72	37.11 0.92 -6.41	45.86 0.95 -14.20	48.09 1.23 -9.48	59.94 1.27 -21.27	47.52 1.47 -1.65	41.96 1.13 -4.53	38.39 1.07 -2.77	35.32 0.95 -2.79	34.67 0.78 -5.04	33.29 0.65 -6.49
STEUBEN_REC_LFGE 323667	26.41 -1.32 -0.88	23.20 -1.13 -1.81	22.35 -1.08 -1.91	22.14 -1.06 -1.91	22.91 -1.06 -1.93	26.35 -1.32 -1.26	34.27 -1.78 -0.41	38.35 -1.75 -1.31	36.29 -1.91 -1.41	31.70 -1.84 -1.21	30.32 -1.76 -1.69	28.38 -1.78 -1.39	28.04 -1.76 -1.36	28.18 -1.78 -1.23	28.96 -1.99 -1.18	31.28 -2.03 -2.60	36.69 -2.43 -1.74	39.01 -2.28 -3.90	41.29 -3.11 0.00	34.07 -2.69 -0.45	32.41 -2.59 -0.45	29.77 -2.34 -0.52	27.56 -2.22 -0.93	25.56 -1.86 -1.26
STILLWATER___SOLAR 323814	32.64 1.18 -4.62	33.02 0.99 -9.52	32.48 0.92 -10.03	32.26 0.92 -10.05	33.13 0.97 -10.12	34.67 1.22 -7.05	39.68 1.78 -2.25	48.08 1.98 -7.32	46.58 1.95 -7.85	40.70 1.65 -6.72	41.35 1.55 -9.41	37.94 1.47 -7.70	37.46 1.42 -7.59	36.98 1.38 -6.88	37.70 1.37 -6.56	46.64 1.41 -14.52	48.87 1.79 -9.69	60.98 1.83 -21.76	48.10 2.18 -1.52	42.45 1.67 -4.47	38.98 1.59 -2.84	35.70 1.39 -2.72	35.00 1.24 -4.92	33.76 1.28 -6.33
STONY___BROOK 24151	32.87 2.01 -4.01	32.24 1.46 -8.27	31.57 1.33 -8.71	31.22 1.19 -8.73	32.09 1.26 -8.79	34.64 2.11 -6.12	41.33 3.60 -2.08	48.32 3.18 -6.35	46.98 3.38 -6.81	43.04 3.23 -7.48	41.15 2.58 -8.18	38.47 2.47 -7.22	37.51 2.47 -6.60	37.23 2.53 -5.98	44.30 2.98 -11.55	46.29 2.98 -12.60	49.05 3.25 -8.41	59.69 3.40 -18.89	53.26 3.95 -4.91	47.17 3.38 -7.49	45.49 3.25 -7.69	43.31 3.06 -8.65	35.44 2.57 -4.03	33.30 1.96 -5.19
STURGEON_POOL_HYD 23609	32.19 1.29 -4.06	31.91 1.04 -8.36	31.30 0.97 -8.81	31.06 0.94 -8.82	31.92 0.99 -8.89	33.81 1.21 -6.19	39.55 1.92 -1.98	47.30 2.09 -6.42	45.85 2.17 -6.89	40.20 1.97 -5.90	40.51 1.85 -8.26	37.28 1.76 -6.75	36.87 1.76 -6.67	36.49 1.72 -6.04	37.32 1.79 -5.76	45.30 1.84 -12.75	48.14 2.24 -8.51	58.70 2.21 -19.09	49.95 2.58 -2.97	43.84 2.03 -5.50	38.85 1.93 -2.37	35.77 1.67 -2.50	34.84 1.47 -4.53	33.18 1.20 -5.83
ST_LAW_115_BK7_LBMP 345037	26.01 -0.91 -0.08	21.90 -0.77 -0.16	20.66 -1.03 -0.17	20.53 -0.94 -0.17	20.84 -1.37 -0.17	24.96 -1.56 -0.12	34.08 -1.60 -0.04	36.58 -2.33 -0.12	34.27 -2.65 -0.13	29.76 -2.68 -0.11	20.29 -2.61 7.49	5.47 -2.45 20.86	3.44 -2.42 22.58	2.47 -2.44 23.81	2.47 -2.53 24.77	2.47 -2.64 25.60	2.59 -3.40 31.39	3.46 -3.48 30.46	2.91 -4.22 37.27	2.46 -3.38 30.47	3.47 -3.21 27.87	3.47 -2.97 25.15	2.45 -2.74 23.65	2.40 -2.51 21.23

