

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/30/2024	
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00								
59TH STREET_GT_1	24138	29.44	26.74	26.41	25.29	23.69	23.71	24.51	25.16	26.87	28.09	28.94	30.67	32.98	34.58	39.25	42.23	53.35	52.65	48.79	44.97	43.89	36.26	32.54	30.16								
		2.42	2.05	1.84	1.54	1.44	1.47	1.52	1.59	2.09	2.21	2.40	2.57	2.65	2.66	2.70	2.61	2.79	2.94	3.00	2.91	2.76	2.70	2.53	2.70								
		-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.52	-6.71	-8.34	-12.82	-17.70	-27.13	-25.00	-20.30	-16.49	-15.77	-7.33	-5.92	-1.21								
74TH STREET_GT_1	24260	29.44	26.77	26.44	25.29	23.69	23.71	24.51	25.16	26.89	28.11	28.96	30.69	33.05	34.67	39.35	42.23	53.35	52.70	48.86	45.05	43.96	36.39	32.57	30.16								
		2.42	2.08	1.87	1.54	1.44	1.47	1.52	1.59	2.11	2.24	2.42	2.59	2.72	2.76	2.80	2.61	2.79	2.99	3.08	2.99	2.84	2.83	2.55	2.70								
		-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.52	-6.71	-8.34	-12.82	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.34	-5.92	-1.21								
74TH STREET_GT_2	24261	29.44	26.77	26.44	25.29	23.69	23.71	24.51	25.16	26.89	28.11	28.96	30.69	33.05	34.67	39.35	42.23	53.35	52.70	48.86	45.05	43.96	36.39	32.57	30.16								
		2.42	2.08	1.87	1.54	1.44	1.47	1.52	1.59	2.11	2.24	2.42	2.59	2.72	2.76	2.80	2.61	2.79	2.99	3.08	2.99	2.84	2.83	2.55	2.70								
		-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.52	-6.71	-8.34	-12.82	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.34	-5.92	-1.21								
ADK HUDSON___FALLS	24011	29.26	26.88	26.75	26.52	24.79	24.73	25.69	26.42	27.29	28.61	29.29	31.39	34.17	36.16	36.72	39.67	44.27	51.71	53.79	48.88	47.83	37.62	33.82	29.74								
		2.03	1.84	1.59	1.44	1.38	1.37	1.38	1.35	1.84	1.98	1.85	1.82	1.65	1.53	1.09	1.03	1.03	1.19	1.40	1.46	1.57	1.68	1.88	1.89								
		-0.88	-1.43	-2.37	-5.39	-4.70	-4.57	-5.36	-6.12	-2.73	-3.07	-3.68	-5.99	-8.90	-11.05	-11.90	-16.72	-19.81	-25.81	-26.91	-21.85	-20.90	-9.72	-7.85	-1.61								
ADK RESOURCE___RCVRY	23798	29.42	27.03	26.86	26.62	24.88	24.83	25.79	26.52	27.45	28.75	29.44	31.56	34.30	36.28	36.80	39.79	44.38	51.82	53.91	49.02	47.97	37.71	33.94	29.87								
		2.19	1.98	1.71	1.54	1.48	1.47	1.48	1.44	2.00	2.12	2.00	1.98	1.77	1.65	1.16	1.14	1.12	1.28	1.50	1.59	1.70	1.76	2.00	2.02								
		-0.88	-1.43	-2.38	-5.39	-4.71	-4.57	-5.36	-6.13	-2.73	-3.07	-3.68	-6.00	-8.90	-11.06	-11.91	-16.73	-19.82	-25.83	-26.93	-21.87	-20.91	-9.73	-7.85	-1.61								
ADK S GLENS___FALLS	24028	29.26	26.88	26.75	26.52	24.79	24.73	25.69	26.42	27.29	28.61	29.29	31.39	34.17	36.16	36.72	39.67	44.27	51.71	53.79	48.88	47.83	37.62	33.82	29.74								
		2.03	1.84	1.59	1.44	1.38	1.37	1.38	1.35	1.84	1.98	1.85	1.82	1.65	1.53	1.09	1.03	1.03	1.19	1.40	1.46	1.57	1.68	1.88	1.89								
		-0.88	-1.43	-2.37	-5.39	-4.70	-4.57	-5.36	-6.12	-2.73	-3.07	-3.68	-5.99	-8.90	-11.05	-11.90	-16.72	-19.81	-25.81	-26.91	-21.85	-20.90	-9.72	-7.85	-1.61								
ADK_NYS___DAM	23527	28.68	26.31	26.29	25.98	24.29	24.26	25.18	25.96	26.78	27.99	28.75	30.78	33.55	35.52	36.50	39.29	43.84	50.96	52.84	48.07	47.00	37.25	33.25	29.39								
		1.48	1.32	1.23	1.10	1.07	1.07	1.08	1.12	1.43	1.49	1.45	1.44	1.37	1.32	1.33	1.29	1.36	1.43	1.48	1.48	1.55	1.68	1.61	1.60								
		-0.84	-1.38	-2.28	-5.18	-4.52	-4.39	-5.15	-5.89	-2.62	-2.95	-3.54	-5.76	-8.55	-10.63	-11.44	-16.08	-19.05	-24.82	-25.88	-21.01	-20.09	-9.35	-7.55	-1.55								
AIR_PRODUCTS___DRP	24190	27.81	25.61	25.91	25.65	23.97	23.92	24.83	25.43	25.97	27.18	28.01	29.96	32.81	34.81	35.79	38.62	43.12	50.26	52.11	47.32	46.18	36.27	32.25	28.42								
		0.61	0.61	0.84	0.75	0.73	0.71	0.70	0.57	0.61	0.66	0.69	0.59	0.59	0.57	0.57	0.55	0.56	0.62	0.64	0.64	0.63	0.66	0.58	0.63								
		-0.85	-1.38	-2.29	-5.20	-4.54	-4.41	-5.17	-5.92	-2.64	-2.96	-3.55	-5.79	-8.59	-10.67	-11.50	-16.15	-19.13	-24.93	-26.00	-21.11	-20.18	-9.39	-7.58	-1.55								
AKWESSNE_115KV_BK	355683	25.46	22.92	22.19	19.16	18.16	18.25	18.46	18.48	22.09	22.85	23.00	22.89	22.87	22.89	23.06	21.26	22.77	23.94	24.66	24.80	24.70	25.49	23.44	25.51								
		-0.90	-0.68	-0.59	-0.53	-0.54	-0.55	-0.49	-0.47	-0.64	-0.71	-0.76	-0.68	-0.76	-0.68	-0.66	-0.66	-0.66	-0.77	-0.82	-0.77	-0.66	-0.73	-0.65	-0.73								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ALBANY_1_SOLAR	323833	28.27	26.00	26.11	25.75	24.08	24.03	24.91	25.49	26.16	27.28	28.02	29.95	32.73	34.70	35.68	38.42	42.96	50.03	51.90	47.24	46.14	36.48	32.47	28.76								
		1.08	1.04	1.09	0.96	0.93	0.92	0.89	0.76	0.86	0.82	0.78	0.71	0.71	0.68	0.71	0.70	0.82	0.94	0.99	1.02	1.04	1.08	0.96	1.00								
		-0.83	-1.35	-2.24	-5.09	-4.44	-4.31	-5.06	-5.79	-2.58	-2.90	-3.47	-5.66	-8.40	-10.44	-11.24	-15.80	-18.72	-24.39	-25.43	-20.65	-19.74	-9.19	-7.41	-1.52								
ALBANY_2_SOLAR	323834	28.27	26.00	26.09	25.75	24.06	24.03	24.91	25.49	26.16	27.28	28.02	29.95	32.74	34.70	35.69	38.42	42.97	50.04	51.88	47.24	46.14	36.49	32.47	28.76								
		1.08	1.04	1.07	0.96	0.92	0.92	0.89	0.76	0.86	0.82	0.78	0.71	0.71	0.68	0.71	0.70	0.82	0.94	0.97	1.02	1.04	1.08	0.96	1.00								
		-0.83	-1.35	-2.24	-5.09	-4.45	-4.31	-5.06	-5.79	-2.58	-2.90	-3.47	-5.66	-8.41	-10.44	-11.25	-15.80	-18.72	-24.39	-25.43	-20.65	-19.75	-9.19	-7.41	-1.52								
ALBANY___1	23571	27.81	25.61	25.91	25.65	23.97	23.92	24.83	25.43	25.97	27.18	28.01	29.96	32.81	34.81	35.79	38.62	43.12	50.26	52.11	47.32	46.18	36.27	32.25	28.42								
		0.61	0.61	0.84	0.75	0.73	0.71	0.70	0.57	0.61	0.66	0.69	0.59	0.59	0.57	0.57	0.55	0.56	0.62	0.64	0.64	0.63	0.66	0.58	0.63								
		-0.85	-1.38	-2.29	-5.20	-4.54	-4.41	-5.17	-5.92	-2.64	-2.96	-3.55	-5.79	-8.59	-10.67	-11.50	-16.15	-19.13	-24.93	-26.00	-21.11	-20.18	-9.39	-7.58	-1.55								

ALBANY___2 23572	27.81 0.61 -0.85	25.61 0.61 -1.38	25.91 0.84 -2.29	25.65 0.75 -5.20	23.97 0.73 -4.54	23.92 0.71 -4.41	24.83 0.70 -5.17	25.43 0.57 -5.92	25.97 0.61 -2.64	27.18 0.66 -2.96	28.01 0.69 -3.55	29.96 0.59 -5.79	32.81 0.59 -8.59	34.81 0.57 -10.67	35.79 0.57 -11.50	38.62 0.55 -16.15	43.12 0.56 -19.13	50.26 0.62 -24.93	52.11 0.64 -26.00	47.32 0.64 -21.11	46.18 0.63 -20.18	36.27 0.66 -9.39	32.25 0.58 -7.58	28.42 0.63 -1.55
ALBANY___3 23573	27.81 0.61 -0.85	25.61 0.61 -1.38	25.91 0.84 -2.29	25.65 0.75 -5.20	23.97 0.73 -4.54	23.92 0.71 -4.41	24.83 0.70 -5.17	25.43 0.57 -5.92	25.97 0.61 -2.64	27.18 0.66 -2.96	28.01 0.69 -3.55	29.96 0.59 -5.79	32.81 0.59 -8.59	34.81 0.57 -10.67	35.79 0.57 -11.50	38.62 0.55 -16.15	43.12 0.56 -19.13	50.26 0.62 -24.93	52.11 0.64 -26.00	47.32 0.64 -21.11	46.18 0.63 -20.18	36.27 0.66 -9.39	32.25 0.58 -7.58	28.42 0.63 -1.55
ALBANY___4 23574	27.81 0.61 -0.85	25.61 0.61 -1.38	25.91 0.84 -2.29	25.65 0.75 -5.20	23.97 0.73 -4.54	23.92 0.71 -4.41	24.83 0.70 -5.17	25.43 0.57 -5.92	25.97 0.61 -2.64	27.18 0.66 -2.96	28.01 0.69 -3.55	29.96 0.59 -5.79	32.81 0.59 -8.59	34.81 0.57 -10.67	35.79 0.57 -11.50	38.62 0.55 -16.15	43.12 0.56 -19.13	50.26 0.62 -24.93	52.11 0.64 -26.00	47.32 0.64 -21.11	46.18 0.63 -20.18	36.27 0.66 -9.39	32.25 0.58 -7.58	28.42 0.63 -1.55
ALBANY___LFGE 323615	28.08 0.87 -0.85	25.86 0.85 -1.40	26.07 0.98 -2.31	25.83 0.89 -5.25	24.13 0.84 -4.59	24.10 0.85 -4.45	25.01 0.83 -5.22	25.64 0.72 -5.97	26.22 0.84 -2.66	27.42 0.87 -2.99	28.25 0.90 -3.59	30.27 0.85 -5.85	33.15 0.85 -8.68	35.18 0.82 -10.78	36.17 0.83 -11.61	39.01 0.79 -16.31	43.59 0.84 -19.32	50.80 0.91 -25.17	52.62 0.89 -26.25	47.78 0.89 -21.31	46.65 0.91 -20.38	36.65 0.94 -9.48	32.59 0.84 -7.65	28.67 0.86 -1.57
ALCOA_PA_115KV_PL-6C 55860	25.49 -0.87 0.00	22.97 -0.64 0.00	22.25 -0.52 0.00	19.22 -0.47 0.00	18.19 -0.50 0.00	18.29 -0.51 0.00	18.50 -0.45 0.00	18.51 -0.44 0.00	22.11 -0.61 0.00	22.88 -0.68 0.00	23.03 -0.74 0.00	22.89 -0.68 0.00	22.87 -0.76 0.00	22.92 -0.66 0.00	23.09 -0.64 0.00	21.24 -0.68 0.00	22.77 -0.66 0.00	23.94 -0.77 0.00	24.69 -0.79 0.00	24.80 -0.77 0.00	24.75 -0.61 0.00	25.54 -0.68 0.00	23.47 -0.63 0.00	25.53 -0.71 0.00
ALCOA_RYNLDS___DRP 24188	25.49 -0.87 0.00	22.97 -0.64 0.00	22.25 -0.52 0.00	19.22 -0.47 0.00	18.19 -0.50 0.00	18.29 -0.51 0.00	18.50 -0.45 0.00	18.51 -0.44 0.00	22.11 -0.61 0.00	22.88 -0.68 0.00	23.03 -0.74 0.00	22.89 -0.68 0.00	22.87 -0.76 0.00	22.92 -0.66 0.00	23.09 -0.64 0.00	21.24 -0.68 0.00	22.77 -0.66 0.00	23.94 -0.77 0.00	24.69 -0.79 0.00	24.80 -0.77 0.00	24.75 -0.61 0.00	25.54 -0.68 0.00	23.47 -0.63 0.00	25.53 -0.71 0.00
ALCOA___DSASP 323711	25.49 -0.87 0.00	22.97 -0.64 0.00	22.26 -0.52 0.00	19.22 -0.47 0.00	18.19 -0.50 0.00	18.29 -0.51 0.00	18.50 -0.46 0.00	18.51 -0.44 0.00	22.11 -0.61 0.00	22.95 -0.61 0.00	23.12 -0.64 0.00	22.89 -0.68 0.00	22.87 -0.76 0.00	22.92 -0.66 0.00	23.09 -0.64 0.00	21.15 -0.77 0.00	22.68 -0.75 0.00	23.92 -0.79 0.00	24.71 -0.76 0.00	24.80 -0.77 0.00	24.73 -0.63 0.00	25.57 -0.65 0.00	23.49 -0.60 0.00	25.53 -0.71 0.00
ALLEGHENY___COGEN 23514	26.73 0.26 -0.10	23.90 0.12 -0.17	23.04 -0.02 -0.28	20.33 0.00 -0.64	19.35 0.09 -0.56	19.47 0.13 -0.54	19.55 -0.04 -0.64	19.30 -0.38 -0.73	22.09 -0.95 -0.32	22.82 -1.11 -0.36	22.78 -1.43 -0.44	22.83 -1.46 -0.71	23.29 -1.39 -1.06	23.50 -1.39 -1.32	23.79 -1.35 -1.42	22.81 -1.10 -1.99	24.71 -1.08 -2.36	26.87 -0.91 -3.07	28.04 -0.64 -3.20	27.81 -0.36 -2.60	27.62 -0.23 -2.49	27.22 -0.16 -1.16	24.74 -0.29 -0.93	26.30 -0.13 -0.19
ALTAMONT_115KV_TB 2 55880	28.10 0.90 -0.85	25.80 0.80 -1.38	25.89 0.82 -2.29	25.61 0.71 -5.20	23.94 0.69 -4.55	23.88 0.68 -4.41	24.81 0.68 -5.17	25.51 0.64 -5.92	26.15 0.80 -2.64	27.37 0.85 -2.96	28.17 0.86 -3.55	30.19 0.83 -5.79	33.07 0.85 -8.59	35.08 0.83 -10.68	36.06 0.83 -11.50	38.84 0.77 -16.15	43.39 0.82 -19.14	50.56 0.91 -24.94	52.42 0.94 -26.00	47.63 0.95 -21.11	46.49 0.94 -20.19	36.59 0.97 -9.39	32.54 0.87 -7.58	28.71 0.92 -1.55
ALTONA_WT_PWR 323606	24.99 -1.37 0.00	22.55 -1.06 0.00	21.87 -0.91 0.00	18.93 -0.77 0.00	17.90 -0.80 0.00	18.04 -0.75 0.00	18.29 -0.66 0.00	18.29 -0.66 0.00	21.79 -0.93 0.00	22.59 -0.97 0.00	22.79 -0.98 0.00	22.49 -1.08 0.00	22.44 -1.18 0.00	22.54 -1.04 0.00	22.78 -0.95 0.00	20.84 -1.07 0.00	22.44 -0.98 0.00	23.77 -0.94 0.00	24.56 -0.92 0.00	24.65 -0.92 0.00	24.60 -0.76 0.00	25.46 -0.76 0.00	23.47 -0.63 0.00	25.48 -0.76 0.00
AMERICAN_REF_FUEL 24010	24.53 -1.92 -0.09	21.94 -1.82 -0.15	21.16 -1.87 -0.25	18.74 -1.52 -0.56	17.86 -1.33 -0.49	17.92 -1.35 -0.48	18.02 -1.50 -0.56	17.85 -1.74 -0.64	20.78 -2.23 -0.29	21.71 -2.17 -0.32	21.77 -2.38 -0.39	21.85 -2.36 -0.63	22.31 -2.24 -0.93	22.31 -2.43 -1.16	22.55 -2.42 -1.25	21.59 -2.08 -1.75	23.30 -2.20 -2.08	24.94 -2.47 -2.70	25.65 -2.65 -2.82	25.15 -2.71 -2.29	24.86 -2.69 -2.19	24.51 -2.73 -1.02	22.46 -2.46 -0.82	24.23 -2.18 -0.17
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.75 -1.71 -0.10	22.17 -1.61 -0.17	21.40 -1.66 -0.28	19.03 -1.30 -0.64	18.19 -1.07 -0.56	18.30 -1.03 -0.54	18.45 -1.14 -0.64	18.44 -1.23 -0.73	21.39 -1.66 -0.32	22.37 -1.56 -0.36	22.47 -1.73 -0.44	22.47 -1.81 -0.71	22.98 -1.70 -1.05	22.98 -1.91 -1.31	23.24 -1.90 -1.41	22.26 -1.64 -1.98	24.00 -1.78 -2.35	25.82 -1.95 -3.06	26.60 -2.06 -3.19	26.04 -2.12 -2.59	25.78 -2.05 -2.48	25.33 -2.05 -1.15	23.27 -1.76 -0.93	24.91 -1.52 -0.19
ARTHUR KILL_GT_1 23520	29.26 2.24 -0.66	26.53 1.84 -1.07	26.16 1.59 -1.78	25.05 1.30 -4.06	23.40 1.16 -3.54	23.40 1.17 -3.44	24.24 1.25 -4.03	24.89 1.33 -4.61	26.61 1.84 -2.05	27.82 1.95 -2.31	28.72 2.18 -2.77	30.57 2.45 -4.54	39.58 2.60 -13.35	34.55 2.64 -8.33	39.26 2.68 -12.85	42.03 2.41 -17.70	53.23 2.67 -27.13	52.49 2.79 -24.99	48.65 2.88 -20.30	44.81 2.76 -16.48	43.73 2.61 -15.76	36.30 2.70 -7.37	32.37 2.36 -5.91	29.89 2.44 -1.21
ARTHUR_KILL_2 23512	29.15 2.13 -0.66	26.43 1.75 -1.07	26.09 1.53 -1.78	24.99 1.24 -4.06	23.34 1.10 -3.54	23.34 1.11 -3.44	24.16 1.18 -4.03	24.81 1.25 -4.61	26.55 1.77 -2.05	27.73 1.86 -2.31	28.62 2.09 -2.77	30.48 2.36 -4.54	39.48 2.50 -13.35	34.45 2.55 -8.33	39.17 2.59 -12.85	41.94 2.32 -17.70	53.13 2.58 -27.13	52.39 2.69 -24.99	48.53 2.75 -20.30	44.68 2.63 -16.48	43.60 2.49 -15.76	36.19 2.60 -7.37	32.27 2.26 -5.91	29.78 2.33 -1.21
ARTHUR_KILL_3 23513	29.21 2.19 -0.66	26.58 1.89 -1.08	26.26 1.69 -1.79	25.14 1.38 -4.06	23.56 1.31 -3.55	23.56 1.32 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.69 1.91 -2.06	27.88 2.00 -2.31	28.72 2.18 -2.77	30.51 2.38 -4.55	39.46 2.48 -13.36	34.44 2.52 -8.34	39.13 2.54 -12.86	42.01 2.39 -17.71	53.12 2.55 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.30	44.72 2.66 -16.49	43.66 2.54 -15.77	36.15 2.54 -7.38	32.33 2.31 -5.92	29.95 2.49 -1.21

ARTHUR_KILL_COGEN 323718	29.26 2.24 -0.66	26.53 1.84 -1.07	26.16 1.59 -1.78	25.05 1.30 -4.06	23.40 1.16 -3.54	23.40 1.17 -3.44	24.24 1.25 -4.03	24.89 1.33 -4.61	26.61 1.84 -2.05	27.82 1.95 -2.31	28.72 2.18 -2.77	30.57 2.45 -4.54	39.58 2.60 -13.35	34.55 2.64 -8.33	39.26 2.68 -12.85	42.03 2.41 -17.70	53.23 2.67 -27.13	52.49 2.79 -24.99	48.65 2.88 -20.30	44.81 2.76 -16.48	43.73 2.61 -15.76	36.30 2.70 -7.37	32.37 2.36 -5.91	29.89 2.44 -1.21
ASHOKAN____ 23654	27.82 0.71 -0.75	25.50 0.66 -1.23	25.45 0.64 -2.03	24.86 0.55 -4.62	23.21 0.49 -4.03	23.23 0.53 -3.91	24.00 0.45 -4.59	24.39 0.19 -5.25	25.40 0.34 -2.34	26.49 0.31 -2.63	27.32 0.40 -3.15	29.14 0.42 -5.14	31.74 0.50 -7.62	33.59 0.54 -9.47	34.45 0.52 -10.20	36.79 0.55 -14.33	41.24 0.84 -16.97	47.74 0.91 -22.12	49.50 0.97 -23.06	45.26 0.97 -18.72	44.20 0.94 -17.90	35.37 0.81 -8.33	31.42 0.60 -6.72	28.14 0.52 -1.38
ASTORIA_EAST_ENERGY_CC1 323581	29.23 2.21 -0.66	26.51 1.82 -1.08	26.14 1.57 -1.79	25.08 1.32 -4.06	23.42 1.18 -3.54	23.44 1.20 -3.44	24.28 1.29 -4.03	24.93 1.37 -4.61	26.64 1.86 -2.05	27.82 1.95 -2.31	28.69 2.16 -2.77	30.47 2.38 -4.51	32.85 2.53 -6.70	34.45 2.55 -8.33	39.12 2.59 -12.81	41.94 2.32 -17.70	53.09 2.53 -27.13	52.32 2.62 -24.99	48.45 2.67 -20.30	44.63 2.58 -16.48	43.58 2.46 -15.76	36.09 2.54 -7.33	32.25 2.24 -5.91	29.78 2.33 -1.21
ASTORIA_EAST_ENERGY_CC2 323582	29.23 2.21 -0.66	26.51 1.82 -1.08	26.14 1.57 -1.79	25.08 1.32 -4.06	23.42 1.18 -3.54	23.44 1.20 -3.44	24.28 1.29 -4.03	24.93 1.37 -4.61	26.64 1.86 -2.05	27.82 1.95 -2.31	28.69 2.16 -2.77	30.47 2.38 -4.51	32.85 2.53 -6.70	34.45 2.55 -8.33	39.12 2.59 -12.81	41.94 2.32 -17.70	53.09 2.53 -27.13	52.32 2.62 -24.99	48.45 2.67 -20.30	44.63 2.58 -16.48	43.58 2.46 -15.76	36.09 2.54 -7.33	32.25 2.24 -5.91	29.78 2.33 -1.21
ASTORIA_GT2_1 24094	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.95 1.38 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.75 2.21 -2.77	30.50 2.40 -4.52	32.88 2.55 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.82 2.36 -1.21
ASTORIA_GT2_2 24095	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.95 1.38 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.75 2.21 -2.77	30.50 2.40 -4.52	32.88 2.55 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.82 2.36 -1.21
ASTORIA_GT2_3 24096	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.95 1.38 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.75 2.21 -2.77	30.50 2.40 -4.52	32.88 2.55 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.82 2.36 -1.21
ASTORIA_GT2_4 24097	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.95 1.38 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.75 2.21 -2.77	30.50 2.40 -4.52	32.88 2.55 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.82 2.36 -1.21
ASTORIA_GT3_1 24098	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.95 1.38 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.75 2.21 -2.77	30.50 2.40 -4.52	32.88 2.55 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.82 2.36 -1.21
ASTORIA_GT3_2 24099	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.95 1.38 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.75 2.21 -2.77	30.50 2.40 -4.52	32.88 2.55 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.82 2.36 -1.21
ASTORIA_GT3_3 24100	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.95 1.38 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.75 2.21 -2.77	30.50 2.40 -4.52	32.88 2.55 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.82 2.36 -1.21
ASTORIA_GT3_4 24101	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.95 1.38 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.75 2.21 -2.77	30.50 2.40 -4.52	32.88 2.55 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.82 2.36 -1.21
ASTORIA_GT4_1 24102	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.95 1.38 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.75 2.21 -2.77	30.50 2.40 -4.52	32.88 2.55 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.82 2.36 -1.21
ASTORIA_GT4_2 24103	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.95 1.38 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.75 2.21 -2.77	30.50 2.40 -4.52	32.88 2.55 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.82 2.36 -1.21
ASTORIA_GT4_3 24104	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.95 1.38 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.75 2.21 -2.77	30.50 2.40 -4.52	32.88 2.55 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.82 2.36 -1.21

ASTORIA_GT4_4 24105	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.95 1.38 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.75 2.21 -2.77	30.50 2.40 -4.52	32.88 2.55 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.82 2.36 -1.21
ASTORIA_GT_1 23523	29.29 2.27 -0.66	26.56 1.86 -1.08	26.19 1.62 -1.79	25.14 1.38 -4.06	23.45 1.21 -3.54	23.47 1.24 -3.44	24.31 1.33 -4.03	24.96 1.40 -4.61	26.68 1.91 -2.05	27.87 2.00 -2.31	28.76 2.23 -2.77	30.54 2.45 -4.51	32.92 2.60 -6.70	34.52 2.62 -8.33	39.20 2.66 -12.81	42.00 2.39 -17.70	53.16 2.60 -27.13	52.39 2.69 -24.99	48.53 2.75 -20.30	44.71 2.66 -16.48	43.65 2.54 -15.76	36.17 2.62 -7.33	32.32 2.31 -5.91	29.86 2.41 -1.21
ASTORIA_GT_10 24110	29.29 2.27 -0.66	26.60 1.91 -1.08	26.26 1.69 -1.79	25.16 1.40 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.71 1.93 -2.06	27.92 2.05 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.51 2.59 -8.34	39.18 2.63 -12.82	42.01 2.39 -17.71	53.16 2.60 -27.14	52.47 2.77 -25.00	48.61 2.83 -20.31	44.79 2.74 -16.49	43.74 2.61 -15.77	36.23 2.67 -7.34	32.37 2.36 -5.92	29.95 2.49 -1.21
ASTORIA_GT_11 24225	29.29 2.27 -0.66	26.60 1.91 -1.08	26.26 1.69 -1.79	25.16 1.40 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.71 1.93 -2.06	27.92 2.05 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.51 2.59 -8.34	39.18 2.63 -12.82	42.01 2.39 -17.71	53.16 2.60 -27.14	52.47 2.77 -25.00	48.61 2.83 -20.31	44.79 2.74 -16.49	43.74 2.61 -15.77	36.23 2.67 -7.34	32.37 2.36 -5.92	29.95 2.49 -1.21
ASTORIA_GT_12 24226	29.29 2.27 -0.66	26.60 1.91 -1.08	26.26 1.69 -1.79	25.16 1.40 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.71 1.93 -2.06	27.92 2.05 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.51 2.59 -8.34	39.18 2.63 -12.82	42.01 2.39 -17.71	53.16 2.60 -27.14	52.47 2.77 -25.00	48.61 2.83 -20.31	44.79 2.74 -16.49	43.74 2.61 -15.77	36.23 2.67 -7.34	32.37 2.36 -5.92	29.95 2.49 -1.21
ASTORIA_GT_13 24227	29.29 2.27 -0.66	26.60 1.91 -1.08	26.26 1.69 -1.79	25.16 1.40 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.71 1.93 -2.06	27.92 2.05 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.51 2.59 -8.34	39.18 2.63 -12.82	42.01 2.39 -17.71	53.16 2.60 -27.14	52.47 2.77 -25.00	48.61 2.83 -20.31	44.79 2.74 -16.49	43.74 2.61 -15.77	36.23 2.67 -7.34	32.37 2.36 -5.92	29.95 2.49 -1.21
ASTORIA_GT_5 24106	29.29 2.27 -0.66	26.56 1.87 -1.08	26.19 1.62 -1.79	25.14 1.38 -4.06	23.46 1.22 -3.55	23.48 1.24 -3.45	24.32 1.33 -4.04	24.99 1.42 -4.62	26.69 1.91 -2.06	27.90 2.03 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	41.99 2.37 -17.71	53.14 2.58 -27.14	52.45 2.74 -25.00	48.58 2.80 -20.31	44.79 2.74 -16.49	43.71 2.59 -15.77	36.18 2.62 -7.34	32.35 2.34 -5.92	29.87 2.41 -1.21
ASTORIA_GT_7 24107	29.29 2.27 -0.66	26.56 1.87 -1.08	26.19 1.62 -1.79	25.14 1.38 -4.06	23.46 1.22 -3.55	23.48 1.24 -3.45	24.32 1.33 -4.04	24.99 1.42 -4.62	26.69 1.91 -2.06	27.90 2.03 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	41.99 2.37 -17.71	53.14 2.58 -27.14	52.45 2.74 -25.00	48.58 2.80 -20.31	44.79 2.74 -16.49	43.71 2.59 -15.77	36.18 2.62 -7.34	32.35 2.34 -5.92	29.87 2.41 -1.21
ASTORIA_GT_8 24108	29.29 2.27 -0.66	26.56 1.87 -1.08	26.19 1.62 -1.79	25.14 1.38 -4.06	23.46 1.22 -3.55	23.48 1.24 -3.45	24.32 1.33 -4.04	24.99 1.42 -4.62	26.69 1.91 -2.06	27.90 2.03 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	41.99 2.37 -17.71	53.14 2.58 -27.14	52.45 2.74 -25.00	48.58 2.80 -20.31	44.79 2.74 -16.49	43.71 2.59 -15.77	36.18 2.62 -7.34	32.35 2.34 -5.92	29.87 2.41 -1.21
ASTORIA___2 24149	29.23 2.21 -0.66	26.51 1.82 -1.08	26.16 1.59 -1.79	25.10 1.34 -4.06	23.44 1.20 -3.54	23.45 1.22 -3.44	24.28 1.29 -4.03	24.94 1.38 -4.61	26.64 1.86 -2.05	27.82 1.95 -2.31	28.72 2.18 -2.77	30.50 2.41 -4.51	32.88 2.55 -6.70	34.47 2.57 -8.33	39.15 2.61 -12.81	41.96 2.35 -17.70	53.09 2.53 -27.13	52.34 2.65 -24.99	48.47 2.70 -20.30	44.66 2.61 -16.48	43.60 2.49 -15.76	36.12 2.57 -7.33	32.27 2.26 -5.91	29.81 2.36 -1.21
ASTORIA___3 23516	29.29 2.27 -0.66	26.60 1.91 -1.08	26.26 1.69 -1.79	25.16 1.40 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	24.99 1.42 -4.62	26.71 1.93 -2.06	27.90 2.03 -2.31	28.77 2.23 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.53 2.62 -8.34	39.20 2.66 -12.82	42.03 2.41 -17.71	53.16 2.60 -27.14	52.42 2.72 -25.00	48.56 2.78 -20.31	44.74 2.68 -16.49	43.68 2.56 -15.77	36.21 2.65 -7.34	32.38 2.36 -5.92	29.92 2.47 -1.21
ASTORIA___4 23517	29.29 2.27 -0.66	26.60 1.91 -1.08	26.26 1.69 -1.79	25.16 1.40 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.71 1.93 -2.06	27.92 2.05 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.51 2.59 -8.34	39.18 2.63 -12.82	42.01 2.39 -17.71	53.16 2.60 -27.14	52.47 2.77 -25.00	48.61 2.83 -20.31	44.79 2.74 -16.49	43.74 2.61 -15.77	36.23 2.67 -7.34	32.37 2.36 -5.92	29.92 2.47 -1.21
ASTORIA___5 23518	29.29 2.27 -0.66	26.60 1.91 -1.08	26.26 1.69 -1.79	25.16 1.40 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	24.99 1.42 -4.62	26.71 1.93 -2.06	27.90 2.03 -2.31	28.77 2.23 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.55 2.64 -8.34	39.20 2.66 -12.82	42.03 2.41 -17.71	53.16 2.60 -27.14	52.42 2.72 -25.00	48.56 2.78 -20.31	44.74 2.68 -16.49	43.68 2.56 -15.77	36.21 2.65 -7.34	32.38 2.36 -5.92	29.95 2.49 -1.21
AST_ENERGY_2_CC3 323677	29.23 2.21 -0.66	26.58 1.89 -1.08	26.26 1.69 -1.79	25.14 1.38 -4.06	23.56 1.31 -3.55	23.56 1.32 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.69 1.91 -2.06	27.88 2.00 -2.31	28.72 2.18 -2.77	30.48 2.38 -4.52	32.81 2.48 -6.71	34.44 2.52 -8.34	39.11 2.56 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.40 2.69 -25.00	48.53 2.75 -20.30	44.74 2.68 -16.49	43.66 2.54 -15.77	36.10 2.54 -7.34	32.33 2.31 -5.92	29.95 2.49 -1.21
AST_ENERGY_2_CC4 323678	29.23 2.21 -0.66	26.58 1.89 -1.08	26.26 1.69 -1.79	25.14 1.38 -4.06	23.56 1.31 -3.55	23.56 1.32 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.69 1.91 -2.06	27.88 2.00 -2.31	28.72 2.18 -2.77	30.48 2.38 -4.52	32.81 2.48 -6.71	34.44 2.52 -8.34	39.11 2.56 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.40 2.69 -25.00	48.53 2.75 -20.30	44.74 2.68 -16.49	43.66 2.54 -15.77	36.10 2.54 -7.34	32.33 2.31 -5.92	29.95 2.49 -1.21

ATHENS_STG_1 23668	28.29 1.19 -0.75	25.84 1.01 -1.22	25.73 0.93 -2.02	25.09 0.81 -4.59	23.47 0.77 -4.01	23.46 0.77 -3.89	24.29 0.78 -4.56	24.96 0.80 -5.22	26.09 1.05 -2.32	27.26 1.08 -2.61	28.01 1.12 -3.13	29.84 1.15 -5.11	32.40 1.20 -7.58	34.19 1.20 -9.41	35.10 1.23 -10.14	37.34 1.18 -14.24	41.57 1.26 -16.87	48.00 1.31 -21.99	49.73 1.32 -22.93	45.49 1.30 -18.61	44.43 1.27 -17.80	35.79 1.28 -8.28	31.96 1.18 -6.68	28.84 1.23 -1.37
ATHENS_STG_2 23670	28.29 1.19 -0.75	25.84 1.01 -1.22	25.73 0.93 -2.02	25.09 0.81 -4.59	23.47 0.77 -4.01	23.46 0.77 -3.89	24.29 0.78 -4.56	24.96 0.80 -5.22	26.09 1.05 -2.32	27.26 1.08 -2.61	28.01 1.12 -3.13	29.84 1.15 -5.11	32.40 1.20 -7.58	34.19 1.20 -9.41	35.10 1.23 -10.14	37.34 1.18 -14.24	41.57 1.26 -16.87	48.00 1.31 -21.99	49.73 1.32 -22.93	45.49 1.30 -18.61	44.43 1.27 -17.80	35.79 1.28 -8.28	31.96 1.18 -6.68	28.84 1.23 -1.37
ATHENS_STG_3 23677	28.29 1.19 -0.75	25.84 1.01 -1.22	25.73 0.93 -2.02	25.09 0.81 -4.59	23.47 0.77 -4.01	23.46 0.77 -3.89	24.29 0.78 -4.56	24.96 0.80 -5.22	26.09 1.05 -2.32	27.26 1.08 -2.61	28.01 1.12 -3.13	29.84 1.15 -5.11	32.40 1.20 -7.58	34.19 1.20 -9.41	35.10 1.23 -10.14	37.34 1.18 -14.24	41.57 1.26 -16.87	48.00 1.31 -21.99	49.73 1.32 -22.93	45.49 1.30 -18.61	44.43 1.27 -17.80	35.79 1.28 -8.28	31.96 1.18 -6.68	28.84 1.23 -1.37
AUBURN___LFGE 323710	26.62 0.18 -0.08	23.83 0.09 -0.12	23.01 0.02 -0.21	20.18 0.02 -0.47	19.16 0.06 -0.41	19.25 0.06 -0.40	19.46 0.04 -0.47	19.52 0.04 -0.53	22.96 0.00 -0.24	23.97 0.14 -0.27	24.20 0.12 -0.32	24.12 0.02 -0.52	24.44 0.05 -0.77	24.54 0.00 -0.96	24.76 0.00 -1.03	23.37 0.00 -1.45	25.10 -0.05 -1.72	27.08 0.12 -2.24	28.01 0.15 -2.38	27.60 0.13 -1.90	27.28 0.10 -1.82	27.17 0.10 -0.85	24.82 0.05 -0.68	26.41 0.03 -0.14
BABYLON_RES_REC 323704	35.91 2.66 -6.89	35.00 2.29 -9.10	34.41 2.07 -9.56	31.55 1.75 -10.10	29.39 1.66 -9.03	32.16 1.67 -11.69	25.67 1.71 -5.01	27.89 1.76 -7.18	33.19 2.25 -8.21	35.05 2.36 -9.13	39.43 2.54 -13.12	43.02 2.66 -16.79	45.59 2.76 -19.21	60.67 2.80 -34.29	66.60 2.85 -40.02	71.67 2.70 -47.06	78.59 2.93 -52.23	71.15 3.09 -43.35	66.34 3.18 -37.68	51.24 3.14 -22.52	50.59 2.99 -22.24	52.91 3.01 -23.67	39.38 2.72 -12.57	38.13 2.91 -8.98
BABYLON__69_KV_BK2 356345	36.23 2.98 -6.89	35.28 2.57 -9.10	34.68 2.35 -9.56	31.77 1.97 -10.10	29.62 1.89 -9.03	32.39 1.90 -11.69	25.90 1.93 -5.01	28.12 1.99 -7.18	33.46 2.52 -8.21	35.35 2.66 -9.13	39.81 2.92 -13.12	43.18 2.99 -16.61	45.68 3.12 -18.94	60.65 3.16 -33.92	66.46 3.16 -39.58	71.46 2.98 -46.56	78.36 3.21 -51.72	75.32 3.46 -47.15	66.43 3.57 -37.39	52.71 3.58 -23.56	50.92 3.42 -22.14	53.17 3.44 -23.51	39.74 3.08 -12.57	38.47 3.25 -8.98
BALL_HILL_WT_PWR 323825	25.01 -1.45 -0.10	22.38 -1.39 -0.16	21.57 -1.48 -0.27	19.15 -1.16 -0.62	18.27 -0.97 -0.54	18.34 -0.98 -0.52	18.45 -1.12 -0.62	18.40 -1.25 -0.70	21.38 -1.66 -0.31	22.33 -1.58 -0.35	22.45 -1.73 -0.42	22.50 -1.77 -0.69	23.01 -1.63 -1.02	23.03 -1.81 -1.27	23.32 -1.78 -1.37	22.33 -1.51 -1.92	24.04 -1.66 -2.28	25.82 -1.85 -2.96	26.58 -1.99 -3.09	26.01 -2.07 -2.51	25.73 -2.03 -2.40	25.27 -2.07 -1.12	23.16 -1.83 -0.90	24.85 -1.57 -0.18
BARON_WINDS___WT_PWR 323822	25.65 -0.84 -0.14	23.03 -0.80 -0.22	22.26 -0.89 -0.37	19.82 -0.71 -0.84	18.83 -0.60 -0.73	18.90 -0.60 -0.71	19.12 -0.66 -0.83	19.16 -0.74 -0.95	22.17 -0.98 -0.42	23.09 -0.94 -0.48	23.24 -1.09 -0.57	23.40 -1.11 -0.93	23.97 -1.04 -1.38	24.14 -1.15 -1.72	24.42 -1.16 -1.85	23.56 -0.96 -2.60	25.46 -1.05 -3.08	27.59 -1.14 -4.02	28.48 -1.20 -4.20	27.79 -1.18 -3.40	27.45 -1.17 -3.25	26.50 -1.23 -1.51	24.23 -1.08 -1.22	25.57 -0.92 -0.25
BARRETT_IC_1 23704	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.71 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98
BARRETT_IC_10 23701	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.71 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98
BARRETT_IC_11 23702	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.71 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98
BARRETT_IC_12 23703	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.71 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98
BARRETT_IC_2 23705	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.71 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98
BARRETT_IC_3 23706	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.71 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98
BARRETT_IC_4 23707	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.71 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98

BARRETT_IC_5 23708	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.71 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98
BARRETT_IC_6 23709	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.71 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98
BARRETT_IC_7 23710	35.75 2.50 -6.89	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.09 2.16 -8.21	35.00 2.31 -9.13	39.35 2.47 -13.12	58.08 2.55 -31.96	66.24 2.72 -39.90	61.23 2.71 -34.94	67.29 2.75 -40.81	72.45 2.59 -47.95	79.48 2.74 -53.32	69.74 2.97 -42.07	66.81 3.03 -38.30	50.67 2.99 -22.11	50.64 2.84 -22.45	53.06 2.83 -24.01	39.24 2.58 -12.57	37.97 2.76 -8.98
BARRETT_IC_8 23711	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.71 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98
BARRETT_IC_9 23700	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.71 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98
BARRETT___1 23545	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.75 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98
BARRETT___2 23546	35.76 2.51 -6.90	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.56 1.59 -5.01	27.78 1.65 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.34 2.45 -13.13	58.08 2.55 -31.96	66.19 2.67 -39.90	61.24 2.71 -34.95	67.30 2.75 -40.82	72.48 2.61 -47.96	79.53 2.79 -53.32	69.70 2.91 -42.08	66.76 2.98 -38.31	50.60 2.91 -22.12	50.60 2.79 -22.45	53.04 2.81 -24.01	39.22 2.55 -12.57	37.98 2.75 -8.98
BATAVIA__115KV_TB1 55881	25.70 -0.74 -0.08	22.97 -0.78 -0.14	22.12 -0.89 -0.23	19.50 -0.71 -0.52	18.59 -0.56 -0.45	18.69 -0.55 -0.44	18.77 -0.70 -0.51	18.67 -0.87 -0.59	21.78 -1.20 -0.26	22.82 -1.04 -0.29	23.02 -1.09 -0.35	22.83 -1.32 -0.58	23.30 -1.18 -0.85	23.20 -1.44 -1.06	23.50 -1.38 -1.14	22.52 -1.01 -1.61	24.16 -1.17 -1.90	26.50 -0.69 -2.48	27.42 -0.64 -2.58	26.93 -0.74 -2.10	26.56 -0.81 -2.01	26.48 -0.68 -0.93	23.91 -0.94 -0.75	25.27 -1.13 -0.15
BAYONEEC___CTG1 323682	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.74 1.95 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.42 2.72 -25.00	48.58 2.80 -20.30	44.77 2.71 -16.49	43.71 2.59 -15.77	36.16 2.60 -7.34	32.38 2.36 -5.92	29.97 2.52 -1.21
BAYONEEC___CTG10 323750	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.74 1.95 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.42 2.72 -25.00	48.58 2.80 -20.30	44.77 2.71 -16.49	43.71 2.59 -15.77	36.16 2.60 -7.34	32.38 2.36 -5.92	29.97 2.52 -1.21
BAYONEEC___CTG2 323683	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.74 1.95 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.42 2.72 -25.00	48.58 2.80 -20.30	44.77 2.71 -16.49	43.71 2.59 -15.77	36.16 2.60 -7.34	32.38 2.36 -5.92	29.97 2.52 -1.21
BAYONEEC___CTG3 323684	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.74 1.95 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.42 2.72 -25.00	48.58 2.80 -20.30	44.77 2.71 -16.49	43.71 2.59 -15.77	36.16 2.60 -7.34	32.38 2.36 -5.92	29.97 2.52 -1.21
BAYONEEC___CTG4 323685	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.74 1.95 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.42 2.72 -25.00	48.58 2.80 -20.30	44.77 2.71 -16.49	43.71 2.59 -15.77	36.16 2.60 -7.34	32.38 2.36 -5.92	29.97 2.52 -1.21
BAYONEEC___CTG5 323686	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.74 1.95 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.42 2.72 -25.00	48.58 2.80 -20.30	44.77 2.71 -16.49	43.71 2.59 -15.77	36.16 2.60 -7.34	32.38 2.36 -5.92	29.97 2.52 -1.21
BAYONEEC___CTG6 323687	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.74 1.95 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.42 2.72 -25.00	48.58 2.80 -20.30	44.77 2.71 -16.49	43.71 2.59 -15.77	36.16 2.60 -7.34	32.38 2.36 -5.92	29.97 2.52 -1.21

BAYONEEC___CTG7 323688	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.74 1.95 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.42 2.72 -25.00	48.58 2.80 -20.30	44.77 2.71 -16.49	43.71 2.59 -15.77	36.16 2.60 -7.34	32.38 2.36 -5.92	29.97 2.52 -1.21
BAYONEEC___CTG8 323689	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.74 1.95 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.42 2.72 -25.00	48.58 2.80 -20.30	44.77 2.71 -16.49	43.71 2.59 -15.77	36.16 2.60 -7.34	32.38 2.36 -5.92	29.97 2.52 -1.21
BAYONEEC___CTG9 323749	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.74 1.95 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.42 2.72 -25.00	48.58 2.80 -20.30	44.77 2.71 -16.49	43.71 2.59 -15.77	36.16 2.60 -7.34	32.38 2.36 -5.92	29.97 2.52 -1.21
BEACON___LESR 323632	28.18 0.98 -0.84	25.94 0.95 -1.38	26.14 1.07 -2.29	25.84 0.95 -5.20	24.13 0.90 -4.54	24.10 0.90 -4.41	25.01 0.89 -5.17	25.63 0.78 -5.91	26.29 0.93 -2.63	27.51 0.99 -2.96	28.33 1.02 -3.55	30.33 0.97 -5.78	33.17 0.97 -8.58	35.15 0.92 -10.66	36.14 0.92 -11.48	38.95 0.90 -16.13	43.52 0.98 -19.11	50.67 1.06 -24.90	52.49 1.04 -25.97	47.70 1.05 -21.08	46.56 1.04 -20.16	36.68 1.08 -9.38	32.60 0.94 -7.57	28.76 0.97 -1.55
BEAVER RIVER___HYD 24048	25.88 -0.50 -0.02	23.22 -0.42 -0.03	22.43 -0.41 -0.06	19.49 -0.33 -0.13	18.46 -0.36 -0.11	18.55 -0.36 -0.11	18.76 -0.32 -0.13	18.66 -0.44 -0.15	22.15 -0.64 -0.07	22.95 -0.68 -0.07	23.12 -0.74 -0.09	22.94 -0.78 -0.15	22.99 -0.85 -0.22	22.95 -0.90 -0.27	23.09 -0.93 -0.29	21.49 -0.83 -0.41	23.11 -0.80 -0.48	24.62 -0.72 -0.63	25.54 -0.61 -0.68	25.79 -0.31 -0.53	25.56 -0.30 -0.51	26.20 -0.26 -0.24	24.00 -0.29 -0.19	25.86 -0.42 -0.04
BEEBEE_GT_13 23619	25.98 -0.45 -0.07	23.21 -0.52 -0.12	22.38 -0.59 -0.20	19.64 -0.49 -0.44	18.71 -0.37 -0.39	18.80 -0.38 -0.38	18.92 -0.47 -0.44	18.87 -0.59 -0.50	22.17 -0.77 -0.22	23.20 -0.61 -0.25	23.43 -0.64 -0.30	23.29 -0.78 -0.49	23.69 -0.66 -0.73	23.64 -0.85 -0.91	23.88 -0.83 -0.98	22.68 -0.61 -1.38	24.33 -0.73 -1.63	26.44 -0.40 -2.12	27.31 -0.38 -2.21	26.88 -0.49 -1.80	26.55 -0.53 -1.72	26.60 -0.42 -0.80	24.11 -0.63 -0.65	25.61 -0.76 -0.13
BENSHRST_27_KV_BENSHRST_1 355998	29.52 2.50 -0.66	26.77 2.08 -1.08	26.41 1.85 -1.79	25.25 1.50 -4.06	23.61 1.36 -3.55	23.61 1.37 -3.45	24.44 1.44 -4.04	25.09 1.52 -4.62	26.87 2.09 -2.06	28.09 2.21 -2.31	28.99 2.45 -2.77	30.84 2.69 -4.58	46.18 2.86 -19.70	34.74 2.83 -8.34	39.50 2.89 -12.87	42.25 2.63 -17.71	53.47 2.91 -27.14	52.80 3.09 -25.00	48.97 3.18 -20.31	45.12 3.07 -16.49	44.04 2.92 -15.77	36.58 2.96 -7.39	32.64 2.63 -5.92	30.16 2.70 -1.21
BETHLEHEM___GRP 23843	27.81 0.61 -0.85	25.61 0.61 -1.38	25.91 0.84 -2.29	25.65 0.75 -5.20	23.97 0.73 -4.54	23.92 0.71 -4.41	24.83 0.70 -5.17	25.43 0.57 -5.92	25.97 0.61 -2.64	27.18 0.66 -2.96	28.01 0.69 -3.55	29.96 0.59 -5.79	32.81 0.59 -8.59	34.81 0.57 -10.67	35.79 0.57 -11.50	38.62 0.55 -16.15	43.12 0.56 -19.13	50.26 0.62 -24.93	52.11 0.64 -26.00	47.32 0.64 -21.11	46.18 0.63 -20.18	36.27 0.66 -9.39	32.25 0.58 -7.58	28.42 0.63 -1.55
BETHLEHEM___GS1 323560	27.81 0.61 -0.85	25.61 0.61 -1.38	25.91 0.84 -2.29	25.64 0.75 -5.20	23.97 0.73 -4.54	23.92 0.71 -4.41	24.83 0.70 -5.17	25.43 0.57 -5.92	25.97 0.61 -2.64	27.16 0.64 -2.96	27.98 0.66 -3.55	29.96 0.59 -5.79	32.81 0.59 -8.59	34.81 0.56 -10.67	35.79 0.57 -11.50	38.64 0.57 -16.15	43.17 0.61 -19.13	50.28 0.64 -24.93	52.11 0.64 -26.00	47.32 0.64 -21.11	46.20 0.66 -20.18	36.30 0.68 -9.39	32.28 0.60 -7.58	28.42 0.63 -1.55
BETHLEHEM___GS2 323561	27.81 0.61 -0.85	25.61 0.61 -1.38	25.91 0.84 -2.29	25.64 0.75 -5.20	23.97 0.73 -4.54	23.92 0.71 -4.41	24.83 0.70 -5.17	25.43 0.57 -5.92	25.97 0.61 -2.64	27.16 0.64 -2.96	27.98 0.66 -3.55	29.96 0.59 -5.79	32.81 0.59 -8.59	34.81 0.56 -10.67	35.79 0.57 -11.50	38.64 0.57 -16.15	43.17 0.61 -19.13	50.28 0.64 -24.93	52.11 0.64 -26.00	47.32 0.64 -21.11	46.20 0.66 -20.18	36.30 0.68 -9.39	32.28 0.60 -7.58	28.42 0.63 -1.55
BETHLEHEM___GS3 323562	27.81 0.61 -0.85	25.61 0.61 -1.38	25.91 0.84 -2.29	25.64 0.75 -5.20	23.97 0.73 -4.54	23.92 0.71 -4.41	24.83 0.70 -5.17	25.43 0.57 -5.92	25.97 0.61 -2.64	27.16 0.64 -2.96	27.98 0.66 -3.55	29.96 0.59 -5.79	32.81 0.59 -8.59	34.81 0.56 -10.67	35.79 0.57 -11.50	38.64 0.57 -16.15	43.17 0.61 -19.13	50.28 0.64 -24.93	52.11 0.64 -26.00	47.32 0.64 -21.11	46.20 0.66 -20.18	36.30 0.68 -9.39	32.28 0.60 -7.58	28.42 0.63 -1.55
BETHLEHEM___STEEL 23779	25.03 -1.42 -0.10	22.38 -1.39 -0.16	21.59 -1.46 -0.27	19.14 -1.16 -0.61	18.24 -0.99 -0.53	18.31 -1.00 -0.52	18.42 -1.14 -0.60	18.33 -1.31 -0.69	21.33 -1.70 -0.31	22.38 -1.53 -0.35	22.59 -1.59 -0.41	22.41 -1.84 -0.68	22.95 -1.68 -1.00	22.94 -1.89 -1.25	23.24 -1.83 -1.34	22.44 -1.36 -1.89	24.02 -1.64 -2.23	26.36 -1.26 -2.91	27.29 -1.22 -3.03	26.68 -1.36 -2.46	26.25 -1.47 -2.36	25.96 -1.36 -1.10	23.51 -1.47 -0.89	24.80 -1.63 -0.18
BETHLHEM_115KV_TB1 79974	27.86 0.66 -0.85	25.65 0.66 -1.38	25.91 0.84 -2.29	25.64 0.75 -5.20	23.95 0.71 -4.54	23.92 0.71 -4.41	24.83 0.70 -5.17	25.45 0.59 -5.91	26.01 0.66 -2.63	27.23 0.71 -2.96	28.03 0.71 -3.55	30.00 0.64 -5.79	32.85 0.64 -8.59	34.85 0.61 -10.67	35.86 0.64 -11.49	38.65 0.59 -16.14	43.18 0.63 -19.12	50.32 0.69 -24.92	52.17 0.71 -25.98	47.35 0.69 -21.09	46.22 0.68 -20.17	36.34 0.73 -9.39	32.32 0.65 -7.57	28.48 0.68 -1.55
BETHPAGE_CC_5 323564	35.75 2.51 -6.89	34.86 2.15 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.05 1.56 -11.69	25.58 1.61 -5.01	27.80 1.67 -7.18	33.10 2.16 -8.21	34.97 2.28 -9.13	39.36 2.47 -13.12	43.44 2.57 -17.30	46.21 2.67 -19.92	60.80 2.73 -34.49	66.77 2.77 -40.27	71.89 2.63 -47.34	78.80 2.83 -52.54	69.82 2.96 -42.14	66.34 3.00 -37.86	50.69 2.94 -22.18	50.47 2.81 -22.30	52.85 2.86 -23.77	39.24 2.58 -12.57	37.97 2.75 -8.98
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.98 -1.48 -0.10	22.36 -1.42 -0.16	21.55 -1.50 -0.27	19.11 -1.20 -0.62	18.21 -1.03 -0.54	18.28 -1.03 -0.52	18.39 -1.18 -0.61	18.34 -1.31 -0.70	21.31 -1.73 -0.31	22.38 -1.53 -0.35	22.59 -1.59 -0.42	22.42 -1.84 -0.68	22.94 -1.70 -1.02	22.95 -1.89 -1.26	23.26 -1.83 -1.36	22.47 -1.36 -1.91	24.03 -1.66 -2.26	26.35 -1.31 -2.95	27.30 -1.25 -3.07	26.68 -1.38 -2.50	26.25 -1.50 -2.39	25.92 -1.42 -1.11	23.52 -1.47 -0.90	24.75 -1.68 -0.18

BINGHAMTON___COGEN 23790	26.77 0.21 -0.20	24.06 0.12 -0.33	23.37 0.05 -0.54	20.99 0.06 -1.23	19.87 0.09 -1.08	19.92 0.08 -1.05	20.26 0.08 -1.23	20.41 0.06 -1.40	23.39 0.05 -0.63	24.41 0.14 -0.70	24.73 0.12 -0.84	25.00 0.05 -1.37	25.76 0.09 -2.04	26.13 0.02 -2.53	26.50 0.05 -2.73	25.86 0.11 -3.83	28.04 0.07 -4.54	30.85 0.22 -5.91	31.92 0.25 -6.19	30.81 0.23 -5.01	30.33 0.18 -4.79	28.64 0.18 -2.23	26.04 0.14 -1.80	26.74 0.13 -0.37
BIXINCNT_115KV_LOAD 355685	24.49 -1.98 -0.11	21.94 -1.84 -0.17	21.13 -1.94 -0.29	18.79 -1.56 -0.65	17.92 -1.35 -0.57	18.09 -1.26 -0.55	18.14 -1.46 -0.65	18.23 -1.46 -0.74	21.17 -1.89 -0.33	22.16 -1.77 -0.37	22.26 -1.95 -0.44	22.16 -2.15 -0.73	22.71 -1.98 -1.08	22.72 -2.19 -1.34	23.01 -2.16 -1.44	22.17 -1.78 -2.02	23.65 -2.18 -2.40	26.05 -1.78 -3.12	27.05 -1.68 -3.26	26.45 -1.76 -2.64	25.99 -1.90 -2.53	25.64 -1.76 -1.18	23.36 -1.69 -0.95	24.55 -1.89 -0.19
BLACK RIVER___HYD 24047	26.15 -0.24 -0.03	23.42 -0.24 -0.05	22.61 -0.25 -0.08	19.66 -0.22 -0.18	18.63 -0.22 -0.16	18.73 -0.22 -0.15	18.91 -0.23 -0.18	18.80 -0.36 -0.21	22.25 -0.57 -0.09	23.10 -0.57 -0.10	23.25 -0.64 -0.12	23.09 -0.68 -0.20	23.12 -0.80 -0.30	23.08 -0.87 -0.37	23.21 -0.93 -0.40	21.70 -0.79 -0.57	23.35 -0.75 -0.67	24.94 -0.64 -0.87	25.92 -0.51 -0.95	26.05 -0.26 -0.74	25.81 -0.25 -0.71	26.37 -0.18 -0.33	24.12 -0.24 -0.27	25.95 -0.34 -0.05
BLACKRVR_115KV_TB2 79977	26.15 -0.24 -0.03	23.42 -0.24 -0.05	22.61 -0.25 -0.08	19.66 -0.22 -0.18	18.63 -0.22 -0.16	18.72 -0.23 -0.15	18.91 -0.23 -0.18	18.80 -0.36 -0.21	22.25 -0.57 -0.09	23.12 -0.54 -0.10	23.27 -0.62 -0.12	23.10 -0.68 -0.20	23.12 -0.80 -0.30	23.08 -0.87 -0.37	23.21 -0.93 -0.40	21.67 -0.81 -0.57	23.30 -0.80 -0.67	24.94 -0.64 -0.87	25.92 -0.51 -0.95	26.05 -0.26 -0.74	25.84 -0.23 -0.71	26.40 -0.16 -0.33	24.12 -0.24 -0.27	25.95 -0.34 -0.05
BLISS_WT_PWR 323608	24.35 -2.11 -0.11	21.82 -1.96 -0.17	21.04 -2.03 -0.29	18.71 -1.63 -0.65	17.85 -1.42 -0.57	18.03 -1.32 -0.55	18.07 -1.53 -0.65	18.17 -1.52 -0.74	21.12 -1.93 -0.33	22.00 -1.93 -0.37	21.97 -2.23 -0.44	22.06 -2.24 -0.73	22.64 -2.06 -1.08	22.67 -2.24 -1.34	22.91 -2.25 -1.44	21.88 -2.06 -2.02	23.48 -2.34 -2.40	25.36 -2.47 -3.12	26.24 -2.50 -3.26	25.63 -2.58 -2.64	25.38 -2.51 -2.53	24.86 -2.54 -1.18	22.87 -2.17 -0.95	24.47 -1.97 -0.19
BLUESTONE___WT_PWR 323821	28.10 1.53 -0.22	25.26 1.30 -0.35	24.52 1.16 -0.58	22.06 1.04 -1.32	20.88 1.03 -1.16	20.99 1.07 -1.12	21.41 1.14 -1.32	21.51 1.06 -1.50	24.64 1.25 -0.67	25.59 1.27 -0.75	25.88 1.21 -0.90	26.18 1.13 -1.47	26.89 1.09 -2.19	27.26 0.97 -2.71	27.60 0.95 -2.92	26.99 0.96 -4.11	29.37 1.08 -4.87	32.29 1.23 -6.34	33.40 1.30 -6.63	32.32 1.38 -5.37	31.79 1.29 -5.13	29.95 1.34 -2.39	27.20 1.18 -1.93	27.92 1.29 -0.40
BLUE_CIRC_CHEM_DRP 24182	28.11 0.92 -0.83	25.84 0.87 -1.36	25.96 0.93 -2.25	25.63 0.83 -5.11	23.96 0.80 -4.46	23.93 0.81 -4.33	24.81 0.78 -5.08	25.44 0.68 -5.81	26.10 0.80 -2.59	27.27 0.80 -2.91	28.03 0.78 -3.49	29.97 0.71 -5.68	32.74 0.69 -8.43	34.71 0.66 -10.48	35.70 0.69 -11.28	38.43 0.66 -15.85	42.91 0.70 -18.78	50.00 0.82 -24.47	51.83 0.84 -25.52	47.16 0.87 -20.72	46.06 0.89 -19.81	36.39 0.94 -9.22	32.35 0.82 -7.44	28.66 0.89 -1.53
BOC_GAS_DRP 24189	27.99 0.79 -0.84	25.72 0.73 -1.38	25.81 0.75 -2.28	25.53 0.65 -5.18	23.86 0.64 -4.53	23.83 0.64 -4.39	24.73 0.63 -5.15	25.43 0.59 -5.89	26.07 0.73 -2.62	27.29 0.78 -2.95	28.09 0.78 -3.54	30.10 0.75 -5.77	32.96 0.78 -8.56	34.96 0.75 -10.63	35.96 0.78 -11.45	38.73 0.72 -16.08	43.26 0.77 -19.06	50.38 0.84 -24.83	52.23 0.87 -25.89	47.46 0.87 -21.02	46.30 0.84 -20.10	36.44 0.87 -9.35	32.44 0.80 -7.55	28.63 0.84 -1.55
BOONVILLE_115KV_TB1 79983	26.77 0.40 -0.02	23.97 0.33 -0.03	23.12 0.30 -0.05	20.08 0.28 -0.11	19.06 0.26 -0.10	19.15 0.26 -0.10	19.37 0.30 -0.11	19.30 0.23 -0.13	23.01 0.23 -0.06	23.86 0.24 -0.06	24.06 0.21 -0.08	23.84 0.14 -0.13	23.90 0.09 -0.19	23.85 0.05 -0.23	24.00 0.02 -0.25	22.31 0.04 -0.35	23.94 0.09 -0.41	25.47 0.22 -0.54	26.33 0.28 -0.57	26.49 0.46 -0.46	26.23 0.43 -0.44	26.90 0.47 -0.20	24.64 0.39 -0.16	26.62 0.34 -0.03
BORALEX_4TH_BRANCH 23824	28.68 1.48 -0.84	26.31 1.32 -1.38	26.29 1.23 -2.28	25.98 1.10 -5.18	24.29 1.07 -4.52	24.26 1.07 -4.39	25.18 1.08 -5.15	25.96 1.12 -5.89	26.78 1.43 -2.62	28.02 1.51 -2.95	28.77 1.47 -3.54	30.78 1.44 -5.76	33.55 1.37 -8.55	35.52 1.32 -10.63	36.50 1.33 -11.44	39.25 1.25 -16.08	43.77 1.29 -19.05	50.94 1.41 -24.82	52.81 1.45 -25.88	48.09 1.51 -21.01	47.03 1.57 -20.09	37.28 1.70 -9.35	33.21 1.57 -7.55	29.39 1.60 -1.55
BOWLINE___1 23526	28.84 1.84 -0.63	26.23 1.58 -1.04	25.91 1.41 -1.72	24.78 1.18 -3.91	23.23 1.12 -3.41	23.23 1.13 -3.31	23.99 1.16 -3.88	24.58 1.19 -4.44	26.29 1.59 -1.98	27.48 1.70 -2.22	28.28 1.85 -2.67	29.90 1.98 -4.35	32.15 2.08 -6.45	33.71 2.12 -8.01	34.52 2.16 -8.63	36.10 2.06 -12.12	39.99 2.20 -14.36	45.72 2.30 -18.71	47.33 2.34 -19.51	43.69 2.27 -15.84	42.66 2.15 -15.15	35.42 2.15 -7.05	31.73 1.95 -5.69	29.51 2.10 -1.17
BOWLINE___2 23595	28.84 1.84 -0.64	26.23 1.58 -1.04	25.91 1.41 -1.72	24.78 1.18 -3.91	23.23 1.12 -3.41	23.23 1.13 -3.31	23.99 1.16 -3.88	24.58 1.19 -4.44	26.29 1.59 -1.98	27.48 1.70 -2.22	28.29 1.85 -2.67	29.90 1.98 -4.35	32.15 2.08 -6.45	33.71 2.12 -8.01	34.52 2.16 -8.63	36.10 2.06 -12.12	39.99 2.20 -14.36	45.72 2.30 -18.71	47.33 2.34 -19.51	43.69 2.27 -15.84	42.66 2.15 -15.15	35.42 2.15 -7.05	31.73 1.95 -5.69	29.51 2.10 -1.17
BRADY___115KV_TB2 356060	25.54 -0.82 0.00	23.02 -0.59 0.00	22.30 -0.48 0.00	19.26 -0.43 0.00	18.21 -0.49 0.00	18.33 -0.47 0.00	18.54 -0.42 0.00	18.51 -0.44 0.00	22.09 -0.64 0.00	22.83 -0.73 0.00	22.96 -0.81 0.00	22.85 -0.73 0.00	22.80 -0.83 0.00	22.85 -0.73 0.00	22.99 -0.74 0.00	21.17 -0.75 0.00	22.73 -0.70 0.00	23.92 -0.79 0.00	24.69 -0.79 0.00	24.88 -0.69 0.00	24.83 -0.53 0.00	25.62 -0.60 0.00	23.52 -0.58 0.00	25.56 -0.68 0.00
BRANSCOMB___SOLAR 323811	28.86 1.63 -0.87	26.50 1.46 -1.42	26.46 1.32 -2.36	26.23 1.18 -5.35	24.52 1.14 -4.68	24.46 1.13 -4.54	25.41 1.14 -5.32	26.13 1.10 -6.09	26.89 1.46 -2.71	28.12 1.51 -3.05	28.84 1.43 -3.65	30.97 1.44 -5.96	33.81 1.35 -8.84	35.83 1.27 -10.98	36.63 1.07 -11.83	39.59 1.05 -16.62	44.19 1.08 -19.69	51.53 1.16 -25.65	53.50 1.27 -26.75	48.64 1.35 -21.72	47.57 1.44 -20.77	37.41 1.52 -9.66	33.46 1.57 -7.80	29.41 1.57 -1.60
BRENTWOD_69_KV_W. BRTWOOD 56703	36.07 2.82 -6.89	35.14 2.43 -9.10	34.57 2.23 -9.56	31.69 1.89 -10.10	29.52 1.80 -9.03	32.29 1.86 -11.69	25.82 1.86 -5.01	28.05 1.91 -7.18	33.34 2.41 -8.21	35.21 2.52 -9.13	39.59 2.71 -13.12	42.30 2.69 -16.03	44.52 2.79 -18.11	59.59 2.83 -33.19	65.16 2.73 -38.71	70.05 2.56 -45.57	76.63 2.76 -50.44	74.12 2.99 -46.42	65.19 3.06 -36.66	52.22 3.20 -23.45	50.30 3.04 -21.89	52.38 3.04 -23.12	39.50 2.84 -12.57	38.26 3.04 -8.98

BRISTLHL_115KV_TB1 79998	26.25 -0.16 -0.05	23.50 -0.19 -0.08	22.68 -0.23 -0.13	19.78 -0.20 -0.29	18.78 -0.17 -0.25	18.87 -0.17 -0.24	19.05 -0.19 -0.28	19.07 -0.21 -0.32	22.57 -0.30 -0.14	23.49 -0.24 -0.16	23.70 -0.26 -0.19	23.56 -0.33 -0.32	23.76 -0.33 -0.47	23.81 -0.35 -0.59	23.98 -0.38 -0.63	22.43 -0.37 -0.89	24.03 -0.45 -1.05	25.71 -0.37 -1.37	26.61 -0.38 -1.51	26.32 -0.41 -1.16	26.06 -0.41 -1.11	26.32 -0.42 -0.52	24.12 -0.39 -0.42	25.96 -0.37 -0.09
BROOKHAVEN___DRP 24191	35.94 2.69 -6.89	35.00 2.29 -9.10	34.43 2.10 -9.56	31.55 1.75 -10.10	29.39 1.66 -9.03	32.18 1.69 -11.69	25.69 1.72 -5.01	27.91 1.78 -7.18	33.16 2.23 -8.21	35.05 2.36 -9.13	39.52 2.64 -13.12	42.26 2.73 -15.95	44.48 2.83 -18.02	60.01 2.85 -33.58	65.80 2.89 -39.17	70.76 2.74 -46.10	78.22 2.98 -51.82	98.25 3.21 -70.33	66.21 3.29 -37.45	58.51 3.27 -29.67	50.63 3.12 -22.15	52.89 3.12 -23.55	39.48 2.82 -12.57	38.18 2.97 -8.98
BROOKLYN_NAVY_YARD 23515	29.29 2.27 -0.66	26.60 1.91 -1.08	26.28 1.71 -1.79	25.16 1.40 -4.06	23.58 1.33 -3.55	23.58 1.33 -3.45	24.38 1.38 -4.04	25.03 1.46 -4.62	26.74 1.95 -2.06	27.92 2.05 -2.31	28.80 2.26 -2.77	30.53 2.43 -4.52	32.89 2.55 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.08 2.45 -17.71	53.19 2.62 -27.14	52.47 2.77 -25.00	48.61 2.83 -20.30	44.79 2.74 -16.49	43.74 2.61 -15.77	36.16 2.60 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
BROOKLYN___ARMY_DRP 323595	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
BROOKVLE_69_KV_TB1 55790	35.96 2.71 -6.89	35.02 2.31 -9.10	34.45 2.12 -9.56	31.57 1.77 -10.10	29.39 1.66 -9.03	32.18 1.69 -11.69	25.67 1.71 -5.01	27.91 1.78 -7.18	33.25 2.32 -8.21	35.19 2.50 -9.13	39.54 2.66 -13.12	44.98 2.81 -18.60	48.28 2.93 -21.73	61.51 2.99 -34.94	67.60 3.06 -40.81	72.72 2.85 -47.95	79.79 3.05 -53.32	70.01 3.24 -42.07	67.09 3.31 -38.30	50.90 3.22 -22.11	50.90 3.09 -22.45	53.32 3.09 -24.01	39.41 2.75 -12.57	38.10 2.89 -8.98
BROOME_2_LFGE 323671	26.77 0.21 -0.20	24.06 0.12 -0.33	23.37 0.05 -0.54	20.99 0.06 -1.23	19.87 0.09 -1.08	19.92 0.08 -1.05	20.26 0.08 -1.23	20.41 0.06 -1.40	23.39 0.05 -0.63	24.36 0.09 -0.70	24.65 0.05 -0.84	25.00 0.05 -1.37	25.76 0.09 -2.04	26.16 0.05 -2.53	26.50 0.05 -2.73	25.86 0.11 -3.83	28.06 0.09 -4.54	30.75 0.12 -5.91	31.76 0.10 -6.19	30.68 0.10 -5.01	30.22 0.08 -4.79	28.50 0.05 -2.23	25.96 0.07 -1.80	26.74 0.13 -0.37
BROOME___LFGE 323600	26.77 0.21 -0.20	24.06 0.12 -0.33	23.37 0.05 -0.54	20.99 0.06 -1.23	19.87 0.09 -1.08	19.92 0.08 -1.05	20.26 0.08 -1.23	20.41 0.06 -1.40	23.39 0.05 -0.63	24.36 0.09 -0.70	24.65 0.05 -0.84	25.00 0.05 -1.37	25.76 0.09 -2.04	26.16 0.05 -2.53	26.50 0.05 -2.73	25.86 0.11 -3.83	28.06 0.09 -4.54	30.75 0.12 -5.91	31.76 0.10 -6.19	30.68 0.10 -5.01	30.22 0.08 -4.79	28.50 0.05 -2.23	25.96 0.07 -1.80	26.74 0.13 -0.37
BROWNFLS_115KV_TB_3_5 80003	25.37 -1.00 -0.01	22.81 -0.83 -0.02	22.07 -0.75 -0.04	19.13 -0.65 -0.09	18.10 -0.67 -0.08	18.21 -0.66 -0.08	18.42 -0.63 -0.09	18.37 -0.68 -0.10	21.84 -0.93 -0.05	22.62 -0.99 -0.05	22.76 -1.07 -0.06	22.62 -1.06 -0.10	22.64 -1.13 -0.15	22.63 -1.13 -0.19	22.79 -1.14 -0.20	21.13 -1.07 -0.28	22.68 -1.08 -0.33	24.08 -1.06 -0.43	24.93 -1.02 -0.47	25.12 -0.82 -0.37	24.98 -0.74 -0.35	25.63 -0.76 -0.16	23.48 -0.75 -0.13	25.40 -0.87 -0.03
BROWNSV1_27_KV_LOAD 356125	29.52 2.50 -0.66	26.82 2.12 -1.08	26.48 1.91 -1.79	25.33 1.58 -4.06	23.73 1.48 -3.55	23.74 1.50 -3.45	24.55 1.55 -4.04	25.20 1.63 -4.62	26.92 2.14 -2.06	28.16 2.29 -2.31	29.03 2.50 -2.77	30.74 2.64 -4.52	33.10 2.76 -6.71	34.72 2.81 -8.34	39.39 2.85 -12.82	42.30 2.67 -17.71	53.42 2.86 -27.14	52.77 3.06 -25.00	48.94 3.16 -20.30	45.15 3.09 -16.49	44.07 2.94 -15.77	36.44 2.88 -7.34	32.64 2.63 -5.92	30.24 2.78 -1.21
BURROWS___LYONSDAL 23803	26.56 0.18 -0.02	23.81 0.17 -0.03	22.97 0.14 -0.05	19.95 0.14 -0.12	18.93 0.13 -0.10	19.03 0.13 -0.10	19.22 0.15 -0.12	19.16 0.08 -0.13	22.80 0.02 -0.06	23.65 0.02 -0.07	23.82 -0.02 -0.08	23.63 -0.07 -0.13	23.70 -0.12 -0.19	23.63 -0.19 -0.24	23.80 -0.19 -0.26	22.13 -0.15 -0.36	23.74 -0.12 -0.43	25.27 0.00 -0.56	26.15 0.08 -0.59	26.35 0.31 -0.47	26.09 0.28 -0.45	26.77 0.34 -0.21	24.50 0.24 -0.17	26.49 0.21 -0.03
CAITHNESS_CC_1 323624	35.94 2.69 -6.89	35.02 2.32 -9.10	34.43 2.09 -9.56	31.55 1.75 -10.10	29.41 1.68 -9.03	32.18 1.69 -11.69	25.69 1.72 -5.01	27.91 1.78 -7.18	33.16 2.23 -8.21	35.02 2.33 -9.13	39.45 2.57 -13.12	42.21 2.69 -15.95	44.43 2.79 -18.03	59.98 2.80 -33.60	65.78 2.85 -39.20	70.75 2.70 -46.13	78.23 2.95 -51.85	98.00 3.11 -70.17	66.13 3.18 -37.46	58.34 3.14 -29.62	50.50 2.99 -22.15	52.80 3.01 -23.56	39.41 2.75 -12.57	38.16 2.94 -8.98
CALPINE BETH_PAGE_GT4 24209	35.83 2.58 -6.89	34.93 2.22 -9.10	34.34 2.00 -9.56	31.47 1.67 -10.10	29.32 1.59 -9.03	32.11 1.62 -11.69	25.61 1.65 -5.01	27.84 1.71 -7.18	33.16 2.23 -8.21	35.05 2.36 -9.13	39.47 2.59 -13.12	44.05 2.62 -17.86	47.03 2.72 -20.69	61.01 2.76 -34.68	67.02 2.80 -40.49	72.14 2.63 -47.59	79.10 2.81 -52.86	69.93 3.01 -42.21	66.62 3.11 -38.04	50.79 3.04 -22.18	50.63 2.92 -22.36	53.00 2.91 -23.86	39.33 2.67 -12.57	38.05 2.83 -8.98
CALPINE_BETH_PAGE_GT_4 323586	35.83 2.58 -6.89	34.93 2.22 -9.10	34.34 2.01 -9.56	31.47 1.67 -10.10	29.32 1.59 -9.03	32.11 1.62 -11.69	25.61 1.65 -5.01	27.84 1.71 -7.18	33.16 2.23 -8.21	35.02 2.33 -9.13	39.43 2.54 -13.12	44.05 2.62 -17.86	47.03 2.72 -20.69	61.01 2.76 -34.68	67.02 2.80 -40.49	72.16 2.65 -47.59	79.14 2.86 -52.86	69.91 2.99 -42.21	66.57 3.06 -38.04	50.71 2.96 -22.18	50.58 2.86 -22.36	52.97 2.88 -23.86	39.31 2.65 -12.57	38.05 2.83 -8.98
CALPINE_BP_GT1 23823	35.83 2.58 -6.89	34.93 2.22 -9.10	34.34 2.01 -9.56	31.47 1.67 -10.10	29.32 1.59 -9.03	32.11 1.62 -11.69	25.61 1.65 -5.01	27.84 1.71 -7.18	33.16 2.23 -8.21	35.02 2.33 -9.13	39.43 2.54 -13.12	44.05 2.62 -17.86	47.03 2.72 -20.69	61.01 2.76 -34.68	67.02 2.80 -40.49	72.16 2.65 -47.59	79.14 2.86 -52.86	69.91 2.99 -42.21	66.57 3.06 -38.04	50.71 2.96 -22.18	50.58 2.86 -22.36	52.97 2.88 -23.86	39.31 2.65 -12.57	38.05 2.83 -8.98
CALSPAN___DRP 24200	25.03 -1.42 -0.10	22.38 -1.39 -0.16	21.59 -1.46 -0.27	19.14 -1.16 -0.61	18.24 -0.99 -0.53	18.31 -1.00 -0.52	18.42 -1.14 -0.60	18.33 -1.31 -0.69	21.33 -1.70 -0.31	22.38 -1.53 -0.35	22.59 -1.59 -0.41	22.41 -1.84 -0.68	22.95 -1.68 -1.00	22.94 -1.89 -1.25	23.24 -1.83 -1.34	22.44 -1.36 -1.89	24.02 -1.64 -2.23	26.36 -1.26 -2.91	27.29 -1.22 -3.03	26.68 -1.36 -2.46	26.25 -1.47 -2.36	25.96 -1.36 -1.10	23.51 -1.47 -0.89	24.80 -1.63 -0.18

CALVERTON___SOLAR 323806	35.96 2.72 -6.89	35.02 2.32 -9.10	34.43 2.09 -9.56	31.55 1.75 -10.10	29.39 1.66 -9.03	32.18 1.69 -11.69	25.69 1.72 -5.01	27.91 1.78 -7.18	33.19 2.25 -8.21	35.02 2.33 -9.13	39.52 2.64 -13.12	42.33 2.80 -15.95	44.53 2.88 -18.02	60.09 2.95 -33.57	65.88 2.99 -39.16	70.83 2.83 -46.09	78.33 3.09 -51.81	98.37 3.26 -70.39	66.26 3.34 -37.44	58.55 3.30 -29.68	50.65 3.14 -22.15	52.94 3.17 -23.55	39.50 2.84 -12.57	38.23 3.02 -8.98
CANDIGU_WT_PWR 323617	25.65 -0.84 -0.14	23.03 -0.80 -0.22	22.26 -0.89 -0.37	19.82 -0.71 -0.84	18.83 -0.60 -0.73	18.90 -0.60 -0.71	19.12 -0.66 -0.83	19.16 -0.74 -0.95	22.17 -0.98 -0.42	23.09 -0.94 -0.48	23.24 -1.09 -0.57	23.40 -1.11 -0.93	23.97 -1.04 -1.38	24.14 -1.15 -1.72	24.42 -1.16 -1.85	23.56 -0.96 -2.60	25.46 -1.05 -3.08	27.59 -1.14 -4.02	28.48 -1.20 -4.20	27.79 -1.18 -3.40	27.45 -1.17 -3.25	26.50 -1.23 -1.51	24.23 -1.08 -1.22	25.57 -0.92 -0.25
CARR STREET_E_SYR 24060	26.38 -0.03 -0.05	23.60 -0.09 -0.09	22.78 -0.14 -0.14	19.92 -0.10 -0.32	18.90 -0.07 -0.28	18.99 -0.07 -0.27	19.18 -0.09 -0.32	19.20 -0.11 -0.36	22.70 -0.18 -0.16	23.58 -0.16 -0.18	23.79 -0.19 -0.22	23.77 -0.16 -0.36	23.99 -0.16 -0.53	24.04 -0.19 -0.66	24.22 -0.21 -0.71	22.76 -0.15 -0.99	24.44 -0.16 -1.18	26.05 -0.20 -1.53	26.90 -0.20 -1.63	26.64 -0.23 -1.30	26.35 -0.25 -1.24	26.54 -0.26 -0.58	24.32 -0.24 -0.47	26.13 -0.21 -0.10
CARTHAGE___PAPER 23857	25.94 -0.45 -0.03	23.27 -0.38 -0.04	22.46 -0.39 -0.07	19.52 -0.33 -0.16	18.50 -0.34 -0.14	18.60 -0.34 -0.14	18.79 -0.32 -0.16	18.68 -0.45 -0.18	22.12 -0.68 -0.08	22.95 -0.71 -0.09	23.09 -0.78 -0.11	22.93 -0.83 -0.18	22.97 -0.92 -0.27	22.97 -0.94 -0.33	23.09 -1.00 -0.36	21.54 -0.88 -0.50	23.18 -0.84 -0.60	24.77 -0.72 -0.78	25.74 -0.58 -0.84	25.92 -0.31 -0.66	25.71 -0.28 -0.63	26.28 -0.24 -0.29	24.04 -0.29 -0.24	25.87 -0.42 -0.05
CASSADAGA_WT_PWR 323784	24.75 -1.71 -0.10	22.17 -1.61 -0.17	21.38 -1.69 -0.28	19.04 -1.30 -0.64	18.20 -1.07 -0.56	18.31 -1.03 -0.55	18.46 -1.14 -0.64	18.47 -1.21 -0.73	21.41 -1.64 -0.33	22.37 -1.56 -0.37	22.49 -1.71 -0.44	22.48 -1.81 -0.72	22.98 -1.70 -1.06	22.99 -1.91 -1.32	23.23 -1.92 -1.42	22.27 -1.64 -2.00	23.97 -1.83 -2.37	25.81 -1.98 -3.08	26.60 -2.09 -3.21	26.03 -2.15 -2.61	25.75 -2.10 -2.50	25.31 -2.07 -1.16	23.27 -1.76 -0.94	24.88 -1.55 -0.19
CE_DUNWOOD___DRP 24194	29.07 2.06 -0.66	26.43 1.75 -1.08	26.14 1.57 -1.79	25.05 1.30 -4.05	23.47 1.23 -3.54	23.47 1.24 -3.44	24.27 1.29 -4.03	24.90 1.35 -4.61	26.55 1.77 -2.05	27.78 1.91 -2.31	28.62 2.09 -2.77	30.28 2.19 -4.51	32.61 2.31 -6.69	34.20 2.37 -8.31	38.89 2.37 -12.79	41.82 2.24 -17.67	52.91 2.39 -27.09	52.20 2.55 -24.94	48.35 2.62 -20.25	44.57 2.56 -16.44	43.52 2.43 -15.72	35.92 2.39 -7.31	32.17 2.17 -5.90	29.73 2.28 -1.21
CE_MILLWOOD___DRP 24193	28.99 1.98 -0.66	26.38 1.70 -1.07	26.08 1.53 -1.78	24.99 1.26 -4.03	23.42 1.20 -3.52	23.42 1.20 -3.42	24.20 1.23 -4.01	24.82 1.29 -4.58	26.49 1.73 -2.04	27.69 1.84 -2.30	28.54 2.02 -2.75	30.19 2.12 -4.49	32.50 2.22 -6.66	34.09 2.24 -8.27	38.78 2.30 -12.75	41.69 2.17 -17.61	52.77 2.32 -27.02	52.03 2.47 -24.84	48.17 2.55 -20.15	44.41 2.48 -16.36	43.36 2.36 -15.64	35.84 2.33 -7.28	32.06 2.10 -5.87	29.68 2.23 -1.20
CE_NYC2_DRP 24202	29.31 2.29 -0.66	26.63 1.94 -1.08	26.28 1.71 -1.79	25.16 1.40 -4.06	23.56 1.31 -3.55	23.56 1.32 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.73 1.95 -2.06	27.95 2.07 -2.31	28.82 2.28 -2.77	30.57 2.48 -4.52	32.93 2.60 -6.71	34.53 2.62 -8.34	39.20 2.66 -12.82	42.03 2.41 -17.71	53.19 2.62 -27.14	52.50 2.79 -25.00	48.66 2.88 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.26 2.70 -7.34	32.40 2.39 -5.92	29.95 2.49 -1.21
CE_NYC_DRP 24195	29.31 2.29 -0.66	26.65 1.96 -1.08	26.32 1.75 -1.79	25.20 1.44 -4.06	23.61 1.36 -3.55	23.61 1.37 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.82 2.28 -2.77	30.55 2.45 -4.52	32.88 2.55 -6.71	34.51 2.59 -8.34	39.18 2.63 -12.82	42.08 2.45 -17.70	53.19 2.62 -27.14	52.52 2.82 -25.00	48.66 2.88 -20.30	44.89 2.84 -16.49	43.81 2.69 -15.77	36.21 2.65 -7.34	32.42 2.41 -5.92	30.00 2.55 -1.21
CHAFFEE___LFGE 323603	25.04 -1.42 -0.10	22.38 -1.39 -0.17	21.58 -1.48 -0.28	19.14 -1.18 -0.63	18.24 -1.01 -0.55	18.31 -1.02 -0.53	18.42 -1.16 -0.63	18.38 -1.29 -0.72	21.34 -1.70 -0.32	22.29 -1.63 -0.36	22.39 -1.81 -0.43	22.46 -1.81 -0.70	22.99 -1.68 -1.04	23.05 -1.81 -1.29	23.32 -1.80 -1.39	22.34 -1.53 -1.95	24.08 -1.66 -2.32	25.85 -1.88 -3.02	26.61 -2.01 -3.15	26.03 -2.10 -2.55	25.72 -2.08 -2.44	25.24 -2.12 -1.14	23.11 -1.90 -0.92	24.78 -1.65 -0.19
CHATEAUG_35_KV_LOAD 355732	24.93 -1.42 0.00	22.50 -1.11 0.00	21.82 -0.96 0.00	18.87 -0.83 0.00	17.86 -0.84 0.00	17.99 -0.81 0.00	18.21 -0.74 0.00	18.21 -0.74 0.00	21.72 -1.00 0.00	22.43 -1.13 0.00	22.58 -1.19 0.00	22.42 -1.16 0.00	22.37 -1.25 0.00	22.47 -1.11 0.00	22.71 -1.02 0.00	20.89 -1.03 0.00	22.47 -0.96 0.00	23.70 -1.01 0.00	24.43 -1.04 0.00	24.57 -1.00 0.00	24.55 -0.81 0.00	25.36 -0.87 0.00	23.35 -0.75 0.00	25.37 -0.87 0.00
CHATEAUG_WT_PWR 323614	24.96 -1.40 0.00	22.50 -1.11 0.00	21.82 -0.96 0.00	18.89 -0.81 0.00	17.86 -0.84 0.00	18.01 -0.79 0.00	18.23 -0.72 0.00	18.23 -0.72 0.00	21.77 -0.95 0.00	22.57 -0.99 0.00	22.74 -1.02 0.00	22.44 -1.13 0.00	22.42 -1.20 0.00	22.49 -1.08 0.00	22.73 -1.00 0.00	20.80 -1.12 0.00	22.37 -1.05 0.00	23.75 -0.96 0.00	24.51 -0.97 0.00	24.57 -1.00 0.00	24.55 -0.81 0.00	25.41 -0.81 0.00	23.39 -0.70 0.00	25.43 -0.81 0.00
CHAT_HIGH_FALL_HYD 323578	24.93 -1.42 0.00	22.50 -1.11 0.00	21.82 -0.96 0.00	18.87 -0.83 0.00	17.86 -0.84 0.00	17.99 -0.81 0.00	18.21 -0.74 0.00	18.21 -0.74 0.00	21.72 -1.00 0.00	22.43 -1.13 0.00	22.58 -1.19 0.00	22.42 -1.16 0.00	22.37 -1.25 0.00	22.47 -1.11 0.00	22.71 -1.02 0.00	20.89 -1.03 0.00	22.47 -0.96 0.00	23.70 -1.01 0.00	24.43 -1.04 0.00	24.57 -1.00 0.00	24.55 -0.81 0.00	25.36 -0.87 0.00	23.35 -0.75 0.00	25.37 -0.87 0.00
CHAUTAUQUA___LFGE 323629	25.04 -1.42 -0.10	22.41 -1.37 -0.17	21.62 -1.43 -0.28	19.20 -1.12 -0.63	18.33 -0.92 -0.55	18.43 -0.90 -0.53	18.54 -1.04 -0.63	18.53 -1.14 -0.72	21.50 -1.55 -0.32	22.48 -1.44 -0.36	22.58 -1.62 -0.43	22.60 -1.67 -0.70	23.13 -1.54 -1.04	23.15 -1.72 -1.29	23.41 -1.71 -1.39	22.42 -1.45 -1.95	24.15 -1.59 -2.31	25.97 -1.75 -3.01	26.73 -1.88 -3.14	26.18 -1.94 -2.55	25.87 -1.93 -2.44	25.45 -1.91 -1.14	23.32 -1.69 -0.92	25.01 -1.42 -0.19
CHERRYST_13_KV_LD 356241	29.39 2.37 -0.66	26.72 2.03 -1.08	26.39 1.82 -1.79	25.25 1.50 -4.06	23.65 1.40 -3.55	23.67 1.43 -3.45	24.47 1.48 -4.04	25.12 1.55 -4.62	26.83 2.05 -2.06	28.04 2.17 -2.31	28.91 2.38 -2.77	30.62 2.52 -4.52	32.98 2.65 -6.71	34.60 2.69 -8.34	39.27 2.73 -12.82	42.17 2.54 -17.70	53.28 2.72 -27.14	52.62 2.92 -25.00	48.79 3.01 -20.30	45.00 2.94 -16.49	43.91 2.79 -15.77	36.31 2.75 -7.34	32.52 2.51 -5.92	30.10 2.65 -1.21

CHESTROR_138KV_BK263 355645	28.57 1.61 -0.60	25.96 1.37 -0.98	25.61 1.21 -1.63	24.39 1.00 -3.69	22.88 0.95 -3.22	22.90 0.98 -3.13	23.61 0.99 -3.67	24.15 1.00 -4.20	25.93 1.34 -1.87	27.10 1.44 -2.10	27.88 1.59 -2.52	29.36 1.67 -4.11	31.46 1.75 -6.09	32.91 1.77 -7.57	33.69 1.80 -8.15	35.08 1.71 -11.45	38.85 1.85 -13.57	44.37 1.98 -17.68	45.95 2.04 -18.44	42.53 1.99 -14.97	41.55 1.88 -14.31	34.72 1.84 -6.66	31.16 1.69 -5.38	29.10 1.76 -1.10
CH_MIDHUDSON___DRP 24192	28.88 1.85 -0.68	26.30 1.58 -1.11	26.02 1.41 -1.83	25.03 1.18 -4.16	23.45 1.12 -3.63	23.47 1.15 -3.53	24.24 1.16 -4.13	24.83 1.16 -4.73	26.37 1.55 -2.11	27.58 1.65 -2.37	28.41 1.81 -2.84	30.09 1.89 -4.63	32.47 1.98 -6.87	34.11 2.00 -8.53	34.96 2.04 -9.19	36.75 1.93 -12.91	40.83 2.11 -15.29	46.86 2.22 -19.92	48.55 2.29 -20.78	44.69 2.25 -16.87	43.62 2.13 -16.13	35.83 2.10 -7.51	32.03 1.88 -6.06	29.48 1.99 -1.24
CH_MISC_IPPS 23765	29.02 2.00 -0.66	26.41 1.72 -1.08	26.10 1.53 -1.79	25.04 1.28 -4.06	23.45 1.20 -3.55	23.46 1.22 -3.45	24.21 1.21 -4.04	24.77 1.19 -4.62	26.42 1.64 -2.06	27.59 1.72 -2.31	28.44 1.90 -2.77	30.10 2.00 -4.52	32.46 2.13 -6.71	34.08 2.17 -8.34	34.92 2.21 -8.98	36.64 2.10 -12.62	40.70 2.32 -14.95	46.61 2.42 -19.48	48.23 2.45 -20.31	44.44 2.38 -16.49	43.38 2.26 -15.77	35.82 2.26 -7.34	31.99 1.98 -5.92	29.55 2.10 -1.21
CH_RES_BVR_FALLS 23983	25.67 -0.69 0.00	23.04 -0.57 0.00	22.28 -0.50 0.00	19.28 -0.41 0.00	18.29 -0.41 0.00	18.38 -0.41 0.00	18.54 -0.42 0.00	18.53 -0.42 0.00	22.20 -0.52 0.00	23.02 -0.54 0.00	23.22 -0.55 0.00	23.01 -0.57 0.00	23.03 -0.59 0.00	23.01 -0.57 0.00	23.16 -0.57 0.00	21.35 -0.57 0.00	22.82 -0.61 0.00	24.09 -0.62 0.00	24.89 -0.58 0.00	25.03 -0.54 0.00	24.90 -0.46 0.00	25.75 -0.47 0.00	23.68 -0.41 0.00	25.77 -0.47 0.00
CH_RES_NIAGARA 23895	24.58 -1.87 -0.09	21.99 -1.77 -0.15	21.20 -1.82 -0.25	18.81 -1.44 -0.56	17.93 -1.25 -0.49	17.99 -1.28 -0.47	17.99 -1.52 -0.55	17.78 -1.80 -0.63	20.71 -2.29 -0.28	21.73 -2.14 -0.32	21.96 -2.19 -0.38	21.74 -2.45 -0.62	22.25 -2.29 -0.92	22.22 -2.50 -1.14	22.51 -2.44 -1.23	21.72 -1.93 -1.73	23.23 -2.25 -2.05	25.48 -1.88 -2.65	26.38 -1.86 -2.76	25.82 -1.99 -2.25	25.39 -2.13 -2.16	25.26 -1.97 -1.00	22.86 -2.05 -0.81	24.15 -2.26 -0.17
CH_RES_SYRACUSE 23985	26.52 0.11 -0.06	23.75 0.05 -0.10	22.94 0.00 -0.16	20.06 0.00 -0.36	19.05 0.04 -0.32	19.12 0.02 -0.31	19.33 0.02 -0.36	19.36 0.00 -0.41	22.86 -0.05 -0.18	23.77 0.00 -0.21	23.96 -0.05 -0.25	23.96 -0.02 -0.40	24.20 -0.02 -0.60	24.27 -0.05 -0.74	24.46 -0.07 -0.80	23.00 -0.04 -1.12	24.71 -0.05 -1.33	26.39 -0.05 -1.73	27.26 -0.08 -1.86	26.96 -0.08 -1.47	26.66 -0.10 -1.40	26.77 -0.10 -0.65	24.52 -0.10 -0.53	26.30 -0.05 -0.11
CLINTON_WT_PWR 323605	24.96 -1.40 0.00	22.50 -1.11 0.00	21.82 -0.96 0.00	18.89 -0.81 0.00	17.86 -0.84 0.00	18.01 -0.79 0.00	18.23 -0.72 0.00	18.23 -0.72 0.00	21.77 -0.95 0.00	22.57 -0.99 0.00	22.74 -1.02 0.00	22.44 -1.13 0.00	22.42 -1.20 0.00	22.49 -1.08 0.00	22.73 -1.00 0.00	20.80 -1.12 0.00	22.37 -1.05 0.00	23.75 -0.96 0.00	24.51 -0.97 0.00	24.57 -1.00 0.00	24.55 -0.81 0.00	25.41 -0.81 0.00	23.39 -0.70 0.00	25.43 -0.81 0.00
CLINTON___LFGE 323618	25.07 -1.29 0.00	22.64 -0.97 0.00	21.96 -0.82 0.00	18.99 -0.71 0.00	17.95 -0.75 0.00	18.10 -0.70 0.00	18.35 -0.61 0.00	18.34 -0.61 0.00	21.86 -0.86 0.00	22.69 -0.87 0.00	22.86 -0.90 0.00	22.56 -1.01 0.00	22.51 -1.11 0.00	22.61 -0.97 0.00	22.88 -0.85 0.00	20.89 -1.03 0.00	22.49 -0.94 0.00	23.84 -0.87 0.00	24.64 -0.84 0.00	24.73 -0.84 0.00	24.73 -0.63 0.00	25.57 -0.65 0.00	23.52 -0.58 0.00	25.53 -0.71 0.00
COBBLENY_34_KV_TB1 80064	25.04 -1.42 -0.10	22.38 -1.39 -0.17	21.58 -1.48 -0.28	19.14 -1.18 -0.63	18.24 -1.01 -0.55	18.31 -1.01 -0.53	18.42 -1.16 -0.63	18.38 -1.29 -0.72	21.34 -1.70 -0.32	22.41 -1.51 -0.36	22.63 -1.57 -0.43	22.46 -1.82 -0.70	23.01 -1.65 -1.04	23.01 -1.86 -1.29	23.32 -1.80 -1.39	22.54 -1.34 -1.95	24.13 -1.62 -2.32	26.47 -1.26 -3.02	27.42 -1.20 -3.15	26.79 -1.33 -2.55	26.36 -1.45 -2.44	26.00 -1.36 -1.14	23.57 -1.45 -0.92	24.78 -1.65 -0.19
COFFEEN___115KV_TB3 355620	26.36 -0.03 -0.03	23.61 -0.05 -0.05	22.77 -0.09 -0.08	19.82 -0.06 -0.19	18.79 -0.07 -0.16	18.88 -0.08 -0.16	19.06 -0.08 -0.19	18.91 -0.25 -0.21	22.39 -0.43 -0.09	23.27 -0.40 -0.11	23.44 -0.45 -0.13	23.22 -0.57 -0.21	23.24 -0.69 -0.31	23.18 -0.78 -0.38	23.31 -0.83 -0.41	21.77 -0.72 -0.58	23.43 -0.68 -0.68	25.08 -0.52 -0.89	26.09 -0.36 -0.97	26.25 -0.08 -0.75	26.01 -0.08 -0.72	26.59 0.03 -0.34	24.29 -0.07 -0.27	26.11 -0.18 -0.06
COLDSPRG_115KV_BK1 355956	25.02 -1.45 -0.11	22.39 -1.39 -0.18	21.59 -1.48 -0.29	19.20 -1.16 -0.67	18.33 -0.95 -0.58	18.42 -0.94 -0.56	18.55 -1.06 -0.66	18.61 -1.10 -0.76	21.56 -1.50 -0.34	22.62 -1.32 -0.38	22.84 -1.38 -0.45	22.67 -1.65 -0.74	23.21 -1.51 -1.10	23.20 -1.74 -1.37	23.51 -1.68 -1.47	22.71 -1.27 -2.07	24.31 -1.57 -2.45	26.66 -1.24 -3.19	27.66 -1.15 -3.32	27.02 -1.25 -2.70	26.57 -1.37 -2.58	26.17 -1.26 -1.20	23.81 -1.25 -0.97	24.97 -1.47 -0.20
COLONIE_LFGE___ 323577	28.43 1.21 -0.86	26.12 1.11 -1.40	26.15 1.05 -2.33	25.90 0.93 -5.28	24.21 0.90 -4.61	24.18 0.90 -4.48	25.10 0.89 -5.25	25.83 0.87 -6.00	26.53 1.14 -2.67	27.75 1.18 -3.01	28.53 1.16 -3.61	30.61 1.15 -5.88	33.46 1.11 -8.72	35.50 1.09 -10.83	36.44 1.04 -11.67	39.32 1.01 -16.39	43.91 1.06 -19.42	51.16 1.14 -25.31	53.04 1.17 -26.39	48.17 1.18 -21.43	47.07 1.22 -20.49	37.04 1.28 -9.53	33.02 1.23 -7.69	29.08 1.26 -1.58
COOPERNY_115KV_TB1 80082	28.02 1.21 -0.45	25.36 1.02 -0.74	24.89 0.89 -1.22	23.21 0.75 -2.77	21.83 0.71 -2.42	21.86 0.71 -2.35	22.43 0.72 -2.75	22.84 0.74 -3.15	25.12 1.00 -1.40	26.22 1.08 -1.58	26.84 1.19 -1.89	27.88 1.23 -3.08	29.47 1.28 -4.57	30.53 1.27 -5.68	31.15 1.31 -6.12	31.74 1.23 -8.60	34.92 1.31 -10.18	39.41 1.43 -13.27	40.79 1.48 -13.84	38.24 1.43 -11.23	37.45 1.34 -10.74	32.56 1.34 -5.00	29.36 1.23 -4.03	28.35 1.29 -0.83
COPENHAGEN_WT_PWR 323753	26.15 -0.24 -0.03	23.42 -0.24 -0.05	22.61 -0.25 -0.08	19.67 -0.22 -0.19	18.64 -0.22 -0.17	18.73 -0.22 -0.16	18.92 -0.23 -0.19	18.81 -0.36 -0.22	22.25 -0.57 -0.10	23.13 -0.54 -0.11	23.28 -0.62 -0.13	23.13 -0.66 -0.21	23.18 -0.76 -0.32	23.14 -0.83 -0.39	23.28 -0.88 -0.43	21.77 -0.75 -0.60	23.41 -0.73 -0.71	24.99 -0.64 -0.92	25.97 -0.51 -1.00	26.07 -0.28 -0.78	25.83 -0.28 -0.75	26.36 -0.21 -0.35	24.11 -0.26 -0.28	25.93 -0.37 -0.06
CORNELL_____ 23752	27.11 0.61 -0.14	24.29 0.45 -0.23	23.55 0.39 -0.39	20.93 0.35 -0.88	19.82 0.36 -0.77	19.90 0.36 -0.75	20.21 0.38 -0.87	20.29 0.34 -1.00	23.51 0.34 -0.45	24.49 0.42 -0.50	24.75 0.38 -0.60	24.81 0.26 -0.98	25.34 0.26 -1.45	25.59 0.21 -1.81	25.89 0.21 -1.94	24.89 0.24 -2.73	26.92 0.26 -3.24	29.40 0.47 -4.22	30.46 0.56 -4.42	29.73 0.59 -3.57	29.31 0.53 -3.41	28.36 0.55 -1.59	25.86 0.48 -1.28	26.98 0.47 -0.26

CORONA__69_KV_TB1 355595	35.91 2.66 -6.89	34.98 2.27 -9.10	34.41 2.07 -9.56	31.51 1.71 -10.10	29.35 1.63 -9.03	32.14 1.65 -11.69	25.63 1.67 -5.01	27.86 1.72 -7.18	33.19 2.25 -8.21	35.12 2.43 -9.13	39.52 2.64 -13.12	52.22 2.76 -25.89	58.12 2.86 -31.63	61.35 2.83 -34.94	67.43 2.89 -40.81	72.58 2.72 -47.95	79.63 2.88 -53.32	69.87 3.09 -42.07	66.98 3.21 -38.30	50.82 3.15 -22.11	50.80 2.99 -22.45	53.22 2.99 -24.01	39.43 2.77 -12.57	38.13 2.91 -8.98
CORTLAND__115KV_TB3 80093	26.96 0.47 -0.13	24.18 0.35 -0.21	23.43 0.30 -0.35	20.77 0.28 -0.81	19.68 0.28 -0.70	19.76 0.28 -0.68	20.04 0.28 -0.80	20.11 0.25 -0.92	23.38 0.25 -0.41	24.35 0.33 -0.46	24.62 0.31 -0.55	24.68 0.21 -0.90	25.19 0.24 -1.33	25.42 0.19 -1.65	25.70 0.19 -1.78	24.64 0.22 -2.50	26.60 0.21 -2.96	28.94 0.37 -3.86	29.96 0.43 -4.05	29.27 0.43 -3.27	28.89 0.41 -3.12	28.10 0.42 -1.45	25.63 0.36 -1.17	26.85 0.37 -0.24
COXSACKIE__GT 23611	28.65 1.50 -0.79	26.35 1.44 -1.30	26.41 1.48 -2.15	25.90 1.32 -4.89	24.18 1.21 -4.27	24.20 1.26 -4.14	24.99 1.18 -4.86	25.32 0.81 -5.56	26.22 1.02 -2.48	27.33 0.99 -2.78	28.14 1.04 -3.34	29.96 0.94 -5.44	32.68 0.99 -8.07	34.59 0.99 -10.02	35.48 0.95 -10.80	38.03 0.94 -15.17	42.66 1.26 -17.97	49.54 1.41 -23.42	51.40 1.50 -24.42	46.96 1.56 -19.83	45.89 1.57 -18.96	36.51 1.47 -8.82	32.42 1.20 -7.12	28.91 1.21 -1.46
CPV_VALLEY__CC1 323721	28.30 1.40 -0.55	25.68 1.18 -0.89	25.31 1.05 -1.48	23.92 0.87 -3.36	22.46 0.82 -2.93	22.49 0.85 -2.85	23.15 0.85 -3.34	23.64 0.87 -3.82	25.61 1.18 -1.70	26.75 1.27 -1.91	27.44 1.38 -2.29	28.80 1.49 -3.74	30.73 1.56 -5.55	32.02 1.56 -6.89	32.74 1.59 -7.42	33.88 1.53 -10.43	37.42 1.64 -12.36	42.54 1.73 -16.10	44.02 1.76 -16.79	40.89 1.69 -13.63	39.99 1.60 -13.04	33.89 1.60 -6.06	30.43 1.45 -4.89	28.79 1.55 -1.00
CPV_VALLEY__CC2 323722	28.30 1.40 -0.55	25.68 1.18 -0.89	25.31 1.05 -1.48	23.92 0.87 -3.36	22.46 0.82 -2.93	22.49 0.85 -2.85	23.15 0.85 -3.34	23.64 0.87 -3.82	25.61 1.18 -1.70	26.75 1.27 -1.91	27.44 1.38 -2.29	28.80 1.49 -3.74	30.73 1.56 -5.55	32.02 1.56 -6.89	32.74 1.59 -7.42	33.88 1.53 -10.43	37.42 1.64 -12.36	42.54 1.73 -16.10	44.02 1.76 -16.79	40.89 1.69 -13.63	39.99 1.60 -13.04	33.89 1.60 -6.06	30.43 1.45 -4.89	28.79 1.55 -1.00
CRESCENT__HYD 24018	28.43 1.21 -0.86	26.12 1.11 -1.40	26.15 1.05 -2.33	25.90 0.93 -5.28	24.21 0.90 -4.61	24.18 0.90 -4.48	25.10 0.89 -5.25	25.83 0.87 -6.00	26.53 1.14 -2.67	27.75 1.18 -3.01	28.53 1.16 -3.61	30.61 1.15 -5.88	33.46 1.11 -8.72	35.50 1.09 -10.83	36.44 1.04 -11.67	39.32 1.01 -16.39	43.91 1.06 -19.42	51.16 1.14 -25.31	53.04 1.17 -26.39	48.17 1.18 -21.43	47.07 1.22 -20.49	37.04 1.28 -9.53	33.02 1.23 -7.69	29.08 1.26 -1.58
CRICKET__VALLEY_CC1 323756	28.59 1.53 -0.70	26.08 1.32 -1.15	25.89 1.21 -1.91	25.05 1.02 -4.33	23.47 0.99 -3.78	23.48 1.01 -3.67	24.28 1.02 -4.31	24.94 1.06 -4.93	26.33 1.41 -2.19	27.49 1.46 -2.47	28.27 1.54 -2.96	30.02 1.63 -4.82	32.43 1.65 -7.15	34.11 1.65 -8.89	35.01 1.71 -9.57	36.99 1.62 -13.45	41.09 1.73 -15.93	47.30 1.83 -20.76	48.98 1.86 -21.65	44.96 1.82 -17.58	43.94 1.77 -16.81	35.85 1.81 -7.82	32.07 1.66 -6.31	29.27 1.73 -1.29
CRICKET__VALLEY_CC2 323757	28.59 1.53 -0.70	26.08 1.32 -1.15	25.89 1.21 -1.91	25.05 1.02 -4.33	23.47 0.99 -3.78	23.48 1.01 -3.67	24.28 1.02 -4.31	24.94 1.06 -4.93	26.33 1.41 -2.19	27.49 1.46 -2.47	28.27 1.54 -2.96	30.02 1.63 -4.82	32.43 1.65 -7.15	34.11 1.65 -8.89	35.01 1.71 -9.57	36.99 1.62 -13.45	41.09 1.73 -15.93	47.30 1.83 -20.76	48.98 1.86 -21.65	44.96 1.82 -17.58	43.94 1.77 -16.81	35.85 1.81 -7.82	32.07 1.66 -6.31	29.27 1.73 -1.29
CRICKET__VALLEY_CC3 323758	28.59 1.53 -0.70	26.08 1.32 -1.15	25.89 1.21 -1.91	25.05 1.02 -4.33	23.47 0.99 -3.78	23.48 1.01 -3.67	24.28 1.02 -4.31	24.94 1.06 -4.93	26.33 1.41 -2.19	27.49 1.46 -2.47	28.27 1.54 -2.96	30.02 1.63 -4.82	32.43 1.65 -7.15	34.11 1.65 -8.89	35.01 1.71 -9.57	36.99 1.62 -13.45	41.09 1.73 -15.93	47.30 1.83 -20.76	48.98 1.86 -21.65	44.96 1.82 -17.58	43.94 1.77 -16.81	35.85 1.81 -7.82	32.07 1.66 -6.31	29.27 1.73 -1.29
CRUCIBLE__METL_DRP 24180	26.52 0.11 -0.06	23.75 0.05 -0.10	22.94 0.00 -0.16	20.06 0.00 -0.36	19.05 0.04 -0.32	19.12 0.02 -0.31	19.33 0.02 -0.36	19.36 0.00 -0.41	22.86 -0.05 -0.18	23.84 0.07 -0.21	24.06 0.05 -0.25	23.96 -0.02 -0.40	24.20 -0.02 -0.60	24.27 -0.05 -0.74	24.46 -0.07 -0.80	22.95 -0.09 -1.12	24.62 -0.14 -1.33	26.39 -0.05 -1.73	27.28 -0.05 -1.86	26.96 -0.08 -1.47	26.66 -0.10 -1.40	26.77 -0.10 -0.65	24.55 -0.07 -0.53	26.30 -0.05 -0.11
DAHOWA__HYDRO 323763	29.00 1.77 -0.87	26.62 1.58 -1.43	26.56 1.41 -2.36	26.32 1.26 -5.37	24.60 1.21 -4.69	24.57 1.22 -4.55	25.50 1.21 -5.34	26.23 1.18 -6.10	27.03 1.59 -2.72	28.26 1.65 -3.05	29.00 1.57 -3.66	31.10 1.56 -5.97	33.93 1.44 -8.86	35.93 1.34 -11.01	36.68 1.09 -11.86	39.65 1.07 -16.66	44.26 1.10 -19.73	51.63 1.21 -25.71	53.61 1.32 -26.81	48.75 1.41 -21.77	47.67 1.50 -20.82	37.48 1.57 -9.69	33.57 1.66 -7.82	29.52 1.68 -1.60
DANC__LFGE 323619	26.16 -0.24 -0.04	23.43 -0.24 -0.06	22.61 -0.27 -0.10	19.70 -0.22 -0.23	18.69 -0.21 -0.20	18.74 -0.24 -0.19	18.91 -0.27 -0.23	18.85 -0.36 -0.26	22.32 -0.52 -0.11	23.22 -0.47 -0.13	23.37 -0.55 -0.15	23.26 -0.57 -0.25	23.38 -0.61 -0.37	23.36 -0.68 -0.47	23.49 -0.74 -0.50	22.01 -0.61 -0.70	23.63 -0.63 -0.83	25.20 -0.59 -1.09	26.15 -0.51 -1.19	26.13 -0.36 -0.92	25.86 -0.38 -0.88	26.29 -0.34 -0.41	24.11 -0.31 -0.33	25.92 -0.39 -0.07
DANSKAMMER__1 23586	29.02 2.00 -0.66	26.41 1.72 -1.08	26.10 1.53 -1.79	25.04 1.28 -4.06	23.45 1.20 -3.55	23.46 1.22 -3.45	24.21 1.21 -4.04	24.77 1.19 -4.62	26.42 1.64 -2.06	27.59 1.72 -2.31	28.44 1.90 -2.77	30.10 2.00 -4.52	32.46 2.13 -6.71	34.08 2.17 -8.34	34.92 2.21 -8.98	36.64 2.10 -12.62	40.70 2.32 -14.95	46.61 2.42 -19.48	48.23 2.45 -20.31	44.44 2.38 -16.49	43.38 2.26 -15.77	35.82 2.26 -7.34	31.99 1.98 -5.92	29.55 2.10 -1.21
DANSKAMMER__2 23589	29.02 2.00 -0.66	26.41 1.72 -1.08	26.10 1.53 -1.79	25.04 1.28 -4.06	23.45 1.20 -3.55	23.46 1.22 -3.45	24.21 1.21 -4.04	24.77 1.19 -4.62	26.42 1.64 -2.06	27.59 1.72 -2.31	28.44 1.90 -2.77	30.10 2.00 -4.52	32.46 2.13 -6.71	34.08 2.17 -8.34	34.92 2.21 -8.98	36.64 2.10 -12.62	40.70 2.32 -14.95	46.61 2.42 -19.48	48.23 2.45 -20.31	44.44 2.38 -16.49	43.38 2.26 -15.77	35.82 2.26 -7.34	31.99 1.98 -5.92	29.55 2.10 -1.21
DANSKAMMER__3 23590	29.02 2.00 -0.66	26.41 1.72 -1.08	26.10 1.53 -1.79	25.04 1.28 -4.06	23.45 1.20 -3.55	23.46 1.22 -3.45	24.21 1.21 -4.04	24.77 1.19 -4.62	26.42 1.64 -2.06	27.59 1.72 -2.31	28.44 1.90 -2.77	30.10 2.00 -4.52	32.46 2.13 -6.71	34.08 2.17 -8.34	34.92 2.21 -8.98	36.64 2.10 -12.62	40.70 2.32 -14.95	46.61 2.42 -19.48	48.23 2.45 -20.31	44.44 2.38 -16.49	43.38 2.26 -15.77	35.82 2.26 -7.34	31.99 1.98 -5.92	29.55 2.10 -1.21

DANSKAMMER___4 23591	29.02 2.00 -0.66	26.41 1.72 -1.08	26.10 1.53 -1.79	25.04 1.28 -4.06	23.45 1.20 -3.55	23.46 1.22 -3.45	24.21 1.21 -4.04	24.77 1.19 -4.62	26.42 1.64 -2.06	27.59 1.72 -2.31	28.44 1.90 -2.77	30.10 2.00 -4.52	32.46 2.13 -6.71	34.08 2.17 -8.34	34.92 2.21 -8.98	36.64 2.10 -12.62	40.70 2.32 -14.95	46.61 2.42 -19.48	48.23 2.45 -20.31	44.44 2.38 -16.49	43.38 2.26 -15.77	35.82 2.26 -7.34	31.99 1.98 -5.92	29.55 2.10 -1.21
DANSKAMMER___DIESEL 23592	29.02 2.00 -0.66	26.41 1.72 -1.08	26.10 1.53 -1.79	25.04 1.28 -4.06	23.45 1.20 -3.55	23.46 1.22 -3.45	24.21 1.21 -4.04	24.76 1.19 -4.62	26.42 1.64 -2.06	27.59 1.72 -2.31	28.46 1.92 -2.77	30.10 2.00 -4.52	32.46 2.13 -6.71	34.08 2.17 -8.34	34.92 2.21 -8.98	36.62 2.08 -12.62	40.67 2.30 -14.95	46.61 2.42 -19.48	48.28 2.50 -20.31	44.49 2.43 -16.49	43.44 2.31 -15.77	35.82 2.26 -7.34	32.01 2.00 -5.92	29.55 2.10 -1.21
DARBY___SOLAR 323810	28.89 1.66 -0.87	26.52 1.49 -1.42	26.48 1.34 -2.36	26.25 1.20 -5.35	24.52 1.14 -4.68	24.48 1.15 -4.54	25.43 1.16 -5.32	26.15 1.12 -6.09	26.93 1.50 -2.71	28.16 1.55 -3.05	28.92 1.50 -3.65	31.02 1.49 -5.96	33.86 1.39 -8.84	35.88 1.32 -10.98	36.67 1.12 -11.83	39.61 1.07 -16.62	44.22 1.10 -19.69	51.58 1.21 -25.66	53.55 1.32 -26.75	48.67 1.38 -21.72	47.58 1.44 -20.77	37.41 1.52 -9.66	33.48 1.59 -7.80	29.44 1.60 -1.60
DASHVILLE___HYD 23610	28.50 1.45 -0.69	25.92 1.18 -1.13	25.65 1.00 -1.87	24.74 0.81 -4.24	23.15 0.75 -3.70	23.16 0.77 -3.59	23.94 0.78 -4.21	24.56 0.80 -4.82	26.00 1.14 -2.15	27.20 1.23 -2.41	28.06 1.40 -2.89	29.82 1.53 -4.72	32.25 1.63 -7.00	33.94 1.67 -8.69	34.80 1.71 -9.36	36.69 1.62 -13.15	40.82 1.80 -15.58	46.92 1.90 -20.31	48.61 1.96 -21.17	44.65 1.89 -17.19	43.55 1.75 -16.44	35.58 1.70 -7.65	31.78 1.52 -6.17	29.05 1.55 -1.27
DEERFIELD_69_KV_DEERFIELD LD 355887	36.15 2.90 -6.89	35.16 2.46 -9.10	34.54 2.21 -9.56	31.65 1.85 -10.10	29.49 1.76 -9.03	32.28 1.79 -11.69	25.75 1.78 -5.01	28.01 1.88 -7.18	33.37 2.43 -8.21	35.33 2.64 -9.13	40.00 3.11 -13.12	42.85 3.32 -15.95	45.09 3.45 -18.02	60.62 3.49 -33.55	66.43 3.56 -39.14	71.32 3.33 -46.07	78.83 3.61 -51.79	99.05 3.85 -70.48	66.88 3.97 -37.43	59.19 3.91 -29.71	51.23 3.73 -22.14	53.54 3.78 -23.54	40.03 3.37 -12.57	38.76 3.54 -8.98
DELAWARE___LFGE 323621	27.68 1.05 -0.26	24.91 0.87 -0.43	24.27 0.77 -0.71	21.98 0.67 -1.62	20.77 0.65 -1.41	20.83 0.66 -1.37	21.25 0.68 -1.61	21.47 0.68 -1.84	24.41 0.86 -0.82	25.42 0.94 -0.92	25.84 0.97 -1.10	26.32 0.94 -1.80	27.26 0.97 -2.67	27.81 0.92 -3.32	28.25 0.95 -3.58	27.84 0.90 -5.02	30.34 0.96 -5.95	33.55 1.09 -7.75	34.69 1.12 -8.09	33.26 1.13 -6.56	32.70 1.13 -6.28	30.25 1.10 -2.92	27.41 0.96 -2.36	27.72 1.00 -0.48
DERFIELD_115KV_TB7 355931	26.60 0.24 0.00	23.82 0.21 0.00	22.96 0.18 0.00	19.85 0.16 0.00	18.87 0.17 0.00	18.96 0.17 0.00	19.11 0.15 0.00	19.10 0.15 0.00	22.90 0.18 0.00	23.77 0.21 0.00	23.98 0.21 0.00	23.76 0.19 0.00	23.81 0.19 0.00	23.76 0.19 0.00	23.92 0.19 0.00	22.09 0.18 0.00	23.59 0.16 0.00	24.91 0.20 0.00	25.68 0.20 0.00	25.80 0.23 0.00	25.56 0.20 0.00	26.46 0.24 0.00	24.31 0.22 0.00	26.45 0.21 0.00
DOGLEVILLE___HYD 23807	26.65 0.29 0.00	23.85 0.24 0.00	23.01 0.23 0.00	19.91 0.22 0.00	18.90 0.21 0.00	19.00 0.21 0.00	19.18 0.23 0.00	19.14 0.19 0.00	22.95 0.23 0.00	23.75 0.19 0.00	23.95 0.19 0.00	23.72 0.14 0.00	23.72 0.09 0.00	23.62 0.05 0.00	23.75 0.02 0.00	21.90 -0.02 0.00	23.38 -0.05 0.00	24.69 -0.02 0.00	25.48 0.00 0.00	25.62 0.05 0.00	25.44 0.08 0.00	26.36 0.13 0.00	24.24 0.15 0.00	26.43 0.18 0.00
DUNKIRK___115KV_TB_200 55889	25.06 -1.40 -0.10	22.43 -1.35 -0.17	21.62 -1.44 -0.28	19.20 -1.12 -0.63	18.33 -0.92 -0.55	18.43 -0.90 -0.53	18.54 -1.04 -0.62	18.53 -1.14 -0.71	21.50 -1.55 -0.32	22.58 -1.34 -0.36	22.79 -1.40 -0.43	22.60 -1.67 -0.70	23.12 -1.54 -1.04	23.12 -1.74 -1.29	23.43 -1.68 -1.39	22.62 -1.25 -1.95	24.19 -1.55 -2.31	26.55 -1.16 -3.01	27.52 -1.10 -3.13	26.91 -1.20 -2.55	26.48 -1.32 -2.43	26.15 -1.21 -1.13	23.78 -1.23 -0.91	25.01 -1.42 -0.19
DUNKIRK___1 23563	25.06 -1.40 -0.10	22.43 -1.35 -0.17	21.62 -1.44 -0.28	19.20 -1.12 -0.63	18.33 -0.92 -0.55	18.43 -0.90 -0.53	18.54 -1.04 -0.62	18.53 -1.14 -0.71	21.50 -1.55 -0.32	22.58 -1.34 -0.36	22.79 -1.40 -0.43	22.60 -1.67 -0.70	23.12 -1.54 -1.04	23.12 -1.74 -1.29	23.43 -1.68 -1.39	22.62 -1.25 -1.95	24.19 -1.55 -2.31	26.55 -1.16 -3.01	27.52 -1.10 -3.13	26.91 -1.20 -2.55	26.48 -1.32 -2.43	26.15 -1.21 -1.13	23.78 -1.23 -0.91	25.01 -1.42 -0.19
DUNKIRK___2 23564	25.06 -1.40 -0.10	22.43 -1.35 -0.17	21.62 -1.44 -0.28	19.20 -1.12 -0.63	18.33 -0.92 -0.55	18.43 -0.90 -0.53	18.54 -1.04 -0.62	18.53 -1.14 -0.71	21.50 -1.55 -0.32	22.58 -1.34 -0.36	22.79 -1.40 -0.43	22.60 -1.67 -0.70	23.12 -1.54 -1.04	23.12 -1.74 -1.29	23.43 -1.68 -1.39	22.62 -1.25 -1.95	24.19 -1.55 -2.31	26.55 -1.16 -3.01	27.52 -1.10 -3.13	26.91 -1.20 -2.55	26.48 -1.32 -2.43	26.15 -1.21 -1.13	23.78 -1.23 -0.91	25.01 -1.42 -0.19
DUNKIRK___3 23565	25.01 -1.45 -0.10	22.38 -1.39 -0.17	21.60 -1.46 -0.28	19.16 -1.16 -0.62	18.27 -0.97 -0.55	18.35 -0.98 -0.53	18.48 -1.10 -0.62	18.43 -1.23 -0.71	21.43 -1.61 -0.32	22.48 -1.44 -0.36	22.69 -1.50 -0.43	22.53 -1.74 -0.69	23.05 -1.61 -1.03	23.04 -1.82 -1.28	23.35 -1.76 -1.38	22.56 -1.29 -1.94	24.13 -1.59 -2.30	26.47 -1.24 -2.99	27.40 -1.20 -3.12	26.82 -1.28 -2.53	26.36 -1.42 -2.42	26.04 -1.31 -1.13	23.65 -1.35 -0.91	24.91 -1.52 -0.19
DUNKIRK___4 23566	25.01 -1.45 -0.10	22.38 -1.39 -0.17	21.60 -1.46 -0.28	19.16 -1.16 -0.62	18.27 -0.97 -0.55	18.35 -0.98 -0.53	18.48 -1.10 -0.62	18.43 -1.23 -0.71	21.43 -1.61 -0.32	22.48 -1.44 -0.36	22.69 -1.50 -0.43	22.53 -1.74 -0.69	23.05 -1.61 -1.03	23.04 -1.82 -1.28	23.35 -1.76 -1.38	22.56 -1.29 -1.94	24.13 -1.59 -2.30	26.47 -1.24 -2.99	27.40 -1.20 -3.12	26.82 -1.28 -2.53	26.36 -1.42 -2.42	26.04 -1.31 -1.13	23.65 -1.35 -0.91	24.91 -1.52 -0.19
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.13 2.11 -0.66	26.48 1.79 -1.08	26.19 1.62 -1.79	25.10 1.34 -4.06	23.52 1.27 -3.55	23.54 1.30 -3.45	24.32 1.33 -4.04	24.97 1.40 -4.62	26.62 1.84 -2.06	27.85 1.98 -2.31	28.70 2.16 -2.77	30.36 2.26 -4.52	32.72 2.39 -6.71	34.32 2.40 -8.34	38.99 2.44 -12.82	41.92 2.30 -17.71	53.02 2.46 -27.14	52.35 2.64 -25.00	48.48 2.70 -20.31	44.69 2.63 -16.49	43.64 2.51 -15.77	36.05 2.49 -7.34	32.25 2.24 -5.92	29.82 2.36 -1.21
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.79 1.79 -0.63	26.16 1.51 -1.04	25.84 1.34 -1.72	24.72 1.12 -3.90	23.17 1.07 -3.41	23.17 1.07 -3.31	23.91 1.08 -3.88	24.47 1.08 -4.44	26.15 1.45 -1.98	27.36 1.58 -2.22	28.16 1.73 -2.66	29.73 1.82 -4.34	31.98 1.91 -6.44	33.51 1.93 -8.00	34.34 1.99 -8.62	35.89 1.86 -12.11	39.81 2.04 -14.35	45.58 2.17 -18.69	47.21 2.24 -19.49	43.60 2.20 -15.83	42.57 2.08 -15.14	35.28 2.02 -7.04	31.61 1.83 -5.68	29.32 1.92 -1.17