ST_LAW_115_BK8_LBMP 345038	26.01 -0.91 -0.08	21.90 -0.77 -0.16	20.66 -1.03 -0.17	20.53 -0.94 -0.17	20.84 -1.37 -0.17	24.96 -1.56 -0.12	34.08 -1.60 -0.04	36.58 -2.33 -0.12	34.27 -2.65 -0.13	29.76 -2.68 -0.11	20.29 -2.61 7.49	5.47 -2.45 20.86	3.44 -2.42 22.58	2.47 -2.44 23.81	2.47 -2.53 24.77	2.47 -2.64 25.60	2.59 -3.40 31.39	3.46 -3.48 30.46	2.91 -4.22 37.27	2.46 -3.38 30.47	3.47 -3.21 27.87	3.47 -2.97 25.15	2.45 -2.74 23.65	2.40 -2.51 21.23
ST_LAW_230_BK5_LBMP 345035	26.00 -0.91 -0.07	21.90 -0.77 -0.15	20.67 -1.01 -0.16	20.54 -0.92 -0.16	20.86 -1.35 -0.16	24.99 -1.53 -0.11	34.11 -1.57 -0.04	36.62 -2.29 -0.12	34.30 -2.61 -0.13	29.82 -2.62 -0.11	20.16 -2.55 7.68	4.99 -2.42 21.37	2.94 -2.36 23.14	1.92 -2.41 24.40	1.89 -2.50 25.38	1.86 -2.61 26.23	1.86 -3.36 32.17	2.86 -3.44 31.10	2.20 -4.18 38.02	1.88 -3.34 31.08	2.94 -3.18 28.44	2.99 -2.94 25.66	2.00 -2.71 24.13	2.00 -2.48 21.66
ST_LAW_230_BK6_LBMP 345036	26.00 -0.91 -0.07	21.90 -0.77 -0.15	20.67 -1.01 -0.16	20.54 -0.92 -0.16	20.86 -1.35 -0.16	24.99 -1.53 -0.11	34.11 -1.57 -0.04	36.62 -2.29 -0.12	34.30 -2.61 -0.13	29.82 -2.62 -0.11	20.16 -2.55 7.68	4.99 -2.42 21.37	2.94 -2.36 23.14	1.92 -2.41 24.40	1.89 -2.50 25.38	1.86 -2.61 26.23	1.86 -3.36 32.17	2.86 -3.44 31.10	2.20 -4.18 38.02	1.88 -3.34 31.08	2.94 -3.18 28.44	2.99 -2.94 25.66	2.00 -2.71 24.13	2.00 -2.48 21.66
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.13 1.42 -3.87	31.63 1.15 -7.97	31.00 1.08 -8.40	30.75 1.04 -8.41	31.62 1.10 -8.48	33.68 1.37 -5.90	39.67 2.14 -1.88	47.27 2.37 -6.12	45.67 2.32 -6.57	40.03 2.07 -5.63	40.21 1.95 -7.87	37.06 1.84 -6.44	36.64 1.85 -6.35	36.35 1.87 -5.76	37.20 1.94 -5.49	44.85 2.00 -12.15	47.93 2.43 -8.11	58.03 2.43 -18.20	52.81 2.58 -5.84	46.76 2.14 -8.31	38.78 2.04 -2.19	35.78 1.80 -2.39	34.72 1.56 -4.32	33.02 1.31 -5.56
SWANROAD_115KV_TB1 355699	25.05 -2.39 -0.60	21.74 -2.00 -1.23	20.92 -1.89 -1.29	20.70 -1.90 -1.30	21.36 -1.98 -1.31	24.71 -2.43 -0.73	32.25 -3.64 -0.24	35.16 -4.38 -0.76	33.26 -4.34 -0.82	29.41 -3.62 -0.70	28.00 -3.37 -0.98	26.44 -3.14 -0.80	26.10 -3.13 -0.79	26.28 -3.16 -0.72	27.15 -3.30 -0.68	28.68 -3.53 -1.51	34.02 -4.37 -1.01	35.13 -4.53 -2.25	38.49 -5.91 0.01	31.59 -4.97 -0.25	30.24 -4.56 -0.25	27.95 -3.95 -0.31	26.20 -3.20 -0.56	24.63 -2.38 -0.86