E179THST_138_KV_TB4_REV_LBMP_J 345001	29.26 2.24 -0.66	26.56 1.87 -1.08	26.19 1.62 -1.79	25.12 1.36 -4.06	23.46 1.22 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.93 1.36 -4.62	26.64 1.86 -2.06	27.85 1.98 -2.31	28.72 2.19 -2.77	30.46 2.36 -4.52	32.84 2.50 -6.71	34.41 2.50 -8.34	39.11 2.56 -12.82	41.95 2.32 -17.71	53.09 2.53 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.15 2.60 -7.34	32.30 2.29 -5.92	29.84 2.39 -1.21
E179THST_13_KV_LOAD 356214	29.42 2.40 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.20 1.44 -4.06	23.56 1.31 -3.55	23.56 1.32 -3.45	24.38 1.38 -4.04	25.03 1.46 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.31 -2.77	30.60 2.50 -4.52	32.98 2.65 -6.71	34.58 2.66 -8.34	39.25 2.71 -12.82	42.08 2.45 -17.71	53.23 2.67 -27.14	52.55 2.84 -25.00	48.71 2.93 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.29 2.73 -7.34	32.45 2.43 -5.92	29.97 2.52 -1.21
EAST HAMPTON___GT 23717	36.01 2.77 -6.89	35.02 2.32 -9.10	34.41 2.07 -9.56	31.51 1.71 -10.10	29.35 1.63 -9.03	32.14 1.65 -11.69	25.61 1.65 -5.01	27.87 1.74 -7.18	33.25 2.32 -8.21	35.24 2.55 -9.13	39.97 3.09 -13.12	42.94 3.42 -15.95	45.09 3.45 -18.02	60.71 3.58 -33.55	66.50 3.63 -39.14	71.40 3.42 -46.07	78.96 3.75 -51.79	99.08 3.88 -70.49	66.88 3.97 -37.43	59.22 3.94 -29.71	51.28 3.78 -22.14	53.67 3.91 -23.54	40.20 3.54 -12.57	38.97 3.75 -8.98
EAST RIVER___6 23660	29.36 2.35 -0.66	26.67 1.98 -1.08	26.35 1.78 -1.79	25.21 1.46 -4.06	23.61 1.36 -3.55	23.59 1.35 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.74 1.95 -2.06	27.90 2.03 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.91 2.58 -6.71	34.53 2.62 -8.34	39.18 2.63 -12.82	42.10 2.48 -17.70	53.23 2.67 -27.14	52.50 2.79 -25.00	48.63 2.85 -20.30	44.84 2.79 -16.49	43.76 2.64 -15.77	36.21 2.65 -7.34	32.42 2.41 -5.92	30.00 2.54 -1.21
EAST RIVER___7 23524	29.36 2.35 -0.66	26.67 1.98 -1.08	26.35 1.78 -1.79	25.21 1.46 -4.06	23.61 1.36 -3.55	23.59 1.35 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.74 1.95 -2.06	27.90 2.03 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.91 2.58 -6.71	34.53 2.62 -8.34	39.18 2.63 -12.82	42.10 2.48 -17.70	53.23 2.67 -27.14	52.50 2.79 -25.00	48.63 2.85 -20.30	44.84 2.79 -16.49	43.76 2.64 -15.77	36.21 2.65 -7.34	32.42 2.41 -5.92	30.00 2.54 -1.21
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.07 2.06 -0.66	26.43 1.75 -1.08	26.14 1.57 -1.79	25.05 1.30 -4.05	23.47 1.23 -3.54	23.47 1.24 -3.44	24.27 1.29 -4.03	24.90 1.35 -4.61	26.55 1.77 -2.05	27.78 1.91 -2.31	28.62 2.09 -2.77	30.28 2.19 -4.51	32.61 2.29 -6.69	34.20 2.31 -8.31	38.89 2.37 -12.79	41.82 2.24 -17.67	52.91 2.39 -27.09	52.20 2.55 -24.94	48.35 2.62 -20.25	44.57 2.56 -16.44	43.52 2.43 -15.72	35.92 2.39 -7.31	32.17 2.17 -5.90	29.73 2.28 -1.21
EAST_HAMPTON___DIESEL 23722	35.96 2.72 -6.89	34.98 2.27 -9.10	34.36 2.03 -9.56	31.45 1.65 -10.10	29.30 1.57 -9.03	32.09 1.60 -11.69	25.58 1.61 -5.01	27.84 1.71 -7.18	33.21 2.27 -8.21	35.16 2.47 -9.13	39.93 3.04 -13.12	42.87 3.35 -15.95	45.05 3.40 -18.02	60.66 3.54 -33.55	66.46 3.58 -39.14	71.36 3.37 -46.07	78.90 3.68 -51.79	99.03 3.83 -70.49	66.83 3.92 -37.43	59.16 3.89 -29.71	51.25 3.75 -22.14	53.64 3.88 -23.54	40.18 3.52 -12.57	38.97 3.75 -8.98
EAST_POINT___SOLAR 323840	29.67 2.35 -0.97	27.25 2.05 -1.58	27.18 1.78 -2.62	27.22 1.58 -5.95	25.39 1.50 -5.20	25.25 1.41 -5.05	26.14 1.27 -5.92	26.80 1.08 -6.77	26.85 1.11 -3.02	27.80 0.85 -3.39	28.85 1.02 -4.06	31.00 0.80 -6.63	34.52 1.06 -9.83	36.61 0.82 -12.21	37.78 0.90 -13.15	41.32 0.92 -18.48	46.14 0.82 -21.89	54.52 1.28 -28.53	57.26 2.04 -29.75	52.10 2.38 -24.15	50.84 2.38 -23.10	39.36 2.39 -10.75	34.91 2.14 -8.67	30.20 2.18 -1.78
EAST_PULASKI___ESR 323781	26.22 -0.18 -0.04	23.47 -0.21 -0.07	22.64 -0.25 -0.11	19.76 -0.20 -0.26	18.74 -0.19 -0.23	18.81 -0.21 -0.22	18.97 -0.25 -0.26	18.96 -0.28 -0.30	22.42 -0.43 -0.13	23.33 -0.38 -0.15	23.52 -0.43 -0.18	23.44 -0.42 -0.29	23.60 -0.45 -0.43	23.61 -0.50 -0.53	23.76 -0.54 -0.58	22.26 -0.46 -0.81	23.89 -0.49 -0.96	25.49 -0.47 -1.25	26.40 -0.46 -1.38	26.24 -0.38 -1.06	25.96 -0.41 -1.01	26.30 -0.39 -0.47	24.14 -0.34 -0.38	25.95 -0.37 -0.08
EAST_RIVER___1 323558	29.31 2.29 -0.66	26.65 1.96 -1.08	26.32 1.75 -1.79	25.19 1.44 -4.06	23.61 1.36 -3.55	23.61 1.37 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.76 1.98 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.89 2.55 -6.71	34.51 2.59 -8.34	39.18 2.63 -12.82	42.10 2.48 -17.70	53.21 2.65 -27.14	52.47 2.77 -25.00	48.63 2.85 -20.30	44.82 2.76 -16.49	43.76 2.64 -15.77	36.21 2.65 -7.34	32.40 2.39 -5.92	30.00 2.54 -1.21
EAST_RIVER___2 323559	29.36 2.35 -0.66	26.67 1.98 -1.08	26.35 1.78 -1.79	25.21 1.46 -4.06	23.61 1.36 -3.55	23.59 1.35 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.74 1.95 -2.06	27.90 2.03 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.91 2.58 -6.71	34.53 2.62 -8.34	39.18 2.63 -12.82	42.10 2.48 -17.70	53.23 2.67 -27.14	52.50 2.79 -25.00	48.63 2.85 -20.30	44.84 2.79 -16.49	43.76 2.64 -15.77	36.21 2.65 -7.34	32.42 2.41 -5.92	30.00 2.54 -1.21
EAST___DELAWARE_HYD 23607	28.08 1.13 -0.59	25.49 0.92 -0.96	25.12 0.75 -1.59	23.89 0.59 -3.61	22.39 0.54 -3.15	22.42 0.56 -3.06	23.09 0.55 -3.59	23.58 0.53 -4.10	25.34 0.79 -1.83	26.46 0.85 -2.05	27.22 1.00 -2.46	28.70 1.11 -4.01	30.78 1.20 -5.96	31.63 0.66 -7.40	32.39 0.69 -7.97	33.81 0.70 -11.20	37.56 0.87 -13.26	42.88 0.89 -17.28	44.41 0.92 -18.02	41.07 0.87 -14.63	40.11 0.76 -13.99	34.07 1.34 -6.51	30.48 1.13 -5.25	28.47 1.15 -1.08
EIGHT_POINT___WT_PWR 323820	25.67 -0.82 -0.13	23.04 -0.78 -0.21	22.23 -0.89 -0.34	19.76 -0.71 -0.78	18.72 -0.65 -0.68	18.80 -0.66 -0.66	19.08 -0.64 -0.77	19.13 -0.70 -0.89	22.16 -0.95 -0.39	23.09 -0.92 -0.44	23.20 -1.09 -0.53	23.29 -1.15 -0.87	23.80 -1.11 -1.29	23.97 -1.20 -1.60	24.21 -1.23 -1.72	23.28 -1.05 -2.42	25.12 -1.17 -2.86	27.11 -1.33 -3.73	27.98 -1.40 -3.90	27.37 -1.36 -3.16	27.04 -1.34 -3.02	26.19 -1.44 -1.41	23.93 -1.30 -1.13	25.35 -1.13 -0.23
ELBRIDGE_115KV_TB2 80188	26.42 0.00 -0.06	23.64 -0.07 -0.10	22.84 -0.11 -0.17	20.01 -0.08 -0.39	18.98 -0.06 -0.34	19.07 -0.06 -0.33	19.27 -0.08 -0.39	19.30 -0.09 -0.44	22.76 -0.16 -0.20	23.71 -0.07 -0.22	23.94 -0.10 -0.27	23.82 -0.19 -0.43	24.10 -0.17 -0.64	24.16 -0.21 -0.80	24.38 -0.21 -0.86	22.91 -0.22 -1.21	24.61 -0.26 -1.44	26.41 -0.17 -1.87	27.30 -0.18 -2.00	26.97 -0.18 -1.58	26.65 -0.23 -1.51	26.72 -0.21 -0.70	24.47 -0.19 -0.57	26.17 -0.18 -0.12
ELEC_TRO_TEK 24086	35.70 2.45 -6.89	34.81 2.10 -9.10	34.25 1.91 -9.56	31.39 1.60 -10.10	29.22 1.50 -9.03	32.01 1.52 -11.69	25.52 1.55 -5.01	27.74 1.61 -7.18	33.05 2.11 -8.21	34.95 2.26 -9.13	39.33 2.45 -13.12	46.50 2.55 -20.38	50.44 2.67 -24.14	61.21 2.69 -34.94	67.29 2.75 -40.81	72.45 2.59 -47.95	79.48 2.74 -53.32	69.72 2.94 -42.07	66.81 3.03 -38.30	50.64 2.97 -22.11	50.62 2.81 -22.45	53.06 2.83 -24.01	39.19 2.53 -12.57	37.89 2.68 -8.98

ELLENBURG_WT_PWR 323604	24.96 -1.40 0.00	22.50 -1.11 0.00	21.82 -0.96 0.00	18.89 -0.81 0.00	17.86 -0.84 0.00	18.01 -0.79 0.00	18.23 -0.72 0.00	18.23 -0.72 0.00	21.77 -0.95 0.00	22.57 -0.99 0.00	22.74 -1.02 0.00	22.44 -1.13 0.00	22.42 -1.20 0.00	22.49 -1.08 0.00	22.73 -1.00 0.00	20.80 -1.12 0.00	22.37 -1.05 0.00	23.75 -0.96 0.00	24.51 -0.97 0.00	24.57 -1.00 0.00	24.55 -0.81 0.00	25.41 -0.81 0.00	23.39 -0.70 0.00	25.43 -0.81 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.98 -1.48 -0.10	22.35 -1.42 -0.16	21.54 -1.50 -0.26	19.11 -1.18 -0.59	18.21 -1.01 -0.52	18.28 -1.01 -0.50	18.37 -1.18 -0.59	18.28 -1.35 -0.67	21.25 -1.77 -0.30	22.32 -1.58 -0.34	22.53 -1.64 -0.40	22.35 -1.89 -0.66	22.88 -1.72 -0.98	22.86 -1.93 -1.22	23.14 -1.90 -1.31	22.36 -1.40 -1.84	23.92 -1.69 -2.18	26.24 -1.31 -2.84	27.14 -1.30 -2.96	26.57 -1.41 -2.41	26.14 -1.52 -2.30	25.88 -1.42 -1.07	23.44 -1.52 -0.86	24.74 -1.68 -0.18
EMPIRE_CC_1 323656	28.04 0.87 -0.81	25.81 0.87 -1.33	25.84 0.87 -2.20	25.45 0.77 -4.99	23.78 0.73 -4.36	23.76 0.73 -4.23	24.61 0.70 -4.96	25.30 0.68 -5.67	26.09 0.84 -2.53	27.27 0.87 -2.84	28.02 0.85 -3.40	29.97 0.85 -5.55	32.69 0.83 -8.24	34.61 0.80 -10.23	35.58 0.83 -11.02	38.19 0.79 -15.48	42.61 0.84 -18.34	49.47 0.86 -23.90	51.26 0.87 -24.92	46.67 0.87 -20.24	45.60 0.89 -19.35	36.22 1.00 -9.00	32.27 0.92 -7.27	28.65 0.92 -1.49
EMPIRE_CC_2 323658	28.04 0.87 -0.81	25.81 0.87 -1.33	25.84 0.87 -2.20	25.45 0.77 -4.99	23.78 0.73 -4.36	23.76 0.73 -4.23	24.61 0.70 -4.96	25.30 0.68 -5.67	26.09 0.84 -2.53	27.27 0.87 -2.84	28.02 0.85 -3.40	29.97 0.85 -5.55	32.69 0.83 -8.24	34.61 0.80 -10.23	35.58 0.83 -11.02	38.19 0.79 -15.48	42.61 0.84 -18.34	49.47 0.86 -23.90	51.26 0.87 -24.92	46.67 0.87 -20.24	45.60 0.89 -19.35	36.22 1.00 -9.00	32.27 0.92 -7.27	28.65 0.92 -1.49
ENORWICH_115KV_TB1 80156	28.32 1.77 -0.19	25.44 1.51 -0.32	24.67 1.37 -0.52	22.14 1.26 -1.19	20.99 1.25 -1.04	21.12 1.32 -1.00	21.54 1.40 -1.18	21.57 1.27 -1.35	24.71 1.39 -0.60	25.65 1.41 -0.67	25.90 1.33 -0.81	26.00 1.11 -1.32	26.62 1.04 -1.96	26.88 0.87 -2.43	27.23 0.88 -2.62	26.50 0.90 -3.68	28.79 1.01 -4.36	31.77 1.38 -5.68	32.97 1.55 -5.94	32.09 1.71 -4.81	31.56 1.60 -4.60	30.12 1.76 -2.14	27.31 1.49 -1.73	28.09 1.50 -0.35
ERIE_ST_34_KV_TB1-2 80199	24.82 -1.63 -0.10	22.19 -1.58 -0.16	21.36 -1.69 -0.27	18.97 -1.34 -0.62	18.08 -1.16 -0.54	18.13 -1.18 -0.52	18.26 -1.31 -0.61	18.21 -1.44 -0.70	21.15 -1.89 -0.31	22.21 -1.70 -0.35	22.45 -1.73 -0.42	22.28 -1.98 -0.68	22.82 -1.82 -1.02	22.83 -2.00 -1.26	23.14 -1.95 -1.36	22.36 -1.47 -1.91	23.93 -1.76 -2.26	26.22 -1.43 -2.95	27.15 -1.40 -3.07	26.53 -1.53 -2.50	26.10 -1.65 -2.39	25.76 -1.57 -1.11	23.38 -1.61 -0.90	24.59 -1.84 -0.18
ERIE_WT_PWR 323693	25.03 -1.42 -0.10	22.40 -1.37 -0.16	21.59 -1.46 -0.27	19.16 -1.14 -0.61	18.26 -0.97 -0.53	18.33 -0.98 -0.52	18.42 -1.14 -0.60	18.35 -1.29 -0.69	21.35 -1.68 -0.31	22.28 -1.63 -0.35	22.37 -1.81 -0.41	22.44 -1.81 -0.68	22.95 -1.68 -1.00	22.98 -1.84 -1.25	23.27 -1.80 -1.34	22.27 -1.53 -1.89	24.00 -1.66 -2.23	25.74 -1.88 -2.91	26.47 -2.04 -3.03	25.91 -2.12 -2.46	25.64 -2.08 -2.36	25.17 -2.15 -1.10	23.07 -1.90 -0.89	24.80 -1.63 -0.18
ESPRGFLD_115KV_TB1 80157	28.01 1.69 0.03	24.97 1.42 0.05	23.90 1.21 0.09	20.53 1.04 0.20	19.53 1.01 0.18	19.64 1.01 0.17	19.77 1.02 0.20	19.68 0.97 0.23	23.82 1.20 0.10	24.67 1.23 0.12	24.91 1.28 0.14	24.53 1.18 0.23	24.51 1.23 0.34	24.29 1.13 0.42	24.44 1.16 0.45	22.40 1.12 0.63	23.82 1.15 0.75	25.16 1.43 0.98	26.14 1.68 1.02	26.51 1.76 0.83	26.27 1.70 0.79	27.59 1.73 0.37	25.31 1.52 0.30	27.70 1.52 0.06
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.08 0.58 -0.14	24.29 0.45 -0.23	23.53 0.36 -0.39	20.91 0.33 -0.88	19.82 0.36 -0.77	19.88 0.34 -0.74	20.19 0.36 -0.87	20.27 0.32 -1.00	23.48 0.32 -0.44	24.46 0.40 -0.50	24.72 0.36 -0.60	24.81 0.26 -0.98	25.31 0.24 -1.45	25.56 0.19 -1.80	25.86 0.19 -1.94	24.86 0.22 -2.72	26.89 0.23 -3.22	29.36 0.44 -4.20	30.39 0.51 -4.41	29.66 0.54 -3.56	29.27 0.51 -3.40	28.33 0.52 -1.58	25.80 0.43 -1.28	26.95 0.45 -0.26
ETNA____115KV_TB2 80207	27.08 0.58 -0.14	24.29 0.45 -0.23	23.53 0.36 -0.39	20.91 0.33 -0.88	19.82 0.36 -0.77	19.88 0.34 -0.74	20.19 0.36 -0.87	20.27 0.32 -1.00	23.48 0.32 -0.44	24.46 0.40 -0.50	24.72 0.36 -0.60	24.81 0.26 -0.98	25.31 0.24 -1.45	25.56 0.19 -1.80	25.86 0.19 -1.94	24.86 0.22 -2.72	26.89 0.23 -3.22	29.36 0.44 -4.20	30.39 0.51 -4.41	29.66 0.54 -3.56	29.27 0.51 -3.40	28.33 0.52 -1.58	25.80 0.43 -1.28	26.95 0.45 -0.26
EUCLID____115KV_TB2 356179	26.28 -0.13 -0.05	23.50 -0.19 -0.08	22.68 -0.23 -0.13	19.82 -0.18 -0.30	18.81 -0.15 -0.26	18.90 -0.15 -0.26	19.08 -0.17 -0.30	19.10 -0.19 -0.34	22.60 -0.27 -0.15	23.54 -0.19 -0.17	23.76 -0.21 -0.21	23.63 -0.28 -0.34	23.86 -0.26 -0.50	23.89 -0.31 -0.62	24.06 -0.33 -0.67	22.55 -0.31 -0.94	24.19 -0.35 -1.11	25.86 -0.30 -1.45	26.70 -0.31 -1.53	26.46 -0.33 -1.23	26.18 -0.36 -1.17	26.40 -0.37 -0.55	24.20 -0.34 -0.44	26.02 -0.31 -0.09
E_CANADA_CAP_HY 24051	29.44 2.08 -1.00	27.04 1.79 -1.64	27.05 1.55 -2.72	27.24 1.38 -6.17	25.40 1.31 -5.39	25.31 1.28 -5.23	26.34 1.25 -6.13	27.12 1.16 -7.01	27.21 1.36 -3.12	28.37 1.29 -3.51	29.33 1.35 -4.21	31.71 1.27 -6.87	35.16 1.35 -10.19	37.43 1.20 -12.66	38.59 1.23 -13.63	42.30 1.23 -19.15	47.31 1.19 -22.69	55.78 1.51 -29.57	58.19 1.89 -30.83	52.67 2.07 -25.03	51.32 2.03 -23.94	39.38 2.02 -11.14	34.96 1.88 -8.99	29.97 1.89 -1.84
E_CANADA_MHWK_HY 24050	26.65 0.29 0.00	23.85 0.24 0.00	23.01 0.23 0.00	19.91 0.22 0.00	18.90 0.21 0.00	19.00 0.21 0.00	19.18 0.23 0.00	19.14 0.19 0.00	22.95 0.23 0.00	23.75 0.19 0.00	23.95 0.19 0.00	23.72 0.14 0.00	23.72 0.09 0.00	23.62 0.05 0.00	23.75 0.02 0.00	21.90 -0.02 0.00	23.38 -0.05 0.00	24.69 -0.02 0.00	25.48 0.00 0.00	25.62 0.05 0.00	25.44 0.08 0.00	26.36 0.13 0.00	24.24 0.15 0.00	26.43 0.18 0.00
E_FISHKILL____LBMP 23776	28.80 1.77 -0.68	26.23 1.51 -1.11	25.98 1.37 -1.84	25.01 1.14 -4.17	23.43 1.08 -3.65	23.42 1.09 -3.54	24.22 1.12 -4.15	24.85 1.16 -4.75	26.38 1.55 -2.11	27.59 1.65 -2.38	28.40 1.78 -2.85	30.08 1.86 -4.65	32.45 1.94 -6.89	34.07 1.93 -8.56	38.78 1.99 -13.06	41.83 1.86 -18.05	52.96 1.99 -27.54	52.39 2.15 -25.53	48.53 2.19 -20.86	44.65 2.15 -16.94	43.61 2.05 -16.19	35.80 2.05 -7.53	32.03 1.86 -6.08	29.43 1.94 -1.25
FALCON____SEABRD_CC1 323796	25.15 -1.21 0.00	22.69 -0.92 0.00	22.00 -0.77 0.00	19.02 -0.67 0.00	18.01 -0.69 0.00	18.14 -0.66 0.00	18.39 -0.57 0.00	18.38 -0.57 0.00	21.91 -0.82 0.00	22.74 -0.83 0.00	22.91 -0.85 0.00	22.63 -0.94 0.00	22.56 -1.06 0.00	22.66 -0.92 0.00	22.92 -0.81 0.00	20.95 -0.96 0.00	22.56 -0.87 0.00	23.92 -0.79 0.00	24.69 -0.79 0.00	24.78 -0.79 0.00	24.75 -0.61 0.00	25.62 -0.60 0.00	23.59 -0.51 0.00	25.61 -0.63 0.00

FALCON___SEABRD_CC2 323797	25.15 -1.21 0.00	22.69 -0.92 0.00	22.00 -0.77 0.00	19.02 -0.67 0.00	18.01 -0.69 0.00	18.14 -0.66 0.00	18.39 -0.57 0.00	18.38 -0.57 0.00	21.91 -0.82 0.00	22.74 -0.83 0.00	22.91 -0.85 0.00	22.63 -0.94 0.00	22.56 -1.06 0.00	22.66 -0.92 0.00	22.92 -0.81 0.00	20.95 -0.96 0.00	22.56 -0.87 0.00	23.92 -0.79 0.00	24.69 -0.79 0.00	24.78 -0.79 0.00	24.75 -0.61 0.00	25.62 -0.60 0.00	23.59 -0.51 0.00	25.61 -0.63 0.00
FAR ROCKAWAY___4 23548	36.12 2.87 -6.89	35.19 2.48 -9.10	34.57 2.23 -9.56	31.67 1.87 -10.10	29.50 1.78 -9.03	32.28 1.79 -11.69	25.77 1.80 -5.01	27.99 1.86 -7.18	33.37 2.43 -8.21	35.33 2.64 -9.13	39.78 2.90 -13.12	53.16 3.06 -26.51	59.11 3.00 -32.49	61.35 2.83 -34.94	67.43 2.89 -40.81	72.58 2.72 -47.95	79.63 2.88 -53.32	69.87 3.09 -42.07	66.96 3.18 -38.30	50.77 3.09 -22.11	50.75 2.94 -22.45	53.17 2.94 -24.01	39.67 3.01 -12.57	38.39 3.18 -8.98
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.31 2.29 -0.66	26.65 1.96 -1.08	26.32 1.75 -1.79	25.20 1.44 -4.06	23.61 1.36 -3.55	23.61 1.37 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.31 -2.77	30.55 2.45 -4.52	32.91 2.57 -6.71	34.53 2.62 -8.34	39.20 2.66 -12.82	42.10 2.48 -17.71	53.19 2.62 -27.14	52.52 2.82 -25.00	48.69 2.90 -20.30	44.89 2.84 -16.49	43.81 2.69 -15.77	36.23 2.67 -7.34	32.45 2.43 -5.92	30.03 2.57 -1.21
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.34 2.32 -0.66	26.65 1.96 -1.08	26.32 1.75 -1.79	25.21 1.46 -4.06	23.61 1.36 -3.55	23.61 1.37 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.84 2.31 -2.77	30.55 2.45 -4.52	32.91 2.57 -6.71	34.53 2.62 -8.34	39.20 2.66 -12.82	42.10 2.48 -17.71	53.19 2.62 -27.14	52.52 2.82 -25.00	48.69 2.90 -20.30	44.89 2.84 -16.49	43.84 2.71 -15.77	36.23 2.67 -7.34	32.45 2.43 -5.92	30.03 2.57 -1.21
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.31 2.29 -0.66	26.63 1.94 -1.08	26.30 1.73 -1.79	25.20 1.44 -4.06	23.59 1.35 -3.55	23.61 1.37 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.82 2.28 -2.77	30.55 2.45 -4.52	32.88 2.55 -6.71	34.51 2.59 -8.34	39.18 2.63 -12.82	42.08 2.45 -17.71	53.16 2.60 -27.14	52.50 2.79 -25.00	48.66 2.88 -20.30	44.87 2.81 -16.49	43.79 2.66 -15.77	36.21 2.65 -7.34	32.42 2.41 -5.92	30.00 2.55 -1.21
FARRAGUT___LBMP 323566	29.29 2.27 -0.66	26.63 1.94 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.59 1.35 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.73 1.95 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.63 2.85 -20.30	44.84 2.79 -16.49	43.76 2.64 -15.77	36.18 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
FENNER___WINDPWR 24204	27.05 0.61 -0.08	24.24 0.50 -0.14	23.44 0.43 -0.23	20.60 0.39 -0.51	19.54 0.39 -0.45	19.63 0.40 -0.44	19.86 0.40 -0.51	19.89 0.36 -0.58	23.37 0.39 -0.26	24.25 0.40 -0.29	24.49 0.38 -0.35	24.50 0.35 -0.57	24.83 0.35 -0.85	24.91 0.28 -1.05	25.15 0.29 -1.14	23.82 0.31 -1.60	25.67 0.35 -1.89	27.59 0.42 -2.46	28.52 0.46 -2.59	28.17 0.51 -2.08	27.83 0.48 -1.99	27.65 0.50 -0.93	25.28 0.43 -0.75	26.87 0.47 -0.15
FIBERTEK___ENERGY 23856	26.52 0.11 -0.06	23.75 0.05 -0.10	22.94 0.00 -0.16	20.06 0.00 -0.36	19.05 0.04 -0.32	19.12 0.02 -0.31	19.33 0.02 -0.36	19.36 0.00 -0.41	22.86 -0.05 -0.18	23.84 0.07 -0.21	24.06 0.05 -0.25	23.96 -0.02 -0.40	24.20 -0.02 -0.60	24.27 -0.05 -0.74	24.46 -0.07 -0.80	22.95 -0.09 -1.12	24.62 -0.14 -1.33	26.39 -0.05 -1.73	27.28 -0.05 -1.86	26.96 -0.08 -1.47	26.66 -0.10 -1.40	26.77 -0.10 -0.65	24.55 -0.07 -0.53	26.30 -0.05 -0.11
FITZPATRICK____ 23598	25.89 -0.50 -0.04	23.17 -0.50 -0.06	22.37 -0.50 -0.10	19.48 -0.43 -0.22	18.49 -0.39 -0.19	18.58 -0.40 -0.18	18.75 -0.42 -0.22	18.76 -0.44 -0.25	22.24 -0.59 -0.11	23.07 -0.61 -0.12	23.25 -0.67 -0.15	23.18 -0.64 -0.24	23.34 -0.64 -0.36	23.36 -0.66 -0.44	23.52 -0.69 -0.48	22.00 -0.59 -0.67	23.59 -0.63 -0.80	25.06 -0.69 -1.04	25.58 -0.71 -0.82	25.73 -0.72 -0.88	25.46 -0.74 -0.84	25.85 -0.76 -0.39	23.73 -0.67 -0.32	25.62 -0.68 -0.06
FLOWRFLD_69_KV_BK1 356044	36.04 2.79 -6.89	35.12 2.41 -9.10	34.52 2.19 -9.56	31.65 1.85 -10.10	29.49 1.76 -9.03	32.26 1.77 -11.69	25.77 1.80 -5.01	28.01 1.88 -7.18	33.30 2.36 -8.21	35.16 2.47 -9.13	39.62 2.73 -13.12	42.28 2.83 -15.88	44.41 2.93 -17.86	59.13 2.88 -32.68	64.74 2.92 -38.09	69.53 2.74 -44.88	77.29 2.98 -50.88	107.72 3.19 -79.82	65.68 3.29 -36.92	61.08 3.27 -32.24	50.44 3.12 -21.96	52.63 3.15 -23.26	39.53 2.87 -12.57	38.26 3.04 -8.98
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.08 2.06 -0.66	26.47 1.77 -1.09	26.15 1.57 -1.80	25.10 1.32 -4.09	23.50 1.23 -3.57	23.52 1.26 -3.46	24.27 1.25 -4.06	24.83 1.23 -4.65	26.45 1.66 -2.07	27.65 1.77 -2.33	28.53 1.97 -2.79	30.20 2.07 -4.55	32.57 2.20 -6.75	34.17 2.22 -8.38	35.01 2.25 -9.03	36.73 2.13 -12.68	40.82 2.37 -15.03	46.79 2.50 -19.58	48.44 2.55 -20.42	44.65 2.51 -16.58	43.57 2.36 -15.85	35.91 2.31 -7.38	32.09 2.05 -5.95	29.61 2.15 -1.22
FORT ORANGE____ 23900	28.07 0.87 -0.84	25.81 0.83 -1.37	26.03 0.98 -2.28	25.73 0.87 -5.17	24.03 0.82 -4.51	24.00 0.83 -4.38	24.91 0.81 -5.14	25.51 0.68 -5.88	26.11 0.77 -2.62	27.30 0.80 -2.94	28.10 0.81 -3.53	30.08 0.75 -5.75	32.91 0.76 -8.53	34.91 0.73 -10.60	35.88 0.74 -11.42	38.68 0.72 -16.04	43.25 0.82 -19.01	50.34 0.86 -24.76	52.19 0.89 -25.82	47.43 0.89 -20.97	46.32 0.91 -20.05	36.49 0.94 -9.33	32.44 0.82 -7.53	28.62 0.84 -1.54
FORT_DRUM_COGEN 23780	26.10 -0.29 -0.03	23.37 -0.28 -0.05	22.56 -0.30 -0.08	19.62 -0.26 -0.18	18.59 -0.26 -0.16	18.68 -0.26 -0.15	18.87 -0.27 -0.18	18.75 -0.40 -0.20	22.20 -0.61 -0.09	23.07 -0.59 -0.10	23.24 -0.64 -0.12	23.04 -0.73 -0.20	23.09 -0.83 -0.30	23.05 -0.90 -0.37	23.17 -0.95 -0.40	21.64 -0.83 -0.55	23.27 -0.82 -0.66	24.87 -0.69 -0.86	25.87 -0.54 -0.93	26.01 -0.28 -0.73	25.80 -0.25 -0.69	26.36 -0.18 -0.32	24.09 -0.27 -0.26	25.93 -0.37 -0.05
FOX_HILLS___ESR 323835	29.31 2.29 -0.66	26.58 1.89 -1.08	26.21 1.64 -1.79	25.10 1.34 -4.06	23.46 1.22 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.93 1.36 -4.62	26.67 1.89 -2.06	27.90 2.03 -2.31	28.80 2.26 -2.77	30.63 2.48 -4.58	45.97 2.65 -19.70	34.53 2.62 -8.34	39.26 2.66 -12.87	42.03 2.41 -17.71	53.23 2.67 -27.14	52.57 2.87 -25.00	48.71 2.93 -20.31	44.89 2.84 -16.49	43.79 2.66 -15.77	36.37 2.75 -7.39	32.42 2.41 -5.92	29.95 2.49 -1.21
FPL FAR_ROCK_GT1 24212	36.13 2.87 -6.89	35.19 2.48 -9.10	34.57 2.23 -9.56	31.67 1.87 -10.10	29.51 1.78 -9.03	32.28 1.79 -11.69	25.77 1.80 -5.01	27.99 1.86 -7.18	33.37 2.43 -8.21	35.30 2.61 -9.13	39.76 2.87 -13.12	53.15 3.06 -26.51	59.28 3.17 -32.49	61.35 2.83 -34.95	67.44 2.89 -40.81	72.59 2.72 -47.95	79.65 2.90 -53.32	69.82 3.04 -42.07	66.91 3.13 -38.30	50.70 3.02 -22.11	50.70 2.89 -22.45	53.15 2.91 -24.01	39.65 2.99 -12.57	38.40 3.17 -8.98

FPL FAR_ROCK_GT2 23815	36.13 2.87 -6.89	35.19 2.48 -9.10	34.57 2.23 -9.56	31.67 1.87 -10.10	29.51 1.78 -9.03	32.28 1.79 -11.69	25.77 1.80 -5.01	27.99 1.86 -7.18	33.37 2.43 -8.21	35.30 2.61 -9.13	39.76 2.87 -13.12	53.15 3.06 -26.51	59.28 3.17 -32.49	61.35 2.83 -34.95	67.44 2.89 -40.81	72.59 2.72 -47.95	79.65 2.90 -53.32	69.82 3.04 -42.07	66.91 3.13 -38.30	50.70 3.02 -22.11	50.70 2.89 -22.45	53.15 2.91 -24.01	39.65 2.99 -12.57	38.40 3.17 -8.98
FRANKLIN_FALL_HYD 24054	24.99 -1.37 0.00	22.57 -1.04 0.00	21.89 -0.89 0.00	18.91 -0.79 0.00	17.89 -0.80 0.00	18.01 -0.79 0.00	18.27 -0.68 0.00	18.27 -0.68 0.00	21.79 -0.93 0.00	22.52 -1.04 0.00	22.67 -1.09 0.00	22.52 -1.06 0.00	22.44 -1.18 0.00	22.54 -1.04 0.00	22.76 -0.97 0.00	20.91 -1.01 0.00	22.49 -0.94 0.00	23.72 -0.99 0.00	24.46 -1.02 0.00	24.60 -0.97 0.00	24.62 -0.74 0.00	25.38 -0.84 0.00	23.32 -0.77 0.00	25.35 -0.89 0.00
FREEPORT_EQUS_GT1 23764	35.91 2.66 -6.89	35.00 2.29 -9.10	34.41 2.07 -9.56	31.53 1.73 -10.10	29.37 1.65 -9.03	32.14 1.65 -11.69	25.65 1.69 -5.01	27.87 1.74 -7.18	33.21 2.27 -8.21	35.12 2.43 -9.13	39.55 2.66 -13.12	46.13 2.71 -19.84	49.86 2.83 -23.41	61.32 2.80 -34.94	67.41 2.87 -40.81	72.59 2.72 -47.95	79.65 2.90 -53.32	69.82 3.04 -42.07	66.88 3.11 -38.30	50.70 3.02 -22.11	50.80 2.99 -22.45	53.32 3.09 -24.01	39.43 2.77 -12.57	38.16 2.94 -8.98
FREEPORT___CT2 23818	35.91 2.66 -6.89	35.00 2.29 -9.10	34.41 2.07 -9.56	31.53 1.73 -10.10	29.37 1.65 -9.03	32.14 1.65 -11.69	25.65 1.69 -5.01	27.87 1.74 -7.18	33.21 2.27 -8.21	35.12 2.43 -9.13	39.55 2.66 -13.12	46.13 2.71 -19.84	49.86 2.83 -23.41	61.32 2.80 -34.94	67.41 2.87 -40.81	72.59 2.72 -47.95	79.65 2.90 -53.32	69.82 3.04 -42.07	66.88 3.11 -38.30	50.70 3.02 -22.11	50.80 2.99 -22.45	53.32 3.09 -24.01	39.43 2.77 -12.57	38.16 2.94 -8.98
FRESHKLS_33_KV_LOAD 356253	29.26 2.24 -0.66	26.52 1.84 -1.07	26.16 1.59 -1.78	25.05 1.30 -4.06	23.40 1.16 -3.54	23.40 1.17 -3.44	24.24 1.25 -4.03	24.89 1.33 -4.61	26.61 1.84 -2.05	27.85 1.98 -2.31	28.74 2.21 -2.77	30.57 2.45 -4.54	39.58 2.60 -13.35	34.48 2.57 -8.33	39.22 2.63 -12.85	42.00 2.39 -17.70	53.23 2.67 -27.13	52.54 2.84 -24.99	48.70 2.93 -20.30	44.86 2.81 -16.48	43.78 2.66 -15.76	36.32 2.73 -7.37	32.39 2.39 -5.91	29.89 2.44 -1.21
FULTON COGEN____ 23766	26.25 -0.16 -0.05	23.50 -0.19 -0.08	22.68 -0.23 -0.13	19.78 -0.20 -0.29	18.78 -0.17 -0.25	18.87 -0.17 -0.24	19.05 -0.19 -0.28	19.07 -0.21 -0.32	22.57 -0.30 -0.14	23.49 -0.24 -0.16	23.70 -0.26 -0.19	23.56 -0.33 -0.32	23.76 -0.33 -0.47	23.81 -0.35 -0.59	23.98 -0.38 -0.63	22.43 -0.37 -0.89	24.03 -0.45 -1.05	25.71 -0.37 -1.37	26.61 -0.38 -1.51	26.32 -0.41 -1.16	26.06 -0.41 -1.11	26.32 -0.42 -0.52	24.12 -0.39 -0.42	25.96 -0.37 -0.09
FULTON___LFGE 323630	30.38 3.06 -0.96	27.87 2.69 -1.57	27.69 2.30 -2.61	27.68 2.07 -5.92	25.83 1.96 -5.17	25.77 1.95 -5.02	26.81 1.97 -5.89	27.59 1.91 -6.73	28.24 2.52 -3.00	29.48 2.55 -3.37	30.37 2.57 -4.04	32.54 2.38 -6.59	35.83 2.43 -9.78	37.98 2.26 -12.14	39.11 2.30 -13.08	42.53 2.24 -18.37	47.59 2.39 -21.77	55.91 2.84 -28.36	58.16 3.11 -29.58	52.80 3.22 -24.01	51.49 3.17 -22.96	40.08 3.17 -10.68	35.49 2.77 -8.62	30.79 2.78 -1.77
G.F.CEMENT___DRP 24184	29.26 2.03 -0.88	26.88 1.84 -1.43	26.75 1.59 -2.37	26.52 1.44 -5.39	24.79 1.38 -4.70	24.73 1.37 -4.57	25.69 1.38 -5.36	26.42 1.35 -6.12	27.29 1.84 -2.73	28.61 1.98 -3.07	29.29 1.85 -3.68	31.39 1.82 -5.99	34.17 1.65 -8.90	36.16 1.53 -11.05	36.72 1.09 -11.90	39.67 1.03 -16.72	44.27 1.03 -19.81	51.71 1.19 -25.81	53.79 1.40 -26.91	48.88 1.46 -21.85	47.83 1.57 -20.90	37.62 1.68 -9.72	33.82 1.88 -7.85	29.74 1.89 -1.61
GARDENVILLE___LBMP 24039	24.98 -1.48 -0.10	22.35 -1.42 -0.16	21.54 -1.50 -0.27	19.12 -1.18 -0.61	18.22 -1.01 -0.53	18.28 -1.03 -0.51	18.38 -1.18 -0.60	18.31 -1.33 -0.69	21.28 -1.75 -0.31	22.35 -1.56 -0.34	22.56 -1.62 -0.41	22.39 -1.86 -0.67	22.90 -1.72 -1.00	22.91 -1.91 -1.24	23.19 -1.87 -1.34	22.40 -1.40 -1.88	23.97 -1.69 -2.23	26.30 -1.31 -2.90	27.23 -1.27 -3.03	26.65 -1.38 -2.46	26.19 -1.52 -2.35	25.90 -1.42 -1.09	23.48 -1.49 -0.88	24.74 -1.68 -0.18
GARDNVLA_35_KV_LD 355827	25.09 -1.37 -0.10	22.43 -1.35 -0.16	21.63 -1.41 -0.27	19.18 -1.12 -0.61	18.28 -0.95 -0.53	18.35 -0.96 -0.52	18.44 -1.12 -0.60	18.37 -1.27 -0.69	21.37 -1.66 -0.31	22.42 -1.48 -0.35	22.66 -1.52 -0.42	22.46 -1.79 -0.68	23.00 -1.63 -1.00	23.01 -1.82 -1.25	23.32 -1.76 -1.34	22.51 -1.29 -1.89	24.10 -1.57 -2.24	26.41 -1.21 -2.91	27.34 -1.17 -3.04	26.76 -1.28 -2.47	26.30 -1.42 -2.36	26.01 -1.31 -1.10	23.56 -1.42 -0.89	24.82 -1.60 -0.18
GELCKHM___115KV_LOAD 80723	26.36 -0.05 -0.05	23.58 -0.12 -0.09	22.76 -0.16 -0.14	19.90 -0.12 -0.32	18.89 -0.09 -0.28	18.98 -0.09 -0.27	19.16 -0.11 -0.32	19.19 -0.13 -0.37	22.68 -0.20 -0.16	23.63 -0.12 -0.18	23.87 -0.12 -0.22	23.72 -0.21 -0.36	23.97 -0.19 -0.54	24.03 -0.21 -0.66	24.21 -0.24 -0.72	22.68 -0.24 -1.01	24.34 -0.28 -1.19	26.04 -0.22 -1.55	26.90 -0.23 -1.65	26.63 -0.26 -1.32	26.34 -0.28 -1.26	26.55 -0.26 -0.59	24.32 -0.24 -0.47	26.10 -0.24 -0.10
GENERAL___MILLS 23808	25.03 -1.42 -0.10	22.38 -1.39 -0.16	21.59 -1.46 -0.27	19.14 -1.16 -0.61	18.24 -0.99 -0.53	18.31 -1.00 -0.52	18.42 -1.14 -0.60	18.33 -1.31 -0.69	21.33 -1.70 -0.31	22.38 -1.53 -0.35	22.59 -1.59 -0.41	22.41 -1.84 -0.68	22.95 -1.68 -1.00	22.94 -1.89 -1.25	23.24 -1.83 -1.34	22.44 -1.36 -1.89	24.02 -1.64 -2.23	26.36 -1.26 -2.91	27.29 -1.22 -3.03	26.68 -1.36 -2.46	26.25 -1.47 -2.36	25.96 -1.36 -1.10	23.51 -1.47 -0.89	24.80 -1.63 -0.18
GE_PLASTICS___DRP 24183	28.02 0.82 -0.84	25.74 0.76 -1.38	25.88 0.82 -2.28	25.60 0.73 -5.17	23.91 0.69 -4.52	23.88 0.70 -4.39	24.80 0.70 -5.14	25.46 0.63 -5.88	26.07 0.73 -2.62	27.28 0.78 -2.94	28.08 0.78 -3.53	30.09 0.75 -5.76	32.92 0.76 -8.54	34.92 0.73 -10.61	35.92 0.76 -11.43	38.68 0.70 -16.06	43.20 0.75 -19.03	50.32 0.82 -24.79	52.17 0.84 -25.85	47.40 0.84 -20.99	46.27 0.84 -20.07	36.43 0.87 -9.34	32.40 0.77 -7.54	28.60 0.81 -1.54
GILBOA___1 23756	27.95 0.95 -0.65	25.50 0.83 -1.06	25.29 0.75 -1.76	24.33 0.65 -3.99	22.80 0.62 -3.48	22.80 0.62 -3.38	23.54 0.62 -3.97	24.11 0.62 -4.53	25.56 0.82 -2.02	26.68 0.85 -2.27	27.37 0.88 -2.72	28.93 0.92 -4.44	31.16 0.95 -6.59	32.68 0.92 -8.18	33.49 0.95 -8.81	35.22 0.92 -12.38	39.08 0.98 -14.67	44.81 0.99 -19.11	46.43 1.02 -19.93	42.78 1.02 -16.18	41.82 0.99 -15.47	34.44 1.02 -7.20	30.82 0.92 -5.81	28.40 0.97 -1.19
GILBOA___2 23757	27.95 0.95 -0.65	25.50 0.83 -1.06	25.29 0.75 -1.76	24.33 0.65 -3.99	22.80 0.62 -3.48	22.80 0.62 -3.38	23.54 0.62 -3.97	24.11 0.62 -4.53	25.56 0.82 -2.02	26.68 0.85 -2.27	27.37 0.88 -2.72	28.93 0.92 -4.44	31.16 0.95 -6.59	32.68 0.92 -8.18	33.49 0.95 -8.81	35.22 0.92 -12.38	39.08 0.98 -14.67	44.81 0.99 -19.11	46.43 1.02 -19.93	42.78 1.02 -16.18	41.82 0.99 -15.47	34.44 1.02 -7.20	30.82 0.92 -5.81	28.40 0.97 -1.19

GILBOA___3 23758	27.95 0.95 -0.65	25.50 0.83 -1.06	25.29 0.75 -1.76	24.33 0.65 -3.99	22.80 0.62 -3.48	22.80 0.62 -3.38	23.54 0.62 -3.97	24.11 0.62 -4.53	25.56 0.82 -2.02	26.68 0.85 -2.27	27.37 0.88 -2.72	28.93 0.92 -4.44	31.16 0.95 -6.59	32.68 0.92 -8.18	33.49 0.95 -8.81	35.22 0.92 -12.38	39.08 0.98 -14.67	44.81 0.99 -19.11	46.43 1.02 -19.93	42.78 1.02 -16.18	41.82 0.99 -15.47	34.44 1.02 -7.20	30.82 0.92 -5.81	28.40 0.97 -1.19
GILBOA___4 23759	27.95 0.95 -0.65	25.50 0.83 -1.06	25.29 0.75 -1.76	24.33 0.65 -3.99	22.80 0.62 -3.48	22.80 0.62 -3.38	23.54 0.62 -3.97	24.11 0.62 -4.53	25.56 0.82 -2.02	26.68 0.85 -2.27	27.37 0.88 -2.72	28.93 0.92 -4.44	31.16 0.95 -6.59	32.68 0.92 -8.18	33.49 0.95 -8.81	35.22 0.92 -12.38	39.08 0.98 -14.67	44.81 0.99 -19.11	46.43 1.02 -19.93	42.78 1.02 -16.18	41.82 0.99 -15.47	34.44 1.02 -7.20	30.82 0.92 -5.81	28.40 0.97 -1.19
GILBOA___ 23599	27.96 0.95 -0.65	25.50 0.83 -1.06	25.29 0.75 -1.76	24.33 0.65 -3.99	22.80 0.62 -3.48	22.80 0.62 -3.38	23.55 0.63 -3.97	24.11 0.63 -4.53	25.56 0.82 -2.02	26.70 0.87 -2.27	27.39 0.90 -2.72	28.93 0.92 -4.44	31.15 0.94 -6.59	32.68 0.92 -8.18	33.49 0.95 -8.81	35.20 0.90 -12.38	39.03 0.94 -14.67	44.84 1.01 -19.11	46.43 1.02 -19.93	42.77 1.02 -16.18	41.80 0.96 -15.47	34.45 1.02 -7.20	30.84 0.94 -5.81	28.40 0.97 -1.19
GINNA___ 23603	25.00 -1.42 -0.07	22.35 -1.37 -0.11	21.56 -1.41 -0.19	18.90 -1.22 -0.43	17.99 -1.08 -0.37	18.09 -1.07 -0.36	18.22 -1.16 -0.43	18.22 -1.21 -0.49	21.42 -1.52 -0.22	22.32 -1.48 -0.24	22.46 -1.59 -0.29	22.52 -1.53 -0.48	22.89 -1.44 -0.71	22.83 -1.63 -0.88	23.04 -1.64 -0.95	21.73 -1.51 -1.33	23.46 -1.55 -1.57	25.08 -1.68 -2.05	25.86 -1.76 -2.14	25.49 -1.81 -1.74	25.22 -1.80 -1.66	25.19 -1.81 -0.77	22.96 -1.76 -0.62	24.61 -1.76 -0.13
GLEN PARK___ 23778	26.28 -0.11 -0.03	23.54 -0.12 -0.05	22.70 -0.16 -0.08	19.76 -0.12 -0.19	18.73 -0.13 -0.16	18.82 -0.13 -0.16	19.01 -0.13 -0.18	18.88 -0.28 -0.21	22.32 -0.50 -0.09	23.20 -0.47 -0.11	23.35 -0.55 -0.13	23.17 -0.61 -0.21	23.20 -0.73 -0.31	23.13 -0.83 -0.38	23.26 -0.88 -0.41	21.75 -0.75 -0.57	23.41 -0.70 -0.68	25.03 -0.57 -0.89	26.01 -0.43 -0.96	26.17 -0.15 -0.75	25.93 -0.15 -0.72	26.48 -0.08 -0.33	24.22 -0.14 -0.27	26.03 -0.26 -0.06
GLENDALE_27_KV_LOAD 356172	29.44 2.42 -0.66	26.74 2.05 -1.08	26.39 1.82 -1.79	25.25 1.50 -4.06	23.63 1.38 -3.55	23.63 1.39 -3.45	24.45 1.46 -4.04	25.10 1.53 -4.62	26.85 2.07 -2.06	28.07 2.19 -2.31	28.94 2.40 -2.77	30.69 2.59 -4.52	33.07 2.74 -6.71	34.65 2.73 -8.34	39.32 2.78 -12.82	42.17 2.54 -17.71	53.35 2.79 -27.14	52.67 2.97 -25.00	48.81 3.03 -20.31	45.00 2.94 -16.49	43.91 2.79 -15.77	36.42 2.86 -7.34	32.54 2.53 -5.92	30.10 2.65 -1.21
GLENWOOD_IC_1_G5 23712	35.86 2.61 -6.89	34.95 2.24 -9.10	34.36 2.03 -9.56	31.49 1.69 -10.10	29.34 1.61 -9.03	32.12 1.64 -11.69	25.61 1.65 -5.01	27.86 1.72 -7.18	33.19 2.25 -8.21	35.12 2.43 -9.13	39.35 2.47 -13.12	44.61 2.62 -18.42	47.84 2.74 -21.48	61.30 2.78 -34.94	67.39 2.85 -40.81	72.54 2.67 -47.95	79.58 2.83 -53.32	69.79 3.01 -42.07	66.88 3.11 -38.30	50.70 3.02 -22.11	50.67 2.87 -22.45	53.09 2.86 -24.01	39.21 2.55 -12.57	37.89 2.68 -8.98
GLENWOOD_IC_2_G1 23688	35.78 2.53 -6.89	34.88 2.17 -9.10	34.32 1.98 -9.56	31.45 1.65 -10.10	29.30 1.57 -9.03	32.07 1.58 -11.69	25.58 1.61 -5.01	27.80 1.67 -7.18	33.12 2.18 -8.21	35.02 2.33 -9.13	39.38 2.49 -13.12	43.05 2.64 -16.83	45.71 2.76 -19.32	61.30 2.78 -34.94	67.39 2.85 -40.81	72.56 2.70 -47.95	79.62 2.88 -53.32	69.79 3.01 -42.07	66.86 3.08 -38.30	50.67 2.99 -22.11	50.67 2.86 -22.45	53.11 2.88 -24.01	39.24 2.58 -12.57	37.97 2.75 -8.98
GLENWOOD_IC_3_G1 23689	35.78 2.53 -6.89	34.88 2.17 -9.10	34.32 1.98 -9.56	31.45 1.65 -10.10	29.30 1.57 -9.03	32.07 1.58 -11.69	25.58 1.61 -5.01	27.80 1.67 -7.18	33.12 2.18 -8.21	35.02 2.33 -9.13	39.38 2.49 -13.12	43.05 2.64 -16.83	45.71 2.76 -19.32	61.30 2.78 -34.94	67.39 2.85 -40.81	72.56 2.70 -47.95	79.62 2.88 -53.32	69.79 3.01 -42.07	66.86 3.08 -38.30	50.67 2.99 -22.11	50.67 2.86 -22.45	53.11 2.88 -24.01	39.24 2.58 -12.57	37.97 2.75 -8.98
GLENWOOD___4 23550	35.86 2.61 -6.89	34.95 2.24 -9.10	34.36 2.03 -9.56	31.49 1.69 -10.10	29.34 1.61 -9.03	32.12 1.64 -11.69	25.61 1.65 -5.01	27.86 1.72 -7.18	33.19 2.25 -8.21	35.12 2.43 -9.13	39.40 2.52 -13.12	44.66 2.66 -18.42	47.89 2.79 -21.48	61.35 2.83 -34.94	67.43 2.89 -40.81	72.58 2.72 -47.95	79.65 2.91 -53.32	69.87 3.09 -42.07	66.93 3.16 -38.30	50.77 3.09 -22.11	50.75 2.94 -22.45	53.17 2.94 -24.01	39.26 2.60 -12.57	37.97 2.76 -8.98
GLENWOOD___5 23614	35.86 2.61 -6.89	34.95 2.24 -9.10	34.36 2.03 -9.56	31.49 1.69 -10.10	29.34 1.61 -9.03	32.12 1.64 -11.69	25.61 1.65 -5.01	27.86 1.72 -7.18	33.19 2.25 -8.21	35.12 2.43 -9.13	39.40 2.52 -13.12	44.66 2.66 -18.42	47.89 2.79 -21.48	61.35 2.83 -34.94	67.43 2.89 -40.81	72.58 2.72 -47.95	79.65 2.91 -53.32	69.87 3.09 -42.07	66.93 3.16 -38.30	50.77 3.09 -22.11	50.75 2.94 -22.45	53.17 2.94 -24.01	39.26 2.60 -12.57	37.97 2.76 -8.98
GLOBAL GREEN_PORT_GT1 23814	36.23 2.98 -6.89	35.21 2.50 -9.10	34.59 2.26 -9.56	31.67 1.87 -10.10	29.51 1.78 -9.03	32.29 1.80 -11.69	25.77 1.80 -5.01	28.03 1.89 -7.18	33.44 2.50 -8.21	35.40 2.71 -9.13	40.11 3.23 -13.12	43.06 3.54 -15.95	45.23 3.59 -18.02	60.85 3.72 -33.55	66.64 3.77 -39.14	71.53 3.55 -46.06	79.11 3.89 -51.79	99.23 4.03 -70.49	67.03 4.13 -37.43	59.37 4.09 -29.71	51.40 3.90 -22.14	53.75 3.98 -23.54	40.25 3.59 -12.57	39.02 3.80 -8.98
GLOBE___DSASP 323697	24.52 -1.92 -0.09	21.94 -1.82 -0.15	21.16 -1.87 -0.24	18.77 -1.48 -0.56	17.89 -1.29 -0.49	17.95 -1.32 -0.47	17.95 -1.55 -0.55	17.72 -1.86 -0.63	20.64 -2.36 -0.28	21.69 -2.19 -0.32	21.89 -2.26 -0.38	21.70 -2.50 -0.62	22.20 -2.34 -0.92	22.17 -2.55 -1.14	22.44 -2.52 -1.23	21.67 -1.97 -1.72	23.17 -2.30 -2.04	25.43 -1.93 -2.65	26.30 -1.94 -2.76	25.77 -2.05 -2.24	25.33 -2.18 -2.16	25.21 -2.02 -1.00	22.81 -2.10 -0.81	24.10 -2.31 -0.17
GOETHSLN___LBMP 323567	29.21 2.19 -0.66	26.56 1.87 -1.08	26.23 1.66 -1.79	25.14 1.38 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	24.99 1.42 -4.62	26.69 1.91 -2.06	27.90 2.03 -2.31	28.72 2.19 -2.77	30.46 2.36 -4.52	32.81 2.48 -6.71	34.41 2.50 -8.34	39.08 2.54 -12.82	41.99 2.37 -17.71	53.07 2.51 -27.14	52.40 2.69 -25.00	48.56 2.78 -20.30	44.77 2.71 -16.49	43.69 2.56 -15.77	36.10 2.54 -7.34	32.35 2.34 -5.92	29.92 2.47 -1.21
GOLAH___69_KV_TB 1_2 80279	25.85 -0.58 -0.07	23.12 -0.61 -0.12	22.34 -0.64 -0.20	19.63 -0.51 -0.45	18.70 -0.39 -0.39	18.78 -0.39 -0.38	18.91 -0.49 -0.45	18.78 -0.68 -0.51	22.02 -0.93 -0.23	23.04 -0.78 -0.26	23.26 -0.81 -0.31	23.11 -0.97 -0.50	23.47 -0.90 -0.74	23.41 -1.08 -0.92	23.68 -1.04 -0.99	22.57 -0.75 -1.40	24.22 -0.87 -1.65	26.32 -0.54 -2.16	27.22 -0.51 -2.25	26.78 -0.61 -1.83	26.45 -0.66 -1.75	26.51 -0.52 -0.81	24.03 -0.72 -0.66	25.51 -0.87 -0.13

GOODYEAR_LAKE_HYD 323669	27.85 1.32 -0.18	25.01 1.11 -0.29	24.22 0.96 -0.48	21.61 0.83 -1.09	20.46 0.80 -0.95	20.53 0.81 -0.93	20.89 0.85 -1.09	21.02 0.83 -1.24	24.32 1.05 -0.55	25.29 1.11 -0.62	25.67 1.16 -0.75	25.90 1.11 -1.22	26.56 1.13 -1.80	26.88 1.06 -2.24	27.23 1.09 -2.41	26.34 1.03 -3.39	28.55 1.10 -4.02	31.23 1.28 -5.23	32.31 1.38 -5.46	31.41 1.41 -4.43	30.91 1.32 -4.24	29.56 1.36 -1.97	26.86 1.18 -1.59	27.77 1.21 -0.33
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.77 0.21 -0.20	24.05 0.12 -0.33	23.37 0.05 -0.54	20.98 0.06 -1.23	19.86 0.09 -1.07	19.93 0.09 -1.04	20.25 0.08 -1.22	20.40 0.06 -1.40	23.37 0.02 -0.62	24.40 0.14 -0.70	24.72 0.12 -0.84	24.99 0.05 -1.37	25.72 0.07 -2.03	26.12 0.02 -2.52	26.49 0.05 -2.71	25.84 0.11 -3.81	28.01 0.07 -4.51	30.81 0.22 -5.88	31.88 0.25 -6.15	30.78 0.23 -4.98	30.30 0.18 -4.76	28.62 0.18 -2.22	26.05 0.17 -1.79	26.76 0.16 -0.37
GOUDEY___7 23579	26.80 0.24 -0.20	24.08 0.14 -0.33	23.39 0.07 -0.54	21.00 0.08 -1.23	19.88 0.11 -1.07	19.95 0.11 -1.04	20.27 0.09 -1.22	20.42 0.08 -1.40	23.39 0.05 -0.62	24.42 0.16 -0.70	24.75 0.14 -0.84	25.01 0.07 -1.37	25.77 0.12 -2.03	26.14 0.05 -2.52	26.51 0.07 -2.71	25.86 0.13 -3.81	28.04 0.09 -4.51	30.84 0.25 -5.88	31.91 0.28 -6.15	30.81 0.26 -4.98	30.32 0.20 -4.76	28.65 0.21 -2.22	26.07 0.19 -1.79	26.76 0.16 -0.37
GOUDEY___8 23580	26.77 0.21 -0.20	24.05 0.12 -0.33	23.37 0.05 -0.54	20.98 0.06 -1.23	19.86 0.09 -1.07	19.93 0.09 -1.04	20.25 0.08 -1.22	20.40 0.06 -1.40	23.37 0.02 -0.62	24.40 0.14 -0.70	24.72 0.12 -0.84	24.99 0.05 -1.37	25.72 0.07 -2.03	26.12 0.02 -2.52	26.49 0.05 -2.71	25.84 0.11 -3.81	28.01 0.07 -4.51	30.81 0.22 -5.88	31.88 0.25 -6.15	30.78 0.23 -4.98	30.30 0.18 -4.76	28.62 0.18 -2.22	26.05 0.17 -1.79	26.76 0.16 -0.37
GOWANUS_GT1_1 24077	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT1_2 24078	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT1_3 24079	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT1_4 24080	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT1_5 24084	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT1_6 24111	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT1_7 24112	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT1_8 24113	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT2_1 24114	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT2_2 24115	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT2_3 24116	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21

GOWANUS_GT2_4 24117	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT2_5 24118	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT2_6 24119	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT2_7 24120	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT2_8 24121	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT3_1 24122	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT3_2 24123	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT3_3 24124	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT3_4 24125	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT3_5 24126	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT3_6 24127	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT3_7 24128	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT3_8 24129	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.60	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.89	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT4_1 24130	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.99	28.87	30.72	46.04	34.60	39.35	42.12	53.30	52.65	48.79	44.97	43.86	36.45	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.36	1.44	1.98	2.12	2.33	2.57	2.72	2.69	2.75	2.50	2.74	2.94	3.01	2.91	2.74	2.83	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
GOWANUS_GT4_2 24131	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.99	28.87	30.72	46.04	34.60	39.35	42.12	53.30	52.65	48.79	44.97	43.86	36.45	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.36	1.44	1.98	2.12	2.33	2.57	2.72	2.69	2.75	2.50	2.74	2.94	3.01	2.91	2.74	2.83	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21

GOWANUS_GT4_3 24132	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT4_4 24133	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT4_5 24134	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT4_6 24135	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT4_7 24136	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GOWANUS_GT4_8 24137	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GREENBSH_115KV_TB3 55895	27.94 0.74 -0.84	25.70 0.71 -1.38	25.96 0.89 -2.29	25.68 0.79 -5.20	23.99 0.75 -4.54	23.95 0.75 -4.41	24.86 0.74 -5.17	25.48 0.63 -5.91	26.06 0.70 -2.63	27.27 0.75 -2.96	28.10 0.78 -3.55	30.07 0.71 -5.78	32.91 0.71 -8.58	34.90 0.66 -10.66	35.90 0.69 -11.48	38.68 0.64 -16.13	43.22 0.68 -19.11	50.35 0.74 -24.90	52.21 0.76 -25.97	47.42 0.77 -21.08	46.28 0.76 -20.16	36.39 0.79 -9.38	32.36 0.70 -7.57	28.55 0.76 -1.55
GREENIDGE_115KV_TB5 80291	26.26 -0.21 -0.11	23.49 -0.31 -0.18	22.70 -0.39 -0.31	20.09 -0.30 -0.69	19.08 -0.22 -0.61	19.16 -0.23 -0.59	19.42 -0.23 -0.69	19.45 -0.28 -0.79	22.64 -0.43 -0.35	23.65 -0.31 -0.39	23.86 -0.38 -0.47	23.83 -0.52 -0.77	24.32 -0.45 -1.15	24.43 -0.57 -1.42	24.69 -0.57 -1.53	23.65 -0.42 -2.15	25.49 -0.49 -2.55	27.86 -0.17 -3.32	28.83 -0.13 -3.48	28.23 -0.15 -2.81	27.82 -0.23 -2.69	27.27 -0.21 -1.25	24.79 -0.31 -1.01	26.03 -0.42 -0.21
GREENIDGE___3 23582	26.26 -0.21 -0.11	23.49 -0.31 -0.18	22.70 -0.39 -0.31	20.09 -0.30 -0.69	19.08 -0.22 -0.61	19.16 -0.23 -0.59	19.42 -0.23 -0.69	19.45 -0.28 -0.79	22.64 -0.43 -0.35	23.65 -0.31 -0.39	23.86 -0.38 -0.47	23.83 -0.52 -0.77	24.32 -0.45 -1.15	24.43 -0.57 -1.42	24.69 -0.57 -1.53	23.65 -0.42 -2.15	25.49 -0.49 -2.55	27.86 -0.17 -3.32	28.83 -0.13 -3.48	28.23 -0.15 -2.81	27.82 -0.23 -2.69	27.27 -0.21 -1.25	24.79 -0.31 -1.01	26.03 -0.42 -0.21
GREENIDGE___4 23583	26.26 -0.21 -0.11	23.49 -0.31 -0.18	22.70 -0.39 -0.31	20.09 -0.29 -0.69	19.08 -0.22 -0.61	19.16 -0.22 -0.59	19.42 -0.23 -0.69	19.45 -0.28 -0.79	22.64 -0.43 -0.35	23.56 -0.40 -0.39	23.72 -0.52 -0.47	23.83 -0.52 -0.77	24.30 -0.47 -1.15	24.46 -0.54 -1.42	24.69 -0.57 -1.53	23.61 -0.46 -2.15	25.51 -0.47 -2.55	27.59 -0.44 -3.32	28.52 -0.43 -3.48	27.92 -0.46 -2.81	27.57 -0.48 -2.69	26.95 -0.52 -1.25	24.60 -0.51 -1.01	26.03 -0.42 -0.21
GREENLWN_69_KV_BK 3 55738	35.59 2.35 -6.89	34.76 2.05 -9.10	34.20 1.87 -9.56	31.37 1.58 -10.10	29.22 1.50 -9.03	31.99 1.50 -11.69	25.50 1.54 -5.01	27.74 1.61 -7.18	33.05 2.11 -8.21	34.90 2.21 -9.13	39.21 2.33 -13.12	41.91 2.48 -15.86	43.97 2.57 -17.77	57.92 2.62 -31.73	63.37 2.68 -36.96	68.03 2.52 -43.59	73.49 2.69 -47.37	59.52 2.89 -31.92	63.34 2.96 -34.91	48.29 2.89 -19.83	49.38 2.71 -21.31	51.09 2.70 -22.16	39.09 2.43 -12.57	37.84 2.62 -8.98
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.74 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
GRISSOM___SOLAR 323813	30.38 3.06 -0.96	27.87 2.69 -1.57	27.69 2.30 -2.61	27.68 2.07 -5.92	25.83 1.96 -5.17	25.77 1.95 -5.02	26.81 1.97 -5.89	27.59 1.91 -6.73	28.24 2.52 -3.00	29.48 2.55 -3.37	30.37 2.57 -4.04	32.54 2.38 -6.59	35.83 2.43 -9.78	37.98 2.26 -12.14	39.11 2.30 -13.08	42.53 2.24 -18.37	47.59 2.39 -21.77	55.91 2.84 -28.36	58.16 3.11 -29.58	52.80 3.22 -24.01	51.49 3.17 -22.96	40.08 3.17 -10.68	35.49 2.77 -8.62	30.79 2.78 -1.77
GROVEVILLE___HYD 323602	29.08 2.06 -0.66	26.47 1.77 -1.09	26.15 1.57 -1.80	25.10 1.32 -4.09	23.50 1.23 -3.57	23.52 1.26 -3.46	24.27 1.25 -4.06	24.83 1.23 -4.65	26.45 1.66 -2.07	27.65 1.77 -2.33	28.53 1.97 -2.79	30.20 2.07 -4.55	32.57 2.20 -6.75	34.17 2.22 -8.38	35.01 2.25 -9.03	36.73 2.13 -12.68	40.82 2.37 -15.03	46.79 2.50 -19.58	48.44 2.55 -20.42	44.65 2.51 -16.58	43.57 2.36 -15.85	35.91 2.31 -7.38	32.09 2.05 -5.95	29.61 2.15 -1.22
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.52 0.11 -0.06	23.75 0.05 -0.10	22.94 0.00 -0.16	20.06 0.00 -0.36	19.05 0.04 -0.32	19.12 0.02 -0.31	19.33 0.02 -0.36	19.36 0.00 -0.41	22.86 -0.05 -0.18	23.84 0.07 -0.21	24.06 0.05 -0.25	23.96 -0.02 -0.40	24.20 -0.02 -0.60	24.27 -0.05 -0.74	24.46 -0.07 -0.80	22.95 -0.09 -1.12	24.62 -0.14 -1.33	26.39 -0.05 -1.73	27.28 -0.05 -1.86	26.96 -0.08 -1.47	26.66 -0.10 -1.40	26.77 -0.10 -0.65	24.55 -0.07 -0.53	26.30 -0.05 -0.11

HAMLTNNY_34_KV_TB 80303	26.53 0.11 -0.06	23.74 0.02 -0.10	22.93 -0.02 -0.17	20.09 0.00 -0.39	19.06 0.02 -0.34	19.15 0.02 -0.33	19.34 0.00 -0.39	19.40 0.00 -0.45	22.88 -0.05 -0.20	23.85 0.07 -0.22	24.08 0.05 -0.27	23.97 -0.05 -0.44	24.25 -0.02 -0.65	24.31 -0.07 -0.80	24.50 -0.09 -0.87	23.05 -0.09 -1.22	24.73 -0.14 -1.44	26.59 0.00 -1.88	27.46 -0.03 -2.01	27.11 -0.05 -1.59	26.80 -0.08 -1.52	26.88 -0.05 -0.71	24.59 -0.07 -0.57	26.31 -0.05 -0.12
HAMPSHIRE___PAPER_HYD 323593	25.37 -1.00 -0.01	22.81 -0.83 -0.02	22.07 -0.75 -0.04	19.13 -0.65 -0.09	18.11 -0.67 -0.08	18.21 -0.66 -0.08	18.42 -0.63 -0.09	18.37 -0.68 -0.10	21.84 -0.93 -0.05	22.65 -0.97 -0.05	22.81 -1.02 -0.06	22.62 -1.06 -0.10	22.64 -1.13 -0.15	22.63 -1.13 -0.19	22.79 -1.14 -0.20	21.08 -1.12 -0.28	22.66 -1.10 -0.33	24.08 -1.06 -0.43	24.95 -0.99 -0.47	25.12 -0.82 -0.37	24.95 -0.76 -0.35	25.65 -0.73 -0.16	23.50 -0.72 -0.13	25.40 -0.87 -0.03
HARDSCRABBLE_WT_PWR 323673	26.57 0.21 0.00	23.80 0.19 0.00	22.94 0.16 0.00	19.87 0.18 0.00	18.87 0.17 0.00	18.96 0.17 0.00	19.14 0.19 0.00	19.10 0.15 0.00	22.90 0.18 0.00	23.73 0.17 0.00	23.91 0.14 0.00	23.67 0.09 0.00	23.65 0.02 0.00	23.55 -0.02 0.00	23.68 -0.05 0.00	21.83 -0.09 0.00	23.31 -0.12 0.00	24.61 -0.10 0.00	25.38 -0.10 0.00	25.54 -0.03 0.00	25.33 -0.03 0.00	26.28 0.05 0.00	24.19 0.10 0.00	26.35 0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.87 1.90 -0.61	26.21 1.61 -1.00	25.86 1.44 -1.65	24.62 1.18 -3.75	23.09 1.12 -3.27	23.12 1.15 -3.18	23.82 1.14 -3.72	24.34 1.14 -4.26	26.16 1.55 -1.90	27.37 1.67 -2.13	28.17 1.85 -2.56	29.70 1.96 -4.17	31.89 2.08 -6.19	33.36 2.10 -7.68	34.16 2.16 -8.28	35.56 2.02 -11.63	39.40 2.20 -13.77	45.00 2.35 -17.95	46.61 2.42 -18.71	43.12 2.35 -15.19	42.10 2.21 -14.53	35.13 2.15 -6.76	31.50 1.95 -5.46	29.41 2.05 -1.12
HARSNRAD_115KV_TB1 81005	24.92 -1.53 -0.09	22.29 -1.46 -0.15	21.47 -1.55 -0.24	19.00 -1.24 -0.55	18.11 -1.07 -0.48	18.19 -1.07 -0.46	18.26 -1.23 -0.54	18.13 -1.44 -0.62	21.14 -1.86 -0.28	22.18 -1.70 -0.31	22.38 -1.76 -0.37	22.18 -2.00 -0.61	22.66 -1.87 -0.90	22.62 -2.07 -1.12	22.89 -2.04 -1.21	22.08 -1.53 -1.69	23.63 -1.80 -2.01	25.91 -1.41 -2.61	26.83 -1.38 -2.72	26.27 -1.51 -2.21	25.85 -1.62 -2.12	25.71 -1.49 -0.98	23.27 -1.61 -0.79	24.59 -1.81 -0.16
HARZA MOOSE___RIVER 24016	26.56 0.18 -0.02	23.81 0.17 -0.03	22.97 0.14 -0.05	19.95 0.14 -0.12	18.93 0.13 -0.10	19.03 0.13 -0.10	19.22 0.15 -0.12	19.16 0.08 -0.13	22.80 0.02 -0.06	23.65 0.02 -0.07	23.82 -0.02 -0.08	23.63 -0.07 -0.13	23.70 -0.12 -0.19	23.63 -0.19 -0.24	23.80 -0.19 -0.26	22.13 -0.15 -0.36	23.74 -0.12 -0.43	25.27 0.00 -0.56	26.15 0.08 -0.59	26.35 0.31 -0.47	26.09 0.28 -0.45	26.77 0.34 -0.21	24.50 0.24 -0.17	26.49 0.21 -0.03
HDSNBRDG_115KV_BRDG_TB1 355580	26.38 -0.03 -0.05	23.60 -0.09 -0.09	22.78 -0.14 -0.14	19.90 -0.12 -0.32	18.91 -0.07 -0.28	18.98 -0.09 -0.27	19.16 -0.11 -0.32	19.20 -0.11 -0.37	22.70 -0.18 -0.16	23.65 -0.09 -0.18	23.87 -0.12 -0.22	23.75 -0.19 -0.36	23.99 -0.17 -0.53	24.03 -0.21 -0.66	24.23 -0.21 -0.71	22.70 -0.22 -1.00	24.36 -0.26 -1.19	26.06 -0.20 -1.55	26.91 -0.20 -1.64	26.65 -0.23 -1.31	26.36 -0.25 -1.25	26.54 -0.26 -0.58	24.32 -0.24 -0.47	26.13 -0.21 -0.10
HELLGATE_13_KV_LD 55870	29.31 2.29 -0.66	26.60 1.91 -1.08	26.26 1.69 -1.79	25.16 1.40 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.71 1.93 -2.06	27.92 2.05 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.51 2.59 -8.34	39.18 2.63 -12.82	42.03 2.41 -17.71	53.16 2.60 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.82 2.76 -16.49	43.74 2.61 -15.77	36.23 2.67 -7.34	32.40 2.39 -5.92	29.95 2.49 -1.21
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.31 2.29 -0.66	26.60 1.91 -1.08	26.26 1.69 -1.79	25.16 1.40 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.71 1.93 -2.06	27.92 2.05 -2.77	28.80 2.26 -4.52	30.55 2.45 -6.71	32.93 2.60 -8.34	34.51 2.59 -12.82	39.18 2.63 -17.71	42.03 2.41 -27.14	53.16 2.60 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.82 2.76 -16.49	43.74 2.61 -15.77	36.23 2.67 -7.34	32.40 2.39 -5.92	29.95 2.49 -1.21
HEMPSTEAD____ 23647	35.73 2.48 -6.89	34.84 2.13 -9.10	34.25 1.91 -9.56	31.39 1.59 -10.10	29.24 1.51 -9.03	32.03 1.54 -11.69	25.54 1.57 -5.01	27.76 1.63 -7.18	33.07 2.14 -8.21	34.95 2.26 -9.13	39.33 2.45 -13.12	45.04 2.57 -18.89	48.41 2.67 -22.12	61.23 2.71 -34.94	67.31 2.77 -40.81	72.50 2.63 -47.95	79.55 2.81 -53.32	69.72 2.94 -42.07	66.78 3.00 -38.30	50.59 2.91 -22.11	50.60 2.79 -22.45	53.06 2.83 -24.01	39.19 2.53 -12.57	37.92 2.70 -8.98
HEWLETT_69_KV_BK3 55828	35.99 2.74 -6.89	35.05 2.34 -9.10	34.48 2.14 -9.56	31.57 1.77 -10.10	29.41 1.68 -9.03	32.18 1.69 -11.69	25.69 1.72 -5.01	27.91 1.78 -7.18	33.28 2.34 -8.21	35.19 2.50 -9.13	39.64 2.76 -13.12	52.99 2.90 -26.51	59.04 2.93 -32.49	61.35 2.83 -34.94	67.43 2.89 -40.81	72.58 2.72 -47.95	79.63 2.88 -53.32	69.87 3.09 -42.07	66.96 3.18 -38.30	50.80 3.12 -22.11	50.77 2.97 -22.45	53.19 2.96 -24.01	39.53 2.87 -12.57	38.23 3.02 -8.98
HICKLING___1 23621	26.28 -0.24 -0.16	23.56 -0.31 -0.26	22.82 -0.39 -0.43	20.39 -0.28 -0.98	19.36 -0.19 -0.85	19.42 -0.21 -0.83	19.68 -0.25 -0.97	19.77 -0.28 -1.11	22.78 -0.43 -0.49	23.83 -0.28 -0.56	24.10 -0.33 -0.67	24.19 -0.47 -1.09	24.83 -0.40 -1.61	25.08 -0.50 -2.00	25.39 -0.50 -2.16	24.66 -0.28 -3.03	26.57 -0.45 -3.59	29.21 -0.17 -4.67	30.24 -0.13 -4.89	29.37 -0.15 -3.96	28.91 -0.23 -3.78	27.77 -0.21 -1.76	25.30 -0.22 -1.42	26.22 -0.31 -0.29
HICKLING___2 23622	26.28 -0.24 -0.16	23.56 -0.31 -0.26	22.82 -0.39 -0.43	20.39 -0.28 -0.98	19.36 -0.19 -0.85	19.42 -0.21 -0.83	19.68 -0.25 -0.97	19.77 -0.28 -1.11	22.78 -0.43 -0.49	23.83 -0.28 -0.56	24.10 -0.33 -0.67	24.19 -0.47 -1.09	24.83 -0.40 -1.61	25.08 -0.50 -2.00	25.39 -0.50 -2.16	24.66 -0.28 -3.03	26.57 -0.45 -3.59	29.21 -0.17 -4.67	30.24 -0.13 -4.89	29.37 -0.15 -3.96	28.91 -0.23 -3.78	27.77 -0.21 -1.76	25.30 -0.22 -1.42	26.22 -0.31 -0.29
HIGH FALLS___HY 23754	28.95 1.92 -0.66	26.30 1.61 -1.08	25.92 1.34 -1.80	24.86 1.08 -4.08	23.27 1.01 -3.56	23.31 1.05 -3.46	24.05 1.04 -4.05	24.63 1.04 -4.64	26.24 1.45 -2.07	27.44 1.56 -2.32	28.31 1.76 -2.78	30.00 1.89 -4.54	32.36 2.01 -6.73	33.87 1.93 -8.37	34.73 1.99 -9.01	36.46 1.88 -12.66	40.56 2.13 -15.00	46.52 2.27 -19.54	48.20 2.34 -20.38	44.39 2.28 -16.54	43.31 2.13 -15.82	35.76 2.18 -7.36	31.96 1.93 -5.94	29.45 1.99 -1.22
HIGH_RIVER___SOLAR 323847	28.69 1.42 -0.91	26.35 1.25 -1.49	26.34 1.09 -2.46	26.25 0.96 -5.59	24.52 0.93 -4.88	24.46 0.92 -4.74	25.42 0.91 -5.56	26.18 0.87 -6.36	26.67 1.11 -2.83	27.90 1.15 -3.18	28.75 1.16 -3.82	30.93 1.13 -6.22	33.99 1.13 -9.23	36.13 1.08 -11.47	37.13 1.04 -12.35	40.28 1.01 -17.36	45.04 1.05 -20.56	52.74 1.24 -26.79	54.79 1.38 -27.94	49.68 1.43 -22.68	48.47 1.42 -21.69	37.78 1.47 -10.09	33.59 1.35 -8.15	29.27 1.36 -1.67

HILLBURN___GT 23639	28.90 1.92 -0.62	26.28 1.65 -1.01	25.92 1.46 -1.68	24.73 1.22 -3.81	23.19 1.16 -3.33	23.19 1.17 -3.23	23.94 1.19 -3.79	24.52 1.23 -4.34	26.29 1.64 -1.93	27.48 1.74 -2.17	28.29 1.92 -2.60	29.90 2.08 -4.24	32.09 2.17 -6.30	33.61 2.22 -7.82	34.41 2.26 -8.43	35.91 2.15 -11.84	39.77 2.32 -14.03	45.41 2.42 -18.27	46.98 2.45 -19.06	43.42 2.38 -15.47	42.41 2.26 -14.80	35.36 2.26 -6.88	31.67 2.02 -5.56	29.56 2.18 -1.14
HILLSIDE_115KV_TB1 80332	26.02 -0.50 -0.16	23.36 -0.52 -0.27	22.63 -0.59 -0.45	20.23 -0.47 -1.01	19.21 -0.37 -0.88	19.26 -0.39 -0.86	19.52 -0.44 -1.01	19.63 -0.47 -1.15	22.60 -0.64 -0.51	23.62 -0.52 -0.58	23.91 -0.55 -0.69	24.04 -0.66 -1.13	24.68 -0.61 -1.67	24.97 -0.68 -2.07	25.30 -0.66 -2.23	24.57 -0.48 -3.14	26.54 -0.61 -3.72	29.16 -0.40 -4.85	30.16 -0.38 -5.07	29.26 -0.41 -4.10	28.80 -0.48 -3.92	27.58 -0.47 -1.83	25.11 -0.46 -1.47	26.02 -0.52 -0.30
HISHELDN_WT_PWR 323625	25.04 -1.42 -0.11	22.44 -1.34 -0.18	21.66 -1.41 -0.29	19.23 -1.12 -0.66	18.30 -0.97 -0.58	18.38 -0.98 -0.56	18.51 -1.10 -0.66	18.47 -1.23 -0.75	21.44 -1.61 -0.33	22.41 -1.53 -0.38	22.48 -1.73 -0.45	22.57 -1.74 -0.73	23.11 -1.61 -1.09	23.16 -1.77 -1.35	23.41 -1.78 -1.46	22.46 -1.51 -2.05	24.22 -1.64 -2.43	26.05 -1.83 -3.16	26.81 -1.96 -3.30	26.28 -1.97 -2.68	25.97 -1.95 -2.56	25.40 -2.02 -1.19	23.27 -1.78 -0.96	24.92 -1.52 -0.20
HOLTSVILLE_IC_1 23690	35.94 2.69 -6.89	35.02 2.32 -9.10	34.43 2.09 -9.56	31.57 1.77 -10.10	29.41 1.68 -9.03	32.20 1.71 -11.69	25.71 1.74 -5.01	27.93 1.80 -7.18	33.19 2.25 -8.21	35.02 2.33 -9.13	39.40 2.52 -13.12	42.17 2.64 -15.95	44.37 2.72 -18.03	59.95 2.73 -33.64	65.76 2.77 -39.25	70.74 2.63 -46.19	78.18 2.86 -51.89	97.68 3.01 -69.96	66.05 3.08 -37.49	58.17 3.04 -29.56	50.44 2.92 -22.16	52.73 2.94 -23.57	39.33 2.67 -12.57	38.10 2.89 -8.98
HOLTSVILLE_IC_10 23699	36.07 2.82 -6.89	35.12 2.41 -9.10	34.54 2.21 -9.56	31.65 1.85 -10.10	29.51 1.78 -9.03	32.28 1.79 -11.69	25.79 1.82 -5.01	28.01 1.88 -7.18	33.28 2.34 -8.21	35.14 2.45 -9.13	39.57 2.68 -13.12	42.36 2.83 -15.96	44.54 2.90 -18.01	59.76 2.92 -33.26	65.48 2.97 -38.79	70.39 2.81 -45.66	77.95 3.07 -51.45	99.86 3.21 -71.94	66.00 3.29 -37.24	58.96 3.27 -30.12	50.55 3.12 -22.07	52.81 3.15 -23.44	39.50 2.84 -12.57	38.29 3.07 -8.98
HOLTSVILLE_IC_2 23691	35.94 2.69 -6.89	35.02 2.32 -9.10	34.43 2.09 -9.56	31.57 1.77 -10.10	29.41 1.68 -9.03	32.20 1.71 -11.69	25.71 1.74 -5.01	27.93 1.80 -7.18	33.19 2.25 -8.21	35.02 2.33 -9.13	39.40 2.52 -13.12	42.17 2.64 -15.95	44.37 2.72 -18.03	59.95 2.73 -33.64	65.76 2.77 -39.25	70.74 2.63 -46.19	78.18 2.86 -51.89	97.68 3.01 -69.96	66.05 3.08 -37.49	58.17 3.04 -29.56	50.44 2.92 -22.16	52.73 2.94 -23.57	39.33 2.67 -12.57	38.10 2.89 -8.98
HOLTSVILLE_IC_3 23692	35.94 2.69 -6.89	35.02 2.32 -9.10	34.43 2.09 -9.56	31.57 1.77 -10.10	29.41 1.68 -9.03	32.20 1.71 -11.69	25.71 1.74 -5.01	27.93 1.80 -7.18	33.19 2.25 -8.21	35.02 2.33 -9.13	39.40 2.52 -13.12	42.17 2.64 -15.95	44.37 2.72 -18.03	59.95 2.73 -33.64	65.76 2.77 -39.25	70.74 2.63 -46.19	78.18 2.86 -51.89	97.68 3.01 -69.96	66.05 3.08 -37.49	58.17 3.04 -29.56	50.44 2.92 -22.16	52.73 2.94 -23.57	39.33 2.67 -12.57	38.10 2.89 -8.98
HOLTSVILLE_IC_4 23693	35.94 2.69 -6.89	35.02 2.32 -9.10	34.43 2.09 -9.56	31.57 1.77 -10.10	29.41 1.68 -9.03	32.20 1.71 -11.69	25.71 1.74 -5.01	27.93 1.80 -7.18	33.19 2.25 -8.21	35.02 2.33 -9.13	39.40 2.52 -13.12	42.17 2.64 -15.95	44.37 2.72 -18.03	59.95 2.73 -33.64	65.76 2.77 -39.25	70.74 2.63 -46.19	78.18 2.86 -51.89	97.68 3.01 -69.96	66.05 3.08 -37.49	58.17 3.04 -29.56	50.44 2.92 -22.16	52.73 2.94 -23.57	39.33 2.67 -12.57	38.10 2.89 -8.98
HOLTSVILLE_IC_5 23694	35.94 2.69 -6.89	35.02 2.32 -9.10	34.43 2.09 -9.56	31.57 1.77 -10.10	29.41 1.68 -9.03	32.20 1.71 -11.69	25.71 1.74 -5.01	27.93 1.80 -7.18	33.19 2.25 -8.21	35.02 2.33 -9.13	39.40 2.52 -13.12	42.17 2.64 -15.95	44.37 2.72 -18.03	59.95 2.73 -33.64	65.76 2.77 -39.25	70.74 2.63 -46.19	78.18 2.86 -51.89	97.68 3.01 -69.96	66.05 3.08 -37.49	58.17 3.04 -29.56	50.44 2.92 -22.16	52.73 2.94 -23.57	39.33 2.67 -12.57	38.10 2.89 -8.98
HOLTSVILLE_IC_6 23695	36.07 2.82 -6.89	35.12 2.41 -9.10	34.54 2.21 -9.56	31.65 1.85 -10.10	29.51 1.78 -9.03	32.28 1.79 -11.69	25.79 1.82 -5.01	28.01 1.88 -7.18	33.28 2.34 -8.21	35.14 2.45 -9.13	39.57 2.68 -13.12	42.36 2.83 -15.96	44.54 2.90 -18.01	59.76 2.92 -33.26	65.48 2.97 -38.79	70.39 2.81 -45.66	77.95 3.07 -51.45	99.86 3.21 -71.94	66.00 3.29 -37.24	58.96 3.27 -30.12	50.55 3.12 -22.07	52.81 3.15 -23.44	39.50 2.84 -12.57	38.29 3.07 -8.98
HOLTSVILLE_IC_7 23696	36.07 2.82 -6.89	35.12 2.41 -9.10	34.54 2.21 -9.56	31.65 1.85 -10.10	29.51 1.78 -9.03	32.28 1.79 -11.69	25.79 1.82 -5.01	28.01 1.88 -7.18	33.28 2.34 -8.21	35.14 2.45 -9.13	39.57 2.68 -13.12	42.36 2.83 -15.96	44.54 2.90 -18.01	59.76 2.92 -33.26	65.48 2.97 -38.79	70.39 2.81 -45.66	77.95 3.07 -51.45	99.86 3.21 -71.94	66.00 3.29 -37.24	58.96 3.27 -30.12	50.55 3.12 -22.07	52.81 3.15 -23.44	39.50 2.84 -12.57	38.29 3.07 -8.98
HOLTSVILLE_IC_8 23697	36.07 2.82 -6.89	35.12 2.41 -9.10	34.54 2.21 -9.56	31.65 1.85 -10.10	29.51 1.78 -9.03	32.28 1.79 -11.69	25.79 1.82 -5.01	28.01 1.88 -7.18	33.28 2.34 -8.21	35.14 2.45 -9.13	39.57 2.68 -13.12	42.36 2.83 -15.96	44.54 2.90 -18.01	59.76 2.92 -33.26	65.48 2.97 -38.79	70.39 2.81 -45.66	77.95 3.07 -51.45	99.86 3.21 -71.94	66.00 3.29 -37.24	58.96 3.27 -30.12	50.55 3.12 -22.07	52.81 3.15 -23.44	39.50 2.84 -12.57	38.29 3.07 -8.98
HOLTSVILLE_IC_9 23698	36.07 2.82 -6.89	35.12 2.41 -9.10	34.54 2.21 -9.56	31.65 1.85 -10.10	29.51 1.78 -9.03	32.28 1.79 -11.69	25.79 1.82 -5.01	28.01 1.88 -7.18	33.28 2.34 -8.21	35.14 2.45 -9.13	39.57 2.68 -13.12	42.36 2.83 -15.96	44.54 2.90 -18.01	59.76 2.92 -33.26	65.48 2.97 -38.79	70.39 2.81 -45.66	77.95 3.07 -51.45	99.86 3.21 -71.94	66.00 3.29 -37.24	58.96 3.27 -30.12	50.55 3.12 -22.07	52.81 3.15 -23.44	39.50 2.84 -12.57	38.29 3.07 -8.98
HOMER_HL_115KV_TB2 355744	24.47 -2.00 -0.11	21.90 -1.89 -0.18	21.12 -1.96 -0.30	18.78 -1.60 -0.69	17.91 -1.38 -0.60	17.99 -1.39 -0.58	18.12 -1.52 -0.68	18.16 -1.57 -0.78	21.05 -2.02 -0.35	22.07 -1.88 -0.39	22.28 -1.95 -0.47	22.17 -2.17 -0.76	22.72 -2.03 -1.13	22.77 -2.22 -1.41	23.11 -2.14 -1.51	22.36 -1.69 -2.13	23.91 -2.04 -2.52	26.24 -1.75 -3.28	27.17 -1.73 -3.42	26.53 -1.82 -2.78	26.06 -1.95 -2.66	25.55 -1.91 -1.24	23.28 -1.81 -1.00	24.45 -1.99 -0.20
HOWARD_WT_PWR 323690	25.64 -0.84 -0.13	23.02 -0.80 -0.21	22.24 -0.89 -0.35	19.76 -0.73 -0.79	18.72 -0.67 -0.69	18.79 -0.68 -0.67	19.08 -0.66 -0.79	19.15 -0.70 -0.90	22.15 -0.98 -0.40	23.09 -0.92 -0.45	23.19 -1.12 -0.54	23.28 -1.18 -0.88	23.80 -1.13 -1.31	23.96 -1.25 -1.63	24.20 -1.28 -1.75	23.29 -1.10 -2.47	25.13 -1.22 -2.92	27.16 -1.36 -3.81	28.03 -1.43 -3.98	27.41 -1.38 -3.22	27.07 -1.37 -3.08	26.22 -1.44 -1.43	23.95 -1.30 -1.16	25.35 -1.13 -0.24

HQ_GEN_CEDARS 23644	25.44 -0.92 0.00	22.90 -0.71 0.00	22.19 -0.59 0.00	19.16 -0.53 0.00	18.14 -0.56 0.00	18.25 -0.55 0.00	18.46 -0.49 0.00	18.46 -0.49 0.00	22.06 -0.66 0.00	22.81 -0.75 0.00	22.96 -0.81 0.00	22.85 -0.73 0.00	22.80 -0.83 0.00	22.85 -0.73 0.00	23.02 -0.71 0.00	21.17 -0.75 0.00	22.70 -0.73 0.00	23.87 -0.84 0.00	24.61 -0.87 0.00	24.75 -0.82 0.00	24.70 -0.66 0.00	25.49 -0.73 0.00	23.42 -0.67 0.00	25.45 -0.79 0.00
HQ_GEN_CEDARS_PROXY 323590	25.44 -0.92 0.00	22.90 -0.71 0.00	22.19 -0.59 0.00	19.16 -0.53 0.00	18.14 -0.56 0.00	18.25 -0.55 0.00	18.46 -0.49 0.00	18.46 -0.49 0.00	22.06 -0.66 0.00	22.90 -0.66 0.00	23.07 -0.69 0.00	22.85 -0.73 0.00	22.79 -0.83 0.00	22.85 -0.73 0.00	22.87 -0.71 0.15	21.23 -0.83 -0.15	22.61 -0.82 0.00	23.87 -0.84 0.00	24.64 -0.84 0.00	24.75 -0.82 0.00	24.68 -0.68 0.00	25.52 -0.71 0.00	23.42 -0.67 0.00	25.45 -0.79 0.00
HQ_GEN_IMPORT 323601	25.70 -0.66 0.00	23.09 -0.52 0.00	22.35 -0.43 0.00	19.30 -0.39 0.00	18.30 -0.39 0.00	18.40 -0.40 0.00	18.58 -0.38 0.00	18.59 -0.36 0.00	22.27 -0.45 0.00	23.09 -0.47 0.00	23.29 -0.48 0.00	23.08 -0.50 0.00	23.08 -0.54 0.00	23.08 -0.50 0.00	23.08 -0.50 0.15	21.54 -0.53 -0.15	22.87 -0.56 0.00	24.14 -0.57 0.00	24.92 -0.56 0.00	25.01 -0.56 0.00	24.83 -0.53 0.00	25.70 -0.52 0.00	23.61 -0.48 0.00	25.69 -0.55 0.00
HQ_GEN_WHEEL 23651	25.70 -0.66 0.00	23.09 -0.52 0.00	22.35 -0.43 0.00	19.30 -0.39 0.00	18.30 -0.39 0.00	18.40 -0.40 0.00	18.58 -0.38 0.00	18.59 -0.36 0.00	22.27 -0.45 0.00	23.09 -0.47 0.00	23.29 -0.48 0.00	23.08 -0.50 0.00	23.08 -0.54 0.00	23.08 -0.50 0.00	23.08 -0.50 0.15	21.54 -0.53 -0.15	22.87 -0.56 0.00	24.14 -0.57 0.00	24.92 -0.56 0.00	25.01 -0.56 0.00	24.83 -0.53 0.00	25.70 -0.52 0.00	23.61 -0.48 0.00	25.69 -0.55 0.00
HUDSON_AVE_GT_3 23810	29.34 2.32 -0.66	26.65 1.96 -1.08	26.35 1.78 -1.79	25.21 1.46 -4.06	23.61 1.36 -3.55	23.61 1.37 -3.45	24.44 1.44 -4.04	25.09 1.52 -4.62	26.78 2.00 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.57 2.48 -4.52	32.93 2.60 -6.71	34.53 2.62 -8.34	39.20 2.66 -12.82	42.12 2.50 -17.71	53.21 2.65 -27.14	52.55 2.84 -25.00	48.71 2.93 -20.30	44.92 2.86 -16.49	43.84 2.71 -15.77	36.23 2.67 -7.34	32.45 2.43 -5.92	30.03 2.57 -1.21
HUDSON_AVE_GT_4 23540	29.34 2.32 -0.66	26.65 1.96 -1.08	26.35 1.78 -1.79	25.21 1.46 -4.06	23.61 1.36 -3.55	23.61 1.37 -3.45	24.44 1.44 -4.04	25.09 1.52 -4.62	26.78 2.00 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.57 2.48 -4.52	32.93 2.60 -6.71	34.53 2.62 -8.34	39.20 2.66 -12.82	42.12 2.50 -17.71	53.21 2.65 -27.14	52.55 2.84 -25.00	48.71 2.93 -20.30	44.92 2.86 -16.49	43.84 2.71 -15.77	36.23 2.67 -7.34	32.45 2.43 -5.92	30.03 2.57 -1.21
HUDSON_AVE_GT_5 23657	29.34 2.32 -0.66	26.65 1.96 -1.08	26.35 1.78 -1.79	25.21 1.46 -4.06	23.61 1.36 -3.55	23.61 1.37 -3.45	24.44 1.44 -4.04	25.09 1.52 -4.62	26.78 2.00 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.57 2.48 -4.52	32.93 2.60 -6.71	34.53 2.62 -8.34	39.20 2.66 -12.82	42.12 2.50 -17.71	53.21 2.65 -27.14	52.55 2.84 -25.00	48.71 2.93 -20.30	44.92 2.86 -16.49	43.84 2.71 -15.77	36.23 2.67 -7.34	32.45 2.43 -5.92	30.03 2.57 -1.21
HUDSON_AVE_10 24168	29.29 2.27 -0.66	26.60 1.91 -1.08	26.28 1.71 -1.79	25.16 1.40 -4.06	23.58 1.33 -3.55	23.58 1.33 -3.45	24.38 1.38 -4.04	25.03 1.46 -4.62	26.73 1.95 -2.06	27.95 2.07 -2.31	28.82 2.28 -2.77	30.53 2.43 -4.52	32.88 2.55 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.50 2.79 -25.00	48.66 2.88 -20.30	44.87 2.81 -16.49	43.79 2.66 -15.77	36.18 2.62 -7.34	32.42 2.41 -5.92	29.97 2.52 -1.21
HUDSON___115KV_TB 4 355613	28.29 1.11 -0.82	26.01 1.06 -1.34	26.17 1.16 -2.22	25.77 1.02 -5.05	24.08 0.97 -4.41	24.05 0.98 -4.28	24.92 0.95 -5.02	25.45 0.76 -5.74	26.19 0.91 -2.56	27.35 0.92 -2.87	28.14 0.93 -3.45	30.02 0.83 -5.62	32.81 0.85 -8.34	34.76 0.83 -10.36	35.71 0.83 -11.15	38.38 0.79 -15.67	42.93 0.94 -18.57	49.96 1.06 -24.19	51.82 1.12 -25.23	47.20 1.15 -20.48	46.11 1.17 -19.59	36.49 1.15 -9.11	32.44 0.99 -7.35	28.75 1.00 -1.51
HUNTER MOUNT___DRP 323613	28.23 1.08 -0.79	25.97 1.06 -1.30	26.09 1.16 -2.15	25.62 1.04 -4.89	23.94 0.97 -4.27	23.93 1.00 -4.14	24.74 0.93 -4.86	25.19 0.68 -5.56	26.02 0.82 -2.48	27.14 0.80 -2.78	27.91 0.81 -3.34	29.70 0.68 -5.44	32.40 0.71 -8.07	34.28 0.68 -10.02	35.19 0.66 -10.80	37.72 0.64 -15.17	42.22 0.82 -17.97	49.09 0.96 -23.42	50.94 1.04 -24.42	46.47 1.07 -19.83	45.41 1.09 -18.96	36.09 1.05 -8.82	32.10 0.89 -7.12	28.59 0.89 -1.46
HUNTINGTON_RES_REC 323705	35.72 2.48 -6.89	34.86 2.15 -9.10	34.32 1.98 -9.56	31.45 1.65 -10.10	29.30 1.57 -9.03	32.09 1.60 -11.69	25.60 1.63 -5.01	27.84 1.71 -7.18	33.12 2.18 -8.21	34.95 2.26 -9.13	39.28 2.40 -13.12	41.73 2.57 -15.58	43.56 2.67 -17.27	56.34 2.71 -30.05	61.43 2.75 -34.95	65.84 2.61 -41.32	74.51 2.83 -48.25	139.45 2.96 -111.78	63.93 3.03 -35.42	69.36 2.94 -40.85	49.60 2.81 -21.43	51.52 2.83 -22.46	39.19 2.53 -12.57	37.97 2.75 -8.98
HUNTLEY___63 23557	25.08 -1.37 -0.09	22.44 -1.32 -0.15	21.62 -1.41 -0.25	19.16 -1.10 -0.57	18.26 -0.93 -0.50	18.34 -0.94 -0.48	18.38 -1.14 -0.56	18.25 -1.35 -0.65	21.24 -1.77 -0.29	22.31 -1.58 -0.32	22.51 -1.64 -0.39	22.30 -1.91 -0.63	22.81 -1.75 -0.94	22.78 -1.96 -1.16	23.08 -1.90 -1.25	22.25 -1.42 -1.76	23.80 -1.71 -2.09	26.09 -1.33 -2.71	27.00 -1.30 -2.83	26.44 -1.43 -2.30	26.01 -1.55 -2.20	25.83 -1.42 -1.02	23.38 -1.54 -0.83	24.70 -1.71 -0.17
HUNTLEY___64 23558	25.08 -1.37 -0.09	22.44 -1.32 -0.15	21.62 -1.41 -0.25	19.16 -1.10 -0.57	18.26 -0.93 -0.50	18.34 -0.94 -0.48	18.38 -1.14 -0.56	18.25 -1.35 -0.65	21.24 -1.77 -0.29	22.31 -1.58 -0.32	22.51 -1.64 -0.39	22.30 -1.91 -0.63	22.81 -1.75 -0.94	22.78 -1.96 -1.16	23.08 -1.90 -1.25	22.25 -1.42 -1.76	23.80 -1.71 -2.09	26.09 -1.33 -2.71	27.00 -1.30 -2.83	26.44 -1.43 -2.30	26.01 -1.55 -2.20	25.83 -1.42 -1.02	23.38 -1.54 -0.83	24.70 -1.71 -0.17
HUNTLEY___65 23559	25.08 -1.37 -0.09	22.44 -1.32 -0.15	21.62 -1.41 -0.25	19.16 -1.10 -0.57	18.26 -0.93 -0.50	18.34 -0.94 -0.48	18.38 -1.14 -0.56	18.25 -1.35 -0.65	21.24 -1.77 -0.29	22.31 -1.58 -0.32	22.51 -1.64 -0.39	22.30 -1.91 -0.63	22.81 -1.75 -0.94	22.78 -1.96 -1.16	23.08 -1.90 -1.25	22.25 -1.42 -1.76	23.80 -1.71 -2.09	26.09 -1.33 -2.71	27.00 -1.30 -2.83	26.44 -1.43 -2.30	26.01 -1.55 -2.20	25.83 -1.42 -1.02	23.38 -1.54 -0.83	24.70 -1.71 -0.17
HUNTLEY___66 23560	25.08 -1.37 -0.09	22.44 -1.32 -0.15	21.62 -1.41 -0.25	19.16 -1.10 -0.57	18.26 -0.93 -0.50	18.34 -0.94 -0.48	18.38 -1.14 -0.56	18.25 -1.35 -0.65	21.24 -1.77 -0.29	22.31 -1.58 -0.32	22.51 -1.64 -0.39	22.30 -1.91 -0.63	22.81 -1.75 -0.94	22.78 -1.96 -1.16	23.08 -1.90 -1.25	22.25 -1.42 -1.76	23.80 -1.71 -2.09	26.09 -1.33 -2.71	27.00 -1.30 -2.83	26.44 -1.43 -2.30	26.01 -1.55 -2.20	25.83 -1.42 -1.02	23.38 -1.54 -0.83	24.70 -1.71 -0.17

HUNTLEY___67 23561	24.87 -1.58 -0.09	22.25 -1.51 -0.15	21.46 -1.57 -0.26	19.01 -1.26 -0.58	18.12 -1.08 -0.51	18.20 -1.09 -0.49	18.28 -1.25 -0.58	18.15 -1.46 -0.66	21.13 -1.89 -0.29	22.20 -1.70 -0.33	22.40 -1.76 -0.40	22.22 -2.00 -0.65	22.74 -1.84 -0.96	22.72 -2.05 -1.19	23.02 -1.99 -1.28	22.23 -1.49 -1.80	23.78 -1.78 -2.14	26.08 -1.41 -2.78	27.00 -1.38 -2.90	26.42 -1.51 -2.36	25.99 -1.62 -2.25	25.75 -1.52 -1.05	23.33 -1.61 -0.85	24.63 -1.78 -0.17
HUNTLEY___68 23562	24.87 -1.58 -0.09	22.25 -1.51 -0.15	21.46 -1.57 -0.26	19.01 -1.26 -0.58	18.12 -1.08 -0.51	18.20 -1.09 -0.49	18.28 -1.25 -0.58	18.15 -1.46 -0.66	21.13 -1.89 -0.29	22.20 -1.70 -0.33	22.40 -1.76 -0.40	22.22 -2.00 -0.65	22.74 -1.84 -0.96	22.72 -2.05 -1.19	23.02 -1.99 -1.28	22.23 -1.49 -1.80	23.78 -1.78 -2.14	26.08 -1.41 -2.78	27.00 -1.38 -2.90	26.42 -1.51 -2.36	25.99 -1.62 -2.25	25.75 -1.52 -1.05	23.33 -1.61 -0.85	24.63 -1.78 -0.17
HYLAND___LFG 323620	26.83 0.37 -0.10	23.97 0.19 -0.17	23.11 0.05 -0.28	20.39 0.06 -0.64	19.41 0.15 -0.56	19.53 0.19 -0.54	19.59 0.00 -0.64	19.30 -0.38 -0.73	22.00 -1.04 -0.32	22.65 -1.27 -0.36	22.56 -1.64 -0.44	22.62 -1.67 -0.71	23.07 -1.61 -1.06	23.31 -1.58 -1.32	23.63 -1.52 -1.42	22.68 -1.23 -1.99	24.57 -1.22 -2.36	26.79 -0.99 -3.07	28.04 -0.64 -3.20	27.86 -0.31 -2.60	27.72 -0.13 -2.49	27.33 -0.05 -1.16	24.81 -0.22 -0.93	26.38 -0.05 -0.19
INDECK___CORINTH 23802	29.19 1.95 -0.88	26.82 1.77 -1.44	26.71 1.55 -2.38	26.47 1.38 -5.40	24.74 1.33 -4.71	24.69 1.32 -4.58	25.65 1.33 -5.37	26.39 1.31 -6.14	27.25 1.79 -2.73	28.54 1.91 -3.07	29.21 1.76 -3.68	31.33 1.74 -6.01	34.07 1.53 -8.91	36.08 1.44 -11.07	36.41 0.76 -11.92	39.44 0.77 -16.75	43.98 0.70 -19.85	51.39 0.81 -25.86	53.49 1.04 -26.97	48.59 1.12 -21.90	47.54 1.24 -20.94	37.30 1.34 -9.74	33.79 1.83 -7.86	29.69 1.84 -1.61
INDECK___ILION 23567	26.67 0.32 0.00	23.87 0.26 0.00	23.03 0.25 0.00	19.91 0.22 0.00	18.92 0.22 0.00	19.02 0.23 0.00	19.18 0.23 0.00	19.16 0.21 0.00	22.97 0.25 0.00	23.82 0.26 0.00	24.03 0.26 0.00	23.79 0.21 0.00	23.84 0.21 0.00	23.74 0.17 0.00	23.89 0.17 0.00	22.05 0.13 0.00	23.55 0.12 0.00	24.88 0.17 0.00	25.65 0.18 0.00	25.77 0.20 0.00	25.56 0.20 0.00	26.46 0.24 0.00	24.31 0.22 0.00	26.48 0.24 0.00
INDECK___OLEAN 23982	24.47 -2.00 -0.11	21.90 -1.89 -0.18	21.12 -1.96 -0.30	18.78 -1.59 -0.69	17.91 -1.38 -0.60	17.99 -1.39 -0.58	18.12 -1.52 -0.68	18.16 -1.57 -0.78	21.05 -2.02 -0.35	21.97 -1.98 -0.39	22.12 -2.12 -0.47	22.17 -2.17 -0.76	22.72 -2.03 -1.13	22.81 -2.17 -1.41	23.11 -2.14 -1.51	22.20 -1.84 -2.13	23.89 -2.06 -2.52	25.77 -2.22 -3.28	26.56 -2.34 -3.42	25.92 -2.43 -2.78	25.66 -2.36 -2.66	24.97 -2.49 -1.24	22.90 -2.19 -1.00	24.45 -2.00 -0.20
INDECK___OSWEGO 23783	26.11 -0.29 -0.05	23.38 -0.31 -0.07	22.56 -0.34 -0.12	19.70 -0.28 -0.28	18.70 -0.24 -0.24	18.77 -0.26 -0.24	18.95 -0.28 -0.28	18.94 -0.32 -0.32	22.43 -0.43 -0.14	23.27 -0.45 -0.16	23.48 -0.48 -0.19	23.41 -0.47 -0.31	23.63 -0.45 -0.46	23.65 -0.50 -0.57	23.82 -0.52 -0.61	22.34 -0.44 -0.86	23.96 -0.49 -1.02	25.52 -0.52 -1.33	26.44 -0.54 -1.50	26.18 -0.51 -1.13	25.90 -0.53 -1.08	26.17 -0.55 -0.50	24.02 -0.48 -0.40	25.85 -0.47 -0.08
INDECK___YERKES 23781	25.13 -1.32 -0.09	22.46 -1.30 -0.15	21.64 -1.39 -0.25	19.18 -1.08 -0.57	18.28 -0.92 -0.50	18.36 -0.92 -0.48	18.40 -1.12 -0.56	18.27 -1.33 -0.65	21.26 -1.75 -0.29	22.21 -1.67 -0.32	22.30 -1.85 -0.39	22.32 -1.89 -0.63	22.84 -1.72 -0.94	22.85 -1.89 -1.16	23.11 -1.88 -1.25	22.06 -1.62 -1.76	23.78 -1.73 -2.09	25.44 -1.98 -2.71	26.16 -2.14 -2.83	25.62 -2.25 -2.30	25.35 -2.21 -2.20	25.02 -2.23 -1.02	22.92 -2.00 -0.83	24.73 -1.68 -0.17
INDIAN POINT_GT_1 24139	28.96 1.95 -0.65	26.35 1.68 -1.07	26.05 1.50 -1.77	24.94 1.24 -4.01	23.38 1.18 -3.50	23.40 1.20 -3.40	24.15 1.21 -3.99	24.78 1.27 -4.56	26.46 1.70 -2.03	27.66 1.81 -2.28	28.50 2.00 -2.74	30.14 2.10 -4.46	32.44 2.20 -6.62	34.02 2.22 -8.22	38.73 2.30 -12.70	41.62 2.17 -17.54	52.66 2.30 -26.94	51.92 2.47 -24.74	48.03 2.52 -20.03	44.32 2.48 -16.27	43.25 2.33 -15.55	35.77 2.31 -7.24	32.03 2.10 -5.84	29.64 2.20 -1.20
INDIAN POINT_GT_2 23659	28.96 1.95 -0.65	26.35 1.68 -1.07	26.05 1.50 -1.77	24.94 1.24 -4.01	23.38 1.18 -3.50	23.40 1.20 -3.40	24.15 1.21 -3.99	24.78 1.27 -4.56	26.46 1.70 -2.03	27.66 1.81 -2.28	28.50 2.00 -2.74	30.14 2.10 -4.46	32.44 2.20 -6.62	34.02 2.22 -8.22	38.73 2.30 -12.70	41.62 2.17 -17.54	52.66 2.30 -26.94	51.92 2.47 -24.74	48.03 2.52 -20.03	44.32 2.48 -16.27	43.25 2.33 -15.55	35.77 2.31 -7.24	32.03 2.10 -5.84	29.64 2.20 -1.20
INDIAN POINT_GT_3 24019	28.96 1.95 -0.65	26.35 1.68 -1.07	26.05 1.50 -1.77	24.94 1.24 -4.01	23.38 1.18 -3.50	23.40 1.20 -3.40	24.15 1.21 -3.99	24.78 1.27 -4.56	26.46 1.70 -2.03	27.66 1.81 -2.28	28.50 2.00 -2.74	30.14 2.10 -4.46	32.44 2.20 -6.62	34.02 2.22 -8.22	38.73 2.30 -12.70	41.62 2.17 -17.54	52.66 2.30 -26.94	51.92 2.47 -24.74	48.03 2.52 -20.03	44.32 2.48 -16.27	43.25 2.33 -15.55	35.77 2.31 -7.24	32.03 2.10 -5.84	29.64 2.20 -1.20
INDIAN POINT___2 23530	28.92 1.92 -0.64	26.29 1.63 -1.05	25.97 1.46 -1.74	24.85 1.22 -3.94	23.30 1.16 -3.44	23.30 1.17 -3.34	24.07 1.19 -3.92	24.68 1.25 -4.48	26.38 1.66 -2.00	27.55 1.74 -2.24	28.38 1.92 -2.69	30.01 2.05 -4.38	32.28 2.15 -6.51	33.82 2.17 -8.08	38.50 2.23 -12.54	41.36 2.13 -17.32	52.38 2.27 -26.68	51.48 2.37 -24.40	47.58 2.42 -19.68	43.90 2.35 -15.98	42.87 2.23 -15.28	35.56 2.23 -7.11	31.86 2.02 -5.74	29.57 2.15 -1.18
INDIAN POINT___3 23531	28.93 1.92 -0.65	26.31 1.63 -1.07	26.00 1.46 -1.77	24.93 1.22 -4.01	23.36 1.16 -3.50	23.36 1.17 -3.40	24.14 1.19 -3.99	24.76 1.25 -4.56	26.41 1.66 -2.03	27.61 1.77 -2.28	28.45 1.95 -2.74	30.09 2.05 -4.46	32.40 2.15 -6.63	33.97 2.17 -8.23	38.64 2.21 -12.70	41.54 2.08 -17.54	52.60 2.23 -26.94	51.83 2.37 -24.75	47.97 2.45 -20.05	44.22 2.38 -16.28	43.18 2.26 -15.56	35.69 2.23 -7.24	31.96 2.02 -5.84	29.59 2.15 -1.20
INGHAM_C_115KV_TB7 356103	26.65 0.29 0.00	23.85 0.24 0.00	23.01 0.23 0.00	19.91 0.22 0.00	18.90 0.21 0.00	19.00 0.21 0.00	19.18 0.23 0.00	19.14 0.19 0.00	22.95 0.23 0.00	23.77 0.21 0.00	23.98 0.21 0.00	23.72 0.14 0.00	23.72 0.09 0.00	23.62 0.05 0.00	23.75 0.02 0.00	21.87 -0.04 0.00	23.36 -0.07 0.00	24.69 -0.02 0.00	25.48 0.00 0.00	25.62 0.05 0.00	25.41 0.05 0.00	26.35 0.13 0.00	24.24 0.14 0.00	26.42 0.18 0.00
IP CORINTH___1 23988	29.19 1.95 -0.88	26.82 1.77 -1.44	26.71 1.55 -2.38	26.47 1.38 -5.40	24.74 1.33 -4.71	24.69 1.32 -4.58	25.65 1.33 -5.37	26.39 1.31 -6.14	27.25 1.80 -2.73	28.57 1.93 -3.07	29.23 1.78 -3.68	31.33 1.74 -6.01	34.07 1.54 -8.91	36.06 1.41 -11.07	36.53 0.88 -11.92	39.48 0.81 -16.75	44.07 0.80 -19.85	51.51 0.94 -25.86	53.64 1.20 -26.97	48.72 1.25 -21.90	47.67 1.37 -20.94	37.43 1.47 -9.74	33.79 1.83 -7.86	29.69 1.84 -1.61

IP___TICONDEROGA 23804	30.37 3.14 -0.88	27.90 2.86 -1.43	27.59 2.44 -2.38	27.29 2.21 -5.39	25.52 2.11 -4.71	25.45 2.09 -4.57	26.42 2.10 -5.36	27.14 2.07 -6.13	28.36 2.91 -2.73	29.76 3.13 -3.07	30.46 3.02 -3.68	32.52 2.95 -6.00	35.12 2.60 -8.90	37.01 2.38 -11.06	37.51 1.87 -11.91	40.42 1.78 -16.73	45.08 1.83 -19.82	52.66 2.13 -25.83	54.75 2.34 -26.93	49.84 2.40 -21.87	48.78 2.51 -20.91	38.58 2.62 -9.73	34.67 2.72 -7.85	30.55 2.70 -1.61
ISLIP_RES_REC 323679	36.20 2.95 -6.89	35.24 2.53 -9.10	34.63 2.30 -9.56	31.75 1.95 -10.10	29.58 1.85 -9.03	32.35 1.86 -11.69	25.86 1.90 -5.01	28.08 1.95 -7.18	33.39 2.45 -8.21	35.26 2.57 -9.13	39.71 2.83 -13.12	42.57 2.99 -16.00	44.76 3.07 -18.07	59.98 3.11 -33.29	65.72 3.16 -38.83	70.61 2.98 -45.72	78.10 3.26 -51.42	97.26 3.41 -69.14	66.19 3.49 -37.22	58.40 3.45 -29.38	50.75 3.32 -22.07	52.98 3.33 -23.42	39.67 3.01 -12.57	38.42 3.20 -8.98
JAMAICA__27_KV_LOAD 355505	29.50 2.48 -0.66	26.79 2.10 -1.08	26.44 1.87 -1.79	25.29 1.54 -4.06	23.69 1.44 -3.55	23.69 1.45 -3.45	24.53 1.54 -4.04	25.18 1.61 -4.62	26.92 2.14 -2.06	28.14 2.26 -2.31	29.01 2.47 -2.77	30.74 2.64 -4.52	33.10 2.76 -6.71	34.67 2.76 -8.34	39.35 2.80 -12.82	42.25 2.63 -17.71	53.40 2.83 -27.14	52.75 3.04 -25.00	48.92 3.13 -20.30	45.15 3.09 -16.49	44.07 2.94 -15.77	36.42 2.86 -7.34	32.64 2.63 -5.92	30.13 2.68 -1.21
JANIS___SOLAR 323808	27.69 1.16 -0.17	24.83 0.95 -0.28	24.08 0.84 -0.46	21.51 0.77 -1.05	20.38 0.77 -0.91	20.49 0.81 -0.89	20.85 0.85 -1.04	20.88 0.74 -1.19	24.00 0.75 -0.53	24.86 0.71 -0.60	25.05 0.57 -0.71	25.21 0.47 -1.16	25.78 0.43 -1.73	26.05 0.33 -2.15	26.37 0.33 -2.31	25.56 0.39 -3.25	27.79 0.51 -3.85	30.42 0.69 -5.01	31.57 0.84 -5.25	30.81 1.00 -4.25	30.38 0.96 -4.06	29.11 1.00 -1.89	26.48 0.87 -1.52	27.50 0.94 -0.31
JARVIS____ 23743	26.59 0.24 0.00	23.82 0.21 0.00	22.96 0.18 0.00	19.85 0.16 0.00	18.87 0.17 0.00	18.96 0.17 0.00	19.10 0.15 0.00	19.10 0.15 0.00	22.90 0.18 0.00	23.75 0.19 0.00	23.95 0.19 0.00	23.76 0.19 0.00	23.81 0.19 0.00	23.76 0.19 0.00	23.92 0.19 0.00	22.09 0.17 0.00	23.61 0.19 0.00	24.91 0.20 0.00	25.68 0.20 0.00	25.80 0.23 0.00	25.56 0.20 0.00	26.46 0.24 0.00	24.31 0.22 0.00	26.45 0.21 0.00
JENNISON___1 23625	27.97 1.40 -0.22	25.14 1.18 -0.35	24.41 1.05 -0.58	21.96 0.95 -1.32	20.79 0.93 -1.16	20.88 0.96 -1.12	21.29 1.02 -1.32	21.40 0.95 -1.50	24.48 1.09 -0.67	25.49 1.18 -0.75	25.81 1.14 -0.90	26.04 0.99 -1.47	26.78 0.97 -2.19	27.14 0.85 -2.71	27.48 0.83 -2.92	26.88 0.85 -4.11	29.21 0.91 -4.87	32.26 1.21 -6.34	33.40 1.30 -6.63	32.29 1.36 -5.37	31.76 1.27 -5.13	29.98 1.36 -2.39	27.18 1.16 -1.93	27.79 1.15 -0.40
JENNISON___2 23626	27.97 1.40 -0.22	25.14 1.18 -0.35	24.41 1.05 -0.58	21.96 0.95 -1.32	20.79 0.93 -1.16	20.88 0.96 -1.12	21.29 1.02 -1.32	21.40 0.95 -1.50	24.48 1.09 -0.67	25.49 1.18 -0.75	25.81 1.14 -0.90	26.04 0.99 -1.47	26.78 0.97 -2.19	27.14 0.85 -2.71	27.48 0.83 -2.92	26.88 0.85 -4.11	29.21 0.91 -4.87	32.26 1.21 -6.34	33.40 1.30 -6.63	32.29 1.36 -5.37	31.76 1.27 -5.13	29.98 1.36 -2.39	27.18 1.16 -1.93	27.79 1.15 -0.40
JERICHO_RISE_WT_PWR 323719	24.88 -1.48 0.00	22.45 -1.16 0.00	21.78 -1.00 0.00	18.83 -0.87 0.00	17.82 -0.88 0.00	17.95 -0.85 0.00	18.18 -0.78 0.00	18.19 -0.76 0.00	21.70 -1.02 0.00	22.50 -1.06 0.00	22.67 -1.09 0.00	22.40 -1.18 0.00	22.35 -1.28 0.00	22.44 -1.13 0.00	22.69 -1.04 0.00	20.76 -1.16 0.00	22.33 -1.10 0.00	23.65 -1.06 0.00	24.43 -1.05 0.00	24.52 -1.05 0.00	24.47 -0.89 0.00	25.33 -0.89 0.00	23.32 -0.77 0.00	25.32 -0.92 0.00
KATONAH___115KV_46KV_TB4 355592	29.17 2.14 -0.67	26.55 1.84 -1.10	26.24 1.64 -1.82	25.18 1.36 -4.13	23.60 1.29 -3.61	23.61 1.32 -3.50	24.37 1.31 -4.11	25.03 1.38 -4.70	26.70 1.89 -2.09	27.92 2.00 -2.35	28.82 2.23 -2.82	30.53 2.36 -4.60	32.93 2.48 -6.82	34.57 2.52 -8.47	39.33 2.63 -12.97	42.40 2.56 -17.91	53.51 2.69 -27.38	52.87 2.84 -25.32	49.00 2.88 -20.64	45.12 2.79 -16.76	44.02 2.64 -16.03	36.28 2.60 -7.46	32.38 2.26 -6.02	29.89 2.41 -1.23
KCE_NY_1 323755	28.89 1.66 -0.87	26.53 1.49 -1.43	26.49 1.34 -2.37	26.26 1.18 -5.38	24.54 1.14 -4.70	24.50 1.15 -4.56	25.44 1.14 -5.35	26.18 1.12 -6.12	26.92 1.48 -2.73	28.18 1.55 -3.06	28.96 1.52 -3.67	31.10 1.53 -5.99	33.97 1.47 -8.89	36.00 1.39 -11.04	36.85 1.23 -11.89	39.80 1.18 -16.70	44.46 1.24 -19.79	51.83 1.33 -25.78	53.79 1.43 -26.89	48.88 1.48 -21.83	47.76 1.52 -20.88	37.51 1.57 -9.71	33.50 1.57 -7.84	29.45 1.60 -1.61
KCE_NY_6_ESR 323823	25.03 -1.42 -0.10	22.40 -1.37 -0.16	21.59 -1.46 -0.27	19.16 -1.14 -0.61	18.26 -0.97 -0.53	18.33 -0.98 -0.52	18.42 -1.14 -0.60	18.35 -1.29 -0.69	21.35 -1.68 -0.31	22.28 -1.63 -0.35	22.37 -1.81 -0.41	22.44 -1.81 -0.68	22.95 -1.68 -1.00	22.98 -1.84 -1.25	23.27 -1.80 -1.34	22.27 -1.53 -1.89	24.00 -1.66 -2.23	25.74 -1.88 -2.91	26.47 -2.04 -3.03	25.91 -2.12 -2.46	25.64 -2.08 -2.36	25.17 -2.15 -1.10	23.07 -1.90 -0.89	24.80 -1.63 -0.18
KEDC_PORT_JEFF_GT2 24210	35.99 2.74 -6.89	35.07 2.36 -9.10	34.48 2.14 -9.56	31.61 1.81 -10.10	29.45 1.72 -9.03	32.24 1.75 -11.69	25.75 1.78 -5.01	27.97 1.84 -7.18	33.23 2.29 -8.21	35.09 2.40 -9.13	39.50 2.61 -13.12	42.20 2.71 -15.91	44.37 2.81 -17.94	59.33 2.69 -33.07	65.02 2.73 -38.56	69.91 2.59 -45.41	77.55 2.83 -51.28	103.08 2.96 -75.40	65.65 3.03 -37.15	59.60 2.99 -31.04	50.31 2.92 -22.04	52.60 2.99 -23.39	39.43 2.77 -12.57	38.21 2.99 -8.98
KEDC_PORT_JEFF_GT3 24211	35.99 2.74 -6.89	35.07 2.36 -9.10	34.48 2.14 -9.56	31.61 1.81 -10.10	29.45 1.72 -9.03	32.24 1.75 -11.69	25.75 1.78 -5.01	27.97 1.84 -7.18	33.23 2.29 -8.21	35.09 2.40 -9.13	39.50 2.61 -13.12	42.20 2.71 -15.91	44.37 2.81 -17.94	59.33 2.69 -33.07	65.02 2.73 -38.56	69.91 2.59 -45.41	77.55 2.83 -51.28	103.08 2.96 -75.40	65.65 3.03 -37.15	59.60 2.99 -31.04	50.31 2.92 -22.04	52.60 2.99 -23.39	39.43 2.77 -12.57	38.21 2.99 -8.98
KEDC_GLWD_GT4 24219	35.86 2.61 -6.89	34.95 2.24 -9.10	34.36 2.03 -9.56	31.49 1.69 -10.10	29.34 1.61 -9.03	32.12 1.63 -11.69	25.61 1.65 -5.01	27.86 1.72 -7.18	33.19 2.25 -8.21	35.09 2.40 -9.13	39.33 2.45 -13.12	44.61 2.62 -18.42	47.81 2.72 -21.48	61.30 2.78 -34.94	67.39 2.85 -40.81	72.54 2.67 -47.95	79.62 2.88 -53.32	69.77 2.99 -42.07	66.83 3.06 -38.30	50.62 2.94 -22.11	50.62 2.81 -22.45	53.06 2.83 -24.01	39.19 2.53 -12.57	37.90 2.68 -8.98
KEDC_GLWD_GT5 24220	35.86 2.61 -6.89	34.95 2.24 -9.10	34.36 2.03 -9.56	31.49 1.69 -10.10	29.34 1.61 -9.03	32.12 1.63 -11.69	25.61 1.65 -5.01	27.86 1.72 -7.18	33.19 2.25 -8.21	35.09 2.40 -9.13	39.33 2.45 -13.12	44.61 2.62 -18.42	47.81 2.72 -21.48	61.30 2.78 -34.94	67.39 2.85 -40.81	72.54 2.67 -47.95	79.62 2.88 -53.32	69.77 2.99 -42.07	66.83 3.06 -38.30	50.62 2.94 -22.11	50.62 2.81 -22.45	53.06 2.83 -24.01	39.19 2.53 -12.57	37.90 2.68 -8.98