SYNERGY___BIOGAS 323694	26.19 -1.21 -0.55	22.59 -1.06 -1.13	21.75 -0.97 -1.20	21.58 -0.92 -1.20	22.28 -0.97 -1.21	26.02 -1.13 -0.75	34.07 -1.82 -0.24	37.35 -2.21 -0.78	35.41 -2.21 -0.83	31.23 -1.81 -0.71	29.66 -1.73 -1.00	28.01 -1.58 -0.82	27.65 -1.59 -0.80	27.87 -1.58 -0.73	28.83 -1.64 -0.69	30.52 -1.72 -1.53	36.35 -2.06 -1.02	37.56 -2.13 -2.29	41.29 -3.11 0.00	33.92 -2.65 -0.26	32.39 -2.42 -0.26	29.73 -2.12 -0.25	27.59 -1.70 -0.45	25.63 -1.18 -0.66
SYRACUSE___ENERGY_ST1 323597	27.07 -0.19 -0.41	23.18 -0.18 -0.85	22.25 -0.17 -0.90	22.05 -0.15 -0.90	22.84 -0.11 -0.91	26.93 -0.11 -0.63	35.60 -0.25 -0.20	39.32 -0.12 -0.66	37.39 -0.11 -0.72	32.88 -0.06 -0.61	31.07 -0.06 -0.73	29.07 -0.06 -0.36	28.66 -0.09 -0.31	28.86 -0.09 -0.22	29.86 -0.09 -0.18	31.52 -0.06 -0.88	37.66 -0.07 -0.35	38.81 -0.04 -1.45	43.58 -0.22 0.61	35.78 -0.25 0.27	34.04 -0.28 0.23	31.22 -0.22 0.15	28.72 -0.20 -0.08	26.24 -0.16 -0.25
SYRACUSE___ENERGY_ST2 323598	27.07 -0.19 -0.41	23.18 -0.18 -0.85	22.25 -0.17 -0.90	22.05 -0.15 -0.90	22.84 -0.11 -0.91	26.93 -0.11 -0.63	35.60 -0.25 -0.20	39.32 -0.12 -0.66	37.39 -0.11 -0.72	32.88 -0.06 -0.61	31.07 -0.06 -0.73	29.07 -0.06 -0.36	28.66 -0.09 -0.31	28.86 -0.09 -0.22	29.86 -0.09 -0.18	31.52 -0.06 -0.88	37.66 -0.07 -0.35	38.81 -0.04 -1.45	43.58 -0.22 0.61	35.78 -0.25 0.27	34.04 -0.28 0.23	31.22 -0.22 0.15	28.72 -0.20 -0.08	26.24 -0.16 -0.25
SYRACUSE___POWER 24017	27.04 -0.24 -0.43	23.18 -0.23 -0.89	22.27 -0.19 -0.94	22.05 -0.19 -0.94	22.84 -0.15 -0.95	26.88 -0.18 -0.66	35.57 -0.29 -0.21	39.28 -0.19 -0.69	37.35 -0.18 -0.75	32.81 -0.16 -0.64	31.04 -0.12 -0.77	29.01 -0.14 -0.38	28.63 -0.14 -0.33	28.82 -0.14 -0.24	29.82 -0.15 -0.20	31.51 -0.12 -0.93	37.65 -0.11 -0.38	38.81 -0.11 -1.53	43.47 -0.31 0.62	35.71 -0.33 0.27	34.01 -0.31 0.23	31.15 -0.28 0.15	28.67 -0.26 -0.09	26.21 -0.21 -0.27
TALLMAN___138KV_BK151 55660	32.28 1.50 -3.93	31.83 1.22 -8.10	31.22 1.16 -8.54	30.97 1.13 -8.55	31.84 1.19 -8.61	33.88 1.48 -5.99	39.88 2.32 -1.91	47.56 2.56 -6.22	45.96 2.50 -6.68	40.28 2.23 -5.72	40.49 2.10 -8.00	37.33 2.01 -6.54	36.92 2.02 -6.46	36.61 2.04 -5.85	37.46 2.11 -5.58	45.24 2.18 -12.35	48.24 2.62 -8.24	58.51 2.62 -18.50	54.31 2.84 -7.06	48.32 2.36 -9.65	39.05 2.25 -2.25	36.04 2.02 -2.42	34.96 1.73 -4.39	33.26 1.46 -5.65