KENSICO____ 23655	29.07 2.06 -0.66	26.43 1.75 -1.08	26.14 1.57 -1.79	25.05 1.30 -4.05	23.47 1.23 -3.54	23.47 1.24 -3.44	24.27 1.29 -4.03	24.90 1.35 -4.61	26.55 1.77 -2.05	27.78 1.91 -2.31	28.62 2.09 -2.77	30.28 2.19 -4.51	32.61 2.29 -6.69	34.20 2.31 -8.31	38.89 2.37 -12.79	41.82 2.24 -17.67	52.91 2.39 -27.09	52.20 2.55 -24.94	48.35 2.62 -20.25	44.57 2.56 -16.44	43.52 2.43 -15.72	35.92 2.39 -7.31	32.17 2.17 -5.90	29.73 2.28 -1.21
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.83 1.85 -0.63	26.19 1.56 -1.03	25.80 1.32 -1.70	24.63 1.08 -3.86	23.08 1.01 -3.37	23.12 1.05 -3.27	23.83 1.04 -3.83	24.34 1.00 -4.38	26.06 1.39 -1.95	27.24 1.48 -2.20	28.06 1.66 -2.63	29.64 1.77 -4.29	31.88 1.89 -6.37	33.26 1.77 -7.91	34.05 1.80 -8.52	35.60 1.71 -11.97	39.58 1.97 -14.18	45.29 2.10 -18.48	46.94 2.19 -19.27	43.34 2.12 -15.65	42.30 1.98 -14.96	35.26 2.07 -6.96	31.54 1.83 -5.62	29.31 1.92 -1.15
KIAC_JFK_GT1 23816	29.34 2.32 -0.66	26.65 1.96 -1.08	26.32 1.75 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.78 2.00 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.60 2.50 -4.52	32.96 2.62 -6.71	34.46 2.55 -8.34	39.13 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.50 2.79 -25.00	48.66 2.88 -20.30	44.89 2.84 -16.49	43.81 2.69 -15.77	36.15 2.60 -7.34	32.50 2.48 -5.92	29.89 2.44 -1.21
KIAC_JFK_GT2 23817	29.34 2.32 -0.66	26.65 1.96 -1.08	26.32 1.75 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.78 2.00 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.60 2.50 -4.52	32.96 2.62 -6.71	34.46 2.55 -8.34	39.13 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.50 2.79 -25.00	48.66 2.88 -20.30	44.89 2.84 -16.49	43.81 2.69 -15.77	36.15 2.60 -7.34	32.50 2.48 -5.92	29.89 2.44 -1.21
KIAC_JFK____ 323774	29.34 2.32 -0.66	26.65 1.96 -1.08	26.32 1.75 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.78 2.00 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.60 2.50 -4.52	32.96 2.62 -6.71	34.46 2.55 -8.34	39.13 2.59 -12.82	42.06 2.43 -17.71	53.19 2.62 -27.14	52.45 2.74 -25.00	48.61 2.83 -20.30	44.82 2.76 -16.49	43.76 2.64 -15.77	36.13 2.57 -7.34	32.47 2.46 -5.92	29.90 2.44 -1.21
KINTIGH____ 23543	25.23 -1.21 -0.08	22.56 -1.18 -0.13	21.77 -1.23 -0.22	19.19 -1.00 -0.50	18.29 -0.84 -0.43	18.35 -0.86 -0.42	18.46 -0.99 -0.49	18.34 -1.17 -0.57	21.45 -1.52 -0.25	22.50 -1.34 -0.28	22.70 -1.40 -0.34	22.53 -1.60 -0.55	22.98 -1.46 -0.82	22.92 -1.67 -1.02	23.21 -1.61 -1.10	22.26 -1.21 -1.54	23.83 -1.43 -1.83	26.03 -1.06 -2.38	26.92 -1.04 -2.48	26.44 -1.15 -2.02	26.02 -1.27 -1.93	25.97 -1.15 -0.90	23.54 -1.28 -0.72	24.95 -1.44 -0.15
KNTFSRNC_46_KV_46KV_LOAD 80397	25.07 -1.29 0.00	22.64 -0.97 0.00	21.96 -0.82 0.00	18.98 -0.71 0.00	17.95 -0.75 0.00	18.10 -0.70 0.00	18.35 -0.61 0.00	18.34 -0.61 0.00	21.86 -0.86 0.00	22.59 -0.97 0.00	22.74 -1.02 0.00	22.56 -1.01 0.00	22.51 -1.11 0.00	22.61 -0.97 0.00	22.87 -0.85 0.00	20.98 -0.94 0.00	22.61 -0.82 0.00	23.89 -0.82 0.00	24.61 -0.87 0.00	24.75 -0.82 0.00	24.78 -0.58 0.00	25.54 -0.68 0.00	23.52 -0.58 0.00	25.53 -0.71 0.00
LACHUTE____HYDRO 323717	30.37 3.14 -0.88	27.90 2.86 -1.43	27.59 2.44 -2.38	27.29 2.21 -5.39	25.52 2.11 -4.71	25.45 2.09 -4.57	26.42 2.10 -5.36	27.14 2.07 -6.13	28.36 2.91 -2.73	29.74 3.11 -3.07	30.41 2.97 -3.68	32.52 2.95 -6.00	35.12 2.60 -8.90	37.01 2.38 -11.06	37.51 1.87 -11.91	40.47 1.82 -16.73	45.10 1.85 -19.82	52.64 2.10 -25.83	54.73 2.32 -26.93	49.84 2.40 -21.87	48.81 2.54 -20.91	38.55 2.60 -9.73	34.64 2.70 -7.85	30.55 2.70 -1.61
LAWRNCV_115KV_TB1 80681	25.07 -1.29 0.00	22.59 -1.02 0.00	21.89 -0.89 0.00	18.91 -0.79 0.00	17.89 -0.80 0.00	17.99 -0.81 0.00	18.21 -0.74 0.00	18.21 -0.74 0.00	21.75 -0.98 0.00	22.48 -1.08 0.00	22.62 -1.14 0.00	22.49 -1.08 0.00	22.44 -1.18 0.00	22.49 -1.08 0.00	22.64 -1.09 0.00	20.84 -1.07 0.00	22.37 -1.05 0.00	23.52 -1.19 0.00	24.28 -1.20 0.00	24.44 -1.13 0.00	24.42 -0.94 0.00	25.20 -1.02 0.00	23.13 -0.96 0.00	25.14 -1.10 0.00
LEDERLE____ 23769	29.02 2.03 -0.63	26.39 1.75 -1.03	26.03 1.55 -1.70	24.86 1.30 -3.87	23.31 1.23 -3.38	23.31 1.24 -3.28	24.05 1.25 -3.84	24.63 1.29 -4.40	26.41 1.73 -1.96	27.62 1.86 -2.20	28.45 2.04 -2.64	30.03 2.15 -4.30	32.28 2.27 -6.39	33.82 2.31 -7.93	34.62 2.35 -8.54	36.13 2.21 -12.00	40.04 2.39 -14.22	45.78 2.55 -18.53	47.42 2.62 -19.32	43.81 2.56 -15.69	42.77 2.41 -15.00	35.56 2.36 -6.98	31.87 2.14 -5.63	29.68 2.28 -1.15
LIGHTHSE_115KV_TB6 355974	26.22 -0.18 -0.04	23.46 -0.21 -0.07	22.64 -0.25 -0.11	19.73 -0.22 -0.25	18.73 -0.19 -0.22	18.79 -0.23 -0.22	18.94 -0.27 -0.25	18.92 -0.32 -0.29	22.40 -0.45 -0.13	23.38 -0.33 -0.14	23.56 -0.38 -0.17	23.41 -0.45 -0.28	23.57 -0.47 -0.42	23.58 -0.52 -0.52	23.70 -0.59 -0.56	22.16 -0.55 -0.79	23.75 -0.61 -0.93	25.41 -0.52 -1.22	26.32 -0.48 -1.33	26.19 -0.41 -1.03	25.91 -0.43 -0.99	26.31 -0.37 -0.46	24.13 -0.34 -0.37	25.95 -0.37 -0.08
LINDEN COGEN____ 23786	29.18 2.16 -0.66	26.56 1.86 -1.08	26.23 1.66 -1.79	25.12 1.36 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.34 1.35 -4.04	24.99 1.42 -4.62	26.67 1.88 -2.06	27.88 2.00 -2.31	28.70 2.16 -2.77	30.46 2.36 -4.52	32.79 2.46 -6.71	34.41 2.50 -8.34	39.06 2.51 -12.82	41.99 2.37 -17.71	53.09 2.53 -27.14	52.35 2.65 -25.00	48.51 2.73 -20.30	44.69 2.63 -16.49	43.64 2.51 -15.77	36.08 2.52 -7.34	32.30 2.29 -5.92	29.92 2.47 -1.21
LINDHRST_69_KV_BK1 356055	36.09 2.85 -6.89	35.14 2.43 -9.10	34.57 2.23 -9.56	31.67 1.87 -10.10	29.50 1.78 -9.03	32.28 1.79 -11.69	25.80 1.84 -5.01	28.03 1.89 -7.18	33.34 2.41 -8.21	35.26 2.57 -9.13	39.69 2.80 -13.12	43.48 2.88 -17.03	46.16 3.00 -19.54	60.92 3.04 -34.30	66.83 3.06 -40.04	71.89 2.89 -47.08	78.82 3.12 -52.28	72.06 3.34 -44.02	66.62 3.44 -37.71	51.69 3.43 -22.69	50.88 3.27 -22.25	53.19 3.28 -23.68	39.60 2.94 -12.57	38.34 3.12 -8.98
LIPA_MISC_IPP 23656	35.94 2.69 -6.89	35.00 2.29 -9.10	34.43 2.10 -9.56	31.55 1.75 -10.10	29.39 1.66 -9.03	32.18 1.69 -11.69	25.69 1.72 -5.01	27.91 1.78 -7.18	33.16 2.23 -8.21	35.05 2.36 -9.13	39.52 2.64 -13.12	42.26 2.73 -15.95	44.48 2.83 -18.02	60.01 2.85 -33.58	65.80 2.89 -39.17	70.76 2.74 -46.10	78.22 2.98 -51.82	98.25 3.21 -70.33	66.21 3.29 -37.45	58.51 3.27 -29.67	50.63 3.12 -22.15	52.89 3.12 -23.55	39.48 2.82 -12.57	38.18 2.97 -8.98
LISF__SOLAR 323691	36.01 2.77 -6.89	35.07 2.36 -9.10	34.48 2.14 -9.56	31.59 1.79 -10.10	29.43 1.70 -9.03	32.22 1.73 -11.69	25.73 1.76 -5.01	27.95 1.82 -7.18	33.21 2.27 -8.21	35.05 2.36 -9.13	39.52 2.64 -13.12	42.31 2.78 -15.95	44.52 2.88 -18.02	60.01 2.92 -33.51	65.78 2.97 -39.09	70.73 2.81 -46.00	78.23 3.07 -51.74	98.67 3.26 -70.70	66.22 3.34 -37.40	58.64 3.30 -29.77	50.63 3.14 -22.13	52.92 3.17 -23.52	39.50 2.84 -12.57	38.26 3.04 -8.98

LITTLE FALLS___HYD 24013	26.65 0.29 0.00	23.85 0.24 0.00	23.01 0.23 0.00	19.91 0.22 0.00	18.90 0.21 0.00	19.00 0.21 0.00	19.18 0.23 0.00	19.14 0.19 0.00	22.95 0.23 0.00	23.77 0.21 0.00	23.98 0.21 0.00	23.72 0.14 0.00	23.72 0.09 0.00	23.62 0.05 0.00	23.75 0.02 0.00	21.87 -0.04 0.00	23.36 -0.07 0.00	24.69 -0.02 0.00	25.48 0.00 0.00	25.62 0.05 0.00	25.41 0.05 0.00	26.35 0.13 0.00	24.24 0.14 0.00	26.42 0.18 0.00
LITTLRIV_115KV_TB1 356100	25.28 -1.08 0.00	22.78 -0.83 0.00	22.07 -0.71 0.00	19.06 -0.63 0.00	18.04 -0.65 0.00	18.16 -0.64 0.00	18.39 -0.57 0.00	18.36 -0.59 0.00	21.90 -0.82 0.00	22.62 -0.94 0.00	22.74 -1.02 0.00	22.63 -0.94 0.00	22.56 -1.06 0.00	22.61 -0.97 0.00	22.76 -0.97 0.00	20.95 -0.96 0.00	22.51 -0.91 0.00	23.70 -1.01 0.00	24.46 -1.02 -0.01	24.67 -0.89 0.00	24.62 -0.74 0.00	25.41 -0.81 0.00	23.32 -0.77 0.00	25.32 -0.92 0.00
LI_NEWBRDGE___DRP 323616	35.59 2.35 -6.89	34.72 2.01 -9.10	34.16 1.82 -9.56	31.31 1.52 -10.10	29.17 1.44 -9.03	31.96 1.47 -11.69	25.46 1.50 -5.01	27.69 1.55 -7.18	32.98 2.05 -8.21	34.86 2.17 -9.13	39.21 2.33 -13.12	41.48 2.43 -15.47	43.62 2.53 -17.47	61.09 2.57 -34.94	67.15 2.61 -40.81	72.32 2.45 -47.95	79.34 2.60 -53.32	69.57 2.79 -42.07	66.65 2.88 -38.30	50.52 2.84 -22.11	50.49 2.69 -22.45	52.90 2.67 -24.01	39.09 2.43 -12.57	37.79 2.57 -8.98
LOCKPORT_115KV_TB60_63_64 80432	24.94 -1.50 -0.09	22.31 -1.44 -0.14	21.49 -1.53 -0.24	19.01 -1.22 -0.54	18.12 -1.05 -0.47	18.20 -1.05 -0.46	18.28 -1.21 -0.54	18.14 -1.42 -0.61	21.13 -1.86 -0.27	22.20 -1.67 -0.31	22.40 -1.73 -0.37	22.20 -1.98 -0.60	22.65 -1.87 -0.89	22.61 -2.07 -1.11	22.91 -2.02 -1.19	22.06 -1.53 -1.68	23.61 -1.80 -1.99	25.92 -1.38 -2.59	26.80 -1.38 -2.70	26.28 -1.48 -2.19	25.86 -1.60 -2.10	25.71 -1.49 -0.98	23.27 -1.61 -0.79	24.59 -1.81 -0.16
LOCKPORT___CC1 323769	24.92 -1.53 -0.09	22.29 -1.46 -0.15	21.47 -1.55 -0.24	19.00 -1.24 -0.55	18.11 -1.07 -0.48	18.19 -1.07 -0.46	18.26 -1.23 -0.54	18.13 -1.44 -0.62	21.14 -1.86 -0.28	22.08 -1.79 -0.31	22.14 -2.00 -0.37	22.18 -2.00 -0.61	22.66 -1.87 -0.90	22.64 -2.05 -1.12	22.89 -2.04 -1.21	21.86 -1.75 -1.69	23.58 -1.85 -2.01	25.25 -2.08 -2.61	25.96 -2.24 -2.72	25.46 -2.33 -2.21	25.17 -2.31 -2.12	24.87 -2.33 -0.98	22.79 -2.10 -0.79	24.59 -1.81 -0.16
LOCKPORT___CC2 323770	24.92 -1.53 -0.09	22.29 -1.46 -0.15	21.47 -1.55 -0.24	19.00 -1.24 -0.55	18.11 -1.07 -0.48	18.19 -1.07 -0.46	18.26 -1.23 -0.54	18.13 -1.44 -0.62	21.14 -1.86 -0.28	22.08 -1.79 -0.31	22.14 -2.00 -0.37	22.18 -2.00 -0.61	22.66 -1.87 -0.90	22.64 -2.05 -1.12	22.89 -2.04 -1.21	21.86 -1.75 -1.69	23.58 -1.85 -2.01	25.25 -2.08 -2.61	25.96 -2.24 -2.72	25.46 -2.33 -2.21	25.17 -2.31 -2.12	24.87 -2.33 -0.98	22.79 -2.10 -0.79	24.59 -1.81 -0.16
LOCKPORT___CC3 323771	24.92 -1.53 -0.09	22.29 -1.46 -0.15	21.47 -1.55 -0.24	19.00 -1.24 -0.55	18.11 -1.07 -0.48	18.19 -1.07 -0.46	18.26 -1.23 -0.54	18.13 -1.44 -0.62	21.14 -1.86 -0.28	22.08 -1.79 -0.31	22.14 -2.00 -0.37	22.18 -2.00 -0.61	22.66 -1.87 -0.90	22.64 -2.05 -1.12	22.89 -2.04 -1.21	21.86 -1.75 -1.69	23.58 -1.85 -2.01	25.25 -2.08 -2.61	25.96 -2.24 -2.72	25.46 -2.33 -2.21	25.17 -2.31 -2.12	24.87 -2.33 -0.98	22.79 -2.10 -0.79	24.59 -1.81 -0.16
LONG_LAKE_PHOENIX 24014	26.25 -0.16 -0.05	23.50 -0.19 -0.08	22.68 -0.23 -0.13	19.78 -0.20 -0.29	18.78 -0.17 -0.25	18.87 -0.17 -0.24	19.05 -0.19 -0.28	19.07 -0.21 -0.32	22.57 -0.30 -0.14	23.49 -0.24 -0.16	23.70 -0.26 -0.19	23.56 -0.33 -0.32	23.76 -0.33 -0.47	23.81 -0.35 -0.59	23.98 -0.38 -0.63	22.43 -0.37 -0.89	24.03 -0.45 -1.05	25.71 -0.37 -1.37	26.61 -0.38 -1.51	26.32 -0.41 -1.16	26.06 -0.41 -1.11	26.32 -0.42 -0.52	24.12 -0.39 -0.42	25.96 -0.37 -0.09
LOVETT___3 23632	28.89 1.90 -0.63	26.25 1.61 -1.03	25.93 1.44 -1.71	24.76 1.18 -3.89	23.23 1.14 -3.39	23.24 1.15 -3.29	23.99 1.18 -3.86	24.58 1.21 -4.42	26.30 1.61 -1.97	27.52 1.74 -2.21	28.34 1.92 -2.65	29.93 2.03 -4.32	32.17 2.13 -6.42	33.69 2.15 -7.97	34.52 2.21 -8.59	36.06 2.08 -12.06	39.94 2.23 -14.29	45.70 2.37 -18.62	47.31 2.42 -19.42	43.71 2.38 -15.76	42.67 2.23 -15.08	35.44 2.20 -7.01	31.78 2.02 -5.66	29.53 2.13 -1.16
LOVETT___4 23642	28.89 1.90 -0.63	26.25 1.61 -1.03	25.93 1.44 -1.71	24.76 1.18 -3.89	23.23 1.14 -3.39	23.24 1.15 -3.29	23.99 1.18 -3.86	24.58 1.21 -4.42	26.30 1.61 -1.97	27.52 1.74 -2.21	28.34 1.92 -2.65	29.93 2.03 -4.32	32.17 2.13 -6.42	33.69 2.15 -7.97	34.52 2.21 -8.59	36.06 2.08 -12.06	39.94 2.23 -14.29	45.70 2.37 -18.62	47.31 2.42 -19.42	43.71 2.38 -15.76	42.67 2.23 -15.08	35.44 2.20 -7.01	31.78 2.02 -5.66	29.53 2.13 -1.16
LOVETT___5 23593	28.89 1.90 -0.63	26.25 1.61 -1.03	25.93 1.44 -1.71	24.76 1.18 -3.89	23.23 1.14 -3.39	23.24 1.15 -3.29	23.99 1.18 -3.86	24.58 1.21 -4.42	26.30 1.61 -1.97	27.52 1.74 -2.21	28.34 1.92 -2.65	29.93 2.03 -4.32	32.17 2.13 -6.42	33.69 2.15 -7.97	34.52 2.21 -8.59	36.06 2.08 -12.06	39.94 2.23 -14.29	45.70 2.37 -18.62	47.31 2.42 -19.42	43.71 2.38 -15.76	42.67 2.23 -15.08	35.44 2.20 -7.01	31.78 2.02 -5.66	29.53 2.13 -1.16
LOWER RAQUET___HYD 24057	24.96 -1.40 0.00	22.50 -1.11 0.00	21.80 -0.98 0.00	18.83 -0.87 0.00	17.80 -0.90 0.00	17.91 -0.88 0.00	18.14 -0.81 0.00	18.13 -0.81 0.00	21.63 -1.09 0.00	22.45 -1.11 0.00	22.62 -1.14 0.00	22.37 -1.20 0.00	22.32 -1.30 0.00	22.35 -1.23 0.00	22.54 -1.19 0.00	20.65 -1.27 0.00	22.14 -1.29 0.00	23.42 -1.29 0.00	24.21 -1.27 -0.01	24.37 -1.20 0.00	24.30 -1.06 0.00	25.12 -1.10 0.00	23.06 -1.04 0.00	25.03 -1.21 0.00
LOWER___HUDSON 24059	28.43 1.21 -0.86	26.12 1.11 -1.40	26.15 1.05 -2.33	25.90 0.93 -5.28	24.21 0.90 -4.61	24.18 0.90 -4.48	25.10 0.89 -5.25	25.83 0.87 -6.00	26.53 1.14 -2.67	27.75 1.18 -3.01	28.53 1.16 -3.61	30.61 1.15 -5.88	33.46 1.11 -8.72	35.50 1.09 -10.83	36.44 1.04 -11.67	39.32 1.01 -16.39	43.91 1.06 -19.42	51.16 1.14 -25.31	53.04 1.17 -26.39	48.17 1.18 -21.43	47.07 1.22 -20.49	37.04 1.28 -9.53	33.02 1.23 -7.69	29.08 1.26 -1.58
LOWVILLE_115KV_TB2 356335	26.19 -0.18 -0.02	23.50 -0.14 -0.03	22.70 -0.14 -0.05	19.70 -0.12 -0.12	18.68 -0.13 -0.11	18.77 -0.13 -0.10	18.98 -0.09 -0.12	18.88 -0.21 -0.14	22.42 -0.36 -0.06	23.23 -0.40 -0.07	23.40 -0.45 -0.08	23.20 -0.52 -0.14	23.26 -0.57 -0.20	23.22 -0.61 -0.25	23.36 -0.64 -0.27	21.73 -0.57 -0.38	23.34 -0.54 -0.45	24.88 -0.42 -0.59	25.83 -0.28 -0.64	26.12 0.05 -0.50	25.89 0.05 -0.48	26.55 0.10 -0.22	24.30 0.02 -0.18	26.23 -0.05 -0.04
LUTHERFT_115KV_GLOB_FND_222 355753	28.87 1.63 -0.87	26.53 1.49 -1.43	26.47 1.32 -2.37	26.26 1.18 -5.38	24.54 1.14 -4.70	24.49 1.13 -4.56	25.44 1.14 -5.35	26.17 1.10 -6.12	26.92 1.48 -2.73	28.20 1.58 -3.06	28.98 1.54 -3.67	31.07 1.51 -5.99	33.95 1.44 -8.89	35.98 1.37 -11.04	36.83 1.21 -11.89	39.76 1.14 -16.70	44.39 1.17 -19.79	51.83 1.33 -25.78	53.79 1.43 -26.89	48.86 1.46 -21.83	47.73 1.50 -20.88	37.51 1.57 -9.71	33.50 1.57 -7.84	29.45 1.60 -1.61

LUTHERNY_35_KV_BK2 355980	28.89 1.66 -0.87	26.53 1.49 -1.43	26.49 1.34 -2.37	26.26 1.18 -5.38	24.54 1.14 -4.70	24.50 1.15 -4.56	25.44 1.14 -5.35	26.19 1.12 -6.12	26.92 1.48 -2.73	28.20 1.58 -3.06	29.01 1.57 -3.67	31.10 1.53 -5.99	33.97 1.46 -8.89	36.00 1.39 -11.04	36.85 1.23 -11.89	39.78 1.16 -16.70	44.41 1.19 -19.79	51.83 1.33 -25.78	53.81 1.45 -26.89	48.88 1.48 -21.83	47.76 1.52 -20.88	37.54 1.60 -9.71	33.50 1.57 -7.84	29.45 1.60 -1.61
LWR__OSWEGATCHIE_HYD 23850	25.37 -1.00 -0.01	22.81 -0.83 -0.02	22.07 -0.75 -0.04	19.13 -0.65 -0.09	18.10 -0.67 -0.08	18.21 -0.66 -0.08	18.42 -0.63 -0.09	18.37 -0.68 -0.10	21.84 -0.93 -0.05	22.62 -0.99 -0.05	22.76 -1.07 -0.06	22.62 -1.06 -0.10	22.64 -1.13 -0.15	22.63 -1.13 -0.19	22.79 -1.14 -0.20	21.13 -1.07 -0.28	22.68 -1.08 -0.33	24.08 -1.06 -0.43	24.93 -1.02 -0.47	25.12 -0.82 -0.37	24.98 -0.74 -0.35	25.63 -0.76 -0.16	23.48 -0.75 -0.13	25.40 -0.87 -0.03
LYONS_FALL_HYD 23570	26.56 0.19 -0.02	23.81 0.17 -0.03	22.97 0.14 -0.05	19.95 0.14 -0.12	18.93 0.13 -0.10	19.03 0.13 -0.10	19.22 0.15 -0.12	19.16 0.08 -0.13	22.80 0.02 -0.06	23.63 0.00 -0.07	23.80 -0.05 -0.08	23.64 -0.07 -0.13	23.70 -0.12 -0.19	23.63 -0.19 -0.24	23.80 -0.19 -0.26	22.15 -0.13 -0.36	23.76 -0.09 -0.43	25.27 0.00 -0.56	26.15 0.08 -0.59	26.35 0.31 -0.47	26.09 0.28 -0.45	26.75 0.32 -0.21	24.50 0.24 -0.17	26.48 0.21 -0.03
MADISON__COUNTY_LFGE 323628	27.18 0.79 -0.03	24.33 0.66 -0.06	23.47 0.59 -0.09	20.44 0.53 -0.21	19.41 0.52 -0.19	19.50 0.53 -0.18	19.72 0.55 -0.21	19.67 0.47 -0.24	23.38 0.55 -0.11	24.27 0.59 -0.12	24.48 0.57 -0.15	24.31 0.50 -0.24	24.45 0.47 -0.35	24.42 0.40 -0.44	24.61 0.40 -0.47	22.98 0.39 -0.67	24.66 0.45 -0.79	26.33 0.59 -1.03	27.20 0.64 -1.09	27.16 0.72 -0.87	26.85 0.66 -0.83	27.32 0.71 -0.39	25.03 0.63 -0.31	26.93 0.63 -0.06
MALONE__115KV_TB1 356076	24.99 -1.37 0.00	22.57 -1.04 0.00	21.89 -0.89 0.00	18.91 -0.79 0.00	17.89 -0.80 0.00	18.01 -0.79 0.00	18.27 -0.68 0.00	18.27 -0.68 0.00	21.79 -0.93 0.00	22.52 -1.04 0.00	22.67 -1.09 0.00	22.52 -1.06 0.00	22.44 -1.18 0.00	22.54 -1.04 0.00	22.76 -0.97 0.00	20.91 -1.01 0.00	22.49 -0.94 0.00	23.72 -0.99 0.00	24.46 -1.02 0.00	24.60 -0.97 0.00	24.62 -0.74 0.00	25.38 -0.84 0.00	23.32 -0.77 0.00	25.35 -0.89 0.00
MAPLEWOD_115KV_TB3 80458	28.27 1.05 -0.85	26.00 0.99 -1.40	26.11 1.03 -2.31	25.86 0.93 -5.24	24.16 0.88 -4.58	24.13 0.88 -4.45	25.04 0.87 -5.21	25.71 0.80 -5.96	26.36 0.98 -2.66	27.58 1.04 -2.99	28.39 1.05 -3.58	30.40 0.99 -5.84	33.28 0.99 -8.66	35.30 0.97 -10.76	36.29 0.97 -11.59	39.10 0.90 -16.28	43.68 0.96 -19.29	50.90 1.06 -25.13	52.75 1.07 -26.20	47.92 1.07 -21.28	46.80 1.09 -20.35	36.84 1.15 -9.47	32.77 1.04 -7.64	28.88 1.08 -1.57
MAPLE_RIDGE_WT_1 323574	25.62 -0.74 0.00	23.00 -0.61 0.00	22.23 -0.55 0.00	19.22 -0.47 0.00	18.25 -0.45 0.00	18.34 -0.45 0.00	18.50 -0.46 0.00	18.48 -0.47 0.00	22.16 -0.57 0.00	22.95 -0.61 0.00	23.15 -0.62 0.00	22.96 -0.61 0.00	22.99 -0.64 0.00	22.94 -0.64 0.00	23.09 -0.64 0.00	21.28 -0.64 0.00	22.77 -0.66 0.00	24.04 -0.67 0.00	24.84 -0.64 0.00	25.01 -0.56 0.00	24.88 -0.48 0.00	25.75 -0.47 0.00	23.68 -0.41 0.00	25.79 -0.45 0.00
MAPLE_RIDGE_WT_2 323611	25.62 -0.74 0.00	23.00 -0.61 0.00	22.23 -0.55 0.00	19.22 -0.47 0.00	18.25 -0.45 0.00	18.34 -0.45 0.00	18.50 -0.46 0.00	18.48 -0.47 0.00	22.16 -0.57 0.00	22.95 -0.61 0.00	23.15 -0.62 0.00	22.96 -0.61 0.00	22.99 -0.64 0.00	22.94 -0.64 0.00	23.09 -0.64 0.00	21.28 -0.64 0.00	22.77 -0.66 0.00	24.04 -0.67 0.00	24.84 -0.64 0.00	25.01 -0.56 0.00	24.88 -0.48 0.00	25.75 -0.47 0.00	23.68 -0.41 0.00	25.79 -0.45 0.00
MARBLE_RIVER_WT_PWR 323696	24.91 -1.45 0.00	22.48 -1.13 0.00	21.80 -0.98 0.00	18.87 -0.83 0.00	17.86 -0.84 0.00	17.99 -0.81 0.00	18.23 -0.72 0.00	18.21 -0.74 0.00	21.72 -1.00 0.00	22.52 -1.04 0.00	22.70 -1.07 0.00	22.42 -1.15 0.00	22.37 -1.25 0.00	22.47 -1.11 0.00	22.71 -1.02 0.00	20.80 -1.12 0.00	22.37 -1.05 0.00	23.70 -1.01 0.00	24.48 -0.99 0.00	24.57 -1.00 0.00	24.52 -0.84 0.00	25.38 -0.84 0.00	23.37 -0.72 0.00	25.40 -0.84 0.00
MARSHVLE_115KV_TB1 80742	29.51 2.16 -0.99	27.10 1.87 -1.63	27.09 1.62 -2.69	27.22 1.42 -6.11	25.40 1.36 -5.34	25.31 1.33 -5.18	26.32 1.29 -6.07	27.07 1.17 -6.95	27.20 1.39 -3.09	28.36 1.32 -3.48	29.34 1.40 -4.17	31.65 1.27 -6.80	35.08 1.37 -10.09	37.31 1.20 -12.53	38.49 1.26 -13.50	42.11 1.23 -18.96	47.07 1.17 -22.47	55.57 1.58 -29.28	58.02 2.01 -30.53	52.56 2.20 -24.79	51.22 2.16 -23.70	39.45 2.20 -11.03	34.99 2.00 -8.90	30.03 1.97 -1.82
MARSH_HILL_WT_PWR 323713	25.67 -0.82 -0.13	23.04 -0.78 -0.21	22.23 -0.89 -0.34	19.76 -0.71 -0.78	18.72 -0.65 -0.68	18.80 -0.66 -0.66	19.08 -0.64 -0.77	19.13 -0.70 -0.89	22.16 -0.95 -0.39	23.09 -0.92 -0.44	23.20 -1.09 -0.53	23.29 -1.15 -0.87	23.80 -1.11 -1.29	23.97 -1.20 -1.60	24.22 -1.23 -1.72	23.28 -1.05 -2.42	25.12 -1.17 -2.86	27.11 -1.33 -3.73	27.98 -1.40 -3.90	27.37 -1.36 -3.16	27.01 -1.37 -3.02	26.19 -1.44 -1.41	23.93 -1.30 -1.13	25.35 -1.13 -0.23
MCINTYRE_115KV_TB2 80467	25.51 -0.84 0.00	23.00 -0.61 0.00	22.28 -0.50 0.00	19.24 -0.45 0.00	18.19 -0.50 0.00	18.33 -0.47 0.00	18.54 -0.42 0.00	18.51 -0.44 0.00	22.06 -0.66 0.00	22.78 -0.78 0.00	22.89 -0.88 0.00	22.77 -0.80 0.00	22.72 -0.90 0.00	22.77 -0.80 0.00	22.92 -0.81 0.00	21.08 -0.83 0.00	22.68 -0.75 0.00	23.87 -0.84 0.00	24.64 -0.84 0.00	24.85 -0.72 0.00	24.83 -0.53 0.00	25.62 -0.60 0.00	23.49 -0.60 0.00	25.51 -0.73 0.00
MECO____69_KV_BK1 80468	30.38 3.06 -0.96	27.88 2.69 -1.57	27.69 2.30 -2.61	27.68 2.07 -5.92	25.83 1.96 -5.17	25.77 1.95 -5.02	26.81 1.97 -5.89	27.59 1.91 -6.73	28.24 2.52 -3.00	29.50 2.57 -3.37	30.42 2.61 -4.04	32.54 2.38 -6.59	35.83 2.43 -9.78	37.96 2.24 -12.14	39.11 2.30 -13.08	42.53 2.24 -18.37	47.54 2.34 -21.77	55.99 2.92 -28.36	58.24 3.18 -29.58	52.83 3.25 -24.01	51.52 3.20 -22.96	40.16 3.25 -10.68	35.54 2.82 -8.62	30.79 2.78 -1.77
MENANDS__115KV_TB5 355628	28.11 0.90 -0.85	25.88 0.87 -1.39	26.06 0.98 -2.31	25.79 0.87 -5.23	24.09 0.82 -4.57	24.06 0.83 -4.44	24.97 0.82 -5.20	25.62 0.72 -5.95	26.24 0.86 -2.65	27.46 0.92 -2.98	28.29 0.95 -3.57	30.27 0.87 -5.82	33.14 0.87 -8.64	35.16 0.85 -10.73	36.15 0.85 -11.56	38.95 0.79 -16.24	43.52 0.84 -19.25	50.70 0.91 -25.08	52.57 0.94 -26.15	47.75 0.95 -21.23	46.60 0.94 -20.30	36.67 1.00 -9.45	32.61 0.89 -7.62	28.75 0.94 -1.56
MG INDUSTRY__DRP 24185	28.11 0.92 -0.83	25.84 0.87 -1.36	25.96 0.93 -2.25	25.63 0.83 -5.11	23.96 0.80 -4.46	23.93 0.81 -4.33	24.81 0.78 -5.08	25.44 0.68 -5.81	26.10 0.80 -2.59	27.27 0.80 -2.91	28.03 0.78 -3.49	29.97 0.71 -5.68	32.74 0.69 -8.43	34.71 0.66 -10.48	35.70 0.69 -11.28	38.43 0.66 -15.85	42.91 0.70 -18.78	50.00 0.82 -24.47	51.83 0.84 -25.52	47.16 0.87 -20.72	46.06 0.89 -19.81	36.39 0.94 -9.22	32.35 0.82 -7.44	28.66 0.89 -1.53

MID___OSWEGATCHIE_HYD 23849	25.37 -1.00 -0.01	22.81 -0.83 -0.02	22.07 -0.75 -0.04	19.13 -0.65 -0.09	18.10 -0.67 -0.08	18.21 -0.66 -0.08	18.42 -0.63 -0.09	18.37 -0.68 -0.10	21.84 -0.93 -0.05	22.62 -0.99 -0.05	22.76 -1.07 -0.06	22.62 -1.06 -0.10	22.64 -1.13 -0.15	22.63 -1.13 -0.19	22.79 -1.14 -0.20	21.13 -1.07 -0.28	22.68 -1.08 -0.33	24.08 -1.06 -0.43	24.93 -1.02 -0.47	25.12 -0.82 -0.37	24.98 -0.74 -0.35	25.63 -0.76 -0.16	23.48 -0.75 -0.13	25.40 -0.87 -0.03
MID___RAQUETTE_HYD 23851	24.96 -1.40 0.00	22.50 -1.11 0.00	21.80 -0.98 0.00	18.83 -0.87 0.00	17.80 -0.90 0.00	17.91 -0.88 0.00	18.14 -0.82 0.00	18.13 -0.81 0.00	21.63 -1.09 0.00	22.38 -1.18 0.00	22.51 -1.26 0.00	22.37 -1.20 0.00	22.32 -1.30 0.00	22.37 -1.20 0.00	22.52 -1.21 0.00	20.73 -1.18 0.00	22.26 -1.17 0.00	23.42 -1.28 0.00	24.19 -1.30 -0.01	24.37 -1.20 0.00	24.32 -1.04 0.00	25.10 -1.13 0.00	23.03 -1.06 0.00	25.03 -1.21 0.00
MILLIKEN___1 23584	27.07 0.58 -0.13	24.27 0.45 -0.21	23.49 0.36 -0.35	20.81 0.33 -0.78	19.74 0.36 -0.69	19.82 0.36 -0.67	20.09 0.36 -0.78	20.16 0.32 -0.89	23.44 0.32 -0.40	24.43 0.42 -0.45	24.68 0.38 -0.54	24.71 0.26 -0.87	25.18 0.26 -1.30	25.40 0.21 -1.61	25.68 0.21 -1.73	24.59 0.24 -2.44	26.55 0.23 -2.89	28.91 0.44 -3.76	29.94 0.51 -3.95	29.29 0.54 -3.18	28.89 0.48 -3.04	28.14 0.50 -1.42	25.67 0.43 -1.14	26.89 0.42 -0.23
MILLIKEN___2 23585	27.07 0.58 -0.13	24.27 0.45 -0.21	23.49 0.36 -0.35	20.81 0.33 -0.78	19.74 0.36 -0.69	19.82 0.36 -0.67	20.09 0.36 -0.78	20.16 0.32 -0.89	23.44 0.32 -0.40	24.43 0.42 -0.45	24.68 0.38 -0.54	24.71 0.26 -0.87	25.18 0.26 -1.30	25.40 0.21 -1.61	25.68 0.21 -1.73	24.59 0.24 -2.44	26.55 0.23 -2.89	28.91 0.44 -3.76	29.94 0.51 -3.95	29.29 0.54 -3.18	28.89 0.48 -3.04	28.14 0.50 -1.42	25.67 0.43 -1.14	26.89 0.42 -0.23
MILLIKEN___DIESEL 23629	27.07 0.58 -0.13	24.27 0.45 -0.21	23.49 0.36 -0.35	20.81 0.33 -0.78	19.74 0.36 -0.69	19.82 0.36 -0.67	20.09 0.36 -0.78	20.16 0.32 -0.89	23.44 0.32 -0.40	24.43 0.42 -0.45	24.68 0.38 -0.54	24.71 0.26 -0.87	25.18 0.26 -1.30	25.40 0.21 -1.61	25.68 0.21 -1.73	24.59 0.24 -2.44	26.55 0.23 -2.89	28.91 0.44 -3.76	29.94 0.51 -3.95	29.29 0.54 -3.18	28.89 0.48 -3.04	28.14 0.50 -1.42	25.67 0.43 -1.14	26.89 0.42 -0.23
MILLSEAT___LFGE 323607	25.44 -1.00 -0.09	22.73 -1.01 -0.14	21.89 -1.12 -0.23	19.33 -0.89 -0.52	18.43 -0.73 -0.46	18.53 -0.71 -0.44	18.60 -0.87 -0.52	18.48 -1.06 -0.60	21.56 -1.43 -0.27	22.52 -1.34 -0.30	22.55 -1.57 -0.36	22.63 -1.53 -0.58	23.07 -1.42 -0.87	23.03 -1.63 -1.08	23.27 -1.61 -1.16	22.17 -1.38 -1.63	23.93 -1.43 -1.93	25.62 -1.61 -2.51	26.39 -1.71 -2.62	25.93 -1.76 -2.13	25.67 -1.73 -2.03	25.47 -1.70 -0.95	23.22 -1.64 -0.76	25.03 -1.37 -0.16
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.99 1.98 -0.66	26.38 1.70 -1.07	26.08 1.53 -1.78	24.99 1.26 -4.03	23.42 1.20 -3.52	23.42 1.20 -3.42	24.20 1.23 -4.01	24.82 1.29 -4.58	26.49 1.73 -2.04	27.69 1.84 -2.30	28.54 2.02 -2.75	30.19 2.12 -4.49	32.50 2.22 -6.66	34.09 2.24 -8.27	38.78 2.30 -12.75	41.69 2.17 -17.61	52.77 2.32 -27.02	52.03 2.47 -24.84	48.17 2.55 -20.15	44.41 2.48 -16.36	43.36 2.36 -15.64	35.84 2.33 -7.28	32.06 2.10 -5.87	29.68 2.23 -1.20
MILLWOOD_13_KV_LOAD 356217	29.10 2.08 -0.66	26.45 1.77 -1.07	26.15 1.59 -1.78	25.05 1.32 -4.03	23.47 1.25 -3.52	23.49 1.28 -3.42	24.25 1.29 -4.01	24.88 1.35 -4.58	26.58 1.82 -2.04	27.79 1.93 -2.30	28.63 2.12 -2.75	30.30 2.24 -4.49	32.62 2.34 -6.66	34.23 2.38 -8.27	38.94 2.47 -12.75	41.87 2.35 -17.61	52.93 2.48 -27.02	52.22 2.67 -24.84	48.32 2.70 -20.15	44.59 2.66 -16.36	43.51 2.51 -15.64	35.97 2.47 -7.28	32.18 2.22 -5.87	29.78 2.34 -1.20
MODEL_CITY_ENERGY 24167	24.66 -1.79 -0.09	22.06 -1.70 -0.15	21.25 -1.78 -0.24	18.81 -1.44 -0.55	17.93 -1.25 -0.48	18.01 -1.26 -0.47	18.08 -1.42 -0.55	17.93 -1.65 -0.63	20.89 -2.11 -0.28	21.83 -2.05 -0.32	21.88 -2.26 -0.38	21.95 -2.24 -0.62	22.41 -2.13 -0.91	22.40 -2.31 -1.14	22.65 -2.30 -1.22	21.66 -1.97 -1.72	23.36 -2.11 -2.04	25.02 -2.35 -2.65	25.72 -2.52 -2.77	25.21 -2.61 -2.25	24.95 -2.56 -2.15	24.63 -2.60 -1.00	22.56 -2.34 -0.81	24.33 -2.07 -0.17
MODERN_LFGE___ 323580	24.66 -1.79 -0.09	22.06 -1.70 -0.15	21.25 -1.78 -0.24	18.81 -1.44 -0.55	17.93 -1.25 -0.48	18.01 -1.26 -0.47	18.08 -1.42 -0.55	17.93 -1.65 -0.63	20.89 -2.11 -0.28	21.83 -2.05 -0.32	21.88 -2.26 -0.38	21.95 -2.24 -0.62	22.41 -2.13 -0.91	22.40 -2.31 -1.14	22.65 -2.30 -1.22	21.66 -1.97 -1.72	23.36 -2.11 -2.04	25.02 -2.35 -2.65	25.72 -2.52 -2.77	25.21 -2.61 -2.25	24.95 -2.56 -2.15	24.63 -2.60 -1.00	22.56 -2.34 -0.81	24.33 -2.07 -0.17
MOHAWK_PAPER___DRP 24187	28.27 1.05 -0.85	26.00 0.99 -1.40	26.11 1.03 -2.31	25.86 0.93 -5.24	24.16 0.88 -4.58	24.13 0.88 -4.45	25.04 0.87 -5.21	25.71 0.80 -5.96	26.36 0.98 -2.66	27.58 1.04 -2.99	28.39 1.05 -3.58	30.40 0.99 -5.84	33.28 0.99 -8.66	35.30 0.97 -10.76	36.29 0.97 -11.59	39.10 0.90 -16.28	43.68 0.96 -19.29	50.90 1.06 -25.13	52.75 1.07 -26.20	47.92 1.07 -21.28	46.80 1.09 -20.35	36.84 1.15 -9.47	32.77 1.04 -7.64	28.88 1.08 -1.57
MOHICAN___35_KV_115KV_LD 80490	29.26 2.03 -0.88	26.88 1.84 -1.43	26.75 1.59 -2.37	26.52 1.44 -5.39	24.79 1.38 -4.70	24.73 1.37 -4.57	25.69 1.38 -5.36	26.42 1.35 -6.12	27.29 1.84 -2.73	28.61 1.98 -3.07	29.29 1.85 -3.68	31.39 1.82 -5.99	34.17 1.65 -8.90	36.16 1.53 -11.05	36.72 1.09 -11.90	39.67 1.03 -16.72	44.27 1.03 -19.81	51.71 1.19 -25.81	53.79 1.40 -26.91	48.88 1.46 -21.85	47.83 1.57 -20.90	37.62 1.68 -9.72	33.82 1.88 -7.85	29.74 1.89 -1.61
MONGAUP___HYD 23641	28.68 1.74 -0.59	26.06 1.49 -0.96	25.69 1.32 -1.59	24.40 1.10 -3.61	22.88 1.03 -3.15	22.90 1.05 -3.06	23.56 1.02 -3.59	24.00 0.95 -4.10	25.82 1.27 -1.83	26.93 1.32 -2.05	27.48 1.26 -2.46	28.81 1.23 -4.01	30.90 1.32 -5.96	32.32 1.34 -7.40	33.07 1.38 -7.97	34.58 1.47 -11.19	38.49 1.80 -13.26	43.92 1.93 -17.28	45.51 2.01 -18.02	42.17 1.97 -14.63	41.27 1.93 -13.99	34.62 1.89 -6.51	31.01 1.66 -5.25	29.08 1.76 -1.08
MONTAUK___DIESEL 23721	36.02 2.77 -6.89	35.02 2.31 -9.10	34.41 2.07 -9.56	31.51 1.71 -10.10	29.35 1.63 -9.03	32.14 1.65 -11.69	25.61 1.65 -5.01	27.88 1.74 -7.18	33.25 2.32 -8.21	35.26 2.57 -9.13	40.02 3.14 -13.12	42.95 3.42 -15.95	45.16 3.52 -18.02	60.71 3.58 -33.55	66.50 3.63 -39.14	71.40 3.42 -46.07	78.92 3.70 -51.79	99.13 3.93 -70.49	66.96 4.05 -37.43	59.29 4.01 -29.71	51.36 3.85 -22.14	53.72 3.96 -23.54	40.25 3.59 -12.57	38.97 3.75 -8.98
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.75 -1.71 -0.10	22.18 -1.61 -0.17	21.38 -1.69 -0.28	19.04 -1.30 -0.64	18.19 -1.07 -0.56	18.31 -1.03 -0.55	18.46 -1.14 -0.64	18.47 -1.21 -0.73	21.41 -1.64 -0.33	22.49 -1.44 -0.37	22.68 -1.52 -0.44	22.48 -1.82 -0.72	22.98 -1.70 -1.06	22.94 -1.96 -1.32	23.23 -1.92 -1.42	22.45 -1.47 -2.00	24.01 -1.78 -2.37	26.38 -1.41 -3.08	27.36 -1.32 -3.21	26.77 -1.41 -2.61	26.33 -1.52 -2.50	26.05 -1.34 -1.16	23.71 -1.33 -0.94	24.88 -1.55 -0.19

MORTIMER_115KV_TB3 55949	25.93 -0.50 -0.07	23.19 -0.54 -0.12	22.36 -0.62 -0.20	19.63 -0.51 -0.45	18.70 -0.39 -0.39	18.78 -0.39 -0.38	18.90 -0.49 -0.44	18.85 -0.61 -0.51	22.13 -0.82 -0.23	23.18 -0.64 -0.25	23.38 -0.69 -0.30	23.27 -0.80 -0.50	23.65 -0.71 -0.74	23.59 -0.90 -0.91	23.84 -0.88 -0.98	22.64 -0.66 -1.38	24.29 -0.77 -1.64	26.43 -0.42 -2.14	27.27 -0.43 -2.23	26.87 -0.51 -1.81	26.53 -0.56 -1.73	26.56 -0.47 -0.80	24.07 -0.67 -0.65	25.59 -0.79 -0.13
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.26 2.24 -0.66	26.60 1.91 -1.08	26.28 1.71 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.58 1.33 -3.45	24.38 1.38 -4.04	25.03 1.46 -4.62	26.71 1.93 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.48 2.38 -4.52	32.84 2.50 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	42.01 2.39 -17.71	53.12 2.55 -27.14	52.45 2.74 -25.00	48.61 2.83 -20.31	44.82 2.76 -16.49	43.74 2.61 -15.77	36.16 2.60 -7.34	32.37 2.36 -5.92	29.95 2.49 -1.21
MUNSVILLE_WIND_PWR 323609	28.40 1.84 -0.19	25.51 1.58 -0.32	24.74 1.44 -0.52	22.22 1.34 -1.19	21.06 1.33 -1.04	21.19 1.39 -1.00	21.65 1.52 -1.18	21.66 1.37 -1.35	24.82 1.50 -0.60	25.72 1.49 -0.67	25.95 1.38 -0.81	26.12 1.23 -1.32	26.71 1.13 -1.96	26.97 0.97 -2.43	27.30 0.95 -2.62	26.56 0.96 -3.68	28.91 1.12 -4.36	31.75 1.36 -5.68	32.89 1.48 -5.94	32.04 1.66 -4.81	31.53 1.57 -4.60	30.04 1.68 -2.14	27.31 1.49 -1.73	28.17 1.57 -0.35
N SALMON___HYD 24042	24.99 -1.37 0.00	22.57 -1.04 0.00	21.89 -0.89 0.00	18.91 -0.79 0.00	17.90 -0.80 0.00	18.01 -0.79 0.00	18.27 -0.68 0.00	18.27 -0.68 0.00	21.79 -0.93 0.00	22.62 -0.94 0.00	22.79 -0.98 0.00	22.52 -1.06 0.00	22.44 -1.18 0.00	22.54 -1.04 0.00	22.75 -0.97 0.00	20.80 -1.12 0.00	22.37 -1.05 0.00	23.70 -1.01 0.00	24.48 -0.99 0.00	24.60 -0.97 0.00	24.57 -0.79 0.00	25.41 -0.81 0.00	23.35 -0.75 0.00	25.35 -0.89 0.00
N.AKRON___115KV_KNAPP 355671	25.44 -1.00 -0.09	22.73 -1.02 -0.14	21.90 -1.12 -0.23	19.32 -0.91 -0.53	18.43 -0.73 -0.46	18.51 -0.73 -0.45	18.61 -0.87 -0.53	18.49 -1.06 -0.60	21.56 -1.43 -0.27	22.61 -1.25 -0.30	22.79 -1.33 -0.36	22.63 -1.53 -0.59	23.08 -1.42 -0.87	23.01 -1.65 -1.08	23.31 -1.59 -1.17	22.37 -1.18 -1.64	23.99 -1.38 -1.94	26.30 -0.94 -2.53	27.22 -0.89 -2.64	26.69 -1.02 -2.14	26.32 -1.09 -2.05	26.21 -0.97 -0.95	23.68 -1.18 -0.77	25.03 -1.36 -0.16
N.BELMOR_69_KV_BK1 55787	35.86 2.61 -6.89	34.95 2.24 -9.10	34.36 2.03 -9.56	31.49 1.69 -10.10	29.34 1.61 -9.03	32.11 1.62 -11.69	25.61 1.65 -5.01	27.86 1.72 -7.18	33.19 2.25 -8.21	35.09 2.40 -9.13	39.50 2.61 -13.12	45.57 2.69 -19.30	49.11 2.81 -22.68	61.32 2.87 -34.94	67.41 2.87 -40.81	72.56 2.70 -47.95	79.63 2.88 -53.32	69.87 3.09 -42.07	66.93 3.16 -38.30	50.77 3.09 -22.11	50.82 3.02 -22.45	53.30 3.07 -24.01	39.41 2.75 -12.57	38.10 2.89 -8.98
N.E_GEN_SANDY PD 24062	28.49 1.37 -0.76	26.06 1.20 -1.25	25.99 1.14 -2.07	25.40 1.00 -4.70	23.78 0.97 -4.11	23.76 0.98 -3.99	24.60 0.97 -4.68	25.30 1.00 -5.35	26.40 1.29 -2.38	27.58 1.34 -2.68	28.35 1.38 -3.21	30.20 1.39 -5.23	32.78 1.39 -7.77	34.59 1.37 -9.65	35.37 1.40 -10.24	38.00 1.34 -14.75	42.15 1.43 -17.29	48.75 1.51 -22.53	50.50 1.53 -23.49	46.15 1.51 -19.08	45.12 1.52 -18.24	36.31 1.60 -8.49	32.44 1.49 -6.85	29.17 1.52 -1.40
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.94 1.95 -0.63	26.29 1.65 -1.03	25.97 1.48 -1.71	24.79 1.22 -3.88	23.24 1.16 -3.39	23.25 1.17 -3.29	24.00 1.19 -3.85	24.59 1.23 -4.41	26.34 1.66 -1.96	27.53 1.77 -2.21	28.36 1.95 -2.65	29.96 2.07 -4.31	32.20 2.17 -6.40	33.72 2.19 -7.95	34.55 2.25 -8.56	36.08 2.13 -12.03	39.96 2.27 -14.26	45.73 2.45 -18.57	47.34 2.50 -19.37	43.72 2.43 -15.73	42.68 2.28 -15.04	35.48 2.26 -7.00	31.79 2.05 -5.65	29.58 2.18 -1.16
N.QUEENS_27_KV_LOAD 356247	29.29 2.27 -0.66	26.56 1.87 -1.08	26.19 1.62 -1.79	25.14 1.38 -4.06	23.46 1.22 -3.55	23.48 1.24 -3.45	24.32 1.33 -4.04	24.99 1.42 -4.62	26.69 1.91 -2.06	27.90 2.03 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	41.99 2.37 -17.71	53.14 2.58 -27.14	52.45 2.74 -25.00	48.58 2.80 -20.31	44.79 2.74 -16.49	43.71 2.59 -15.77	36.18 2.62 -7.34	32.35 2.34 -5.92	29.87 2.41 -1.21
N.TROY___115KV_TB1 355778	28.43 1.21 -0.86	26.12 1.11 -1.40	26.15 1.05 -2.33	25.90 0.93 -5.28	24.21 0.90 -4.61	24.18 0.90 -4.48	25.10 0.89 -5.25	25.83 0.87 -6.00	26.53 1.14 -2.67	27.77 1.20 -3.01	28.56 1.19 -3.61	30.61 1.16 -5.88	33.45 1.11 -8.72	35.49 1.08 -10.83	36.44 1.04 -11.67	39.28 0.96 -16.39	43.86 1.01 -19.42	51.13 1.11 -25.31	53.04 1.17 -26.39	48.17 1.18 -21.43	47.07 1.22 -20.49	37.07 1.31 -9.53	33.02 1.23 -7.69	29.08 1.26 -1.58
NARROWS_GT1_1 24228	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT1_2 24229	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT1_3 24230	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT1_4 24231	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT1_5 24232	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21

NARROWS_GT1_6 24233	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT1_7 24234	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT1_8 24235	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT2_1 24236	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT2_2 24237	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT2_3 24238	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT2_4 24239	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT2_5 24240	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT2_6 24241	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT2_7 24242	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NARROWS_GT2_8 24243	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.30 -2.77	30.73 2.57 -4.58	46.04 2.72 -19.70	34.67 2.76 -8.34	39.40 2.80 -12.87	42.12 2.50 -17.71	53.33 2.76 -27.14	52.60 2.89 -25.00	48.74 2.95 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.42 2.81 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.23 1.08 -0.79	25.97 1.06 -1.30	26.09 1.16 -2.15	25.62 1.04 -4.89	23.94 0.97 -4.27	23.93 1.00 -4.14	24.74 0.93 -4.86	25.19 0.68 -5.56	26.02 0.82 -2.48	27.14 0.80 -2.78	27.91 0.81 -3.34	29.70 0.68 -5.44	32.40 0.71 -8.07	34.28 0.68 -10.02	35.19 0.66 -10.80	37.72 0.64 -15.17	42.22 0.82 -17.97	49.09 0.96 -23.42	50.94 1.04 -24.42	46.47 1.07 -19.83	45.41 1.09 -18.96	36.09 1.05 -8.82	32.10 0.89 -7.12	28.59 0.89 -1.46
NCHELSEA_115KV_TR2 355582	29.02 2.00 -0.66	26.42 1.72 -1.08	26.12 1.55 -1.79	25.05 1.28 -4.07	23.47 1.22 -3.56	23.49 1.24 -3.45	24.24 1.23 -4.05	24.79 1.21 -4.63	26.42 1.64 -2.06	27.62 1.74 -2.32	28.49 1.95 -2.78	30.14 2.03 -4.53	32.50 2.15 -6.73	34.10 2.17 -8.35	34.96 2.23 -9.00	36.66 2.10 -12.64	40.73 2.32 -14.98	46.67 2.45 -19.52	48.35 2.52 -20.35	44.55 2.45 -16.52	43.49 2.33 -15.80	35.83 2.26 -7.35	32.05 2.02 -5.93	29.58 2.13 -1.22
NEG CAPITAL___MECHNVIL 23645	28.86 1.63 -0.87	26.50 1.46 -1.42	26.46 1.32 -2.36	26.21 1.16 -5.35	24.49 1.12 -4.67	24.46 1.13 -4.54	25.39 1.12 -5.32	26.13 1.10 -6.08	26.91 1.48 -2.71	28.16 1.55 -3.05	28.94 1.52 -3.65	31.06 1.53 -5.95	33.92 1.47 -8.84	35.94 1.39 -10.98	36.83 1.28 -11.82	39.75 1.23 -16.61	44.39 1.29 -19.68	51.76 1.41 -25.64	53.69 1.48 -26.74	48.79 1.51 -21.71	47.66 1.55 -20.76	37.48 1.60 -9.66	33.45 1.57 -7.80	29.41 1.57 -1.60
NEG CENTRAL_HIGH_ACRES 23767	25.69 -0.74 -0.07	22.95 -0.78 -0.11	22.15 -0.82 -0.19	19.43 -0.69 -0.43	18.48 -0.60 -0.38	18.58 -0.58 -0.37	18.72 -0.66 -0.43	18.72 -0.72 -0.49	22.01 -0.93 -0.22	22.93 -0.87 -0.25	23.08 -0.98 -0.29	23.11 -0.94 -0.48	23.46 -0.87 -0.71	23.45 -1.01 -0.88	23.66 -1.02 -0.95	22.33 -0.92 -1.34	24.07 -0.94 -1.58	25.74 -1.04 -2.06	26.53 -1.09 -2.15	26.17 -1.15 -1.75	25.86 -1.17 -1.67	25.85 -1.15 -0.78	23.61 -1.11 -0.63	25.32 -1.05 -0.13

NEG CENTRAL___DRP 24199	26.41 -0.03 -0.08	23.62 -0.12 -0.12	22.80 -0.18 -0.21	20.02 -0.14 -0.47	19.01 -0.09 -0.41	19.10 -0.09 -0.40	19.31 -0.11 -0.47	19.33 -0.15 -0.53	22.71 -0.25 -0.24	23.71 -0.12 -0.27	23.92 -0.17 -0.32	23.82 -0.28 -0.52	24.16 -0.24 -0.77	24.23 -0.31 -0.96	24.43 -0.33 -1.04	23.13 -0.24 -1.46	24.85 -0.30 -1.72	26.88 -0.07 -2.25	27.82 -0.03 -2.37	27.39 -0.08 -1.90	27.05 -0.13 -1.82	26.97 -0.10 -0.85	24.61 -0.17 -0.68	26.14 -0.24 -0.14
NEG CENTRAL___INDECK 23768	26.54 0.08 -0.10	23.73 -0.05 -0.17	22.90 -0.16 -0.28	20.22 -0.12 -0.64	19.24 -0.02 -0.56	19.34 0.00 -0.54	19.46 -0.13 -0.64	19.32 -0.36 -0.73	22.28 -0.77 -0.33	23.13 -0.80 -0.37	23.13 -1.07 -0.44	23.23 -1.06 -0.71	23.69 -0.99 -1.06	23.83 -1.06 -1.32	24.10 -1.04 -1.42	23.06 -0.86 -1.99	24.95 -0.84 -2.36	26.99 -0.79 -3.08	28.05 -0.64 -3.21	27.69 -0.49 -2.60	27.44 -0.41 -2.49	27.04 -0.34 -1.16	24.60 -0.43 -0.94	26.17 -0.26 -0.19
NEG CENTRAL___SENECA 23627	26.34 -0.11 -0.08	23.53 -0.21 -0.14	22.71 -0.30 -0.23	20.00 -0.22 -0.52	19.00 -0.15 -0.45	19.08 -0.15 -0.44	19.30 -0.17 -0.52	19.33 -0.21 -0.59	22.64 -0.34 -0.26	23.64 -0.21 -0.29	23.86 -0.26 -0.35	23.75 -0.40 -0.58	24.15 -0.33 -0.86	24.19 -0.45 -1.06	24.42 -0.45 -1.14	23.22 -0.31 -1.61	24.96 -0.37 -1.91	27.12 -0.07 -2.48	28.05 -0.03 -2.60	27.59 -0.08 -2.10	27.24 -0.13 -2.01	27.05 -0.10 -0.93	24.63 -0.22 -0.75	26.08 -0.31 -0.15
NEG CENTRAL___STATE_STREET 24147	26.62 0.18 -0.08	23.83 0.09 -0.12	23.01 0.02 -0.21	20.18 0.02 -0.47	19.16 0.06 -0.41	19.25 0.06 -0.40	19.46 0.04 -0.47	19.52 0.04 -0.53	22.96 0.00 -0.24	23.97 0.14 -0.27	24.20 0.12 -0.32	24.12 0.02 -0.52	24.44 0.05 -0.77	24.54 0.00 -0.96	24.76 0.00 -1.03	23.37 0.00 -1.45	25.10 -0.05 -1.72	27.08 0.12 -2.24	28.01 0.15 -2.38	27.60 0.13 -1.90	27.28 0.10 -1.82	27.17 0.10 -0.85	24.82 0.05 -0.68	26.41 0.03 -0.14
NEG MILLWOOD___DRP 24198	29.22 2.19 -0.67	26.59 1.89 -1.10	26.28 1.69 -1.82	25.21 1.40 -4.12	23.61 1.31 -3.60	23.64 1.35 -3.49	24.38 1.33 -4.10	25.00 1.36 -4.69	26.70 1.89 -2.09	27.91 2.00 -2.35	28.84 2.26 -2.81	30.52 2.36 -4.59	32.93 2.50 -6.81	34.58 2.55 -8.45	39.33 2.66 -12.94	42.39 2.59 -17.88	53.52 2.74 -27.35	52.90 2.92 -25.27	49.00 2.93 -20.59	45.15 2.86 -16.72	44.04 2.69 -15.99	36.31 2.65 -7.44	32.39 2.29 -6.00	29.89 2.41 -1.23
NEG NORTH_FLCN_SEA 23793	25.15 -1.21 0.00	22.69 -0.92 0.00	22.00 -0.77 0.00	19.02 -0.67 0.00	18.01 -0.69 0.00	18.14 -0.66 0.00	18.39 -0.57 0.00	18.38 -0.57 0.00	21.90 -0.82 0.00	22.67 -0.90 0.00	22.81 -0.95 0.00	22.63 -0.94 0.00	22.56 -1.06 0.00	22.68 -0.90 0.00	22.92 -0.81 0.00	21.04 -0.88 0.00	22.68 -0.75 0.00	23.94 -0.77 0.00	24.66 -0.82 0.00	24.78 -0.79 0.00	24.80 -0.56 0.00	25.59 -0.63 0.00	23.56 -0.53 0.00	25.61 -0.63 0.00
NEG NORTH_KES_CHATEGAY 23792	24.93 -1.42 0.00	22.50 -1.11 0.00	21.82 -0.96 0.00	18.87 -0.83 0.00	17.86 -0.84 0.00	17.99 -0.81 0.00	18.21 -0.74 0.00	18.21 -0.74 0.00	21.72 -1.00 0.00	22.43 -1.13 0.00	22.58 -1.19 0.00	22.42 -1.16 0.00	22.37 -1.25 0.00	22.47 -1.11 0.00	22.71 -1.02 0.00	20.89 -1.03 0.00	22.47 -0.96 0.00	23.70 -1.01 0.00	24.43 -1.04 0.00	24.57 -1.00 0.00	24.55 -0.81 0.00	25.36 -0.87 0.00	23.35 -0.75 0.00	25.37 -0.87 0.00
NEG NORTH___ALICE_FALLS 23915	25.07 -1.29 0.00	22.64 -0.97 0.00	21.96 -0.82 0.00	18.98 -0.71 0.00	17.95 -0.75 0.00	18.10 -0.70 0.00	18.35 -0.61 0.00	18.34 -0.61 0.00	21.86 -0.86 0.00	22.59 -0.97 0.00	22.74 -1.02 0.00	22.56 -1.01 0.00	22.51 -1.11 0.00	22.61 -0.97 0.00	22.87 -0.85 0.00	20.98 -0.94 0.00	22.61 -0.82 0.00	23.89 -0.82 0.00	24.61 -0.87 0.00	24.75 -0.82 0.00	24.78 -0.58 0.00	25.54 -0.68 0.00	23.52 -0.58 0.00	25.53 -0.71 0.00
NEG NORTH___LWR_SARANAC 23913	25.07 -1.29 0.00	22.64 -0.97 0.00	21.96 -0.82 0.00	18.98 -0.71 0.00	17.95 -0.75 0.00	18.10 -0.70 0.00	18.35 -0.61 0.00	18.34 -0.61 0.00	21.86 -0.86 0.00	22.59 -0.97 0.00	22.74 -1.02 0.00	22.56 -1.01 0.00	22.51 -1.11 0.00	22.61 -0.97 0.00	22.87 -0.85 0.00	20.98 -0.94 0.00	22.61 -0.82 0.00	23.89 -0.82 0.00	24.61 -0.87 0.00	24.75 -0.82 0.00	24.78 -0.58 0.00	25.54 -0.68 0.00	23.52 -0.58 0.00	25.53 -0.71 0.00
NEG NORTH___PLATTSBURG 23628	25.07 -1.29 0.00	22.64 -0.97 0.00	21.96 -0.82 0.00	18.99 -0.71 0.00	17.95 -0.75 0.00	18.10 -0.70 0.00	18.35 -0.61 0.00	18.34 -0.61 0.00	21.86 -0.86 0.00	22.69 -0.87 0.00	22.86 -0.90 0.00	22.56 -1.01 0.00	22.51 -1.11 0.00	22.61 -0.97 0.00	22.88 -0.85 0.00	20.89 -1.03 0.00	22.49 -0.94 0.00	23.84 -0.87 0.00	24.64 -0.84 0.00	24.73 -0.84 0.00	24.73 -0.63 0.00	25.57 -0.65 0.00	23.52 -0.58 0.00	25.53 -0.71 0.00
NEG WEST_LEA_LOCKPORT 23791	24.92 -1.53 -0.09	22.29 -1.46 -0.15	21.47 -1.55 -0.24	19.00 -1.24 -0.55	18.11 -1.07 -0.48	18.19 -1.07 -0.46	18.26 -1.23 -0.54	18.13 -1.44 -0.62	21.14 -1.86 -0.28	22.18 -1.70 -0.31	22.38 -1.76 -0.37	22.18 -2.00 -0.61	22.66 -1.87 -0.90	22.62 -2.07 -1.12	22.89 -2.04 -1.21	22.08 -1.53 -1.69	23.63 -1.80 -2.01	25.91 -1.41 -2.61	26.83 -1.38 -2.72	26.27 -1.51 -2.21	25.85 -1.62 -2.12	25.71 -1.49 -0.98	23.27 -1.61 -0.79	24.59 -1.81 -0.16
NEG WEST___LANCASTR 23811	24.33 -2.14 -0.10	21.77 -2.01 -0.17	20.99 -2.07 -0.28	18.64 -1.69 -0.64	17.78 -1.48 -0.56	17.84 -1.50 -0.54	17.96 -1.63 -0.64	17.94 -1.74 -0.73	20.82 -2.23 -0.33	21.85 -2.07 -0.37	22.06 -2.14 -0.44	21.93 -2.36 -0.71	22.49 -2.20 -1.06	22.51 -2.38 -1.32	22.82 -2.33 -1.42	22.07 -1.84 -1.99	23.61 -2.18 -2.36	25.91 -1.88 -3.08	26.82 -1.86 -3.21	26.21 -1.97 -2.60	25.75 -2.10 -2.49	25.34 -2.05 -1.16	23.01 -2.02 -0.94	24.20 -2.23 -0.19
NEG_PENN_ALLEGHNY 23528	26.82 0.26 -0.20	24.10 0.17 -0.33	23.39 0.07 -0.54	21.03 0.10 -1.23	19.91 0.13 -1.08	19.95 0.11 -1.05	20.29 0.11 -1.23	20.45 0.10 -1.40	23.44 0.09 -0.62	24.41 0.14 -0.70	24.70 0.10 -0.84	25.07 0.12 -1.37	25.80 0.14 -2.04	26.20 0.09 -2.53	26.55 0.10 -2.72	25.90 0.15 -3.83	28.13 0.17 -4.54	30.79 0.17 -5.91	31.81 0.15 -6.18	30.73 0.15 -5.00	30.27 0.13 -4.78	28.55 0.11 -2.23	26.01 0.12 -1.80	26.79 0.18 -0.37
NEG___GEN_MONROE 24207	25.85 -0.58 -0.07	23.12 -0.61 -0.12	22.34 -0.64 -0.20	19.63 -0.51 -0.45	18.70 -0.39 -0.39	18.78 -0.39 -0.38	18.91 -0.49 -0.45	18.78 -0.68 -0.51	22.02 -0.93 -0.23	23.04 -0.78 -0.26	23.26 -0.81 -0.31	23.11 -0.97 -0.50	23.47 -0.90 -0.74	23.41 -1.08 -0.92	23.68 -1.04 -0.99	22.57 -0.75 -1.40	24.22 -0.87 -1.65	26.32 -0.54 -2.16	27.22 -0.51 -2.25	26.78 -0.61 -1.83	26.45 -0.66 -1.75	26.51 -0.52 -0.81	24.03 -0.72 -0.66	25.51 -0.87 -0.13
NEPA___ENERGY 23901	24.99 -1.48 -0.10	22.36 -1.42 -0.17	21.58 -1.48 -0.28	19.16 -1.18 -0.65	18.27 -0.99 -0.56	18.35 -1.00 -0.55	18.48 -1.12 -0.64	18.45 -1.23 -0.73	21.44 -1.61 -0.33	22.49 -1.44 -0.37	22.71 -1.50 -0.44	22.57 -1.72 -0.72	23.11 -1.58 -1.07	23.13 -1.77 -1.32	23.45 -1.71 -1.43	22.65 -1.27 -2.00	24.23 -1.57 -2.37	26.59 -1.21 -3.09	27.50 -1.20 -3.22	26.91 -1.28 -2.62	26.44 -1.42 -2.50	26.05 -1.34 -1.17	23.71 -1.33 -0.94	24.96 -1.47 -0.19

NEVERSINK___HYD 23608	28.26 1.32 -0.58	25.65 1.09 -0.95	25.27 0.91 -1.58	24.00 0.73 -3.58	22.50 0.67 -3.13	22.53 0.70 -3.03	23.22 0.70 -3.56	23.68 0.66 -4.07	25.49 0.95 -1.81	26.61 1.01 -2.04	27.37 1.16 -2.44	28.83 1.27 -3.98	30.90 1.37 -5.91	31.65 0.73 -7.34	32.40 0.76 -7.91	33.80 0.77 -11.11	37.53 0.94 -13.17	42.83 0.96 -17.15	44.38 1.02 -17.89	41.04 0.95 -14.52	40.08 0.84 -13.89	34.18 1.49 -6.46	30.58 1.28 -5.22	28.65 1.34 -1.07
NEWKRMKL_115KV_TB1 55635	28.00 0.79 -0.85	25.78 0.78 -1.39	26.04 0.96 -2.31	25.78 0.85 -5.24	24.08 0.80 -4.57	24.04 0.81 -4.44	24.96 0.80 -5.21	25.56 0.66 -5.95	26.15 0.77 -2.65	27.37 0.82 -2.98	28.19 0.86 -3.57	30.18 0.78 -5.83	33.05 0.78 -8.65	35.05 0.73 -10.74	36.06 0.76 -11.57	38.87 0.70 -16.25	43.41 0.73 -19.25	50.61 0.82 -25.09	52.45 0.82 -26.16	47.63 0.82 -21.24	46.48 0.81 -20.31	36.54 0.87 -9.45	32.47 0.75 -7.63	28.62 0.81 -1.56
NEWTON___FALLS_HYD 23847	25.37 -1.00 -0.01	22.81 -0.83 -0.02	22.07 -0.75 -0.04	19.13 -0.65 -0.09	18.10 -0.67 -0.08	18.21 -0.66 -0.08	18.42 -0.63 -0.09	18.37 -0.68 -0.10	21.84 -0.93 -0.05	22.62 -0.99 -0.05	22.76 -1.07 -0.06	22.62 -1.06 -0.10	22.64 -1.13 -0.15	22.63 -1.13 -0.19	22.79 -1.14 -0.20	21.13 -1.07 -0.28	22.68 -1.08 -0.33	24.08 -1.06 -0.43	24.93 -1.02 -0.47	25.12 -0.82 -0.37	24.98 -0.74 -0.35	25.63 -0.76 -0.16	23.48 -0.75 -0.13	25.40 -0.87 -0.03
NGRID_A1_DSASP 323792	24.58 -1.87 -0.09	21.99 -1.77 -0.15	21.20 -1.82 -0.25	18.81 -1.44 -0.56	17.93 -1.25 -0.49	17.99 -1.28 -0.47	17.99 -1.52 -0.55	17.78 -1.80 -0.63	20.71 -2.29 -0.28	21.64 -2.24 -0.32	21.70 -2.45 -0.38	21.74 -2.45 -0.62	22.25 -2.29 -0.92	22.27 -2.45 -1.14	22.51 -2.44 -1.23	21.50 -2.15 -1.73	23.18 -2.30 -2.05	24.82 -2.54 -2.65	25.49 -2.75 -2.76	25.00 -2.81 -2.25	24.73 -2.79 -2.16	24.40 -2.83 -1.00	22.37 -2.53 -0.81	24.15 -2.26 -0.17
NGRID_A2_DSASP 323793	24.58 -1.87 -0.09	21.99 -1.77 -0.15	21.20 -1.82 -0.25	18.81 -1.44 -0.56	17.93 -1.25 -0.49	17.99 -1.28 -0.47	17.99 -1.52 -0.55	17.78 -1.80 -0.63	20.71 -2.29 -0.28	21.64 -2.24 -0.32	21.70 -2.45 -0.38	21.74 -2.45 -0.62	22.25 -2.29 -0.92	22.27 -2.45 -1.14	22.51 -2.44 -1.23	21.50 -2.15 -1.73	23.18 -2.30 -2.05	24.82 -2.54 -2.65	25.49 -2.75 -2.76	25.00 -2.81 -2.25	24.73 -2.79 -2.16	24.40 -2.83 -1.00	22.37 -2.53 -0.81	24.15 -2.26 -0.17
NGRID_A4_DSASP 323807	24.58 -1.87 -0.09	21.99 -1.77 -0.15	21.20 -1.82 -0.25	18.81 -1.44 -0.56	17.93 -1.25 -0.49	17.99 -1.28 -0.47	17.99 -1.52 -0.55	17.78 -1.80 -0.63	20.71 -2.29 -0.28	21.64 -2.24 -0.32	21.70 -2.45 -0.38	21.74 -2.45 -0.62	22.25 -2.29 -0.92	22.27 -2.45 -1.14	22.51 -2.44 -1.23	21.50 -2.15 -1.73	23.18 -2.30 -2.05	24.82 -2.54 -2.65	25.49 -2.75 -2.76	25.00 -2.81 -2.25	24.73 -2.79 -2.16	24.40 -2.83 -1.00	22.37 -2.53 -0.81	24.15 -2.26 -0.17
NIAGARA_115E_LBMP 323715	24.47 -1.98 -0.09	21.89 -1.87 -0.15	21.11 -1.91 -0.25	18.68 -1.58 -0.56	17.82 -1.36 -0.49	17.88 -1.39 -0.48	17.96 -1.55 -0.56	17.80 -1.78 -0.64	20.73 -2.27 -0.28	21.66 -2.22 -0.32	21.72 -2.42 -0.38	21.79 -2.41 -0.62	22.26 -2.29 -0.93	22.25 -2.48 -1.15	22.50 -2.47 -1.24	21.53 -2.13 -1.74	23.22 -2.27 -2.06	24.87 -2.52 -2.68	25.57 -2.70 -2.80	25.06 -2.79 -2.27	24.79 -2.74 -2.17	24.45 -2.78 -1.01	22.40 -2.51 -0.82	24.18 -2.23 -0.17
NIAGARA_115W_LBMP 323714	24.53 -1.92 -0.09	21.94 -1.82 -0.15	21.16 -1.87 -0.24	18.77 -1.48 -0.56	17.89 -1.29 -0.49	17.95 -1.32 -0.47	17.95 -1.55 -0.55	17.72 -1.86 -0.63	20.64 -2.36 -0.28	21.57 -2.31 -0.32	21.62 -2.52 -0.38	21.69 -2.50 -0.62	22.20 -2.34 -0.92	22.19 -2.52 -1.14	22.44 -2.52 -1.23	21.43 -2.21 -1.72	23.13 -2.34 -2.04	24.74 -2.62 -2.65	25.41 -2.83 -2.76	24.92 -2.89 -2.24	24.65 -2.87 -2.16	24.34 -2.88 -1.00	22.30 -2.60 -0.81	24.10 -2.31 -0.17
NIAGARA_230_LBMP 323716	24.73 -1.71 -0.09	22.13 -1.63 -0.15	21.33 -1.69 -0.24	18.86 -1.38 -0.55	18.00 -1.18 -0.48	18.06 -1.20 -0.46	18.13 -1.36 -0.54	17.96 -1.61 -0.62	20.96 -2.05 -0.28	21.89 -1.98 -0.31	21.95 -2.19 -0.37	22.02 -2.17 -0.61	22.52 -2.01 -0.90	22.51 -2.19 -1.12	22.76 -2.18 -1.21	21.75 -1.86 -1.70	23.45 -1.99 -2.01	25.14 -2.20 -2.63	25.82 -2.40 -2.74	25.34 -2.45 -2.22	25.00 -2.48 -2.12	24.69 -2.52 -0.99	22.65 -2.24 -0.80	24.46 -1.94 -0.16
NIAGARA___115KV_198_GIBSON 55903	24.52 -1.92 -0.09	21.94 -1.82 -0.15	21.16 -1.87 -0.24	18.77 -1.48 -0.56	17.89 -1.29 -0.49	17.95 -1.32 -0.47	17.95 -1.55 -0.55	17.72 -1.86 -0.63	20.64 -2.36 -0.28	21.69 -2.19 -0.32	21.89 -2.26 -0.38	21.70 -2.50 -0.62	22.20 -2.34 -0.92	22.17 -2.55 -1.14	22.44 -2.52 -1.23	21.67 -1.97 -1.72	23.17 -2.30 -2.04	25.43 -1.93 -2.65	26.30 -1.94 -2.76	25.77 -2.05 -2.24	25.33 -2.18 -2.16	25.21 -2.02 -1.00	22.81 -2.10 -0.81	24.10 -2.31 -0.17
NIAGARA____ 23760	24.74 -1.71 -0.09	22.13 -1.63 -0.15	21.34 -1.69 -0.25	18.87 -1.38 -0.56	18.01 -1.18 -0.49	18.07 -1.20 -0.47	18.14 -1.36 -0.55	17.97 -1.61 -0.63	20.96 -2.05 -0.28	21.90 -1.98 -0.32	21.96 -2.19 -0.38	22.02 -2.17 -0.62	22.53 -2.01 -0.92	22.52 -2.19 -1.14	22.77 -2.18 -1.23	21.78 -1.86 -1.72	23.48 -1.99 -2.04	25.16 -2.20 -2.65	25.85 -2.40 -2.77	25.36 -2.45 -2.25	25.03 -2.48 -2.15	24.71 -2.52 -1.00	22.66 -2.24 -0.81	24.47 -1.94 -0.17
NINE_MILE_1 23575	25.89 -0.50 -0.04	23.17 -0.50 -0.06	22.38 -0.50 -0.10	19.48 -0.43 -0.22	18.50 -0.39 -0.20	18.59 -0.40 -0.19	18.76 -0.42 -0.22	18.77 -0.44 -0.25	22.25 -0.59 -0.11	23.08 -0.61 -0.13	23.25 -0.67 -0.15	23.19 -0.64 -0.25	23.36 -0.64 -0.37	23.38 -0.66 -0.46	23.53 -0.69 -0.49	22.02 -0.59 -0.69	23.60 -0.66 -0.82	25.09 -0.69 -1.07	25.62 -0.71 -0.85	25.76 -0.72 -0.91	25.49 -0.74 -0.87	25.87 -0.76 -0.40	23.72 -0.70 -0.33	25.63 -0.68 -0.07
NINE_MILE_2 23744	25.89 -0.50 -0.04	23.17 -0.50 -0.06	22.38 -0.50 -0.10	19.48 -0.43 -0.22	18.50 -0.39 -0.20	18.59 -0.40 -0.19	18.76 -0.42 -0.22	18.77 -0.44 -0.25	22.24 -0.59 -0.11	23.08 -0.61 -0.13	23.25 -0.67 -0.15	23.19 -0.64 -0.25	23.35 -0.64 -0.37	23.37 -0.66 -0.46	23.53 -0.69 -0.49	22.02 -0.59 -0.69	23.62 -0.63 -0.82	25.09 -0.69 -1.07	25.61 -0.71 -0.85	25.76 -0.72 -0.91	25.49 -0.74 -0.87	25.87 -0.76 -0.40	23.74 -0.67 -0.33	25.62 -0.68 -0.07
NM_CAPITAL___DRP 24208	28.05 0.84 -0.85	25.82 0.83 -1.39	26.04 0.96 -2.30	25.76 0.85 -5.22	24.06 0.80 -4.56	24.03 0.81 -4.42	24.94 0.80 -5.19	25.58 0.70 -5.93	26.18 0.82 -2.64	27.40 0.87 -2.97	28.23 0.90 -3.56	30.21 0.83 -5.81	33.07 0.83 -8.62	35.08 0.80 -10.71	36.07 0.81 -11.53	38.86 0.75 -16.20	43.39 0.77 -19.19	50.58 0.86 -25.01	52.42 0.87 -26.08	47.61 0.87 -21.17	46.47 0.86 -20.25	36.56 0.92 -9.42	32.52 0.82 -7.60	28.67 0.87 -1.56
NM_CENTRAL___DRP 24181	26.41 0.00 -0.05	23.62 -0.07 -0.08	22.80 -0.11 -0.14	19.93 -0.08 -0.31	18.92 -0.06 -0.27	19.00 -0.06 -0.27	19.19 -0.08 -0.31	19.21 -0.09 -0.36	22.72 -0.16 -0.16	23.67 -0.07 -0.18	23.91 -0.07 -0.21	23.78 -0.14 -0.35	24.00 -0.14 -0.52	24.05 -0.17 -0.64	24.23 -0.19 -0.69	22.72 -0.18 -0.97	24.35 -0.23 -1.15	26.06 -0.15 -1.50	26.92 -0.15 -1.59	26.66 -0.18 -1.27	26.37 -0.20 -1.22	26.58 -0.21 -0.57	24.36 -0.19 -0.46	26.15 -0.18 -0.09

NM_FRONTIER___DRP 24179	24.52 -1.92 -0.09	21.94 -1.82 -0.15	21.16 -1.87 -0.24	18.77 -1.48 -0.56	17.89 -1.29 -0.49	17.95 -1.32 -0.47	17.95 -1.55 -0.55	17.72 -1.86 -0.63	20.64 -2.36 -0.28	21.69 -2.19 -0.32	21.89 -2.26 -0.38	21.70 -2.50 -0.62	22.20 -2.34 -0.92	22.17 -2.55 -1.14	22.44 -2.52 -1.23	21.67 -1.97 -1.72	23.17 -2.30 -2.04	25.43 -1.93 -2.65	26.30 -1.94 -2.76	25.77 -2.05 -2.24	25.33 -2.18 -2.16	25.21 -2.02 -1.00	22.81 -2.10 -0.81	24.10 -2.31 -0.17
NM_ST_REGIS___HYD 24053	24.93 -1.42 0.00	22.48 -1.13 0.00	21.78 -1.00 0.00	18.81 -0.89 0.00	17.80 -0.90 0.00	17.91 -0.88 0.00	18.14 -0.82 0.00	18.13 -0.81 0.00	21.65 -1.07 0.00	22.38 -1.18 0.00	22.51 -1.26 0.00	22.37 -1.20 0.00	22.32 -1.30 0.00	22.37 -1.20 0.00	22.57 -1.16 0.00	20.76 -1.16 0.00	22.30 -1.12 0.00	23.47 -1.24 0.00	24.20 -1.27 0.00	24.39 -1.18 0.00	24.37 -0.99 0.00	25.15 -1.08 0.00	23.08 -1.01 0.00	25.09 -1.15 0.00
NORTHPORT___1 23551	35.67 2.42 -6.89	34.81 2.10 -9.10	34.27 1.94 -9.56	31.47 1.67 -10.10	29.32 1.59 -9.03	32.09 1.60 -11.69	25.65 1.69 -5.01	27.87 1.74 -7.18	33.12 2.18 -8.21	34.90 2.21 -9.13	39.12 2.23 -13.12	39.37 2.22 -13.58	39.38 2.32 -13.44	40.16 2.36 -14.23	42.07 2.37 -15.97	44.01 2.24 -19.85	43.21 2.44 -17.35	43.78 2.57 -16.50	45.90 2.62 -17.80	45.95 2.58 -17.80	43.38 2.46 -15.56	41.56 2.46 -12.87	38.95 2.29 -12.57	37.79 2.57 -8.98
NORTHPORT___2 23552	35.67 2.42 -6.89	34.81 2.10 -9.10	34.27 1.94 -9.56	31.47 1.67 -10.10	29.32 1.59 -9.03	32.09 1.60 -11.69	25.65 1.69 -5.01	27.87 1.74 -7.18	33.12 2.18 -8.21	34.90 2.21 -9.13	39.12 2.23 -13.12	39.37 2.22 -13.58	39.38 2.32 -13.44	40.16 2.36 -14.23	42.07 2.37 -15.97	44.01 2.24 -19.85	43.21 2.44 -17.35	43.78 2.57 -16.50	45.90 2.62 -17.80	45.95 2.58 -17.80	43.38 2.46 -15.56	41.56 2.46 -12.87	38.95 2.29 -12.57	37.79 2.57 -8.98
NORTHPORT___3 23553	35.25 2.00 -6.89	34.53 1.82 -9.10	34.02 1.69 -9.56	31.22 1.42 -10.10	29.07 1.35 -9.03	31.84 1.35 -11.69	25.35 1.38 -5.01	27.59 1.46 -7.18	32.84 1.91 -8.21	34.64 1.95 -9.13	38.80 1.92 -13.11	39.18 2.05 -13.55	39.18 2.15 -13.41	39.99 2.19 -14.22	41.94 2.26 -15.96	43.89 2.13 -19.84	43.07 2.30 -17.34	43.60 2.40 -16.49	45.72 2.45 -17.79	45.71 2.35 -17.79	43.15 2.23 -15.56	41.31 2.23 -12.86	38.71 2.05 -12.57	37.53 2.31 -8.98
NORTHPORT___4 23650	35.25 2.00 -6.89	34.53 1.82 -9.10	34.02 1.69 -9.56	31.22 1.42 -10.10	29.07 1.35 -9.03	31.84 1.35 -11.69	25.35 1.38 -5.01	27.59 1.46 -7.18	32.84 1.91 -8.21	34.64 1.95 -9.13	38.80 1.92 -13.11	39.18 2.05 -13.55	39.18 2.15 -13.41	39.99 2.19 -14.22	41.94 2.26 -15.96	43.89 2.13 -19.84	43.07 2.30 -17.34	43.60 2.40 -16.49	45.72 2.45 -17.79	45.71 2.35 -17.79	43.15 2.23 -15.56	41.31 2.23 -12.86	38.71 2.05 -12.57	37.53 2.31 -8.98
NORTHPORT___IC 23718	35.67 2.42 -6.89	34.81 2.10 -9.10	34.27 1.94 -9.56	31.47 1.67 -10.10	29.32 1.59 -9.03	32.09 1.60 -11.69	25.65 1.69 -5.01	27.88 1.74 -7.18	33.12 2.18 -8.21	34.93 2.24 -9.13	39.14 2.26 -13.12	39.37 2.22 -13.58	39.38 2.31 -13.44	40.14 2.33 -14.23	42.07 2.37 -15.97	44.01 2.24 -19.85	43.19 2.41 -17.35	43.81 2.59 -16.50	45.93 2.65 -17.80	46.00 2.63 -17.80	43.41 2.49 -15.56	41.56 2.47 -12.87	38.97 2.31 -12.57	37.79 2.57 -8.98
NORTH___COUNTRY_ESR 323785	24.88 -1.48 0.00	22.45 -1.16 0.00	21.78 -1.00 0.00	18.83 -0.87 0.00	17.82 -0.88 0.00	17.95 -0.85 0.00	18.18 -0.78 0.00	18.19 -0.76 0.00	21.70 -1.02 0.00	22.50 -1.06 0.00	22.67 -1.09 0.00	22.40 -1.18 0.00	22.35 -1.28 0.00	22.44 -1.13 0.00	22.69 -1.04 0.00	20.76 -1.16 0.00	22.33 -1.10 0.00	23.65 -1.06 0.00	24.43 -1.05 0.00	24.52 -1.05 0.00	24.47 -0.89 0.00	25.33 -0.89 0.00	23.32 -0.77 0.00	25.32 -0.92 0.00
NPX_GEN_1385_PROXY 323591	32.48 1.69 -4.43	32.15 1.44 -7.10	31.99 1.30 -7.91	31.06 1.26 -10.10	29.00 1.27 -9.03	31.73 1.24 -11.69	25.61 1.65 -5.01	27.80 1.67 -7.18	32.75 1.82 -8.21	34.39 1.70 -9.13	35.05 1.57 -9.72	34.66 1.56 -9.53	35.29 1.65 -10.01	36.61 1.70 -11.34	37.59 1.71 -12.15	39.59 1.64 -16.03	42.58 1.80 -17.35	43.36 2.15 -16.50	45.52 2.24 -17.80	45.54 2.17 -17.80	42.88 1.95 -15.56	41.06 1.97 -12.87	37.87 1.61 -12.16	35.99 1.81 -7.94
NPX_GEN_CSC 323557	35.80 2.56 -6.89	34.88 2.17 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.07 1.58 -11.69	25.58 1.61 -5.01	27.80 1.67 -7.18	33.05 2.11 -8.21	34.90 2.21 -9.13	39.38 2.49 -13.12	42.21 2.69 -15.95	44.41 2.76 -18.02	59.95 2.80 -33.57	65.59 2.85 -39.01	70.87 2.72 -46.24	78.21 2.98 -51.81	98.25 3.11 -70.43	66.13 3.21 -37.44	58.43 3.17 -29.69	50.52 3.02 -22.15	52.78 3.01 -23.55	39.36 2.70 -12.57	38.08 2.86 -8.98
NSINS_S_GLNS_FALLS 23858	29.29 2.06 -0.88	26.91 1.87 -1.43	26.77 1.62 -2.38	26.54 1.46 -5.39	24.81 1.40 -4.71	24.76 1.39 -4.57	25.72 1.40 -5.36	26.44 1.36 -6.13	27.32 1.86 -2.73	28.66 2.03 -3.07	29.32 1.88 -3.68	31.41 1.84 -6.00	34.20 1.68 -8.90	36.17 1.53 -11.06	36.71 1.07 -11.91	39.64 0.99 -16.73	44.24 0.98 -19.82	51.70 1.16 -25.83	53.79 1.38 -26.93	48.87 1.43 -21.87	47.82 1.55 -20.91	37.61 1.65 -9.73	33.85 1.90 -7.85	29.77 1.92 -1.61
NUCOR_STEEL___DRP 24197	26.72 0.29 -0.07	23.92 0.19 -0.12	23.09 0.11 -0.20	20.26 0.12 -0.45	19.24 0.15 -0.39	19.31 0.13 -0.38	19.51 0.11 -0.45	19.57 0.11 -0.51	23.04 0.09 -0.23	24.00 0.19 -0.26	24.24 0.17 -0.31	24.15 0.07 -0.50	24.43 0.07 -0.74	24.52 0.02 -0.92	24.74 0.02 -0.99	23.31 0.00 -1.39	25.05 -0.02 -1.65	26.98 0.12 -2.15	27.89 0.13 -2.28	27.52 0.13 -1.82	27.20 0.10 -1.74	27.16 0.13 -0.81	24.82 0.07 -0.65	26.45 0.08 -0.13
NUMBER_THREE_WT_PWR 323818	26.11 -0.26 -0.02	23.43 -0.21 -0.03	22.65 -0.18 -0.05	19.66 -0.16 -0.12	18.64 -0.17 -0.11	18.73 -0.17 -0.11	18.93 -0.15 -0.12	18.84 -0.25 -0.14	22.35 -0.43 -0.06	23.16 -0.47 -0.07	23.33 -0.52 -0.08	23.15 -0.57 -0.14	23.19 -0.64 -0.21	23.17 -0.66 -0.26	23.31 -0.69 -0.27	21.71 -0.59 -0.39	23.32 -0.56 -0.46	24.84 -0.47 -0.60	25.76 -0.36 -0.64	26.07 0.00 -0.50	25.84 0.00 -0.48	26.47 0.03 -0.22	24.25 -0.02 -0.18	26.17 -0.10 -0.04
NYISO_LBMP_REFERENCE 24008	26.36 0.00 0.00	23.61 0.00 0.00	22.78 0.00 0.00	19.69 0.00 0.00	18.70 0.00 0.00	18.80 0.00 0.00	18.95 0.00 0.00	18.95 0.00 0.00	22.72 0.00 0.00	23.56 0.00 0.00	23.76 0.00 0.00	23.58 0.00 0.00	23.62 0.00 0.00	23.58 0.00 0.00	23.73 0.00 0.00	21.92 0.00 0.00	23.43 0.00 0.00	24.71 0.00 0.00	25.48 0.00 0.00	25.57 0.00 0.00	25.36 0.00 0.00	26.22 0.00 0.00	24.09 0.00 0.00	26.24 0.00 0.00
NYPA_BRENTWD____GT 24164	36.07 2.82 -6.89	35.14 2.43 -9.10	34.57 2.23 -9.56	31.69 1.89 -10.10	29.52 1.80 -9.03	32.29 1.80 -11.69	25.82 1.86 -5.01	28.05 1.91 -7.18	33.34 2.41 -8.21	35.19 2.50 -9.13	39.54 2.66 -13.12	42.29 2.69 -16.03	44.51 2.79 -18.11	59.59 2.83 -33.19	65.16 2.73 -38.71	70.07 2.59 -45.57	76.68 2.81 -50.44	74.07 2.94 -46.42	65.14 3.00 -36.66	52.17 3.14 -23.45	50.24 2.99 -21.89	52.35 3.01 -23.12	39.45 2.79 -12.57	38.26 3.04 -8.98

NYPA_GOWANUS____GT5 24156	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.57	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.87	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
NYPA_GOWANUS____GT6 24157	29.39	26.67	26.30	25.18	23.54	23.54	24.36	25.01	26.76	27.97	28.84	30.73	46.04	34.67	39.40	42.12	53.33	52.57	48.74	44.89	43.81	36.42	32.50	30.03
	2.37	1.98	1.73	1.42	1.29	1.30	1.37	1.44	1.98	2.10	2.30	2.57	2.72	2.76	2.80	2.50	2.76	2.87	2.95	2.84	2.69	2.81	2.48	2.57
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
NYPA_HARLEM__RVR__GT1 24160	29.26	26.51	26.16	25.10	23.44	23.45	24.28	24.93	26.64	27.82	28.69	30.47	32.85	34.47	39.15	41.94	53.09	52.32	48.45	44.63	43.58	36.12	32.27	29.81
	2.24	1.82	1.59	1.34	1.20	1.22	1.29	1.37	1.86	1.95	2.16	2.38	2.53	2.57	2.61	2.32	2.53	2.62	2.67	2.58	2.46	2.57	2.26	2.36
	-0.66	-1.08	-1.79	-4.06	-3.54	-3.44	-4.03	-4.61	-2.05	-2.31	-2.77	-4.51	-6.70	-8.33	-12.81	-17.70	-27.13	-24.99	-20.30	-16.48	-15.76	-7.33	-5.91	-1.21
NYPA_HARLEM__RVR__GT2 24161	29.26	26.51	26.16	25.10	23.44	23.45	24.28	24.93	26.64	27.82	28.69	30.47	32.85	34.47	39.15	41.94	53.09	52.32	48.45	44.63	43.58	36.12	32.27	29.81
	2.24	1.82	1.59	1.34	1.20	1.22	1.29	1.37	1.86	1.95	2.16	2.38	2.53	2.57	2.61	2.32	2.53	2.62	2.67	2.58	2.46	2.57	2.26	2.36
	-0.66	-1.08	-1.79	-4.06	-3.54	-3.44	-4.03	-4.61	-2.05	-2.31	-2.77	-4.51	-6.70	-8.33	-12.81	-17.70	-27.13	-24.99	-20.30	-16.48	-15.76	-7.33	-5.91	-1.21
NYPA_KENT____GT 24152	29.36	26.65	26.30	25.18	23.56	23.54	24.38	25.03	26.76	27.95	28.84	30.65	40.44	34.62	39.33	42.10	53.26	52.52	48.66	44.82	43.76	36.34	32.45	30.00
	2.35	1.96	1.73	1.42	1.31	1.30	1.38	1.46	1.98	2.07	2.30	2.52	2.67	2.71	2.75	2.48	2.69	2.82	2.88	2.76	2.64	2.75	2.43	2.54
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.55	-14.15	-8.34	-12.85	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.37	-5.92	-1.21
NYPA_POUCH1____GT 24155	29.31	26.58	26.21	25.10	23.46	23.46	24.28	24.93	26.67	27.88	28.77	30.63	45.97	34.58	39.33	42.06	53.26	52.52	48.66	44.82	43.74	36.34	32.42	29.95
	2.29	1.89	1.64	1.34	1.21	1.22	1.29	1.37	1.88	2.00	2.23	2.47	2.65	2.66	2.73	2.43	2.69	2.82	2.88	2.76	2.61	2.73	2.41	2.49
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.58	-19.70	-8.34	-12.87	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.39	-5.92	-1.21
NYPA_VERNON____GT2 24162	29.34	26.63	26.30	25.18	23.56	23.56	24.38	25.03	26.76	27.95	28.82	30.58	34.84	34.58	39.26	42.08	53.21	52.47	48.61	44.79	43.74	36.27	32.40	29.97
	2.32	1.94	1.73	1.42	1.31	1.32	1.38	1.46	1.98	2.07	2.28	2.47	2.62	2.66	2.70	2.45	2.65	2.77	2.83	2.74	2.61	2.70	2.39	2.52
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.53	-8.60	-8.34	-12.83	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.34	-5.92	-1.21
NYPA_VERNON____GT3 24163	29.34	26.63	26.30	25.18	23.56	23.56	24.38	25.03	26.76	27.95	28.82	30.58	34.84	34.58	39.26	42.08	53.21	52.47	48.61	44.79	43.74	36.27	32.40	29.97
	2.32	1.94	1.73	1.42	1.31	1.32	1.38	1.46	1.98	2.07	2.28	2.47	2.62	2.66	2.70	2.45	2.65	2.77	2.83	2.74	2.61	2.70	2.39	2.52
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.53	-8.60	-8.34	-12.83	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.34	-5.92	-1.21
NYPA____ASTORIA_CC1 323568	29.29	26.60	26.26	25.16	23.54	23.54	24.36	24.99	26.71	27.90	28.77	30.55	32.93	34.55	39.20	42.03	53.16	52.42	48.56	44.74	43.68	36.21	32.38	29.95
	2.27	1.91	1.69	1.40	1.29	1.30	1.37	1.42	1.93	2.03	2.23	2.45	2.60	2.64	2.66	2.41	2.60	2.72	2.78	2.68	2.56	2.65	2.36	2.49
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.52	-6.71	-8.34	-12.82	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.34	-5.92	-1.21
NYPA____ASTORIA_CC2 323569	29.29	26.60	26.26	25.16	23.54	23.54	24.36	24.99	26.71	27.90	28.77	30.55	32.93	34.55	39.20	42.03	53.16	52.42	48.56	44.74	43.68	36.21	32.38	29.95
	2.27	1.91	1.69	1.40	1.29	1.30	1.37	1.42	1.93	2.03	2.23	2.45	2.60	2.64	2.66	2.41	2.60	2.72	2.78	2.68	2.56	2.65	2.36	2.49
	-0.66	-1.08	-1.79	-4.06	-3.55	-3.45	-4.04	-4.62	-2.06	-2.31	-2.77	-4.52	-6.71	-8.34	-12.82	-17.71	-27.14	-25.00	-20.31	-16.49	-15.77	-7.34	-5.92	-1.21
NYPA____HOLTSVILL 23794	35.94	35.02	34.43	31.57	29.41	32.20	25.71	27.93	33.19	35.00	39.40	42.17	44.37	59.95	65.76	70.74	78.18	97.66	66.02	58.17	50.44	52.73	39.33	38.10
	2.69	2.32	2.09	1.77	1.68	1.71	1.74	1.80	2.25	2.31	2.52	2.64	2.72	2.73	2.77	2.63	2.86	2.99	3.06	3.04	2.92	2.94	2.67	2.89
	-6.89	-9.10	-9.56	-10.10	-9.03	-11.69	-5.01	-7.18	-8.21	-9.13	-13.12	-15.95	-18.03	-33.64	-39.25	-46.19	-51.89	-69.96	-37.49	-29.56	-22.16	-23.57	-12.57	-8.98
NYPA____HELLGATE_GT1 24158	29.26	26.51	26.16	25.10	23.44	23.45	24.28	24.93	26.64	27.82	28.69	30.47	32.85	34.47	39.15	41.94	53.09	52.32	48.45	44.63	43.58	36.12	32.27	29.81
	2.24	1.82	1.59	1.34	1.20	1.22	1.29	1.37	1.86	1.95	2.16	2.38	2.53	2.57	2.61	2.32	2.53	2.62	2.67	2.58	2.46	2.57	2.26	2.36
	-0.66	-1.08	-1.79	-4.06	-3.54	-3.44	-4.03	-4.61	-2.05	-2.31	-2.77	-4.51	-6.70	-8.33	-12.81	-17.70	-27.13	-24.99	-20.30	-16.48	-15.76	-7.33	-5.91	-1.21
NYPA____HELLGATE_GT2 24159	29.26	26.51	26.16	25.10	23.44	23.45	24.28	24.93	26.64	27.82	28.69	30.47	32.85	34.47	39.15	41.94	53.09	52.32	48.45	44.63	43.58	36.12	32.27	29.81
	2.24	1.82	1.59	1.34	1.20	1.22	1.29	1.37	1.86	1.95	2.16	2.38	2.53	2.57	2.61	2.32	2.53	2.62	2.67	2.58	2.46	2.57	2.26	2.36
	-0.66	-1.08	-1.79	-4.06	-3.54	-3.44	-4.03	-4.61	-2.05	-2.31	-2.77	-4.51	-6.70	-8.33	-12.81	-17.70	-27.13	-24.99	-20.30	-16.48	-15.76	-7.33	-5.91	-1.21
NYS_BARGE____HYD 23848	24.94	22.31	21.49	19.01	18.12	18.20	18.28	18.14	21.13	22.08	22.14	22.20	22.65	22.63	22.91	21.86	23.57	25.22	25.93	25.46	25.18	24.89	22.79	24.59
	-1.50	-1.44	-1.53	-1.22	-1.05	-1.05	-1.21	-1.42	-1.86	-1.79	-2.00	-1.98	-1.87	-2.05	-2.02	-1.73	-1.85	-2.08	-2.24	-2.30	-2.28	-2.31	-2.10	-1.81
	-0.09	-0.14	-0.24	-0.54	-0.47	-0.46	-0.54	-0.61	-0.27	-0.31	-0.37	-0.60	-0.89	-1.11	-1.19	-1.68	-1.99	-2.59	-2.70	-2.19	-2.10	-0.98	-0.79	-0.16
OAK ORCHARD____HYD 24046	25.93	23.19	22.36	19.63	18.69	18.78	18.90	18.85	22.13	23.08	23.21	23.27	23.65	23.62	23.84	22.56	24.32	25.98	26.79	26.41	26.10	26.09	23.80	25.59
	-0.50	-0.54	-0.61	-0.51	-0.39	-0.40	-0.49	-0.61	-0.82	-0.73	-0.85	-0.80	-0.71	-0.87	-0.88	-0.75	-0.75	-0.87	-0.92	-0.97	-0.99	-0.94	-0.94	-0.79
	-0.07	-0.12	-0.20	-0.45	-0.39	-0.38	-0.44	-0.51	-0.23	-0.25	-0.30	-0.50	-0.74	-0.91	-0.98	-1.38	-1.64	-2.14	-2.23	-1.81	-1.73	-0.80	-0.65	-0.13

OAKDALE___35_KV_LOAD 356122	26.72 0.16 -0.20	24.01 0.07 -0.33	23.32 0.00 -0.54	20.94 0.02 -1.23	19.84 0.07 -1.07	19.89 0.06 -1.04	20.21 0.04 -1.22	20.36 0.02 -1.39	23.34 0.00 -0.62	24.35 0.09 -0.70	24.70 0.10 -0.84	24.96 0.02 -1.36	25.72 0.07 -2.02	26.09 0.00 -2.51	26.46 0.02 -2.71	25.81 0.09 -3.80	27.98 0.05 -4.51	30.78 0.20 -5.87	31.82 0.20 -6.14	30.75 0.20 -4.97	30.24 0.13 -4.76	28.59 0.16 -2.21	26.00 0.12 -1.79	26.71 0.10 -0.37
OCC_CHEM___DRP 24175	24.58 -1.87 -0.09	21.99 -1.77 -0.15	21.20 -1.82 -0.25	18.81 -1.44 -0.56	17.93 -1.25 -0.49	17.99 -1.28 -0.47	17.99 -1.52 -0.55	17.78 -1.80 -0.63	20.71 -2.29 -0.28	21.73 -2.14 -0.32	21.96 -2.19 -0.38	21.74 -2.45 -0.62	22.25 -2.29 -0.92	22.22 -2.50 -1.14	22.51 -2.44 -1.23	21.72 -1.93 -1.73	23.23 -2.25 -2.05	25.48 -1.88 -2.65	26.38 -1.86 -2.76	25.82 -1.99 -2.25	25.39 -2.13 -2.16	25.26 -1.97 -1.00	22.86 -2.05 -0.81	24.15 -2.26 -0.17
OH_GEN_PROXY 24063	24.73 -1.71 -0.09	22.13 -1.63 -0.15	21.34 -1.69 -0.24	18.88 -1.36 -0.55	18.00 -1.18 -0.48	18.06 -1.20 -0.46	18.15 -1.35 -0.55	18.00 -1.57 -0.62	20.98 -2.02 -0.28	21.92 -1.96 -0.31	22.00 -2.14 -0.37	22.06 -2.12 -0.61	22.57 -1.96 -0.91	22.56 -2.15 -1.12	22.66 -2.14 -1.06	21.95 -1.82 -1.85	23.50 -1.94 -2.02	25.19 -2.15 -2.63	25.87 -2.34 -2.74	25.39 -2.40 -2.22	25.05 -2.43 -2.13	24.75 -2.47 -0.99	22.70 -2.19 -0.80	24.49 -1.91 -0.16
OLIN_CORP_DRP 24177	24.53 -1.92 -0.09	21.94 -1.82 -0.15	21.16 -1.87 -0.25	18.74 -1.52 -0.56	17.86 -1.33 -0.49	17.92 -1.35 -0.48	18.02 -1.50 -0.56	17.85 -1.74 -0.64	20.78 -2.23 -0.29	21.83 -2.05 -0.32	22.03 -2.12 -0.39	21.85 -2.36 -0.63	22.31 -2.24 -0.93	22.28 -2.45 -1.16	22.58 -2.40 -1.25	21.81 -1.86 -1.75	23.35 -2.16 -2.08	25.63 -1.78 -2.70	26.51 -1.78 -2.82	25.97 -1.89 -2.29	25.52 -2.03 -2.19	25.33 -1.91 -1.02	22.94 -1.98 -0.82	24.23 -2.18 -0.17
OLIN_CORP_DSASP 323712	24.58 -1.87 -0.09	21.99 -1.77 -0.15	21.20 -1.82 -0.25	18.81 -1.44 -0.56	17.93 -1.25 -0.49	17.99 -1.28 -0.47	17.99 -1.52 -0.55	17.78 -1.80 -0.63	20.71 -2.29 -0.28	21.64 -2.24 -0.32	21.70 -2.45 -0.38	21.74 -2.45 -0.62	22.25 -2.29 -0.92	22.27 -2.45 -1.14	22.51 -2.44 -1.23	21.50 -2.15 -1.73	23.18 -2.30 -2.05	24.82 -2.54 -2.65	25.49 -2.75 -2.76	25.00 -2.81 -2.25	24.73 -2.79 -2.16	24.40 -2.83 -1.00	22.37 -2.53 -0.81	24.15 -2.26 -0.17
ONEIDA_HERK_LFGE 323681	26.74 0.37 -0.02	23.97 0.33 -0.03	23.12 0.30 -0.05	20.08 0.28 -0.11	19.05 0.26 -0.09	19.15 0.26 -0.09	19.35 0.28 -0.11	19.30 0.23 -0.12	23.00 0.23 -0.05	23.83 0.21 -0.06	24.03 0.19 -0.07	23.84 0.14 -0.12	23.92 0.12 -0.18	23.84 0.05 -0.22	24.01 0.05 -0.24	22.34 0.09 -0.33	23.94 0.12 -0.39	25.45 0.22 -0.51	26.28 0.25 -0.55	26.44 0.43 -0.44	26.18 0.40 -0.42	26.86 0.45 -0.19	24.61 0.36 -0.16	26.61 0.34 -0.03
ONEIDA___115KV_TB4 55905	27.18 0.79 -0.03	24.33 0.66 -0.06	23.47 0.59 -0.09	20.44 0.53 -0.21	19.41 0.52 -0.19	19.50 0.53 -0.18	19.72 0.55 -0.21	19.67 0.47 -0.24	23.38 0.55 -0.11	24.27 0.59 -0.12	24.48 0.57 -0.15	24.31 0.50 -0.24	24.45 0.47 -0.35	24.42 0.40 -0.44	24.61 0.40 -0.47	22.98 0.39 -0.67	24.66 0.45 -0.79	26.33 0.59 -1.03	27.20 0.64 -1.09	27.16 0.72 -0.87	26.85 0.66 -0.83	27.32 0.71 -0.39	25.03 0.63 -0.31	26.93 0.63 -0.06
ONONDAGA_REF_OCCRA 23987	26.39 -0.03 -0.05	23.60 -0.09 -0.09	22.79 -0.14 -0.15	19.91 -0.12 -0.34	18.90 -0.09 -0.29	18.99 -0.09 -0.29	19.17 -0.11 -0.33	19.22 -0.11 -0.38	22.71 -0.18 -0.17	23.66 -0.09 -0.19	23.90 -0.10 -0.23	23.79 -0.17 -0.37	24.04 -0.14 -0.56	24.10 -0.17 -0.69	24.28 -0.19 -0.74	22.79 -0.18 -1.04	24.43 -0.23 -1.24	26.17 -0.15 -1.61	27.04 -0.15 -1.71	26.76 -0.18 -1.36	26.44 -0.23 -1.30	26.62 -0.21 -0.61	24.39 -0.19 -0.49	26.16 -0.18 -0.10
ONONDAGA___COGEN 23986	26.52 0.11 -0.06	23.75 0.05 -0.10	22.94 0.00 -0.16	20.06 0.00 -0.36	19.05 0.04 -0.32	19.12 0.02 -0.31	19.33 0.02 -0.36	19.36 0.00 -0.41	22.86 -0.05 -0.18	23.84 0.07 -0.21	24.06 0.05 -0.25	23.96 -0.02 -0.40	24.20 -0.02 -0.60	24.27 -0.05 -0.74	24.46 -0.07 -0.80	22.95 -0.09 -1.12	24.62 -0.14 -1.33	26.39 -0.05 -1.73	27.28 -0.05 -1.86	26.96 -0.08 -1.47	26.66 -0.10 -1.40	26.77 -0.10 -0.65	24.55 -0.07 -0.53	26.30 -0.05 -0.11
ONTARIO___LFGE 23819	26.34 -0.11 -0.08	23.53 -0.21 -0.14	22.71 -0.30 -0.23	20.00 -0.22 -0.52	19.00 -0.15 -0.45	19.08 -0.15 -0.44	19.30 -0.17 -0.52	19.33 -0.21 -0.59	22.64 -0.34 -0.26	23.57 -0.28 -0.29	23.71 -0.40 -0.35	23.75 -0.40 -0.58	24.15 -0.33 -0.86	24.22 -0.42 -1.06	24.42 -0.45 -1.14	23.17 -0.35 -1.61	24.98 -0.35 -1.91	26.85 -0.35 -2.48	27.75 -0.33 -2.60	27.31 -0.36 -2.10	26.99 -0.38 -2.01	26.77 -0.39 -0.93	24.46 -0.39 -0.75	26.08 -0.31 -0.15
ORANGEVILLE_WT_PWR 323706	25.10 -1.37 -0.11	22.52 -1.28 -0.18	21.74 -1.34 -0.30	19.30 -1.08 -0.69	18.36 -0.93 -0.60	18.44 -0.94 -0.58	18.59 -1.04 -0.68	18.55 -1.17 -0.78	21.55 -1.52 -0.35	22.49 -1.46 -0.39	22.57 -1.66 -0.47	22.69 -1.65 -0.76	23.22 -1.54 -1.13	23.28 -1.70 -1.41	23.53 -1.71 -1.51	22.58 -1.47 -2.13	24.35 -1.59 -2.52	26.24 -1.75 -3.28	27.04 -1.86 -3.42	26.48 -1.87 -2.78	26.17 -1.85 -2.66	25.55 -1.91 -1.24	23.40 -1.69 -1.00	25.00 -1.44 -0.20
ORANGEVILLE___ESR 323794	25.10 -1.37 -0.11	22.52 -1.28 -0.18	21.74 -1.34 -0.30	19.30 -1.08 -0.69	18.36 -0.93 -0.60	18.44 -0.94 -0.58	18.59 -1.04 -0.68	18.55 -1.17 -0.78	21.55 -1.52 -0.35	22.49 -1.46 -0.39	22.57 -1.66 -0.47	22.69 -1.65 -0.76	23.22 -1.54 -1.13	23.28 -1.70 -1.41	23.53 -1.71 -1.51	22.58 -1.47 -2.13	24.35 -1.59 -2.52	26.24 -1.75 -3.28	27.04 -1.86 -3.42	26.48 -1.87 -2.78	26.17 -1.85 -2.66	25.55 -1.91 -1.24	23.40 -1.69 -1.00	25.00 -1.44 -0.20
OSWEGATCHIE___HYD 24044	25.37 -1.00 -0.01	22.81 -0.83 -0.02	22.07 -0.75 -0.04	19.13 -0.65 -0.09	18.11 -0.67 -0.08	18.21 -0.66 -0.08	18.42 -0.63 -0.09	18.37 -0.68 -0.10	21.84 -0.93 -0.05	22.65 -0.97 -0.05	22.81 -1.02 -0.06	22.62 -1.06 -0.10	22.64 -1.13 -0.15	22.63 -1.13 -0.19	22.79 -1.14 -0.20	21.08 -1.12 -0.28	22.66 -1.10 -0.33	24.08 -1.06 -0.43	24.95 -0.99 -0.47	25.12 -0.82 -0.37	24.95 -0.76 -0.35	25.65 -0.73 -0.16	23.50 -0.72 -0.13	25.40 -0.87 -0.03
OSWEGO___5 23606	26.06 -0.34 -0.04	23.33 -0.35 -0.07	22.51 -0.39 -0.11	19.64 -0.32 -0.26	18.65 -0.28 -0.23	18.74 -0.28 -0.22	18.91 -0.30 -0.26	18.92 -0.32 -0.30	22.40 -0.45 -0.13	23.24 -0.47 -0.15	23.44 -0.50 -0.18	23.37 -0.50 -0.29	23.58 -0.47 -0.43	23.61 -0.50 -0.53	23.78 -0.52 -0.58	22.27 -0.46 -0.81	23.89 -0.49 -0.96	25.44 -0.52 -1.25	26.44 -0.54 -1.50	26.06 -0.56 -1.06	25.81 -0.56 -1.01	26.12 -0.58 -0.47	23.94 -0.53 -0.38	25.82 -0.50 -0.08
OSWEGO___6 23613	26.06 -0.34 -0.04	23.33 -0.35 -0.07	22.51 -0.39 -0.11	19.64 -0.32 -0.26	18.65 -0.28 -0.23	18.74 -0.28 -0.22	18.91 -0.30 -0.26	18.92 -0.32 -0.30	22.40 -0.45 -0.13	23.24 -0.47 -0.15	23.44 -0.50 -0.18	23.37 -0.50 -0.29	23.58 -0.47 -0.43	23.61 -0.50 -0.53	23.78 -0.52 -0.58	22.27 -0.46 -0.81	23.89 -0.49 -0.96	25.44 -0.52 -1.25	26.44 -0.54 -1.50	26.06 -0.56 -1.06	25.81 -0.56 -1.01	26.12 -0.58 -0.47	23.94 -0.53 -0.38	25.82 -0.50 -0.08