TEALLAVE_115KV_TB7 355573	26.89 -0.32 -0.36	22.97 -0.29 -0.75	22.06 -0.26 -0.79	21.84 -0.26 -0.79	22.62 -0.22 -0.80	26.72 -0.24 -0.56	35.40 -0.43 -0.18	38.97 -0.39 -0.58	37.08 -0.33 -0.63	32.61 -0.26 -0.54	30.79 -0.21 -0.61	28.76 -0.23 -0.22	28.38 -0.23 -0.17	28.58 -0.23 -0.09	29.58 -0.24 -0.04	31.15 -0.21 -0.66	37.29 -0.26 -0.17	38.27 -0.26 -1.13	43.21 -0.49 0.71	35.45 -0.47 0.38	33.73 -0.48 0.33	30.93 -0.41 0.25	28.46 -0.35 0.04	25.98 -0.29 -0.12
TELGRAPH_34_KV_EAST 80808	25.80 -1.61 -0.57	22.33 -1.35 -1.17	21.46 -1.29 -1.23	21.29 -1.24 -1.23	21.96 -1.32 -1.24	25.56 -1.58 -0.74	33.43 -2.46 -0.24	36.61 -2.95 -0.77	34.67 -2.94 -0.83	30.62 -2.42 -0.71	29.14 -2.25 -1.00	27.49 -2.10 -0.81	27.16 -2.08 -0.80	27.35 -2.10 -0.73	28.29 -2.17 -0.69	29.90 -2.33 -1.53	35.57 -2.84 -1.02	36.73 -2.95 -2.29	40.40 -4.00 0.00	33.12 -3.45 -0.26	31.63 -3.18 -0.26	29.09 -2.81 -0.31	27.18 -2.22 -0.56	25.37 -1.60 -0.81
TEMPLE___115KV_TB 2 55572	26.89 -0.32 -0.37	23.00 -0.27 -0.76	22.07 -0.26 -0.80	21.85 -0.26 -0.80	22.65 -0.20 -0.81	26.73 -0.24 -0.56	35.43 -0.39 -0.18	39.02 -0.35 -0.59	37.09 -0.33 -0.64	32.65 -0.23 -0.55	30.80 -0.21 -0.62	28.81 -0.20 -0.23	28.43 -0.20 -0.19	28.63 -0.20 -0.11	29.63 -0.21 -0.06	31.20 -0.18 -0.68	37.35 -0.22 -0.19	38.34 -0.22 -1.17	43.23 -0.49 0.69	35.47 -0.47 0.36	33.78 -0.45 0.32	30.97 -0.38 0.24	28.47 -0.35 0.02	26.03 -0.26 -0.14
TIANA____69_KV_BK 1 55817	32.87 2.01 -4.01	32.22 1.44 -8.27	31.83 1.59 -8.71	31.15 1.13 -8.73	31.98 1.15 -8.79	34.72 2.19 -6.12	41.62 3.89 -2.08	48.47 3.34 -6.35	47.02 3.42 -6.81	43.13 3.33 -7.47	40.61 2.04 -8.18	37.98 1.99 -7.22	37.03 1.99 -6.60	36.71 2.01 -5.98	44.28 2.98 -11.53	46.17 2.86 -12.60	49.05 3.25 -8.41	59.80 3.52 -18.89	53.17 3.86 -4.91	47.17 3.38 -7.49	45.51 3.28 -7.67	43.56 3.10 -8.88	35.83 2.51 -4.48	33.88 1.96 -5.77
TILDEN___115KV_TB1 80814	27.04 -0.24 -0.43	23.18 -0.23 -0.89	22.27 -0.19 -0.94	22.05 -0.19 -0.94	22.84 -0.15 -0.95	26.88 -0.18 -0.66	35.57 -0.29 -0.21	39.28 -0.19 -0.69	37.35 -0.18 -0.75	32.81 -0.16 -0.64	31.04 -0.12 -0.77	29.01 -0.14 -0.38	28.63 -0.14 -0.33	28.82 -0.14 -0.24	29.82 -0.15 -0.20	31.51 -0.12 -0.93	37.65 -0.11 -0.38	38.81 -0.11 -1.53	43.47 -0.31 0.62	35.71 -0.33 0.27	34.01 -0.31 0.23	31.15 -0.28 0.15	28.67 -0.26 -0.09	26.21 -0.21 -0.27

TRIGEN___CC 323695	32.57 1.72 -4.01	32.06 1.28 -8.27	31.48 1.25 -8.71	31.07 1.04 -8.73	31.93 1.10 -8.79	34.19 1.66 -6.12	40.59 2.89 -2.05	47.89 2.75 -6.35	46.47 2.87 -6.81	43.51 2.65 -8.53	40.98 2.40 -8.18	38.71 2.30 -7.63	37.38 2.33 -6.61	37.09 2.38 -5.99	47.57 2.47 -15.32	45.80 2.49 -12.60	48.60 2.80 -8.41	59.10 2.80 -18.90	52.46 3.15 -4.91	46.53 2.72 -7.50	48.33 2.63 -11.15	47.10 2.46 -13.04	35.46 2.13 -4.48	33.56 1.65 -5.77
TRINITY___115KV___4 BK 55933	31.90 0.54 -4.52	32.26 0.43 -9.32	31.75 0.41 -9.82	31.56 0.43 -9.84	32.37 0.42 -9.91	33.86 0.55 -6.90	38.56 0.71 -2.20	46.73 0.78 -7.17	45.21 0.74 -7.69	39.56 0.65 -6.59	40.22 0.61 -9.22	36.89 0.58 -7.54	36.45 0.57 -7.44	36.07 0.60 -6.74	36.88 0.68 -6.43	45.61 0.68 -14.23	47.74 0.86 -9.50	59.57 0.86 -21.31	46.98 0.93 -1.64	41.55 0.73 -4.52	38.05 0.73 -2.77	35.01 0.63 -2.79	34.41 0.52 -5.05	33.09 0.44 -6.50
UNION___PROCESSING_DRP 323587	26.39 -0.94 -0.49	22.70 -0.81 -1.00	21.83 -0.75 -1.06	21.65 -0.70 -1.06	22.38 -0.73 -1.07	26.31 -0.84 -0.75	34.42 -1.46 -0.24	37.78 -1.78 -0.78	35.79 -1.84 -0.84	31.63 -1.42 -0.72	30.07 -1.34 -1.01	28.39 -1.21 -0.83	28.06 -1.19 -0.81	28.25 -1.21 -0.74	29.22 -1.25 -0.70	30.91 -1.35 -1.55	36.78 -1.64 -1.04	37.96 -1.76 -2.33	41.87 -2.53 0.00	34.36 -2.21 -0.27	32.78 -2.04 -0.26	30.12 -1.77 -0.30	28.07 -1.33 -0.55	25.93 -0.92 -0.70
UPPER HUDSON___HYD 24058	32.45 0.96 -4.64	32.88 0.81 -9.56	32.34 0.75 -10.07	32.15 0.77 -10.09	33.04 0.84 -10.16	34.57 1.08 -7.08	39.55 1.64 -2.26	47.99 1.86 -7.35	46.51 1.84 -7.88	40.60 1.52 -6.75	41.24 1.40 -9.45	37.85 1.35 -7.73	37.37 1.31 -7.62	36.87 1.23 -6.91	37.43 1.07 -6.58	46.33 1.04 -14.58	48.46 1.34 -9.73	60.66 1.42 -21.84	47.57 1.69 -1.48	41.94 1.20 -4.44	38.58 1.18 -2.86	35.33 1.01 -2.73	34.77 0.98 -4.94	33.97 1.46 -6.36
UPPER RAQUET___HYD 24056	26.39 -0.56 -0.11	22.26 -0.47 -0.23	21.01 -0.75 -0.24	20.90 -0.64 -0.24	21.22 -1.06 -0.24	25.44 -1.13 -0.17	34.81 -0.89 -0.05	37.45 -1.51 -0.18	35.10 -1.87 -0.19	30.46 -2.04 -0.16	22.80 -1.98 5.62	11.08 -1.84 15.86	9.44 -1.82 17.18	8.73 -1.87 18.13	8.98 -1.93 18.86	9.31 -2.00 19.41	11.03 -2.47 23.89	10.43 -2.73 24.24	11.13 -3.33 29.94	9.19 -2.69 24.43	9.72 -2.49 22.34	9.03 -2.40 20.16	7.59 -2.34 18.92	7.05 -2.14 16.95