OUTOKUMPU-AB___DRP 24206	25.08 -1.37 -0.09	22.44 -1.32 -0.15	21.62 -1.41 -0.25	19.16 -1.10 -0.57	18.26 -0.93 -0.50	18.34 -0.94 -0.48	18.38 -1.14 -0.56	18.25 -1.35 -0.65	21.24 -1.77 -0.29	22.31 -1.58 -0.32	22.51 -1.64 -0.39	22.30 -1.91 -0.63	22.81 -1.75 -0.94	22.78 -1.96 -1.16	23.08 -1.90 -1.25	22.25 -1.42 -1.76	23.80 -1.71 -2.09	26.09 -1.33 -2.71	27.00 -1.30 -2.83	26.44 -1.43 -2.30	26.01 -1.55 -2.20	25.83 -1.42 -1.02	23.38 -1.54 -0.83	24.70 -1.71 -0.17
OXBOW___BTM 323836	24.89 -1.56 -0.09	22.25 -1.51 -0.15	21.46 -1.57 -0.25	19.02 -1.24 -0.56	18.12 -1.07 -0.49	18.20 -1.07 -0.48	18.22 -1.29 -0.56	18.05 -1.53 -0.64	21.01 -2.00 -0.28	21.95 -1.93 -0.32	22.03 -2.12 -0.38	22.08 -2.12 -0.63	22.59 -1.96 -0.93	22.58 -2.15 -1.15	22.84 -2.14 -1.24	21.80 -1.86 -1.74	23.53 -1.97 -2.07	25.17 -2.22 -2.68	25.85 -2.42 -2.80	25.34 -2.50 -2.27	25.08 -2.46 -2.18	24.75 -2.49 -1.01	22.67 -2.24 -0.82	24.47 -1.94 -0.17
OXBOW___ 24026	24.89 -1.56 -0.09	22.25 -1.51 -0.15	21.45 -1.57 -0.25	19.02 -1.24 -0.56	18.12 -1.07 -0.49	18.20 -1.07 -0.48	18.22 -1.29 -0.56	18.05 -1.53 -0.64	21.01 -2.00 -0.28	22.07 -1.81 -0.32	22.27 -1.88 -0.38	22.08 -2.12 -0.63	22.59 -1.96 -0.93	22.56 -2.17 -1.15	22.84 -2.14 -1.24	22.04 -1.62 -1.74	23.57 -1.92 -2.07	25.83 -1.56 -2.68	26.74 -1.53 -2.80	26.18 -1.66 -2.27	25.74 -1.80 -2.18	25.59 -1.65 -1.01	23.15 -1.76 -0.82	24.47 -1.94 -0.17
OXY_CHEM_DSASP 323612	24.58 -1.87 -0.09	21.99 -1.77 -0.15	21.20 -1.82 -0.25	18.81 -1.44 -0.56	17.93 -1.25 -0.49	17.99 -1.28 -0.47	17.99 -1.52 -0.55	17.78 -1.80 -0.63	20.71 -2.29 -0.28	21.73 -2.14 -0.32	21.96 -2.19 -0.38	21.74 -2.45 -0.62	22.25 -2.29 -0.92	22.22 -2.50 -1.14	22.51 -2.44 -1.23	21.72 -1.93 -1.73	23.23 -2.25 -2.05	25.48 -1.88 -2.65	26.38 -1.86 -2.76	25.82 -1.99 -2.25	25.39 -2.13 -2.16	25.26 -1.97 -1.00	22.86 -2.05 -0.81	24.15 -2.26 -0.17
OZONE_PARK_ESR 323760	29.55 2.53 -0.66	26.84 2.15 -1.08	26.51 1.94 -1.79	25.35 1.60 -4.06	23.74 1.50 -3.55	23.74 1.50 -3.45	24.57 1.57 -4.04	25.20 1.63 -4.62	26.94 2.16 -2.06	28.16 2.29 -2.31	29.03 2.50 -2.77	30.76 2.66 -4.52	33.10 2.76 -6.71	34.72 2.81 -8.34	39.42 2.87 -12.82	42.30 2.67 -17.71	53.42 2.86 -27.14	52.77 3.06 -25.00	48.94 3.16 -20.30	45.15 3.09 -16.49	44.07 2.94 -15.77	36.47 2.91 -7.34	32.66 2.65 -5.92	30.24 2.78 -1.21
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.58 -1.87 -0.09	21.99 -1.77 -0.15	21.20 -1.82 -0.25	18.81 -1.44 -0.56	17.93 -1.25 -0.49	17.99 -1.28 -0.47	17.99 -1.52 -0.55	17.78 -1.80 -0.63	20.71 -2.29 -0.28	21.73 -2.14 -0.32	21.96 -2.19 -0.38	21.74 -2.45 -0.62	22.25 -2.29 -0.92	22.22 -2.50 -1.14	22.51 -2.44 -1.23	21.72 -1.93 -1.73	23.23 -2.25 -2.05	25.48 -1.88 -2.65	26.38 -1.86 -2.76	25.82 -1.99 -2.25	25.39 -2.13 -2.16	25.26 -1.97 -1.00	22.86 -2.05 -0.81	24.15 -2.26 -0.17
PACKARD__115KV_DUPONT_184 80571	24.58 -1.87 -0.09	21.99 -1.77 -0.15	21.20 -1.82 -0.25	18.81 -1.44 -0.56	17.93 -1.25 -0.49	17.99 -1.28 -0.47	17.99 -1.52 -0.55	17.78 -1.80 -0.63	20.71 -2.29 -0.28	21.73 -2.14 -0.32	21.96 -2.19 -0.38	21.74 -2.45 -0.62	22.25 -2.29 -0.92	22.22 -2.50 -1.14	22.51 -2.44 -1.23	21.72 -1.93 -1.73	23.23 -2.25 -2.05	25.48 -1.88 -2.65	26.38 -1.86 -2.76	25.82 -1.99 -2.25	25.39 -2.13 -2.16	25.26 -1.97 -1.00	22.86 -2.05 -0.81	24.15 -2.26 -0.17
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.26 2.24 -0.66	26.53 1.84 -1.08	26.19 1.62 -1.79	25.10 1.34 -4.06	23.46 1.22 -3.55	23.46 1.22 -3.45	24.28 1.29 -4.04	24.93 1.36 -4.62	26.62 1.84 -2.06	27.83 1.96 -2.31	28.70 2.16 -2.77	30.46 2.36 -4.52	32.84 2.50 -6.71	34.41 2.50 -8.34	39.09 2.54 -12.82	41.95 2.32 -17.71	53.07 2.51 -27.14	52.38 2.67 -25.00	48.53 2.75 -20.31	44.72 2.66 -16.49	43.64 2.51 -15.77	36.13 2.57 -7.34	32.30 2.29 -5.92	29.84 2.39 -1.21
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.55 2.53 -0.66	26.82 2.12 -1.08	26.44 1.87 -1.79	25.31 1.56 -4.06	23.65 1.40 -3.55	23.63 1.39 -3.45	24.44 1.44 -4.04	25.10 1.53 -4.62	26.80 2.02 -2.06	28.04 2.17 -2.31	28.91 2.38 -2.77	30.67 2.57 -4.52	33.07 2.74 -6.71	34.65 2.73 -8.34	39.32 2.78 -12.82	42.14 2.52 -17.71	53.33 2.76 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.89 2.76 -15.77	36.36 2.81 -7.34	32.52 2.51 -5.92	30.08 2.62 -1.21
PATROON__115KV_TB1 80586	28.08 0.87 -0.85	25.86 0.85 -1.40	26.07 0.98 -2.31	25.83 0.89 -5.25	24.13 0.84 -4.59	24.09 0.85 -4.45	25.01 0.83 -5.22	25.64 0.72 -5.97	26.22 0.84 -2.66	27.45 0.90 -2.99	28.28 0.93 -3.59	30.27 0.85 -5.85	33.15 0.85 -8.68	35.15 0.80 -10.78	36.17 0.83 -11.61	38.99 0.77 -16.31	43.54 0.80 -19.32	50.77 0.89 -25.17	52.62 0.89 -26.25	47.78 0.89 -21.31	46.63 0.89 -20.38	36.65 0.94 -9.48	32.57 0.82 -7.65	28.68 0.87 -1.57
PATTRSNVILLE___SOLAR 323815	28.60 1.34 -0.90	26.27 1.18 -1.48	26.25 1.03 -2.45	26.15 0.91 -5.55	24.43 0.88 -4.85	24.37 0.87 -4.71	25.35 0.87 -5.52	26.09 0.83 -6.31	26.60 1.07 -2.81	27.81 1.08 -3.16	28.65 1.09 -3.79	30.84 1.09 -6.18	33.90 1.11 -9.17	36.00 1.04 -11.39	37.02 1.02 -12.27	40.14 0.99 -17.23	44.90 1.06 -20.42	52.48 1.16 -26.60	54.49 1.27 -27.74	49.42 1.33 -22.52	48.22 1.32 -21.54	37.61 1.36 -10.02	33.43 1.25 -8.09	29.18 1.29 -1.66
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.67 -1.79 -0.10	22.05 -1.72 -0.17	21.28 -1.78 -0.27	18.88 -1.44 -0.62	17.99 -1.25 -0.54	18.06 -1.26 -0.53	18.17 -1.40 -0.62	18.14 -1.52 -0.71	21.06 -1.98 -0.31	22.12 -1.79 -0.35	22.34 -1.85 -0.42	22.17 -2.10 -0.69	22.71 -1.94 -1.03	22.73 -2.12 -1.28	23.04 -2.06 -1.37	22.27 -1.58 -1.93	23.82 -1.90 -2.29	26.11 -1.58 -2.98	27.03 -1.55 -3.10	26.43 -1.66 -2.52	25.97 -1.80 -2.41	25.61 -1.73 -1.12	23.26 -1.73 -0.91	24.46 -1.97 -0.19
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.22 2.19 -0.67	26.59 1.89 -1.10	26.28 1.69 -1.82	25.21 1.40 -4.12	23.61 1.31 -3.60	23.64 1.35 -3.49	24.38 1.33 -4.10	25.00 1.36 -4.69	26.70 1.89 -2.09	27.91 2.00 -2.35	28.84 2.26 -2.81	30.52 2.36 -4.59	32.93 2.50 -6.81	34.58 2.55 -8.45	39.33 2.66 -12.94	42.39 2.59 -17.88	53.52 2.74 -27.35	52.90 2.92 -25.27	49.00 2.93 -20.59	45.15 2.86 -16.72	44.04 2.69 -15.99	36.31 2.65 -7.44	32.39 2.29 -6.00	29.89 2.41 -1.23
PEEKSKILL___ 23653	28.96 1.95 -0.65	26.35 1.68 -1.07	26.05 1.50 -1.77	24.94 1.24 -4.01	23.38 1.18 -3.50	23.40 1.20 -3.40	24.15 1.21 -3.99	24.78 1.27 -4.56	26.46 1.71 -2.03	27.63 1.79 -2.28	28.47 1.97 -2.74	30.14 2.10 -4.46	32.44 2.20 -6.62	34.04 2.24 -8.22	38.73 2.30 -12.70	41.65 2.19 -17.54	52.71 2.34 -26.94	51.89 2.45 -24.74	48.01 2.50 -20.03	44.27 2.43 -16.27	43.22 2.31 -15.55	35.77 2.31 -7.24	32.01 2.07 -5.84	29.64 2.20 -1.20
PGE MADISON___WINDPWR 24146	28.40 1.84 -0.19	25.51 1.58 -0.32	24.74 1.44 -0.52	22.22 1.34 -1.19	21.06 1.33 -1.04	21.19 1.39 -1.00	21.65 1.52 -1.18	21.66 1.37 -1.35	24.82 1.50 -0.60	25.72 1.49 -0.67	25.95 1.38 -0.81	26.12 1.23 -1.32	26.71 1.13 -1.96	26.97 0.97 -2.43	27.30 0.95 -2.62	26.56 0.96 -3.68	28.91 1.12 -4.36	31.75 1.36 -5.68	32.89 1.48 -5.94	32.04 1.66 -4.81	31.53 1.57 -4.60	30.04 1.68 -2.14	27.31 1.49 -1.73	28.17 1.57 -0.35

PIERCEFIELD___HYD 23852	24.96 -1.40 0.00	22.50 -1.11 0.00	21.80 -0.98 0.00	18.83 -0.87 0.00	17.80 -0.90 0.00	17.91 -0.88 0.00	18.14 -0.82 0.00	18.13 -0.81 0.00	21.63 -1.09 0.00	22.38 -1.18 0.00	22.51 -1.26 0.00	22.37 -1.20 0.00	22.32 -1.30 0.00	22.37 -1.20 0.00	22.52 -1.21 0.00	20.73 -1.18 0.00	22.26 -1.17 0.00	23.42 -1.28 0.00	24.19 -1.30 -0.01	24.37 -1.20 0.00	24.32 -1.04 0.00	25.10 -1.13 0.00	23.03 -1.06 0.00	25.03 -1.21 0.00
PINELAWN_CC_1 323563	35.91 2.66 -6.89	35.00 2.29 -9.10	34.41 2.07 -9.56	31.55 1.75 -10.10	29.39 1.66 -9.03	32.16 1.67 -11.69	25.67 1.71 -5.01	27.89 1.76 -7.18	33.19 2.25 -8.21	35.05 2.36 -9.13	39.43 2.54 -13.12	43.02 2.66 -16.79	45.59 2.76 -19.21	60.67 2.80 -34.29	66.60 2.85 -40.02	71.67 2.70 -47.06	78.59 2.93 -52.23	71.15 3.09 -43.35	66.34 3.18 -37.68	51.24 3.14 -22.52	50.59 2.99 -22.24	52.91 3.01 -23.67	39.38 2.72 -12.57	38.13 2.91 -8.98
PJM_GEN_HTTP_PROXY 323702	29.23 2.21 -0.66	26.58 1.89 -1.08	26.26 1.69 -1.79	25.14 1.38 -4.06	23.56 1.31 -3.55	23.58 1.33 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.69 1.91 -2.06	27.90 2.03 -2.31	28.75 2.21 -2.77	30.48 2.38 -4.52	32.81 2.48 -6.71	34.44 2.52 -8.34	38.96 2.56 -12.67	42.18 2.41 -17.85	53.14 2.58 -27.13	52.40 2.69 -25.00	48.56 2.78 -20.30	44.74 2.68 -16.49	43.66 2.54 -15.77	36.13 2.57 -7.33	32.35 2.34 -5.92	29.95 2.49 -1.21
PJM_GEN_KEystone 24065	26.94 0.19 -0.40	24.33 0.07 -0.65	23.81 -0.05 -1.07	22.11 -0.02 -2.44	20.86 0.04 -2.13	20.88 0.02 -2.06	21.36 -0.02 -2.42	21.68 -0.04 -2.77	23.93 -0.02 -1.23	25.02 0.07 -1.39	25.52 0.10 -1.66	26.45 0.17 -2.71	27.90 0.26 -4.02	28.78 0.21 -5.00	29.49 0.26 -5.50	30.31 0.33 -8.06	33.56 0.33 -9.81	37.09 0.32 -12.06	37.92 0.28 -12.17	35.65 0.20 -9.88	34.93 0.13 -9.45	30.72 0.11 -4.40	27.76 0.12 -3.55	27.26 0.29 -0.73
PJM_GEN_NEPTUNE_PROXY 323594	32.67 2.32 -4.00	30.97 1.98 -5.37	30.53 1.80 -5.95	28.51 1.52 -7.30	26.62 1.44 -6.48	28.10 1.45 -7.86	24.99 1.48 -4.56	26.49 1.55 -5.99	30.10 2.02 -5.35	31.64 2.12 -5.96	34.36 2.28 -8.31	36.39 2.43 -10.38	38.62 2.53 -12.47	48.70 2.55 -22.58	53.97 2.59 -27.65	58.42 2.45 -34.04	67.20 2.62 -41.15	61.61 2.77 -34.13	58.24 2.83 -29.93	47.80 2.74 -19.49	47.31 2.61 -19.34	45.13 2.65 -16.26	35.96 2.39 -9.48	34.18 2.57 -5.37
PJM_GEN_VFT_PROXY 323633	29.18 2.16 -0.66	26.56 1.86 -1.08	26.23 1.66 -1.79	25.12 1.36 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.34 1.35 -4.04	24.99 1.42 -4.62	26.67 1.88 -2.06	27.88 2.00 -2.31	28.70 2.16 -2.77	30.46 2.36 -4.52	32.79 2.46 -6.71	34.41 2.50 -8.34	38.91 2.51 -12.67	42.14 2.37 -17.85	53.09 2.53 -27.14	52.35 2.65 -25.00	48.51 2.73 -20.30	44.69 2.63 -16.49	43.64 2.51 -15.77	36.08 2.52 -7.34	32.30 2.29 -5.92	29.92 2.47 -1.21
PLATSBURG_115KV_PMLD1 355749	25.12 -1.24 0.00	22.67 -0.94 0.00	21.98 -0.80 0.00	19.02 -0.67 0.00	17.99 -0.71 0.00	18.14 -0.66 0.00	18.39 -0.57 0.00	18.38 -0.57 0.00	21.90 -0.82 0.00	22.64 -0.92 0.00	22.79 -0.97 0.00	22.61 -0.97 0.00	22.56 -1.06 0.00	22.66 -0.92 0.00	22.90 -0.83 0.00	21.04 -0.88 0.00	22.65 -0.77 0.00	23.92 -0.79 0.00	24.66 -0.82 0.00	24.78 -0.79 0.00	24.78 -0.58 0.00	25.57 -0.66 0.00	23.56 -0.53 0.00	25.58 -0.66 0.00
PLEASANTVLY___LBMP 24000	28.77 1.71 -0.70	26.21 1.46 -1.14	25.99 1.32 -1.89	25.11 1.12 -4.29	23.51 1.07 -3.75	23.50 1.07 -3.64	24.32 1.10 -4.26	24.96 1.14 -4.88	26.39 1.50 -2.17	27.60 1.60 -2.44	28.43 1.73 -2.93	30.16 1.82 -4.77	32.57 1.87 -7.08	34.26 1.89 -8.80	35.13 1.92 -9.48	37.05 1.82 -13.31	41.14 1.94 -15.77	47.34 2.08 -20.55	49.02 2.11 -21.43	45.07 2.10 -17.40	44.00 2.00 -16.64	35.96 1.99 -7.74	32.15 1.81 -6.25	29.41 1.89 -1.28
PLSNTVLE_13_KV_13.8KVDIST 80602	29.06 2.03 -0.67	26.45 1.75 -1.09	26.16 1.57 -1.81	25.10 1.30 -4.10	23.52 1.23 -3.58	23.51 1.24 -3.48	24.30 1.27 -4.08	24.96 1.35 -4.67	26.60 1.80 -2.08	27.81 1.91 -2.34	28.66 2.09 -2.80	30.34 2.19 -4.57	32.69 2.29 -6.78	34.30 2.31 -8.42	39.01 2.37 -12.90	41.98 2.24 -17.83	53.10 2.39 -27.28	52.46 2.57 -25.18	48.63 2.65 -20.50	44.80 2.58 -16.65	43.71 2.43 -15.92	36.04 2.41 -7.41	32.24 2.17 -5.98	29.75 2.28 -1.23
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.06 2.03 -0.67	26.45 1.75 -1.09	26.16 1.57 -1.81	25.10 1.30 -4.10	23.52 1.23 -3.58	23.51 1.24 -3.48	24.30 1.27 -4.08	24.96 1.35 -4.67	26.60 1.80 -2.08	27.81 1.91 -2.34	28.66 2.09 -2.80	30.34 2.19 -4.57	32.69 2.29 -6.78	34.30 2.31 -8.42	39.01 2.37 -12.90	41.98 2.24 -17.83	53.10 2.39 -27.28	52.46 2.57 -25.18	48.63 2.65 -20.50	44.80 2.58 -16.65	43.71 2.43 -15.92	36.04 2.41 -7.41	32.24 2.17 -5.98	29.75 2.28 -1.23
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.94 1.90 -0.68	26.35 1.63 -1.11	26.08 1.46 -1.84	25.10 1.22 -4.18	23.49 1.14 -3.65	23.51 1.17 -3.55	24.29 1.18 -4.16	24.86 1.16 -4.75	26.41 1.57 -2.12	27.59 1.65 -2.38	28.45 1.83 -2.85	30.14 1.91 -4.65	32.54 2.01 -6.91	34.18 2.03 -8.58	35.03 2.06 -9.24	36.83 1.93 -12.98	40.94 2.13 -15.38	47.02 2.27 -20.04	48.71 2.34 -20.89	44.81 2.28 -16.97	43.76 2.18 -16.22	35.90 2.12 -7.55	32.09 1.90 -6.09	29.48 1.99 -1.25
POLETTI_____ 23519	29.23 2.21 -0.66	26.58 1.89 -1.08	26.26 1.69 -1.79	25.14 1.38 -4.06	23.56 1.31 -3.55	23.56 1.32 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.69 1.91 -2.06	27.90 2.03 -2.31	28.75 2.21 -2.77	30.48 2.38 -4.52	32.81 2.48 -6.71	34.43 2.52 -8.34	39.11 2.56 -12.82	42.01 2.39 -17.71	53.09 2.53 -27.14	52.42 2.72 -25.00	48.58 2.80 -20.30	44.79 2.74 -16.49	43.71 2.59 -15.77	36.13 2.57 -7.34	32.35 2.34 -5.92	29.95 2.49 -1.21
POMONA___ESR 323819	28.94 1.95 -0.63	26.29 1.65 -1.03	25.97 1.48 -1.71	24.79 1.22 -3.88	23.24 1.16 -3.39	23.25 1.17 -3.29	24.00 1.19 -3.85	24.59 1.23 -4.41	26.34 1.66 -1.96	27.51 1.74 -2.21	28.33 1.92 -2.65	29.97 2.08 -4.31	32.20 2.17 -6.40	33.74 2.22 -7.95	34.55 2.26 -8.56	36.10 2.15 -12.03	40.00 2.32 -14.26	45.71 2.42 -18.57	47.29 2.45 -19.37	43.67 2.38 -15.73	42.65 2.26 -15.04	35.48 2.26 -7.00	31.76 2.02 -5.65	29.58 2.18 -1.16
PORT_JEFF_3 23555	35.96 2.72 -6.89	35.05 2.34 -9.10	34.45 2.12 -9.56	31.59 1.79 -10.10	29.43 1.70 -9.03	32.22 1.73 -11.69	25.73 1.76 -5.01	27.95 1.82 -7.18	33.21 2.27 -8.21	35.05 2.36 -9.13	39.45 2.57 -13.12	42.16 2.64 -15.94	44.35 2.72 -18.01	59.75 2.66 -33.51	65.53 2.70 -39.10	70.49 2.56 -46.01	77.99 2.81 -51.75	98.76 2.94 -71.11	65.89 3.00 -37.41	58.44 2.99 -29.88	50.36 2.86 -22.13	52.64 2.88 -23.53	39.38 2.72 -12.57	38.16 2.94 -8.98
PORT_JEFF_4 23616	35.96 2.72 -6.89	35.05 2.34 -9.10	34.45 2.12 -9.56	31.59 1.79 -10.10	29.43 1.70 -9.03	32.22 1.73 -11.69	25.73 1.76 -5.01	27.95 1.82 -7.18	33.21 2.27 -8.21	35.05 2.36 -9.13	39.45 2.57 -13.12	42.16 2.64 -15.94	44.35 2.72 -18.01	59.75 2.66 -33.51	65.53 2.70 -39.10	70.49 2.56 -46.01	77.99 2.81 -51.75	98.76 2.94 -71.11	65.89 3.00 -37.41	58.44 2.99 -29.88	50.36 2.86 -22.13	52.64 2.88 -23.53	39.38 2.72 -12.57	38.16 2.94 -8.98

PORT_JEFF_IC 23713	35.99 2.74 -6.89	35.07 2.36 -9.10	34.48 2.14 -9.56	31.61 1.81 -10.10	29.45 1.72 -9.03	32.24 1.75 -11.69	25.75 1.78 -5.01	27.97 1.84 -7.18	33.23 2.29 -8.21	35.12 2.43 -9.13	39.57 2.69 -13.12	42.20 2.71 -15.91	44.40 2.83 -17.94	59.33 2.69 -33.07	65.02 2.73 -38.56	69.89 2.56 -45.41	77.50 2.79 -51.28	103.10 2.99 -75.40	65.70 3.08 -37.15	59.73 3.12 -31.04	50.37 2.97 -22.04	52.62 3.02 -23.39	39.45 2.79 -12.57	38.21 2.99 -8.98
PPL PILGRIM_ST_GT1 24216	36.07 2.82 -6.89	35.14 2.43 -9.10	34.57 2.23 -9.56	31.69 1.89 -10.10	29.52 1.80 -9.03	32.29 1.80 -11.69	25.82 1.86 -5.01	28.05 1.91 -7.18	33.34 2.41 -8.21	35.19 2.50 -9.13	39.54 2.66 -13.12	42.29 2.69 -16.03	44.51 2.79 -18.11	59.59 2.83 -33.19	65.16 2.73 -38.71	70.07 2.59 -45.57	76.68 2.81 -50.44	74.07 2.94 -46.42	65.14 3.00 -36.66	52.17 3.14 -23.45	50.24 2.99 -21.89	52.35 3.01 -23.12	39.45 2.79 -12.57	38.26 3.04 -8.98
PPL PILGRIM_ST_GT2 24217	36.07 2.82 -6.89	35.14 2.43 -9.10	34.57 2.23 -9.56	31.69 1.89 -10.10	29.52 1.80 -9.03	32.29 1.80 -11.69	25.82 1.86 -5.01	28.05 1.91 -7.18	33.34 2.41 -8.21	35.19 2.50 -9.13	39.54 2.66 -13.12	42.29 2.69 -16.03	44.51 2.79 -18.11	59.59 2.83 -33.19	65.16 2.73 -38.71	70.07 2.59 -45.57	76.68 2.81 -50.44	74.07 2.94 -46.42	65.14 3.00 -36.66	52.17 3.14 -23.45	50.24 2.99 -21.89	52.35 3.01 -23.12	39.45 2.79 -12.57	38.26 3.04 -8.98
PPL_SHRM_GT3 24213	35.86 2.61 -6.89	34.91 2.20 -9.10	34.32 1.98 -9.56	31.47 1.67 -10.10	29.32 1.59 -9.03	32.09 1.60 -11.69	25.60 1.63 -5.01	27.82 1.69 -7.18	33.07 2.14 -8.21	34.93 2.24 -9.13	39.40 2.52 -13.12	42.21 2.69 -15.94	44.41 2.79 -18.00	59.85 2.85 -33.42	65.61 2.89 -38.98	70.54 2.74 -45.88	78.10 3.02 -51.65	99.55 3.16 -71.68	66.09 3.26 -37.35	58.83 3.22 -30.04	50.51 3.04 -22.11	52.79 3.07 -23.50	39.41 2.75 -12.57	38.13 2.91 -8.98
PPL_SHRM_GT4 24214	35.86 2.61 -6.89	34.91 2.20 -9.10	34.32 1.98 -9.56	31.47 1.67 -10.10	29.32 1.59 -9.03	32.09 1.60 -11.69	25.60 1.63 -5.01	27.82 1.69 -7.18	33.07 2.14 -8.21	34.93 2.24 -9.13	39.40 2.52 -13.12	42.21 2.69 -15.94	44.41 2.79 -18.00	59.85 2.85 -33.42	65.61 2.89 -38.98	70.54 2.74 -45.88	78.10 3.02 -51.65	99.55 3.16 -71.68	66.09 3.26 -37.35	58.83 3.22 -30.04	50.51 3.04 -22.11	52.79 3.07 -23.50	39.41 2.75 -12.57	38.13 2.91 -8.98
PROJECT___ORANGE 1 24174	26.44 0.03 -0.05	23.65 -0.05 -0.08	22.83 -0.09 -0.14	19.93 -0.08 -0.32	18.94 -0.04 -0.28	19.01 -0.06 -0.27	19.19 -0.08 -0.31	19.23 -0.08 -0.36	22.75 -0.14 -0.16	23.69 -0.05 -0.18	23.93 -0.05 -0.22	23.79 -0.14 -0.35	24.03 -0.12 -0.52	24.06 -0.17 -0.65	24.26 -0.17 -0.70	22.73 -0.18 -0.98	24.38 -0.21 -1.16	26.10 -0.12 -1.52	26.93 -0.15 -1.61	26.68 -0.18 -1.29	26.39 -0.20 -1.23	26.59 -0.21 -0.57	24.36 -0.19 -0.46	26.18 -0.16 -0.09
PROJECT___ORANGE 2 24166	26.44 0.03 -0.05	23.65 -0.05 -0.08	22.83 -0.09 -0.14	19.93 -0.08 -0.32	18.94 -0.04 -0.28	19.01 -0.06 -0.27	19.19 -0.08 -0.31	19.23 -0.08 -0.36	22.75 -0.14 -0.16	23.69 -0.05 -0.18	23.93 -0.05 -0.22	23.79 -0.14 -0.35	24.03 -0.12 -0.52	24.06 -0.17 -0.65	24.26 -0.17 -0.70	22.73 -0.18 -0.98	24.38 -0.21 -1.16	26.10 -0.12 -1.52	26.93 -0.15 -1.61	26.68 -0.18 -1.29	26.39 -0.20 -1.23	26.59 -0.21 -0.57	24.36 -0.19 -0.46	26.18 -0.16 -0.09
PUCKETT___SOLAR 323809	27.20 0.63 -0.21	24.44 0.50 -0.34	23.72 0.39 -0.56	21.33 0.37 -1.26	20.19 0.39 -1.10	20.26 0.40 -1.07	20.61 0.40 -1.26	20.73 0.34 -1.44	23.72 0.36 -0.64	24.66 0.38 -0.72	24.93 0.31 -0.86	25.24 0.26 -1.40	25.97 0.26 -2.08	26.38 0.21 -2.59	26.71 0.19 -2.79	26.10 0.26 -3.92	28.37 0.30 -4.64	31.15 0.39 -6.05	32.23 0.43 -6.32	31.20 0.51 -5.12	30.74 0.48 -4.90	28.97 0.47 -2.28	26.37 0.43 -1.84	27.11 0.50 -0.38
PYRITES___HYD 24023	25.41 -0.95 0.00	22.90 -0.71 0.00	22.19 -0.59 0.00	19.16 -0.53 0.00	18.12 -0.58 0.00	18.23 -0.56 0.00	18.46 -0.49 0.00	18.44 -0.51 0.00	22.00 -0.73 0.00	22.71 -0.85 0.00	22.81 -0.95 0.00	22.70 -0.87 0.00	22.63 -0.99 0.00	22.68 -0.90 0.00	22.83 -0.90 0.00	21.02 -0.90 0.00	22.58 -0.84 0.00	23.77 -0.94 0.00	24.57 -0.92 -0.01	24.78 -0.79 0.00	24.73 -0.63 0.00	25.52 -0.71 0.00	23.42 -0.67 0.00	25.43 -0.81 0.00
QUAKERRD_115KV_BK1 80622	25.53 -0.90 -0.07	22.83 -0.90 -0.11	22.03 -0.93 -0.19	19.33 -0.79 -0.43	18.40 -0.67 -0.37	18.48 -0.68 -0.36	18.62 -0.76 -0.43	18.60 -0.83 -0.49	21.87 -1.07 -0.22	22.86 -0.94 -0.24	23.08 -0.97 -0.29	22.97 -1.08 -0.48	23.34 -0.99 -0.71	23.28 -1.18 -0.88	23.51 -1.16 -0.95	22.28 -0.96 -1.33	23.93 -1.08 -1.58	25.92 -0.84 -2.05	26.78 -0.84 -2.14	26.39 -0.92 -1.74	26.06 -0.96 -1.66	26.08 -0.92 -0.77	23.68 -1.04 -0.62	25.21 -1.15 -0.13
QUENSBRY_115KV_TB8 356137	29.32 2.08 -0.88	26.93 1.89 -1.43	26.80 1.64 -2.38	26.56 1.48 -5.39	24.83 1.42 -4.71	24.78 1.41 -4.57	25.74 1.42 -5.36	26.47 1.38 -6.13	27.36 1.91 -2.73	28.70 2.07 -3.07	29.37 1.92 -3.68	31.47 1.89 -6.00	34.23 1.70 -8.91	36.20 1.56 -11.06	36.69 1.04 -11.92	39.62 0.96 -16.74	44.22 0.96 -19.84	51.69 1.14 -25.85	53.80 1.38 -26.95	48.88 1.43 -21.88	47.83 1.55 -20.93	37.61 1.65 -9.74	33.90 1.95 -7.86	29.79 1.94 -1.61
RAMAPO___LBMP 323565	28.80 1.82 -0.63	26.17 1.53 -1.03	25.85 1.37 -1.70	24.70 1.14 -3.86	23.15 1.08 -3.37	23.16 1.09 -3.27	23.91 1.12 -3.84	24.49 1.16 -4.39	26.22 1.55 -1.95	27.43 1.67 -2.20	28.23 1.83 -2.63	29.80 1.93 -4.30	32.03 2.03 -6.37	33.54 2.05 -7.92	34.37 2.11 -8.53	35.89 1.99 -11.98	39.75 2.13 -14.19	45.48 2.27 -18.49	47.11 2.34 -19.29	43.50 2.28 -15.66	42.49 2.16 -14.97	35.31 2.12 -6.97	31.67 1.95 -5.62	29.44 2.05 -1.15
RANKINE____ 23646	25.03 -1.42 -0.10	22.38 -1.39 -0.16	21.59 -1.46 -0.27	19.14 -1.16 -0.61	18.24 -0.99 -0.53	18.31 -1.00 -0.52	18.42 -1.14 -0.60	18.33 -1.31 -0.69	21.33 -1.70 -0.31	22.38 -1.53 -0.35	22.59 -1.59 -0.41	22.41 -1.84 -0.68	22.95 -1.68 -1.00	22.94 -1.89 -1.25	23.24 -1.83 -1.34	22.44 -1.36 -1.89	24.02 -1.64 -2.23	26.36 -1.26 -2.91	27.29 -1.22 -3.03	26.68 -1.36 -2.46	26.25 -1.47 -2.36	25.96 -1.36 -1.10	23.51 -1.47 -0.89	24.80 -1.63 -0.18
RAVENSWOOD_GT2_1 24244	29.29 2.27 -0.66	26.60 1.91 -1.08	26.28 1.71 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.58 1.33 -3.45	24.40 1.40 -4.04	25.03 1.46 -4.62	26.71 1.93 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.50 2.40 -4.52	32.86 2.53 -6.71	34.46 2.55 -8.34	39.13 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.18 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT2_2 24245	29.29 2.27 -0.66	26.60 1.91 -1.08	26.28 1.71 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.58 1.33 -3.45	24.40 1.40 -4.04	25.03 1.46 -4.62	26.71 1.93 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.50 2.40 -4.52	32.86 2.53 -6.71	34.46 2.55 -8.34	39.13 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.18 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21

RAVENSWOOD_GT2_3 24246	29.29 2.27 -0.66	26.63 1.94 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.59 1.35 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.73 1.95 -2.06	27.95 2.07 -2.31	28.82 2.28 -2.77	30.53 2.43 -4.52	32.88 2.55 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.50 2.79 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.21 2.65 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT2_4 24247	29.29 2.27 -0.66	26.63 1.94 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.59 1.35 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.73 1.95 -2.06	27.95 2.07 -2.31	28.82 2.28 -2.77	30.53 2.43 -4.52	32.88 2.55 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.50 2.79 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.21 2.65 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT3_1 24248	29.29 2.27 -0.66	26.60 1.91 -1.08	26.28 1.71 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.58 1.33 -3.45	24.40 1.40 -4.04	25.03 1.46 -4.62	26.71 1.93 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.50 2.40 -4.52	32.86 2.53 -6.71	34.46 2.55 -8.34	39.13 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.18 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT3_2 24249	29.29 2.27 -0.66	26.60 1.91 -1.08	26.28 1.71 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.58 1.33 -3.45	24.40 1.40 -4.04	25.03 1.46 -4.62	26.71 1.93 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.50 2.40 -4.52	32.86 2.53 -6.71	34.46 2.55 -8.34	39.13 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.18 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT3_3 24250	29.31 2.29 -0.66	26.65 1.96 -1.08	26.32 1.75 -1.79	25.20 1.44 -4.06	23.61 1.36 -3.55	23.61 1.37 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.31 -2.77	30.55 2.45 -4.52	32.91 2.57 -6.71	34.51 2.59 -8.34	39.18 2.63 -12.82	42.08 2.45 -17.71	53.19 2.62 -27.14	52.52 2.82 -25.00	48.69 2.90 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.23 2.67 -7.34	32.42 2.41 -5.92	30.00 2.55 -1.21
RAVENSWOOD_GT3_4 24251	29.31 2.29 -0.66	26.65 1.96 -1.08	26.32 1.75 -1.79	25.20 1.44 -4.06	23.61 1.36 -3.55	23.61 1.37 -3.45	24.42 1.42 -4.04	25.07 1.50 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.31 -2.77	30.55 2.45 -4.52	32.91 2.57 -6.71	34.51 2.59 -8.34	39.18 2.63 -12.82	42.08 2.45 -17.71	53.19 2.62 -27.14	52.52 2.82 -25.00	48.69 2.90 -20.31	44.89 2.84 -16.49	43.81 2.69 -15.77	36.23 2.67 -7.34	32.42 2.41 -5.92	30.00 2.55 -1.21
RAVENSWOOD_GT_1 23729	29.34 2.32 -0.66	26.63 1.94 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.56 1.31 -3.55	23.56 1.32 -3.45	24.38 1.38 -4.04	25.03 1.46 -4.62	26.76 1.98 -2.06	27.97 2.10 -2.31	28.84 2.31 -2.77	30.58 2.48 -4.53	34.84 2.62 -8.60	34.53 2.62 -8.34	39.21 2.66 -12.83	42.06 2.43 -17.71	53.21 2.65 -27.14	52.52 2.82 -25.00	48.66 2.88 -20.31	44.87 2.81 -16.49	43.79 2.66 -15.77	36.27 2.70 -7.34	32.42 2.41 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT_10 24258	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.03 1.46 -4.62	26.71 1.93 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.50 2.40 -4.52	32.86 2.53 -6.71	34.46 2.55 -8.34	39.13 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.18 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT_11 24259	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.03 1.46 -4.62	26.71 1.93 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.50 2.40 -4.52	32.86 2.53 -6.71	34.46 2.55 -8.34	39.13 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.18 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT_4 24252	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.59 1.35 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.73 1.95 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.51 2.40 -4.53	34.27 2.50 -8.15	34.46 2.55 -8.34	39.14 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.19 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT_5 24254	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.59 1.35 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.73 1.95 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.51 2.40 -4.53	34.27 2.50 -8.15	34.46 2.55 -8.34	39.14 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.19 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT_6 24253	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.59 1.35 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.73 1.95 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.51 2.40 -4.53	34.27 2.50 -8.15	34.46 2.55 -8.34	39.14 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.19 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT_7 24255	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.59 1.35 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.73 1.95 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.51 2.40 -4.53	34.27 2.50 -8.15	34.46 2.55 -8.34	39.14 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.19 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.03 1.46 -4.62	26.71 1.93 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.50 2.40 -4.52	32.86 2.53 -6.71	34.46 2.55 -8.34	39.13 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.18 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD_GT_9 24257	29.29 2.27 -0.66	26.60 1.91 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.03 1.46 -4.62	26.71 1.93 -2.06	27.95 2.07 -2.31	28.80 2.26 -2.77	30.50 2.40 -4.52	32.86 2.53 -6.71	34.46 2.55 -8.34	39.13 2.59 -12.82	42.03 2.41 -17.71	53.14 2.58 -27.14	52.47 2.77 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.18 2.62 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21

RAVENSWOOD___1 23533	29.31 2.29 -0.66	26.63 1.94 -1.08	26.28 1.71 -1.79	25.18 1.42 -4.06	23.56 1.31 -3.55	23.56 1.32 -3.45	24.38 1.38 -4.04	25.01 1.44 -4.62	26.74 1.95 -2.06	27.92 2.05 -2.31	28.80 2.26 -2.77	30.57 2.47 -4.52	32.96 2.62 -6.71	34.55 2.64 -8.34	39.23 2.68 -12.82	42.06 2.43 -17.71	53.21 2.65 -27.14	52.47 2.77 -25.00	48.61 2.83 -20.31	44.77 2.71 -16.49	43.71 2.59 -15.77	36.23 2.68 -7.34	32.40 2.39 -5.92	29.97 2.52 -1.21
RAVENSWOOD___2 23534	29.31 2.29 -0.66	26.60 1.91 -1.08	26.28 1.71 -1.79	25.16 1.40 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.71 1.93 -2.06	27.92 2.05 -2.31	28.80 2.26 -2.77	30.55 2.45 -4.52	32.93 2.60 -6.71	34.55 2.64 -8.34	39.23 2.68 -12.82	42.06 2.43 -17.71	53.21 2.65 -27.14	52.45 2.74 -25.00	48.61 2.83 -20.31	44.77 2.71 -16.49	43.71 2.59 -15.77	36.23 2.68 -7.34	32.38 2.36 -5.92	29.95 2.49 -1.21
RAVENSWOOD___3 23535	29.29 2.27 -0.66	26.60 1.91 -1.08	26.28 1.71 -1.79	25.18 1.42 -4.06	23.58 1.33 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.03 1.46 -4.62	26.71 1.93 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.50 2.41 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.06 2.43 -17.71	53.19 2.62 -27.14	52.45 2.74 -25.00	48.58 2.80 -20.31	44.77 2.71 -16.49	43.71 2.59 -15.77	36.16 2.60 -7.34	32.38 2.36 -5.92	29.97 2.52 -1.21
RAVENSWOOD___4 23820	29.29 2.27 -0.66	26.60 1.91 -1.08	26.26 1.69 -1.79	25.16 1.40 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.37 -4.04	25.01 1.44 -4.62	26.71 1.93 -2.06	27.92 2.05 -2.31	28.77 2.23 -2.77	30.54 2.45 -4.51	31.08 2.60 -4.86	34.55 2.64 -8.34	39.22 2.68 -12.81	42.06 2.43 -17.71	53.19 2.62 -27.14	52.45 2.74 -25.00	48.58 2.80 -20.31	44.77 2.71 -16.49	43.71 2.59 -15.77	36.23 2.68 -7.33	32.38 2.36 -5.92	29.95 2.49 -1.21
RCPL_TRUST___DRP 24196	29.29 2.27 -0.66	26.63 1.94 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.59 1.35 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.73 1.95 -2.06	27.97 2.10 -2.31	28.82 2.28 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.08 2.45 -17.70	53.14 2.58 -27.13	52.50 2.79 -25.00	48.66 2.88 -20.30	44.87 2.81 -16.49	43.79 2.66 -15.77	36.15 2.60 -7.33	32.40 2.39 -5.92	30.00 2.55 -1.21
RED___ROCHESTER 323720	26.09 -0.34 -0.07	23.30 -0.42 -0.12	22.47 -0.50 -0.20	19.72 -0.41 -0.44	18.79 -0.30 -0.39	18.87 -0.30 -0.38	19.00 -0.40 -0.44	18.96 -0.49 -0.50	22.27 -0.68 -0.22	23.23 -0.59 -0.25	23.35 -0.71 -0.30	23.43 -0.64 -0.49	23.81 -0.54 -0.73	23.78 -0.71 -0.91	24.00 -0.71 -0.98	22.68 -0.61 -1.38	24.45 -0.61 -1.63	26.14 -0.69 -2.12	26.95 -0.74 -2.21	26.57 -0.79 -1.80	26.27 -0.81 -1.72	26.26 -0.76 -0.80	23.94 -0.79 -0.65	25.72 -0.65 -0.13
REGAN___SOLAR 323812	30.38 3.06 -0.96	27.87 2.69 -1.57	27.69 2.30 -2.61	27.68 2.07 -5.92	25.83 1.96 -5.17	25.77 1.95 -5.02	26.81 1.97 -5.89	27.59 1.91 -6.73	28.24 2.52 -3.00	29.48 2.55 -3.37	30.37 2.57 -4.04	32.54 2.38 -6.59	35.83 2.43 -9.78	37.98 2.26 -12.14	39.11 2.30 -13.08	42.53 2.24 -18.37	47.59 2.39 -21.77	55.91 2.84 -28.36	58.16 3.11 -29.58	52.80 3.22 -24.01	51.49 3.17 -22.96	40.08 3.17 -10.68	35.49 2.77 -8.62	30.79 2.78 -1.77
RENSSELAER___COGEN 23796	27.94 0.74 -0.84	25.70 0.71 -1.38	25.96 0.89 -2.29	25.68 0.79 -5.20	23.99 0.75 -4.54	23.95 0.75 -4.41	24.86 0.74 -5.17	25.48 0.62 -5.91	26.06 0.71 -2.63	27.25 0.73 -2.96	28.07 0.76 -3.55	30.07 0.71 -5.78	32.91 0.71 -8.58	34.92 0.68 -10.66	35.90 0.69 -11.48	38.73 0.68 -16.13	43.27 0.73 -19.11	50.38 0.77 -24.90	52.21 0.76 -25.97	47.42 0.77 -21.08	46.28 0.76 -20.16	36.42 0.81 -9.38	32.39 0.72 -7.57	28.55 0.76 -1.55
REPUBLIC_115KV_BARTNBRK 55605	30.58 3.35 -0.88	28.09 3.05 -1.43	27.77 2.62 -2.38	27.43 2.34 -5.39	25.67 2.26 -4.71	25.60 2.24 -4.57	26.57 2.26 -5.36	27.31 2.24 -6.13	28.59 3.14 -2.73	30.02 3.39 -3.07	30.72 3.28 -3.68	32.78 3.21 -6.00	35.38 2.86 -8.90	37.25 2.62 -11.06	37.75 2.11 -11.91	40.64 1.99 -16.73	45.29 2.04 -19.82	52.91 2.37 -25.83	55.01 2.60 -26.93	50.10 2.66 -21.87	49.03 2.76 -20.91	38.84 2.88 -9.73	34.86 2.92 -7.85	30.76 2.91 -1.61
REVERE_CPPR_DRP 24186	27.28 0.90 -0.03	24.41 0.76 -0.05	23.56 0.71 -0.08	20.49 0.61 -0.18	19.45 0.60 -0.16	19.55 0.60 -0.15	19.78 0.64 -0.18	19.70 0.55 -0.21	23.43 0.61 -0.09	24.30 0.64 -0.10	24.51 0.62 -0.12	24.32 0.54 -0.20	24.44 0.52 -0.30	24.37 0.42 -0.37	24.56 0.43 -0.40	22.92 0.44 -0.56	24.59 0.49 -0.67	26.24 0.67 -0.87	27.13 0.74 -0.92	27.15 0.84 -0.73	26.85 0.79 -0.70	27.42 0.87 -0.33	25.08 0.72 -0.26	27.03 0.73 -0.05
REYNOLDS_115KV_TB3 80639	28.13 0.92 -0.85	25.87 0.87 -1.38	26.03 0.96 -2.29	25.75 0.85 -5.21	24.05 0.80 -4.55	24.02 0.81 -4.41	24.93 0.80 -5.18	25.61 0.74 -5.92	26.25 0.89 -2.64	27.47 0.94 -2.96	28.27 0.95 -3.55	30.26 0.90 -5.79	33.09 0.87 -8.60	35.10 0.85 -10.68	36.08 0.85 -11.50	38.89 0.81 -16.16	43.41 0.84 -19.14	50.57 0.91 -24.94	52.43 0.94 -26.01	47.63 0.95 -21.12	46.49 0.94 -20.19	36.64 1.02 -9.40	32.59 0.92 -7.58	28.74 0.94 -1.55
RIVERBAY____ 323610	29.55 2.53 -0.66	26.82 2.12 -1.08	26.44 1.87 -1.79	25.31 1.56 -4.06	23.65 1.40 -3.55	23.63 1.39 -3.45	24.44 1.44 -4.04	25.10 1.53 -4.62	26.80 2.02 -2.06	28.04 2.17 -2.31	28.91 2.38 -2.77	30.67 2.57 -4.52	33.07 2.74 -6.71	34.65 2.73 -8.34	39.32 2.78 -12.82	42.14 2.52 -17.71	53.33 2.76 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.89 2.76 -15.77	36.36 2.81 -7.34	32.52 2.51 -5.92	30.08 2.62 -1.21
RIVERSDE_115KV_TB3 55908	28.05 0.84 -0.85	25.82 0.83 -1.39	26.04 0.96 -2.30	25.76 0.85 -5.22	24.06 0.80 -4.56	24.03 0.81 -4.42	24.94 0.80 -5.19	25.58 0.70 -5.93	26.18 0.82 -2.64	27.40 0.87 -2.97	28.23 0.90 -3.56	30.21 0.83 -5.81	33.07 0.83 -8.62	35.08 0.80 -10.71	36.07 0.81 -11.53	38.86 0.75 -16.20	43.39 0.77 -19.19	50.58 0.86 -25.01	52.42 0.87 -26.08	47.61 0.87 -21.17	46.47 0.86 -20.25	36.56 0.92 -9.42	32.52 0.82 -7.60	28.67 0.87 -1.56
ROARING___BROOK_WT_PWR 323790	25.62 -0.74 0.00	23.00 -0.61 0.00	22.23 -0.55 0.00	19.22 -0.47 0.00	18.25 -0.45 0.00	18.34 -0.45 0.00	18.50 -0.46 0.00	18.48 -0.47 0.00	22.16 -0.57 0.00	22.95 -0.61 0.00	23.15 -0.62 0.00	22.96 -0.61 0.00	22.99 -0.64 0.00	22.94 -0.64 0.00	23.09 -0.64 0.00	21.28 -0.64 0.00	22.77 -0.66 0.00	24.04 -0.67 0.00	24.84 -0.64 0.00	25.01 -0.56 0.00	24.88 -0.48 0.00	25.75 -0.47 0.00	23.68 -0.41 0.00	25.79 -0.45 0.00
ROCHESRG_115KV_T4 355643	25.82 -0.61 -0.07	23.09 -0.64 -0.12	22.27 -0.71 -0.19	19.56 -0.57 -0.44	18.62 -0.47 -0.38	18.70 -0.47 -0.37	18.84 -0.55 -0.44	18.77 -0.68 -0.50	22.04 -0.91 -0.22	23.08 -0.73 -0.25	23.28 -0.78 -0.30	23.15 -0.92 -0.49	23.55 -0.80 -0.73	23.49 -0.99 -0.90	23.73 -0.97 -0.97	22.56 -0.72 -1.36	24.18 -0.87 -1.62	26.27 -0.54 -2.11	27.14 -0.54 -2.20	26.74 -0.61 -1.78	26.38 -0.68 -1.71	26.44 -0.58 -0.79	23.96 -0.77 -0.64	25.51 -0.87 -0.13

ROCHESTER_9_IC 23652	25.98 -0.45 -0.07	23.21 -0.52 -0.12	22.38 -0.59 -0.20	19.64 -0.49 -0.44	18.71 -0.37 -0.39	18.80 -0.38 -0.38	18.92 -0.47 -0.44	18.87 -0.59 -0.50	22.17 -0.77 -0.22	23.20 -0.61 -0.25	23.43 -0.64 -0.30	23.29 -0.78 -0.49	23.69 -0.66 -0.73	23.64 -0.85 -0.91	23.88 -0.83 -0.98	22.68 -0.61 -1.38	24.33 -0.73 -1.63	26.44 -0.40 -2.12	27.31 -0.38 -2.21	26.88 -0.49 -1.80	26.55 -0.53 -1.72	26.60 -0.42 -0.80	24.11 -0.63 -0.65	25.61 -0.76 -0.13
ROCKVIEW_13_KV_LD 356306	29.23 2.21 -0.66	26.58 1.89 -1.08	26.26 1.69 -1.79	25.16 1.40 -4.06	23.58 1.33 -3.55	23.58 1.33 -3.45	24.38 1.38 -4.04	25.03 1.46 -4.62	26.71 1.93 -2.06	27.95 2.07 -2.31	28.82 2.28 -2.77	30.48 2.38 -4.52	32.84 2.50 -6.71	34.44 2.52 -8.34	39.13 2.59 -12.82	42.06 2.43 -17.71	53.16 2.60 -27.14	52.50 2.79 -25.00	48.66 2.88 -20.31	44.87 2.81 -16.49	43.79 2.66 -15.77	36.16 2.60 -7.34	32.35 2.34 -5.92	29.92 2.47 -1.21
ROME____115KV_TB2 80656	27.28 0.90 -0.03	24.41 0.76 -0.05	23.56 0.71 -0.08	20.49 0.61 -0.18	19.45 0.60 -0.16	19.55 0.60 -0.15	19.78 0.64 -0.18	19.70 0.55 -0.21	23.43 0.61 -0.09	24.30 0.64 -0.10	24.51 0.62 -0.12	24.32 0.54 -0.20	24.44 0.52 -0.30	24.37 0.42 -0.37	24.56 0.43 -0.40	22.92 0.44 -0.56	24.59 0.49 -0.67	26.24 0.67 -0.87	27.13 0.74 -0.92	27.15 0.84 -0.73	26.85 0.79 -0.70	27.42 0.87 -0.33	25.08 0.72 -0.26	27.03 0.73 -0.05
ROSETON____1 23587	28.71 1.69 -0.66	26.13 1.44 -1.08	25.87 1.30 -1.79	24.84 1.08 -4.06	23.27 1.03 -3.55	23.29 1.05 -3.44	24.05 1.06 -4.04	24.67 1.10 -4.62	26.24 1.46 -2.06	27.43 1.55 -2.31	28.20 1.66 -2.77	29.87 1.77 -4.52	32.18 1.84 -6.71	33.77 1.86 -8.33	34.60 1.90 -8.98	36.35 1.82 -12.61	40.31 1.94 -14.94	46.20 2.03 -19.47	47.84 2.06 -20.30	44.07 2.02 -16.48	43.05 1.93 -15.76	35.50 1.94 -7.33	31.77 1.76 -5.92	29.32 1.86 -1.21
ROSETON____2 23588	28.71 1.69 -0.66	26.13 1.44 -1.08	25.87 1.30 -1.79	24.84 1.08 -4.06	23.27 1.03 -3.55	23.29 1.05 -3.44	24.05 1.06 -4.04	24.67 1.10 -4.62	26.24 1.46 -2.06	27.43 1.55 -2.31	28.20 1.66 -2.77	29.87 1.77 -4.52	32.18 1.84 -6.71	33.77 1.86 -8.33	34.60 1.90 -8.98	36.35 1.82 -12.61	40.31 1.94 -14.94	46.20 2.03 -19.47	47.84 2.06 -20.30	44.07 2.02 -16.48	43.05 1.93 -15.76	35.50 1.94 -7.33	31.77 1.76 -5.92	29.32 1.86 -1.21
ROTTDAM_115KV_TB3 80664	28.35 1.11 -0.89	26.03 0.97 -1.45	26.05 0.87 -2.40	25.92 0.77 -5.45	24.19 0.73 -4.76	24.15 0.73 -4.62	25.12 0.74 -5.42	25.87 0.72 -6.20	26.42 0.93 -2.76	27.66 0.99 -3.10	28.49 1.00 -3.72	30.64 0.99 -6.07	33.62 0.99 -9.01	35.71 0.94 -11.19	36.68 0.90 -12.05	39.70 0.85 -16.93	44.38 0.89 -20.06	51.86 1.01 -26.14	53.80 1.07 -27.25	48.80 1.10 -22.13	47.61 1.09 -21.16	37.20 1.13 -9.85	33.10 1.06 -7.95	28.95 1.08 -1.63
RUSSELL____1 23602	26.09 -0.34 -0.07	23.30 -0.42 -0.12	22.47 -0.50 -0.20	19.72 -0.41 -0.44	18.79 -0.30 -0.39	18.87 -0.30 -0.38	19.00 -0.40 -0.44	18.96 -0.49 -0.50	22.27 -0.68 -0.22	23.32 -0.49 -0.25	23.54 -0.52 -0.30	23.43 -0.64 -0.49	23.81 -0.54 -0.73	23.75 -0.73 -0.91	24.00 -0.71 -0.98	22.77 -0.53 -1.38	24.45 -0.61 -1.63	26.59 -0.25 -2.12	27.44 -0.25 -2.21	27.01 -0.36 -1.80	26.67 -0.41 -1.72	26.73 -0.29 -0.80	24.21 -0.53 -0.65	25.72 -0.66 -0.13
RUSSELL____2 23532	26.09 -0.34 -0.07	23.30 -0.42 -0.12	22.47 -0.50 -0.20	19.72 -0.41 -0.44	18.79 -0.30 -0.39	18.87 -0.30 -0.38	19.00 -0.40 -0.44	18.96 -0.49 -0.50	22.27 -0.68 -0.22	23.32 -0.49 -0.25	23.54 -0.52 -0.30	23.43 -0.64 -0.49	23.81 -0.54 -0.73	23.75 -0.73 -0.91	24.00 -0.71 -0.98	22.77 -0.53 -1.38	24.45 -0.61 -1.63	26.59 -0.25 -2.12	27.44 -0.25 -2.21	27.01 -0.36 -1.80	26.67 -0.41 -1.72	26.73 -0.29 -0.80	24.21 -0.53 -0.65	25.72 -0.66 -0.13
RUSSELL____3 23549	26.09 -0.34 -0.07	23.30 -0.42 -0.12	22.47 -0.50 -0.20	19.72 -0.41 -0.44	18.79 -0.30 -0.39	18.87 -0.30 -0.38	19.00 -0.40 -0.44	18.96 -0.49 -0.50	22.27 -0.68 -0.22	23.32 -0.49 -0.25	23.54 -0.52 -0.30	23.43 -0.64 -0.49	23.81 -0.54 -0.73	23.75 -0.73 -0.91	24.00 -0.71 -0.98	22.77 -0.53 -1.38	24.45 -0.61 -1.63	26.59 -0.25 -2.12	27.44 -0.25 -2.21	27.01 -0.36 -1.80	26.67 -0.41 -1.72	26.73 -0.29 -0.80	24.21 -0.53 -0.65	25.72 -0.66 -0.13
RUSSELL____4 23556	26.09 -0.34 -0.07	23.30 -0.42 -0.12	22.47 -0.50 -0.20	19.72 -0.41 -0.44	18.79 -0.30 -0.39	18.87 -0.30 -0.38	19.00 -0.40 -0.44	18.96 -0.49 -0.50	22.27 -0.68 -0.22	23.32 -0.49 -0.25	23.54 -0.52 -0.30	23.43 -0.64 -0.49	23.81 -0.54 -0.73	23.75 -0.73 -0.91	24.00 -0.71 -0.98	22.77 -0.53 -1.38	24.45 -0.61 -1.63	26.59 -0.25 -2.12	27.44 -0.25 -2.21	27.01 -0.36 -1.80	26.67 -0.41 -1.72	26.73 -0.29 -0.80	24.21 -0.53 -0.65	25.72 -0.66 -0.13
RUSSELL____STATION 23914	26.09 -0.34 -0.07	23.30 -0.42 -0.12	22.47 -0.50 -0.20	19.72 -0.41 -0.44	18.79 -0.30 -0.39	18.87 -0.30 -0.38	19.00 -0.40 -0.44	18.96 -0.49 -0.50	22.27 -0.68 -0.22	23.32 -0.49 -0.25	23.54 -0.52 -0.30	23.43 -0.64 -0.49	23.81 -0.54 -0.73	23.75 -0.73 -0.91	24.00 -0.71 -0.98	22.77 -0.53 -1.38	24.45 -0.61 -1.63	26.59 -0.25 -2.12	27.44 -0.25 -2.21	27.01 -0.36 -1.80	26.67 -0.41 -1.72	26.73 -0.29 -0.80	24.21 -0.53 -0.65	25.72 -0.66 -0.13
S SALMON____HYD 24043	26.22 -0.18 -0.04	23.46 -0.21 -0.07	22.64 -0.25 -0.11	19.73 -0.22 -0.25	18.73 -0.19 -0.22	18.79 -0.22 -0.22	18.94 -0.27 -0.25	18.92 -0.32 -0.29	22.40 -0.45 -0.13	23.30 -0.40 -0.14	23.49 -0.45 -0.17	23.41 -0.45 -0.28	23.57 -0.47 -0.42	23.58 -0.52 -0.52	23.70 -0.59 -0.56	22.20 -0.50 -0.79	23.82 -0.54 -0.93	25.41 -0.52 -1.22	26.32 -0.48 -1.33	26.19 -0.41 -1.03	25.91 -0.43 -0.99	26.29 -0.39 -0.46	24.13 -0.34 -0.37	25.95 -0.37 -0.08
S.PERRY__115KV_TB1 80734	26.54 0.08 -0.10	23.73 -0.05 -0.17	22.90 -0.16 -0.28	20.22 -0.12 -0.64	19.24 -0.02 -0.56	19.34 0.00 -0.54	19.46 -0.13 -0.64	19.32 -0.36 -0.73	22.28 -0.77 -0.33	23.20 -0.73 -0.37	23.32 -0.88 -0.44	23.23 -1.06 -0.71	23.69 -0.99 -1.06	23.81 -1.08 -1.32	24.10 -1.04 -1.42	23.17 -0.75 -1.99	24.95 -0.84 -2.36	27.42 -0.37 -3.08	28.56 -0.13 -3.21	28.20 0.03 -2.60	27.90 0.05 -2.49	27.54 0.16 -1.16	24.91 -0.12 -0.94	26.17 -0.26 -0.19
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.95 -1.50 -0.09	22.32 -1.44 -0.15	21.53 -1.50 -0.26	19.07 -1.20 -0.58	18.18 -1.03 -0.51	18.23 -1.05 -0.49	18.34 -1.19 -0.58	18.21 -1.40 -0.66	21.20 -1.82 -0.29	22.27 -1.63 -0.33	22.47 -1.69 -0.40	22.29 -1.93 -0.65	22.79 -1.80 -0.96	22.76 -2.00 -1.19	23.07 -1.95 -1.28	22.27 -1.45 -1.80	23.83 -1.73 -2.13	26.16 -1.33 -2.78	27.05 -1.32 -2.90	26.49 -1.43 -2.35	26.04 -1.57 -2.25	25.83 -1.44 -1.05	23.40 -1.54 -0.85	24.68 -1.73 -0.17
SAWYER____23_KV_LOAD 55526	24.95 -1.50 -0.09	22.32 -1.44 -0.15	21.53 -1.50 -0.26	19.07 -1.20 -0.58	18.18 -1.03 -0.51	18.23 -1.05 -0.49	18.34 -1.19 -0.58	18.21 -1.40 -0.66	21.20 -1.82 -0.29	22.27 -1.63 -0.33	22.47 -1.69 -0.40	22.29 -1.93 -0.65	22.79 -1.80 -0.96	22.76 -2.00 -1.19	23.07 -1.95 -1.28	22.27 -1.45 -1.80	23.83 -1.73 -2.13	26.16 -1.33 -2.78	27.05 -1.32 -2.90	26.49 -1.43 -2.35	26.04 -1.57 -2.25	25.83 -1.44 -1.05	23.40 -1.54 -0.85	24.68 -1.73 -0.17