VALLEY44_115KV_TB2 355964	24.98 -2.58 -0.71	21.86 -2.12 -1.46	21.08 -1.98 -1.54	20.88 -1.96 -1.54	21.57 -2.03 -1.56	24.80 -2.53 -0.93	32.88 -3.07 -0.30	37.07 -2.68 -0.96	35.13 -2.69 -1.04	30.60 -2.62 -0.89	29.17 -2.46 -1.24	27.37 -2.42 -1.01	27.02 -2.42 -1.00	27.24 -2.38 -0.90	28.17 -2.47 -0.86	30.25 -2.36 -1.90	35.85 -2.80 -1.27	37.85 -2.39 -2.85	41.56 -2.84 0.01	33.91 -2.72 -0.32	32.21 -2.66 -0.32	29.23 -2.75 -0.39	26.83 -2.71 -0.70	24.58 -2.59 -1.02
VALLEY___115KV_TB 1-4 80826	27.41 0.51 -0.06	23.03 0.41 -0.12	21.99 0.34 -0.12	21.74 0.32 -0.12	22.47 0.31 -0.12	26.91 0.42 -0.09	36.32 0.64 -0.03	39.69 0.81 -0.09	37.77 0.88 -0.10	33.16 0.74 -0.08	31.12 0.61 -0.12	29.30 0.43 -0.10	28.87 0.34 -0.09	29.15 0.34 -0.08	30.18 0.33 -0.08	31.19 0.31 -0.18	37.84 0.34 -0.12	38.00 0.34 -0.27	44.76 0.36 0.00	36.60 0.29 0.00	34.83 0.28 0.00	31.91 0.28 -0.03	29.14 0.23 -0.06	26.44 0.21 -0.08
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.74 1.13 -1.77	27.17 1.01 -3.64	26.40 1.03 -3.84	26.10 0.96 -3.85	26.95 1.04 -3.88	30.33 1.24 -2.68	38.25 1.75 -0.86	43.70 2.13 -2.79	41.91 2.13 -2.99	36.74 1.84 -2.56	35.77 1.79 -3.59	33.38 1.67 -2.93	32.95 1.62 -2.89	32.98 1.64 -2.62	33.97 1.70 -2.50	37.96 1.72 -5.53	43.21 2.13 -3.69	47.85 2.17 -8.28	45.79 2.26 0.87	38.21 1.85 -0.05	37.29 1.80 -0.95	34.22 1.55 -1.09	32.05 1.24 -1.97	29.76 1.07 -2.54
VISCHER___FERRY HYD 24020	32.46 1.05 -4.57	32.80 0.88 -9.41	32.26 0.82 -9.92	32.04 0.81 -9.93	32.86 0.82 -10.01	34.43 1.06 -6.97	39.40 1.53 -2.22	47.72 1.70 -7.23	46.24 1.69 -7.76	40.47 1.49 -6.65	41.09 1.40 -9.30	37.71 1.32 -7.61	37.26 1.31 -7.51	36.79 1.26 -6.80	37.54 1.28 -6.48	46.35 1.29 -14.36	48.61 1.64 -9.58	60.55 1.64 -21.50	47.94 1.91 -1.63	42.34 1.49 -4.54	38.77 1.42 -2.80	35.54 1.26 -2.68	34.79 1.10 -4.85	33.41 1.02 -6.24
V_A_10_SYNC_DSASP 323832	25.82 -1.56 -0.53	22.33 -1.28 -1.10	21.50 -1.18 -1.16	21.29 -1.17 -1.16	21.95 -1.26 -1.17	25.75 -1.56 -0.90	33.44 -2.50 -0.29	36.62 -3.10 -0.94	34.67 -3.13 -1.01	30.67 -2.52 -0.86	29.23 -2.37 -1.21	27.60 -2.16 -0.99	27.28 -2.13 -0.97	27.42 -2.18 -0.88	28.32 -2.29 -0.84	30.08 -2.49 -1.86	35.49 -3.14 -1.24	36.86 -3.33 -2.79	39.70 -4.71 0.00	32.82 -3.81 -0.33	31.42 -3.45 -0.32	29.02 -2.87 -0.30	27.17 -2.22 -0.55	25.24 -1.54 -0.64
V_CMM_10_SYNC_DSASP 323787	26.12 -0.80 -0.08	21.99 -0.67 -0.16	20.74 -0.95 -0.17	20.61 -0.85 -0.17	20.93 -1.28 -0.17	25.07 -1.45 -0.12	34.26 -1.43 -0.04	36.74 -2.17 -0.12	34.42 -2.50 -0.13	29.89 -2.55 -0.11	20.45 -2.46 7.49	5.59 -2.33 20.86	3.58 -2.28 22.58	2.61 -2.30 23.81	2.59 -2.41 24.77	2.59 -2.52 25.60	2.74 -3.25 31.39	3.65 -3.29 30.46	3.14 -4.00 37.27	2.64 -3.20 30.47	3.64 -3.04 27.87	3.63 -2.81 25.15	2.57 -2.62 23.65	2.53 -2.38 21.23
V_CMP_10_SYNC_DSASP 323788	26.49 -0.43 -0.07	22.26 -0.40 -0.15	20.93 -0.75 -0.16	20.82 -0.64 -0.16	21.08 -1.12 -0.16	25.25 -1.27 -0.11	34.51 -1.18 -0.04	37.00 -1.90 -0.12	34.63 -2.28 -0.13	30.01 -2.43 -0.11	20.25 -2.46 7.68	5.04 -2.36 21.37	2.94 -2.36 23.14	1.83 -2.50 24.40	1.77 -2.62 25.38	1.71 -2.76 26.23	1.63 -3.59 32.17	3.24 -3.59 30.56	2.54 -4.48 37.38	2.19 -3.56 30.56	3.24 -3.35 27.96	3.27 -3.09 25.23	2.18 -2.94 23.72	2.21 -2.64 21.30
V_D_10_SYNC_DSASP 323841	26.26 -0.67 -0.08	22.12 -0.56 -0.17	20.86 -0.84 -0.18	20.75 -0.72 -0.18	21.05 -1.17 -0.18	25.24 -1.29 -0.13	34.47 -1.21 -0.04	36.98 -1.94 -0.13	34.65 -2.28 -0.14	30.09 -2.36 -0.12	20.92 -2.28 7.19	6.58 -2.13 20.06	4.62 -2.10 21.72	3.69 -2.13 22.91	3.71 -2.23 23.83	3.79 -2.30 24.61	4.23 -2.95 30.20	4.90 -3.03 29.47	4.61 -3.68 36.10	3.85 -2.98 29.48	4.79 -2.80 26.96	4.67 -2.59 24.33	3.54 -2.45 22.85	3.41 -2.25 20.49
V_E_10_SYNC_DSASP 323830	29.52 1.42 -1.26	26.36 1.26 -2.59	25.52 1.27 -2.73	25.20 1.17 -2.73	26.07 1.28 -2.75	30.02 1.72 -1.90	38.68 2.43 -0.61	44.02 3.26 -1.98	42.03 3.12 -2.12	36.70 2.55 -1.82	35.37 2.43 -2.54	33.07 2.22 -2.08	32.50 2.02 -2.05	32.59 2.01 -1.85	33.69 2.14 -1.77	36.92 2.30 -3.91	43.06 3.07 -2.61	46.51 3.25 -5.86	47.27 3.51 0.64	39.19 2.87 -0.02	37.95 2.73 -0.67	34.48 2.24 -0.65	31.68 1.67 -1.17	29.13 1.46 -1.52
V_F_30_NSYNC___DSASP 323816	32.65 1.18 -4.63	33.03 0.99 -9.54	32.52 0.95 -10.05	32.30 0.94 -10.06	33.17 0.99 -10.14	34.71 1.24 -7.06	39.72 1.82 -2.25	48.13 2.02 -7.33	46.64 1.99 -7.87	40.75 1.68 -6.74	41.37 1.55 -9.43	37.98 1.50 -7.71	37.50 1.45 -7.61	37.02 1.41 -6.89	37.74 1.40 -6.57	46.70 1.44 -14.55	48.93 1.83 -9.71	61.06 1.87 -21.79	48.08 2.18 -1.50	42.43 1.67 -4.46	39.02 1.62 -2.85	35.74 1.42 -2.72	35.01 1.24 -4.93	33.77 1.28 -6.34