SELKIRK___I 23801	28.11 0.92 -0.83	25.84 0.87 -1.36	25.96 0.93 -2.25	25.63 0.83 -5.11	23.96 0.80 -4.46	23.93 0.81 -4.33	24.81 0.78 -5.08	25.44 0.68 -5.81	26.10 0.79 -2.59	27.24 0.78 -2.91	28.01 0.76 -3.49	29.97 0.71 -5.68	32.74 0.69 -8.43	34.71 0.66 -10.48	35.70 0.69 -11.28	38.45 0.68 -15.85	42.96 0.75 -18.78	49.99 0.81 -24.47	51.86 0.87 -25.52	47.16 0.87 -20.72	46.06 0.89 -19.81	36.38 0.94 -9.22	32.38 0.84 -7.44	28.66 0.89 -1.53
SELKIRK___II 23799	28.02 0.82 -0.84	25.74 0.76 -1.38	25.88 0.82 -2.28	25.60 0.73 -5.17	23.91 0.69 -4.52	23.88 0.70 -4.39	24.80 0.70 -5.14	25.46 0.62 -5.88	26.07 0.73 -2.62	27.26 0.75 -2.94	28.08 0.78 -3.53	30.09 0.75 -5.76	32.92 0.76 -8.54	34.92 0.73 -10.61	35.92 0.76 -11.43	38.70 0.72 -16.06	43.25 0.80 -19.03	50.34 0.84 -24.79	52.17 0.84 -25.85	47.40 0.84 -20.99	46.26 0.84 -20.07	36.43 0.86 -9.34	32.42 0.79 -7.54	28.60 0.81 -1.54
SENECA OSWGO___HYD 24041	26.25 -0.16 -0.05	23.50 -0.19 -0.08	22.68 -0.23 -0.13	19.78 -0.20 -0.29	18.78 -0.17 -0.25	18.87 -0.17 -0.24	19.05 -0.19 -0.28	19.07 -0.21 -0.32	22.57 -0.30 -0.14	23.42 -0.31 -0.16	23.63 -0.33 -0.19	23.56 -0.33 -0.32	23.76 -0.33 -0.47	23.81 -0.35 -0.59	23.98 -0.38 -0.63	22.48 -0.33 -0.89	24.13 -0.35 -1.05	25.71 -0.37 -1.37	26.61 -0.38 -1.51	26.35 -0.38 -1.16	26.06 -0.41 -1.11	26.32 -0.42 -0.52	24.15 -0.36 -0.42	25.96 -0.37 -0.09
SENECA___115KV_TB3 355854	25.06 -1.40 -0.10	22.43 -1.35 -0.16	21.61 -1.44 -0.27	19.18 -1.12 -0.61	18.28 -0.95 -0.53	18.33 -0.98 -0.52	18.44 -1.12 -0.60	18.37 -1.27 -0.69	21.35 -1.68 -0.31	22.42 -1.48 -0.35	22.63 -1.54 -0.41	22.46 -1.79 -0.68	22.97 -1.65 -1.00	22.98 -1.84 -1.25	23.29 -1.78 -1.34	22.49 -1.32 -1.89	24.07 -1.59 -2.23	26.38 -1.24 -2.91	27.31 -1.20 -3.03	26.73 -1.30 -2.46	26.27 -1.45 -2.36	25.98 -1.34 -1.10	23.56 -1.42 -0.89	24.82 -1.60 -0.18
SENECA___ENERGY 23797	26.25 -0.18 -0.08	23.47 -0.26 -0.12	22.67 -0.32 -0.21	19.91 -0.26 -0.47	18.90 -0.21 -0.41	18.99 -0.21 -0.40	19.19 -0.23 -0.47	19.22 -0.27 -0.53	22.57 -0.39 -0.24	23.47 -0.35 -0.27	23.68 -0.40 -0.32	23.70 -0.40 -0.52	24.04 -0.35 -0.77	24.11 -0.42 -0.96	24.34 -0.43 -1.04	23.02 -0.35 -1.45	24.80 -0.35 -1.72	26.61 -0.35 -2.25	27.52 -0.33 -2.38	27.11 -0.36 -1.90	26.80 -0.38 -1.82	26.68 -0.39 -0.85	24.39 -0.39 -0.68	26.04 -0.34 -0.14
SHOEMAKER___GT 23640	28.42 1.48 -0.59	25.82 1.25 -0.96	25.48 1.12 -1.59	24.23 0.93 -3.61	22.73 0.88 -3.15	22.75 0.90 -3.06	23.43 0.89 -3.59	23.94 0.89 -4.10	25.75 1.20 -1.83	26.89 1.27 -2.05	27.60 1.38 -2.46	29.05 1.46 -4.01	31.11 1.53 -5.96	32.53 1.56 -7.40	33.29 1.59 -7.97	34.62 1.51 -11.19	38.38 1.69 -13.26	43.74 1.75 -17.28	45.28 1.78 -18.02	41.94 1.74 -14.63	41.02 1.67 -13.99	34.39 1.65 -6.51	30.82 1.47 -5.25	28.89 1.57 -1.08
SHOEMAKR_138KV_BK 111 55601	28.42 1.48 -0.58	25.81 1.25 -0.95	25.47 1.12 -1.57	24.19 0.93 -3.57	22.70 0.88 -3.12	22.73 0.90 -3.03	23.42 0.91 -3.55	23.92 0.91 -4.06	25.76 1.23 -1.81	26.91 1.32 -2.03	27.63 1.43 -2.44	29.04 1.49 -3.98	31.08 1.56 -5.90	32.49 1.58 -7.33	33.24 1.61 -7.89	34.54 1.53 -11.09	38.23 1.66 -13.14	43.64 1.80 -17.12	45.16 1.83 -17.85	41.88 1.82 -14.50	40.92 1.70 -13.86	34.35 1.68 -6.45	30.82 1.52 -5.21	28.91 1.60 -1.07
SHOREHAM_IC_1 23715	35.86 2.61 -6.89	34.91 2.20 -9.10	34.32 1.98 -9.56	31.47 1.67 -10.10	29.32 1.59 -9.03	32.09 1.60 -11.69	25.60 1.63 -5.01	27.82 1.69 -7.18	33.07 2.14 -8.21	34.93 2.24 -9.13	39.40 2.52 -13.12	42.21 2.69 -15.94	44.41 2.79 -18.00	59.85 2.85 -33.42	65.61 2.89 -38.98	70.54 2.74 -45.88	78.10 3.02 -51.65	99.55 3.16 -71.68	66.09 3.26 -37.35	58.83 3.22 -30.04	50.51 3.04 -22.11	52.79 3.07 -23.50	39.41 2.75 -12.57	38.13 2.91 -8.98
SHOREHAM_IC_2 23716	35.86 2.61 -6.89	34.91 2.20 -9.10	34.32 1.98 -9.56	31.47 1.67 -10.10	29.32 1.59 -9.03	32.09 1.60 -11.69	25.60 1.63 -5.01	27.82 1.69 -7.18	33.07 2.14 -8.21	34.93 2.24 -9.13	39.40 2.52 -13.12	42.21 2.69 -15.94	44.41 2.79 -18.00	59.85 2.85 -33.42	65.61 2.89 -38.98	70.54 2.74 -45.88	78.10 3.02 -51.65	99.55 3.16 -71.68	66.09 3.26 -37.35	58.83 3.22 -30.04	50.51 3.04 -22.11	52.79 3.07 -23.50	39.41 2.75 -12.57	38.13 2.91 -8.98
SISSONVILLE____ 23735	24.96 -1.40 0.00	22.50 -1.11 0.00	21.80 -0.98 0.00	18.83 -0.87 0.00	17.80 -0.90 0.00	17.91 -0.88 0.00	18.14 -0.82 0.00	18.13 -0.81 0.00	21.63 -1.09 0.00	22.38 -1.18 0.00	22.51 -1.26 0.00	22.37 -1.20 0.00	22.32 -1.30 0.00	22.37 -1.20 0.00	22.52 -1.21 0.00	20.73 -1.18 0.00	22.26 -1.17 0.00	23.42 -1.28 0.00	24.19 -1.30 -0.01	24.37 -1.20 0.00	24.32 -1.04 0.00	25.10 -1.13 0.00	23.03 -1.06 0.00	25.03 -1.21 0.00
SITHE_IND_GS1 24169	25.92 -0.47 -0.04	23.20 -0.47 -0.06	22.40 -0.48 -0.10	19.51 -0.41 -0.23	18.52 -0.37 -0.20	18.61 -0.38 -0.19	18.78 -0.40 -0.22	18.77 -0.44 -0.26	22.27 -0.57 -0.11	23.08 -0.61 -0.13	23.28 -0.64 -0.15	23.19 -0.64 -0.25	23.36 -0.64 -0.37	23.38 -0.66 -0.46	23.56 -0.66 -0.50	22.03 -0.59 -0.70	23.63 -0.63 -0.83	25.10 -0.69 -1.08	25.64 -0.71 -0.88	25.77 -0.72 -0.92	25.50 -0.74 -0.88	25.87 -0.76 -0.41	23.75 -0.67 -0.33	25.65 -0.65 -0.07
SITHE_IND_GS2 24170	25.92 -0.47 -0.04	23.20 -0.47 -0.06	22.40 -0.48 -0.10	19.51 -0.41 -0.23	18.52 -0.37 -0.20	18.61 -0.38 -0.19	18.78 -0.40 -0.22	18.77 -0.44 -0.26	22.27 -0.57 -0.11	23.08 -0.61 -0.13	23.28 -0.64 -0.15	23.19 -0.64 -0.25	23.36 -0.64 -0.37	23.38 -0.66 -0.46	23.56 -0.66 -0.50	22.03 -0.59 -0.70	23.63 -0.63 -0.83	25.10 -0.69 -1.08	25.64 -0.71 -0.88	25.77 -0.72 -0.92	25.50 -0.74 -0.88	25.87 -0.76 -0.41	23.75 -0.67 -0.33	25.65 -0.65 -0.07
SITHE_IND_GS3 24171	25.92 -0.47 -0.04	23.20 -0.47 -0.06	22.40 -0.48 -0.10	19.51 -0.41 -0.23	18.52 -0.37 -0.20	18.61 -0.38 -0.19	18.78 -0.40 -0.22	18.77 -0.44 -0.26	22.27 -0.57 -0.11	23.08 -0.61 -0.13	23.28 -0.64 -0.15	23.19 -0.64 -0.25	23.36 -0.64 -0.37	23.38 -0.66 -0.46	23.56 -0.66 -0.50	22.03 -0.59 -0.70	23.63 -0.63 -0.83	25.10 -0.69 -1.08	25.64 -0.71 -0.88	25.77 -0.72 -0.92	25.50 -0.74 -0.88	25.87 -0.76 -0.41	23.75 -0.67 -0.33	25.65 -0.65 -0.07
SITHE_IND_GS4 24172	25.92 -0.47 -0.04	23.20 -0.47 -0.06	22.40 -0.48 -0.10	19.51 -0.41 -0.23	18.52 -0.37 -0.20	18.61 -0.38 -0.19	18.78 -0.40 -0.22	18.77 -0.44 -0.26	22.27 -0.57 -0.11	23.08 -0.61 -0.13	23.28 -0.64 -0.15	23.19 -0.64 -0.25	23.36 -0.64 -0.37	23.38 -0.66 -0.46	23.56 -0.66 -0.50	22.03 -0.59 -0.70	23.63 -0.63 -0.83	25.10 -0.69 -1.08	25.64 -0.71 -0.88	25.77 -0.72 -0.92	25.50 -0.74 -0.88	25.87 -0.76 -0.41	23.75 -0.67 -0.33	25.65 -0.65 -0.07
SITHE___BATAVIA 24024	25.76 -0.69 -0.08	23.01 -0.73 -0.14	22.16 -0.84 -0.23	19.52 -0.69 -0.51	18.62 -0.52 -0.45	18.72 -0.51 -0.43	18.80 -0.66 -0.51	18.70 -0.83 -0.58	21.82 -1.16 -0.26	22.77 -1.08 -0.29	22.83 -1.28 -0.35	22.90 -1.25 -0.57	23.33 -1.13 -0.84	23.28 -1.34 -1.05	23.53 -1.33 -1.13	22.36 -1.14 -1.59	24.16 -1.15 -1.88	25.85 -1.31 -2.45	26.68 -1.35 -2.55	26.21 -1.43 -2.07	25.97 -1.37 -1.98	25.81 -1.34 -0.92	23.51 -1.33 -0.74	25.32 -1.08 -0.15

SITHE___INDEPEND 23800	25.92 -0.47 -0.04	23.20 -0.47 -0.06	22.40 -0.48 -0.10	19.51 -0.41 -0.23	18.52 -0.37 -0.20	18.61 -0.38 -0.19	18.78 -0.40 -0.22	18.77 -0.44 -0.26	22.27 -0.57 -0.11	23.15 -0.54 -0.13	23.35 -0.57 -0.15	23.19 -0.64 -0.25	23.36 -0.64 -0.37	23.38 -0.66 -0.46	23.56 -0.66 -0.50	21.94 -0.68 -0.70	23.51 -0.75 -0.83	25.05 -0.74 -1.08	25.59 -0.76 -0.88	25.72 -0.77 -0.92	25.45 -0.79 -0.88	25.84 -0.79 -0.41	23.72 -0.70 -0.33	25.65 -0.66 -0.07
SITHE___MASSENA 23902	25.49 -0.87 0.00	22.97 -0.64 0.00	22.23 -0.55 0.00	19.20 -0.49 0.00	18.18 -0.52 0.00	18.29 -0.51 0.00	18.50 -0.46 0.00	18.51 -0.44 0.00	22.11 -0.61 0.00	22.95 -0.61 0.00	23.12 -0.64 0.00	22.89 -0.68 0.00	22.87 -0.76 0.00	22.89 -0.68 0.00	23.06 -0.66 0.00	21.15 -0.77 0.00	22.66 -0.77 0.00	23.92 -0.79 0.00	24.69 -0.79 0.00	24.80 -0.77 0.00	24.73 -0.63 0.00	25.57 -0.65 0.00	23.49 -0.60 0.00	25.53 -0.71 0.00
SITHE___OGDNSBRG 24021	25.51 -0.84 0.00	23.00 -0.61 0.00	22.28 -0.50 0.00	19.24 -0.45 0.00	18.21 -0.49 0.00	18.33 -0.47 0.00	18.54 -0.42 0.00	18.51 -0.44 0.00	22.06 -0.66 0.00	22.78 -0.78 0.00	22.91 -0.86 0.00	22.80 -0.78 0.00	22.75 -0.87 0.00	22.80 -0.78 0.00	22.95 -0.78 0.00	21.11 -0.81 0.00	22.70 -0.73 0.00	23.87 -0.84 0.00	24.66 -0.82 0.00	24.85 -0.72 0.00	24.83 -0.53 0.00	25.62 -0.60 0.00	23.52 -0.58 0.00	25.53 -0.71 0.00
SITHE___STERLING 23777	27.18 0.79 -0.03	24.33 0.66 -0.06	23.46 0.59 -0.09	20.44 0.53 -0.21	19.41 0.52 -0.19	19.50 0.53 -0.18	19.72 0.55 -0.21	19.67 0.47 -0.24	23.38 0.54 -0.11	24.23 0.54 -0.12	24.43 0.52 -0.15	24.31 0.50 -0.24	24.45 0.47 -0.35	24.44 0.42 -0.44	24.61 0.40 -0.47	23.00 0.42 -0.67	24.71 0.49 -0.79	26.31 0.57 -1.03	27.17 0.61 -1.09	27.13 0.69 -0.87	26.83 0.63 -0.83	27.29 0.68 -0.39	25.01 0.60 -0.31	26.93 0.63 -0.06
SLEIGHT___34_KV_TB1 80719	26.06 -0.37 -0.07	23.30 -0.42 -0.12	22.47 -0.50 -0.19	19.71 -0.41 -0.43	18.74 -0.34 -0.38	18.84 -0.32 -0.37	19.01 -0.38 -0.43	19.01 -0.44 -0.49	22.37 -0.57 -0.22	23.41 -0.40 -0.25	23.61 -0.45 -0.30	23.49 -0.57 -0.48	23.84 -0.50 -0.72	23.83 -0.64 -0.89	24.04 -0.64 -0.96	22.76 -0.50 -1.34	24.41 -0.61 -1.59	26.44 -0.35 -2.08	27.32 -0.33 -2.17	26.92 -0.41 -1.76	26.58 -0.46 -1.68	26.61 -0.39 -0.78	24.19 -0.53 -0.63	25.74 -0.63 -0.13
SOUTH CAIRO___GT 23612	28.50 1.34 -0.79	26.21 1.30 -1.30	26.30 1.37 -2.15	25.80 1.22 -4.89	24.09 1.12 -4.27	24.10 1.17 -4.14	24.89 1.08 -4.86	25.28 0.78 -5.56	26.13 0.93 -2.48	27.26 0.92 -2.78	28.07 0.97 -3.34	29.86 0.85 -5.44	32.57 0.87 -8.07	34.47 0.87 -10.02	35.38 0.85 -10.80	37.88 0.79 -15.17	42.48 1.08 -17.97	49.36 1.24 -23.42	51.22 1.32 -24.42	46.78 1.38 -19.83	45.71 1.39 -18.96	36.36 1.31 -8.82	32.30 1.08 -7.12	28.78 1.08 -1.46
SOUTH HAMPTN___IC 23720	36.12 2.87 -6.89	35.14 2.43 -9.10	34.54 2.21 -9.56	31.65 1.85 -10.10	29.47 1.74 -9.03	32.26 1.77 -11.69	25.75 1.78 -5.01	28.01 1.88 -7.18	33.32 2.39 -8.21	35.24 2.55 -9.13	39.83 2.95 -13.12	42.71 3.18 -15.95	44.91 3.26 -18.02	60.48 3.35 -33.55	66.27 3.39 -39.15	71.19 3.20 -46.07	78.71 3.49 -51.79	98.85 3.66 -70.48	66.66 3.75 -37.43	58.96 3.68 -29.71	51.03 3.52 -22.14	53.30 3.54 -23.54	39.84 3.18 -12.57	38.58 3.36 -8.98
SOUTHDOW___115KV_TB1 355954	25.09 -1.37 -0.11	22.49 -1.30 -0.17	21.66 -1.41 -0.29	19.29 -1.06 -0.66	18.39 -0.88 -0.57	18.51 -0.85 -0.56	18.64 -0.97 -0.65	18.69 -1.00 -0.75	21.67 -1.39 -0.33	22.76 -1.18 -0.37	22.98 -1.24 -0.45	22.78 -1.53 -0.73	23.29 -1.42 -1.09	23.27 -1.65 -1.35	23.59 -1.59 -1.45	22.78 -1.18 -2.04	24.37 -1.48 -2.42	26.75 -1.11 -3.15	27.72 -1.04 -3.28	27.11 -1.13 -2.67	26.67 -1.24 -2.55	26.31 -1.10 -1.19	23.92 -1.13 -0.96	25.10 -1.34 -0.20
SOUTHOLD_69_KV_BK 2 55809	36.23 2.98 -6.89	35.21 2.50 -9.10	34.59 2.26 -9.56	31.67 1.87 -10.10	29.50 1.78 -9.03	32.29 1.80 -11.69	25.77 1.80 -5.01	28.03 1.89 -7.18	33.44 2.50 -8.21	35.42 2.73 -9.13	40.16 3.28 -13.12	43.06 3.54 -15.95	45.28 3.64 -18.02	60.83 3.70 -33.55	66.64 3.77 -39.14	71.53 3.55 -46.06	79.08 3.87 -51.79	99.31 4.10 -70.49	67.14 4.23 -37.43	59.42 4.14 -29.71	51.48 3.98 -22.14	53.80 4.04 -23.54	40.30 3.64 -12.57	39.02 3.80 -8.98
SOUTHOLD___IC 23719	36.23 2.98 -6.89	35.21 2.50 -9.10	34.59 2.26 -9.56	31.67 1.87 -10.10	29.51 1.78 -9.03	32.29 1.80 -11.69	25.77 1.80 -5.01	28.03 1.89 -7.18	33.44 2.50 -8.21	35.40 2.71 -9.13	40.11 3.23 -13.12	43.06 3.54 -15.95	45.23 3.59 -18.02	60.85 3.72 -33.55	66.64 3.77 -39.14	71.53 3.55 -46.06	79.11 3.89 -51.79	99.23 4.03 -70.49	67.03 4.13 -37.43	59.37 4.09 -29.71	51.40 3.90 -22.14	53.75 3.98 -23.54	40.25 3.59 -12.57	39.02 3.80 -8.98
SOUTH_FORK_WT_PWR 323839	35.96 2.72 -6.89	34.98 2.27 -9.10	34.36 2.03 -9.56	31.45 1.65 -10.10	29.30 1.57 -9.03	32.09 1.60 -11.69	25.58 1.61 -5.01	27.84 1.71 -7.18	33.21 2.27 -8.21	35.16 2.47 -9.13	39.93 3.04 -13.12	42.87 3.35 -15.95	45.05 3.40 -18.02	60.66 3.54 -33.55	66.46 3.58 -39.14	71.36 3.37 -46.07	78.90 3.68 -51.79	99.03 3.83 -70.49	66.83 3.92 -37.43	59.16 3.89 -29.71	51.25 3.75 -22.14	53.64 3.88 -23.54	40.18 3.52 -12.57	38.97 3.75 -8.98
SPIERFLS_115KV_TB 1 80737	29.19 1.95 -0.88	26.82 1.77 -1.44	26.71 1.55 -2.38	26.47 1.38 -5.40	24.74 1.33 -4.71	24.69 1.32 -4.58	25.65 1.33 -5.37	26.39 1.31 -6.14	27.25 1.80 -2.73	28.57 1.93 -3.07	29.23 1.78 -3.68	31.33 1.74 -6.01	34.07 1.54 -8.91	36.06 1.41 -11.07	36.53 0.88 -11.92	39.48 0.81 -16.75	44.07 0.80 -19.85	51.51 0.94 -25.86	53.64 1.20 -26.97	48.72 1.25 -21.90	47.67 1.37 -20.94	37.43 1.47 -9.74	33.79 1.83 -7.86	29.69 1.84 -1.61
ST LAWRENCE____ 23600	25.44 -0.92 0.00	22.88 -0.73 0.00	22.14 -0.64 0.00	19.12 -0.57 0.00	18.12 -0.58 0.00	18.23 -0.56 0.00	18.42 -0.53 0.00	18.44 -0.51 0.00	22.06 -0.66 0.00	22.88 -0.68 0.00	23.07 -0.69 0.00	22.85 -0.73 0.00	22.84 -0.78 0.00	22.85 -0.73 0.00	23.02 -0.71 0.00	21.15 -0.77 0.00	22.66 -0.77 0.00	23.90 -0.81 0.00	24.66 -0.82 0.00	24.78 -0.79 0.00	24.62 -0.74 0.00	25.49 -0.73 0.00	23.42 -0.67 0.00	25.48 -0.76 0.00
STATE_CA_115KV_115_LB 55624	28.08 0.87 -0.85	25.86 0.85 -1.40	26.10 1.00 -2.32	25.84 0.89 -5.26	24.13 0.84 -4.59	24.10 0.85 -4.46	25.02 0.83 -5.23	25.65 0.72 -5.98	26.23 0.84 -2.66	27.45 0.90 -2.99	28.28 0.93 -3.59	30.28 0.85 -5.85	33.15 0.85 -8.68	35.19 0.83 -10.78	36.18 0.83 -11.62	39.00 0.77 -16.32	43.56 0.80 -19.33	50.79 0.89 -25.19	52.64 0.89 -26.27	47.79 0.89 -21.33	46.64 0.89 -20.39	36.66 0.94 -9.49	32.57 0.82 -7.66	28.68 0.87 -1.57
STATE_ST_34_KV_LOAD 55959	26.62 0.18 -0.08	23.83 0.09 -0.12	23.01 0.02 -0.21	20.18 0.02 -0.47	19.16 0.06 -0.41	19.25 0.06 -0.40	19.46 0.04 -0.47	19.52 0.04 -0.53	22.96 0.00 -0.24	23.97 0.14 -0.27	24.20 0.12 -0.32	24.12 0.02 -0.52	24.44 0.05 -0.77	24.54 0.00 -0.96	24.76 0.00 -1.03	23.37 0.00 -1.45	25.10 -0.05 -1.72	27.08 0.12 -2.24	28.01 0.15 -2.38	27.60 0.13 -1.90	27.28 0.10 -1.82	27.17 0.10 -0.85	24.82 0.05 -0.68	26.41 0.03 -0.14

STATION 5_MISC_HYD 23604	25.98 -0.45 -0.07	23.21 -0.52 -0.12	22.38 -0.59 -0.20	19.65 -0.49 -0.44	18.71 -0.37 -0.39	18.80 -0.38 -0.38	18.92 -0.47 -0.44	18.87 -0.59 -0.50	22.17 -0.77 -0.22	23.13 -0.68 -0.25	23.26 -0.81 -0.30	23.29 -0.78 -0.49	23.69 -0.66 -0.73	23.66 -0.83 -0.91	23.88 -0.83 -0.98	22.57 -0.72 -1.38	24.33 -0.73 -1.63	26.02 -0.81 -2.12	26.82 -0.87 -2.21	26.45 -0.92 -1.80	26.11 -0.96 -1.72	26.10 -0.92 -0.80	23.82 -0.92 -0.65	25.61 -0.76 -0.13
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.27 -0.16 -0.07	23.49 -0.24 -0.12	22.65 -0.32 -0.19	19.86 -0.28 -0.44	18.90 -0.19 -0.39	19.00 -0.17 -0.37	19.17 -0.23 -0.44	19.17 -0.28 -0.50	22.54 -0.41 -0.22	23.55 -0.26 -0.25	23.78 -0.29 -0.30	23.67 -0.40 -0.49	24.02 -0.33 -0.73	23.99 -0.50 -0.91	24.21 -0.50 -0.98	22.92 -0.37 -1.37	24.63 -0.42 -1.62	26.70 -0.12 -2.12	27.57 -0.13 -2.22	27.16 -0.20 -1.79	26.84 -0.23 -1.71	26.86 -0.16 -0.80	24.38 -0.36 -0.64	25.93 -0.45 -0.13
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.90 -0.53 -0.07	23.14 -0.59 -0.12	22.31 -0.66 -0.19	19.58 -0.55 -0.44	18.63 -0.45 -0.38	18.74 -0.43 -0.37	18.86 -0.53 -0.44	18.82 -0.63 -0.50	22.13 -0.82 -0.22	23.17 -0.64 -0.25	23.38 -0.69 -0.30	23.26 -0.80 -0.49	23.64 -0.71 -0.73	23.58 -0.90 -0.90	23.82 -0.88 -0.97	22.60 -0.68 -1.36	24.27 -0.77 -1.61	26.34 -0.47 -2.10	27.21 -0.46 -2.19	26.79 -0.56 -1.78	26.45 -0.61 -1.70	26.49 -0.52 -0.79	24.01 -0.72 -0.64	25.53 -0.84 -0.13
STA_56___34_KV_BUS2 355983	25.90 -0.53 -0.07	23.14 -0.59 -0.12	22.31 -0.66 -0.19	19.58 -0.55 -0.44	18.63 -0.45 -0.38	18.74 -0.43 -0.37	18.86 -0.53 -0.44	18.82 -0.63 -0.50	22.13 -0.82 -0.22	23.17 -0.64 -0.25	23.38 -0.69 -0.30	23.26 -0.80 -0.49	23.64 -0.71 -0.73	23.58 -0.90 -0.90	23.82 -0.88 -0.97	22.60 -0.68 -1.36	24.27 -0.77 -1.61	26.34 -0.47 -2.10	27.21 -0.46 -2.19	26.79 -0.56 -1.78	26.45 -0.61 -1.70	26.49 -0.52 -0.79	24.01 -0.72 -0.64	25.53 -0.84 -0.13
STA_67___115KV_BK2 355882	25.93 -0.50 -0.07	23.16 -0.57 -0.12	22.34 -0.64 -0.20	19.60 -0.53 -0.44	18.67 -0.41 -0.39	18.76 -0.41 -0.38	18.90 -0.49 -0.44	18.83 -0.63 -0.50	22.13 -0.82 -0.22	23.15 -0.66 -0.25	23.38 -0.69 -0.30	23.24 -0.83 -0.49	23.64 -0.71 -0.73	23.56 -0.92 -0.91	23.83 -0.88 -0.98	22.63 -0.66 -1.37	24.28 -0.77 -1.63	26.39 -0.44 -2.12	27.25 -0.43 -2.21	26.83 -0.54 -1.80	26.49 -0.58 -1.72	26.52 -0.50 -0.80	24.06 -0.67 -0.64	25.56 -0.81 -0.13
STA_7___115KV_9TRANS 80674	26.09 -0.34 -0.07	23.30 -0.42 -0.12	22.47 -0.50 -0.20	19.72 -0.41 -0.44	18.79 -0.30 -0.39	18.87 -0.30 -0.38	19.00 -0.40 -0.44	18.96 -0.49 -0.50	22.27 -0.68 -0.22	23.32 -0.49 -0.25	23.54 -0.52 -0.30	23.43 -0.64 -0.49	23.81 -0.54 -0.73	23.75 -0.73 -0.91	24.00 -0.71 -0.98	22.77 -0.53 -1.38	24.45 -0.61 -1.63	26.59 -0.25 -2.12	27.44 -0.25 -2.21	27.01 -0.36 -1.80	26.67 -0.41 -1.72	26.73 -0.29 -0.80	24.21 -0.53 -0.65	25.72 -0.66 -0.13
STA_82___115KV_TB1 80780	25.93 -0.50 -0.07	23.18 -0.54 -0.12	22.34 -0.64 -0.20	19.63 -0.51 -0.45	18.68 -0.41 -0.39	18.78 -0.39 -0.38	18.90 -0.49 -0.44	18.85 -0.61 -0.51	22.13 -0.82 -0.23	23.18 -0.64 -0.25	23.38 -0.69 -0.30	23.25 -0.83 -0.50	23.65 -0.71 -0.74	23.59 -0.90 -0.91	23.83 -0.88 -0.98	22.64 -0.66 -1.38	24.29 -0.77 -1.64	26.40 -0.44 -2.13	27.27 -0.43 -2.22	26.86 -0.51 -1.81	26.50 -0.58 -1.73	26.56 -0.47 -0.80	24.07 -0.67 -0.65	25.59 -0.79 -0.13
STEEL___WIND 323596	25.03 -1.42 -0.10	22.40 -1.37 -0.16	21.59 -1.46 -0.27	19.16 -1.14 -0.61	18.26 -0.97 -0.53	18.33 -0.98 -0.52	18.42 -1.14 -0.60	18.35 -1.29 -0.69	21.35 -1.68 -0.31	22.28 -1.63 -0.35	22.37 -1.81 -0.41	22.44 -1.81 -0.68	22.95 -1.68 -1.00	22.98 -1.84 -1.25	23.27 -1.80 -1.34	22.27 -1.53 -1.89	24.00 -1.66 -2.23	25.74 -1.88 -2.91	26.47 -2.04 -3.03	25.91 -2.12 -2.46	25.64 -2.08 -2.36	25.17 -2.15 -1.10	23.07 -1.90 -0.89	24.80 -1.63 -0.18
STEPHTWN_115KV_BK_2 55603	28.18 0.98 -0.84	25.94 0.94 -1.38	26.14 1.07 -2.29	25.84 0.95 -5.20	24.13 0.90 -4.54	24.10 0.90 -4.41	25.01 0.89 -5.17	25.63 0.78 -5.91	26.29 0.93 -2.63	27.53 1.01 -2.96	28.36 1.05 -3.55	30.33 0.97 -5.78	33.17 0.97 -8.58	35.16 0.92 -10.66	36.14 0.93 -11.48	38.92 0.88 -16.13	43.48 0.94 -19.11	50.65 1.04 -24.90	52.49 1.04 -25.97	47.70 1.05 -21.08	46.56 1.04 -20.16	36.68 1.08 -9.38	32.60 0.94 -7.57	28.76 0.97 -1.55
STEUBEN_REC_LFGE 323667	25.78 -0.71 -0.14	23.15 -0.68 -0.22	22.35 -0.80 -0.37	19.88 -0.65 -0.84	18.85 -0.58 -0.73	18.93 -0.58 -0.71	19.22 -0.57 -0.84	19.30 -0.61 -0.96	22.26 -0.89 -0.43	23.31 -0.73 -0.48	23.48 -0.86 -0.57	23.45 -1.06 -0.93	23.99 -1.02 -1.39	24.14 -1.16 -1.72	24.42 -1.16 -1.86	23.65 -0.88 -2.61	25.42 -1.10 -3.09	27.90 -0.84 -4.03	28.92 -0.76 -4.21	28.21 -0.77 -3.41	27.78 -0.84 -3.26	26.90 -0.84 -1.52	24.45 -0.87 -1.22	25.49 -1.00 -0.25
STILLWATER___SOLAR 323814	28.84 1.61 -0.87	26.50 1.46 -1.43	26.44 1.30 -2.37	26.22 1.16 -5.37	24.51 1.12 -4.69	24.46 1.11 -4.55	25.41 1.12 -5.34	26.15 1.10 -6.10	26.90 1.46 -2.72	28.15 1.53 -3.06	28.90 1.47 -3.66	31.04 1.49 -5.97	33.90 1.42 -8.86	35.91 1.32 -11.01	36.75 1.16 -11.86	39.72 1.14 -16.66	44.34 1.17 -19.74	51.72 1.28 -25.72	53.67 1.37 -26.82	48.75 1.41 -21.78	47.65 1.47 -20.82	37.46 1.55 -9.69	33.46 1.54 -7.82	29.42 1.57 -1.60
STONY___BROOK 24151	36.01 2.77 -6.89	35.09 2.38 -9.10	34.52 2.19 -9.56	31.63 1.83 -10.10	29.47 1.74 -9.03	32.26 1.77 -11.69	25.77 1.80 -5.01	27.99 1.86 -7.18	33.28 2.34 -8.21	35.14 2.45 -9.13	39.54 2.66 -13.12	42.27 2.80 -15.89	44.39 2.88 -17.89	59.21 2.83 -32.81	64.85 2.87 -38.25	69.69 2.72 -45.06	77.42 2.98 -51.02	106.15 3.11 -78.33	65.63 3.16 -37.00	60.52 3.12 -31.83	50.36 3.02 -21.99	52.60 3.07 -23.30	39.48 2.82 -12.57	38.23 3.02 -8.98
STURGEON_POOL_HYD 23609	28.70 1.66 -0.69	26.10 1.37 -1.12	25.80 1.16 -1.86	24.85 0.95 -4.22	23.26 0.88 -3.68	23.27 0.90 -3.57	24.06 0.91 -4.19	24.69 0.95 -4.79	26.20 1.34 -2.14	27.40 1.44 -2.40	28.26 1.62 -2.88	30.01 1.74 -4.69	32.45 1.87 -6.96	34.11 1.89 -8.65	34.99 1.95 -9.31	36.82 1.82 -13.09	40.95 2.01 -15.50	47.04 2.13 -20.20	48.71 2.17 -21.06	44.79 2.12 -17.10	43.69 1.98 -16.35	35.75 1.91 -7.61	31.97 1.73 -6.14	29.28 1.78 -1.26
ST_LAW_115_BK7_LBMP 345037	25.36 -1.00 0.00	22.81 -0.80 0.00	22.10 -0.68 0.00	19.08 -0.61 0.00	18.08 -0.62 0.00	18.19 -0.60 0.00	18.39 -0.57 0.00	18.40 -0.55 0.00	22.02 -0.70 0.00	22.83 -0.73 0.00	23.03 -0.74 0.00	22.80 -0.78 0.00	22.77 -0.85 0.00	22.80 -0.78 0.00	22.97 -0.76 0.00	21.11 -0.81 0.00	22.59 -0.84 0.00	23.84 -0.87 0.00	24.61 -0.87 0.00	24.70 -0.87 0.00	24.57 -0.79 0.00	25.44 -0.79 0.00	23.37 -0.72 0.00	25.40 -0.84 0.00
ST_LAW_115_BK8_LBMP 345038	25.36 -1.00 0.00	22.81 -0.80 0.00	22.10 -0.68 0.00	19.08 -0.61 0.00	18.08 -0.62 0.00	18.19 -0.60 0.00	18.39 -0.57 0.00	18.40 -0.55 0.00	22.02 -0.70 0.00	22.83 -0.73 0.00	23.03 -0.74 0.00	22.80 -0.78 0.00	22.77 -0.85 0.00	22.80 -0.78 0.00	22.97 -0.76 0.00	21.11 -0.81 0.00	22.59 -0.84 0.00	23.84 -0.87 0.00	24.61 -0.87 0.00	24.70 -0.87 0.00	24.57 -0.79 0.00	25.44 -0.79 0.00	23.37 -0.72 0.00	25.40 -0.84 0.00

ST_LAW_230_BK5_LBMP 345035	25.44 -0.92 0.00	22.88 -0.73 0.00	22.14 -0.64 0.00	19.12 -0.57 0.00	18.12 -0.58 0.00	18.23 -0.56 0.00	18.42 -0.53 0.00	18.44 -0.51 0.00	22.06 -0.66 0.00	22.88 -0.68 0.00	23.07 -0.69 0.00	22.85 -0.73 0.00	22.84 -0.78 0.00	22.85 -0.73 0.00	23.02 -0.71 0.00	21.15 -0.77 0.00	22.66 -0.77 0.00	23.90 -0.81 0.00	24.66 -0.82 0.00	24.78 -0.79 0.00	24.62 -0.74 0.00	25.49 -0.73 0.00	23.42 -0.67 0.00	25.48 -0.76 0.00
ST_LAW_230_BK6_LBMP 345036	25.44 -0.92 0.00	22.88 -0.73 0.00	22.14 -0.64 0.00	19.12 -0.57 0.00	18.12 -0.58 0.00	18.23 -0.56 0.00	18.42 -0.53 0.00	18.44 -0.51 0.00	22.06 -0.66 0.00	22.88 -0.68 0.00	23.07 -0.69 0.00	22.85 -0.73 0.00	22.84 -0.78 0.00	22.85 -0.73 0.00	23.02 -0.71 0.00	21.15 -0.77 0.00	22.66 -0.77 0.00	23.90 -0.81 0.00	24.66 -0.82 0.00	24.78 -0.79 0.00	24.62 -0.74 0.00	25.49 -0.73 0.00	23.42 -0.67 0.00	25.48 -0.76 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.65 1.69 -0.60	26.01 1.42 -0.99	25.69 1.28 -1.64	24.47 1.06 -3.72	22.93 0.99 -3.25	22.96 1.01 -3.15	23.67 1.02 -3.69	24.22 1.04 -4.22	26.01 1.41 -1.88	27.18 1.51 -2.11	27.96 1.66 -2.54	29.46 1.74 -4.13	31.60 1.84 -6.14	33.06 1.86 -7.62	33.86 1.92 -8.21	35.25 1.80 -11.53	39.04 1.94 -13.66	44.59 2.08 -17.80	46.18 2.14 -18.56	42.71 2.07 -15.07	41.73 1.95 -14.41	34.87 1.94 -6.71	31.26 1.76 -5.41	29.19 1.84 -1.11
SWANROAD_115KV_TB1 355699	24.94 -1.50 -0.09	22.31 -1.44 -0.14	21.49 -1.53 -0.24	19.01 -1.22 -0.54	18.12 -1.05 -0.47	18.20 -1.05 -0.46	18.28 -1.21 -0.54	18.14 -1.42 -0.61	21.13 -1.86 -0.27	22.20 -1.67 -0.31	22.40 -1.73 -0.37	22.20 -1.98 -0.60	22.65 -1.87 -0.89	22.61 -2.07 -1.11	22.91 -2.02 -1.19	22.06 -1.53 -1.68	23.61 -1.80 -1.99	25.92 -1.38 -2.59	26.80 -1.38 -2.70	26.28 -1.48 -2.19	25.86 -1.60 -2.10	25.71 -1.49 -0.98	23.27 -1.61 -0.79	24.59 -1.81 -0.16
SYNERGY___BIOGAS 323694	25.76 -0.69 -0.08	23.01 -0.73 -0.14	22.16 -0.84 -0.23	19.52 -0.69 -0.51	18.62 -0.52 -0.45	18.72 -0.51 -0.43	18.80 -0.66 -0.51	18.70 -0.83 -0.58	21.82 -1.16 -0.26	22.77 -1.08 -0.29	22.83 -1.28 -0.35	22.90 -1.25 -0.57	23.33 -1.13 -0.84	23.28 -1.34 -1.05	23.53 -1.33 -1.13	22.36 -1.14 -1.59	24.16 -1.15 -1.88	25.85 -1.31 -2.45	26.68 -1.35 -2.55	26.21 -1.43 -2.07	25.97 -1.37 -1.98	25.81 -1.34 -0.92	23.51 -1.33 -0.74	25.32 -1.08 -0.15
SYRACUSE___ENERGY_ST1 323597	26.52 0.11 -0.06	23.75 0.05 -0.10	22.94 0.00 -0.16	20.06 0.00 -0.36	19.05 0.04 -0.32	19.12 0.02 -0.31	19.33 0.02 -0.36	19.36 0.00 -0.41	22.86 -0.05 -0.18	23.84 0.07 -0.21	24.06 0.05 -0.25	23.96 -0.02 -0.40	24.20 -0.02 -0.60	24.27 -0.05 -0.74	24.46 -0.07 -0.80	22.95 -0.09 -1.12	24.62 -0.14 -1.33	26.39 -0.05 -1.73	27.28 -0.05 -1.86	26.96 -0.08 -1.47	26.66 -0.10 -1.40	26.77 -0.10 -0.65	24.55 -0.07 -0.53	26.30 -0.05 -0.11
SYRACUSE___ENERGY_ST2 323598	26.52 0.11 -0.06	23.75 0.05 -0.10	22.94 0.00 -0.16	20.06 0.00 -0.36	19.05 0.04 -0.32	19.12 0.02 -0.31	19.33 0.02 -0.36	19.36 0.00 -0.41	22.86 -0.05 -0.18	23.84 0.07 -0.21	24.06 0.05 -0.25	23.96 -0.02 -0.40	24.20 -0.02 -0.60	24.27 -0.05 -0.74	24.46 -0.07 -0.80	22.95 -0.09 -1.12	24.62 -0.14 -1.33	26.39 -0.05 -1.73	27.28 -0.05 -1.86	26.96 -0.08 -1.47	26.66 -0.10 -1.40	26.77 -0.10 -0.65	24.55 -0.07 -0.53	26.30 -0.05 -0.11
SYRACUSE___POWER 24017	26.41 0.00 -0.05	23.63 -0.07 -0.09	22.81 -0.11 -0.15	19.95 -0.08 -0.34	18.94 -0.06 -0.29	19.01 -0.08 -0.29	19.21 -0.08 -0.33	19.24 -0.09 -0.38	22.76 -0.14 -0.17	23.71 -0.05 -0.19	23.95 -0.05 -0.23	23.81 -0.14 -0.37	24.06 -0.12 -0.56	24.12 -0.14 -0.69	24.31 -0.17 -0.74	22.81 -0.15 -1.04	24.45 -0.21 -1.24	26.20 -0.12 -1.61	27.04 -0.15 -1.71	26.76 -0.18 -1.36	26.46 -0.20 -1.30	26.62 -0.21 -0.61	24.39 -0.19 -0.49	26.18 -0.16 -0.10
TALLMAN___138KV_BK151 55660	28.88 1.90 -0.63	26.26 1.63 -1.02	25.93 1.46 -1.70	24.74 1.20 -3.85	23.20 1.14 -3.36	23.20 1.15 -3.26	23.96 1.18 -3.83	24.54 1.21 -4.38	26.31 1.64 -1.95	27.52 1.77 -2.19	28.32 1.92 -2.63	29.91 2.05 -4.28	32.13 2.15 -6.36	33.64 2.17 -7.89	34.46 2.23 -8.50	35.97 2.10 -11.95	39.83 2.25 -14.15	45.55 2.40 -18.44	47.18 2.47 -19.23	43.59 2.40 -15.61	42.55 2.26 -14.93	35.40 2.23 -6.95	31.75 2.05 -5.61	29.54 2.15 -1.15
TEALLAVE_115KV_TB7 355573	26.41 0.00 -0.05	23.62 -0.07 -0.08	22.80 -0.11 -0.14	19.93 -0.08 -0.31	18.92 -0.06 -0.27	19.00 -0.06 -0.27	19.19 -0.08 -0.31	19.21 -0.09 -0.36	22.72 -0.16 -0.16	23.67 -0.07 -0.18	23.91 -0.07 -0.21	23.78 -0.14 -0.35	24.00 -0.14 -0.52	24.05 -0.17 -0.64	24.23 -0.19 -0.69	22.72 -0.18 -0.97	24.35 -0.23 -1.15	26.06 -0.15 -1.50	26.92 -0.15 -1.59	26.66 -0.18 -1.27	26.37 -0.20 -1.22	26.58 -0.21 -0.57	24.36 -0.19 -0.46	26.15 -0.18 -0.09
TELGRAPH_34_KV_EAST 80808	25.28 -1.16 -0.09	22.59 -1.16 -0.14	21.78 -1.23 -0.23	19.24 -0.98 -0.53	18.34 -0.82 -0.46	18.42 -0.83 -0.45	18.49 -0.99 -0.52	18.39 -1.16 -0.60	21.44 -1.55 -0.27	22.52 -1.34 -0.30	22.70 -1.43 -0.36	22.51 -1.65 -0.59	22.98 -1.51 -0.87	22.91 -1.74 -1.08	23.19 -1.71 -1.17	22.28 -1.27 -1.64	23.87 -1.50 -1.94	26.17 -1.06 -2.53	27.06 -1.04 -2.63	26.56 -1.15 -2.14	26.16 -1.24 -2.05	26.05 -1.13 -0.95	23.56 -1.30 -0.77	24.90 -1.50 -0.16
TEMPLE___115KV_TB 2 55572	26.44 0.03 -0.05	23.65 -0.05 -0.08	22.83 -0.09 -0.14	19.93 -0.08 -0.32	18.94 -0.04 -0.28	19.01 -0.06 -0.27	19.19 -0.08 -0.31	19.23 -0.08 -0.36	22.75 -0.14 -0.16	23.69 -0.05 -0.18	23.93 -0.05 -0.22	23.79 -0.14 -0.35	24.03 -0.12 -0.52	24.06 -0.17 -0.65	24.26 -0.17 -0.70	22.73 -0.18 -0.98	24.38 -0.21 -1.16	26.10 -0.12 -1.52	26.93 -0.15 -1.61	26.68 -0.18 -1.29	26.39 -0.20 -1.23	26.59 -0.21 -0.57	24.36 -0.19 -0.46	26.18 -0.16 -0.09
TIANA___69_KV_BK 1 55817	36.12 2.87 -6.89	35.14 2.43 -9.10	34.54 2.21 -9.56	31.65 1.85 -10.10	29.49 1.76 -9.03	32.26 1.77 -11.69	25.77 1.80 -5.01	28.01 1.88 -7.18	33.32 2.39 -8.21	35.23 2.54 -9.13	39.83 2.95 -13.12	42.64 3.11 -15.95	44.88 3.24 -18.02	60.40 3.28 -33.55	66.19 3.32 -39.14	71.09 3.11 -46.06	78.61 3.40 -51.79	98.83 3.63 -70.49	66.65 3.75 -37.43	58.96 3.68 -29.71	51.00 3.50 -22.14	53.28 3.51 -23.54	39.79 3.13 -12.57	38.50 3.28 -8.98
TILDEN___115KV_TB1 80814	26.41 0.00 -0.05	23.63 -0.07 -0.09	22.81 -0.11 -0.15	19.95 -0.08 -0.34	18.94 -0.06 -0.29	19.01 -0.08 -0.29	19.21 -0.08 -0.33	19.24 -0.09 -0.38	22.76 -0.14 -0.17	23.71 -0.05 -0.19	23.95 -0.05 -0.23	23.81 -0.14 -0.37	24.06 -0.12 -0.56	24.12 -0.14 -0.69	24.31 -0.17 -0.74	22.81 -0.15 -1.04	24.45 -0.21 -1.24	26.20 -0.12 -1.61	27.04 -0.15 -1.71	26.76 -0.18 -1.36	26.46 -0.20 -1.30	26.62 -0.21 -0.61	24.39 -0.19 -0.49	26.18 -0.16 -0.10
TRIGEN___CC 323695	35.70 2.45 -6.89	34.81 2.10 -9.10	34.25 1.91 -9.56	31.39 1.60 -10.10	29.22 1.50 -9.03	32.01 1.52 -11.69	25.52 1.55 -5.01	27.74 1.61 -7.18	33.05 2.11 -8.21	34.95 2.26 -9.13	39.33 2.45 -13.12	46.50 2.55 -20.38	50.44 2.67 -24.14	61.21 2.69 -34.94	67.29 2.75 -40.81	72.45 2.59 -47.95	79.48 2.74 -53.32	69.72 2.94 -42.07	66.81 3.03 -38.30	50.64 2.97 -22.11	50.62 2.81 -22.45	53.06 2.83 -24.01	39.19 2.53 -12.57	37.89 2.68 -8.98

TRINITY__115KV__4 BK 55933	27.97 0.76 -0.85	25.75 0.76 -1.39	25.99 0.91 -2.30	25.71 0.81 -5.21	24.03 0.79 -4.55	23.98 0.77 -4.42	24.91 0.78 -5.18	25.54 0.66 -5.92	26.11 0.75 -2.64	27.33 0.80 -2.97	28.15 0.83 -3.56	30.13 0.75 -5.80	32.98 0.76 -8.60	34.97 0.71 -10.69	35.97 0.74 -11.51	38.77 0.68 -16.17	43.29 0.70 -19.16	50.46 0.79 -24.96	52.30 0.79 -26.03	47.50 0.79 -21.13	46.35 0.79 -20.21	36.47 0.84 -9.40	32.43 0.75 -7.59	28.58 0.79 -1.56
UNION__PROCESSING_DRP 323587	25.93 -0.50 -0.07	23.19 -0.54 -0.12	22.36 -0.62 -0.20	19.63 -0.51 -0.45	18.70 -0.39 -0.39	18.78 -0.39 -0.38	18.90 -0.49 -0.44	18.85 -0.61 -0.51	22.13 -0.82 -0.23	23.18 -0.64 -0.25	23.38 -0.69 -0.30	23.27 -0.80 -0.50	23.65 -0.71 -0.74	23.59 -0.90 -0.91	23.84 -0.88 -0.98	22.64 -0.66 -1.38	24.29 -0.77 -1.64	26.43 -0.42 -2.14	27.27 -0.43 -2.23	26.87 -0.51 -1.81	26.53 -0.56 -1.73	26.56 -0.47 -0.80	24.07 -0.67 -0.65	25.59 -0.79 -0.13
UPPER HUDSON__HYD 24058	29.19 1.95 -0.88	26.82 1.77 -1.44	26.71 1.55 -2.38	26.47 1.38 -5.40	24.74 1.33 -4.71	24.69 1.32 -4.58	25.65 1.33 -5.37	26.39 1.31 -6.14	27.25 1.79 -2.73	28.54 1.91 -3.07	29.21 1.76 -3.68	31.33 1.74 -6.01	34.07 1.53 -8.91	36.08 1.44 -11.07	36.53 0.88 -11.92	39.52 0.85 -16.75	44.12 0.84 -19.85	51.53 0.96 -25.86	53.62 1.17 -26.97	48.72 1.25 -21.90	47.69 1.39 -20.94	37.43 1.47 -9.74	33.79 1.83 -7.86	29.69 1.84 -1.61
UPPER RAQUET__HYD 24056	24.96 -1.40 0.00	22.50 -1.11 0.00	21.80 -0.98 0.00	18.83 -0.87 0.00	17.80 -0.90 0.00	17.91 -0.88 0.00	18.14 -0.81 0.00	18.13 -0.81 0.00	21.63 -1.09 0.00	22.45 -1.11 0.00	22.62 -1.14 0.00	22.37 -1.20 0.00	22.32 -1.30 0.00	22.35 -1.23 0.00	22.54 -1.19 0.00	20.65 -1.27 0.00	22.14 -1.29 0.00	23.42 -1.29 0.00	24.21 -1.27 -0.01	24.37 -1.20 0.00	24.30 -1.06 0.00	25.12 -1.10 0.00	23.06 -1.04 0.00	25.03 -1.21 0.00
VALLEY44_115KV_TB2 355964	24.52 -1.95 -0.11	21.95 -1.84 -0.18	21.16 -1.91 -0.30	18.82 -1.56 -0.68	17.94 -1.35 -0.59	18.00 -1.37 -0.57	18.13 -1.50 -0.67	18.17 -1.55 -0.77	21.04 -2.02 -0.34	22.09 -1.86 -0.39	22.30 -1.92 -0.46	22.19 -2.15 -0.75	22.73 -2.01 -1.12	22.77 -2.19 -1.39	23.11 -2.11 -1.50	22.36 -1.67 -2.10	23.91 -2.01 -2.49	26.25 -1.70 -3.25	27.18 -1.68 -3.39	26.53 -1.79 -2.75	26.06 -1.93 -2.63	25.59 -1.86 -1.22	23.30 -1.78 -0.99	24.45 -1.99 -0.20
VALLEY__115KV_TB 1-4 80826	26.65 0.29 0.00	23.87 0.26 0.00	23.01 0.23 0.00	19.91 0.22 0.00	18.92 0.22 0.00	19.02 0.23 0.00	19.20 0.25 0.00	19.16 0.21 0.00	22.97 0.25 0.00	23.82 0.26 0.00	24.03 0.26 0.00	23.76 0.19 0.00	23.76 0.14 0.00	23.65 0.07 0.00	23.80 0.07 0.00	21.94 0.02 0.00	23.43 0.00 0.00	24.73 0.02 0.00	25.53 0.05 0.00	25.65 0.08 0.00	25.46 0.10 0.00	26.38 0.16 0.00	24.26 0.17 0.00	26.42 0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.12 1.50 -0.26	25.31 1.27 -0.43	24.63 1.14 -0.71	22.32 1.00 -1.62	21.07 0.95 -1.41	21.16 1.00 -1.37	21.61 1.04 -1.61	21.81 1.02 -1.84	24.86 1.32 -0.82	25.90 1.41 -0.92	26.32 1.45 -1.10	26.74 1.37 -1.80	27.66 1.37 -2.67	28.19 1.30 -3.32	28.61 1.31 -3.58	28.17 1.23 -5.02	30.69 1.31 -5.95	33.95 1.48 -7.75	35.10 1.53 -8.09	33.67 1.53 -6.56	33.06 1.42 -6.28	30.64 1.49 -2.92	27.75 1.30 -2.36	28.06 1.34 -0.48
VISCHER__FERRY HYD 24020	28.43 1.21 -0.86	26.12 1.11 -1.40	26.15 1.05 -2.33	25.90 0.93 -5.28	24.21 0.90 -4.61	24.18 0.90 -4.48	25.10 0.89 -5.25	25.83 0.87 -6.00	26.53 1.14 -2.67	27.75 1.18 -3.01	28.53 1.16 -3.61	30.61 1.15 -5.88	33.46 1.11 -8.72	35.50 1.09 -10.83	36.44 1.04 -11.67	39.32 1.01 -16.39	43.91 1.06 -19.42	51.16 1.14 -25.31	53.04 1.17 -26.39	48.17 1.18 -21.43	47.07 1.22 -20.49	37.04 1.28 -9.53	33.02 1.23 -7.69	29.08 1.26 -1.58
V_A_10_SYNC_DSASP 323832	25.23 -1.21 -0.08	22.56 -1.18 -0.13	21.77 -1.23 -0.22	19.19 -1.00 -0.50	18.29 -0.84 -0.43	18.35 -0.86 -0.42	18.46 -0.99 -0.49	18.34 -1.17 -0.57	21.45 -1.52 -0.25	22.38 -1.46 -0.28	22.49 -1.62 -0.34	22.53 -1.60 -0.55	22.98 -1.46 -0.82	22.97 -1.63 -1.02	23.21 -1.61 -1.10	22.08 -1.38 -1.54	23.80 -1.45 -1.83	25.46 -1.63 -2.38	26.18 -1.78 -2.48	25.77 -1.81 -2.02	25.41 -1.88 -1.93	25.26 -1.86 -0.90	23.13 -1.69 -0.72	24.95 -1.44 -0.15
V_CMM_10_SYNC_DSASP 323787	25.44 -0.92 0.00	22.90 -0.71 0.00	22.16 -0.61 0.00	19.16 -0.53 0.00	18.14 -0.56 0.00	18.25 -0.55 0.00	18.44 -0.51 0.00	18.46 -0.49 0.00	22.09 -0.64 0.00	22.90 -0.66 0.00	23.10 -0.67 0.00	22.87 -0.71 0.00	22.84 -0.78 0.00	22.87 -0.71 0.00	23.04 -0.69 0.00	21.15 -0.77 0.00	22.66 -0.77 0.00	23.92 -0.79 0.00	24.69 -0.79 0.00	24.78 -0.79 0.00	24.68 -0.68 0.00	25.52 -0.71 0.00	23.44 -0.65 0.00	25.48 -0.76 0.00
V_CMP_10_SYNC_DSASP 323788	25.12 -1.24 0.00	22.66 -0.95 0.00	21.98 -0.80 0.00	19.02 -0.67 0.00	17.99 -0.71 0.00	18.14 -0.66 0.00	18.39 -0.57 0.00	18.38 -0.57 0.00	21.91 -0.82 0.00	22.74 -0.83 0.00	22.91 -0.85 0.00	22.61 -0.97 0.00	22.56 -1.06 0.00	22.66 -0.92 0.00	22.90 -0.83 0.00	20.93 -0.99 0.00	22.56 -0.87 0.00	23.90 -0.81 0.00	24.69 -0.79 0.00	24.75 -0.82 0.00	24.73 -0.63 0.00	25.59 -0.63 0.00	23.56 -0.53 0.00	25.59 -0.65 0.00
V_D_10_SYNC_DSASP 323841	25.49 -0.87 0.00	22.97 -0.64 0.00	22.26 -0.52 0.00	19.22 -0.47 0.00	18.19 -0.50 0.00	18.29 -0.51 0.00	18.50 -0.46 0.00	18.51 -0.44 0.00	22.11 -0.61 0.00	22.95 -0.61 0.00	23.12 -0.64 0.00	22.89 -0.68 0.00	22.87 -0.76 0.00	22.92 -0.66 0.00	23.09 -0.64 0.00	21.15 -0.77 0.00	22.68 -0.75 0.00	23.92 -0.79 0.00	24.71 -0.76 0.00	24.80 -0.77 0.00	24.73 -0.63 0.00	25.57 -0.65 0.00	23.49 -0.60 0.00	25.53 -0.71 0.00
V_E_10_SYNC_DSASP 323830	28.40 1.84 -0.19	25.51 1.58 -0.32	24.74 1.44 -0.52	22.22 1.34 -1.19	21.06 1.33 -1.04	21.19 1.39 -1.00	21.65 1.52 -1.18	21.66 1.37 -1.35	24.82 1.50 -0.60	25.72 1.49 -0.67	25.95 1.38 -0.81	26.12 1.23 -1.32	26.71 1.13 -1.96	26.97 0.97 -2.43	27.30 0.95 -2.62	26.56 0.96 -3.68	28.91 1.12 -4.36	31.75 1.36 -5.68	32.89 1.48 -5.94	32.04 1.66 -4.81	31.53 1.57 -4.60	30.04 1.68 -2.14	27.31 1.49 -1.73	28.17 1.57 -0.35
V_F_30_NSYNC__DSASP 323816	28.87 1.63 -0.87	26.53 1.49 -1.43	26.47 1.32 -2.37	26.26 1.18 -5.38	24.54 1.14 -4.70	24.49 1.13 -4.56	25.44 1.14 -5.35	26.17 1.10 -6.12	26.92 1.48 -2.73	28.18 1.55 -3.06	28.96 1.52 -3.67	31.07 1.51 -5.99	33.95 1.44 -8.89	35.98 1.37 -11.04	36.83 1.21 -11.89	39.80 1.18 -16.70	44.43 1.22 -19.79	51.83 1.33 -25.78	53.76 1.40 -26.89	48.86 1.46 -21.83	47.73 1.50 -20.88	37.51 1.57 -9.71	33.50 1.57 -7.84	29.45 1.60 -1.61
V_F_30_SYNC_DSASP 323786	28.08 0.87 -0.85	25.86 0.85 -1.40	26.07 0.98 -2.31	25.83 0.89 -5.25	24.13 0.84 -4.59	24.09 0.85 -4.45	25.01 0.83 -5.22	25.64 0.72 -5.97	26.22 0.84 -2.66	27.45 0.90 -2.99	28.28 0.93 -3.59	30.27 0.85 -5.85	33.15 0.85 -8.68	35.15 0.80 -10.78	36.17 0.83 -11.61	38.99 0.77 -16.31	43.54 0.80 -19.32	50.77 0.89 -25.17	52.62 0.89 -26.25	47.78 0.89 -21.31	46.63 0.89 -20.38	36.65 0.94 -9.48	32.57 0.82 -7.65	28.68 0.87 -1.57

V_XM10_SYNC_DSASP 323789	25.12 -1.24 0.00	22.66 -0.95 0.00	21.98 -0.80 0.00	19.02 -0.67 0.00	17.99 -0.71 0.00	18.14 -0.66 0.00	18.39 -0.57 0.00	18.38 -0.57 0.00	21.91 -0.82 0.00	22.74 -0.83 0.00	22.91 -0.85 0.00	22.61 -0.97 0.00	22.56 -1.06 0.00	22.66 -0.92 0.00	22.90 -0.83 0.00	20.93 -0.99 0.00	22.56 -0.87 0.00	23.90 -0.81 0.00	24.69 -0.79 0.00	24.75 -0.82 0.00	24.73 -0.63 0.00	25.59 -0.63 0.00	23.56 -0.53 0.00	25.59 -0.65 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.99 2.00 -0.63	26.34 1.70 -1.03	26.01 1.53 -1.71	24.83 1.26 -3.88	23.28 1.20 -3.39	23.30 1.22 -3.29	24.04 1.23 -3.86	24.63 1.27 -4.41	26.39 1.70 -1.96	27.58 1.81 -2.21	28.43 2.02 -2.65	30.01 2.12 -4.32	32.27 2.24 -6.40	33.79 2.26 -7.95	34.62 2.33 -8.57	36.15 2.19 -12.04	40.03 2.34 -14.26	45.79 2.50 -18.58	47.43 2.57 -19.38	43.81 2.51 -15.73	42.76 2.36 -15.04	35.56 2.33 -7.00	31.86 2.12 -5.65	29.63 2.23 -1.16
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.29 2.27 -0.66	26.63 1.94 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.59 1.35 -3.55	23.59 1.35 -3.45	24.40 1.40 -4.04	25.05 1.48 -4.62	26.73 1.95 -2.06	27.97 2.10 -2.31	28.82 2.28 -2.77	30.53 2.43 -4.52	32.86 2.53 -6.71	34.48 2.57 -8.34	39.16 2.61 -12.82	42.08 2.45 -17.70	53.14 2.58 -27.13	52.50 2.79 -25.00	48.66 2.88 -20.30	44.87 2.81 -16.49	43.79 2.66 -15.77	36.15 2.60 -7.33	32.40 2.39 -5.92	30.00 2.55 -1.21
W50THST__13_KV_LOAD 356117	29.44 2.42 -0.66	26.74 2.05 -1.08	26.44 1.87 -1.79	25.29 1.54 -4.06	23.69 1.44 -3.55	23.71 1.47 -3.45	24.51 1.52 -4.04	25.16 1.59 -4.62	26.87 2.09 -2.06	28.11 2.24 -2.31	28.96 2.42 -2.77	30.67 2.57 -4.52	32.98 2.65 -6.71	34.65 2.73 -8.34	39.32 2.78 -12.82	42.23 2.61 -17.70	53.30 2.74 -27.13	52.65 2.94 -25.00	48.84 3.06 -20.30	45.05 2.99 -16.49	43.96 2.84 -15.77	36.29 2.73 -7.33	32.54 2.53 -5.92	30.16 2.70 -1.21
WADING RIVER_IC_1 23522	35.80 2.56 -6.89	34.88 2.17 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.07 1.58 -11.69	25.56 1.59 -5.01	27.80 1.67 -7.18	33.05 2.11 -8.21	34.90 2.21 -9.13	39.40 2.52 -13.12	42.21 2.69 -15.95	44.41 2.76 -18.02	59.97 2.83 -33.57	65.76 2.87 -39.16	70.72 2.72 -46.09	78.21 2.98 -51.81	98.26 3.14 -70.42	66.13 3.21 -37.44	58.43 3.17 -29.69	50.52 3.02 -22.15	52.81 3.04 -23.55	39.36 2.70 -12.57	38.08 2.86 -8.98
WADING RIVER_IC_2 23547	35.80 2.56 -6.89	34.88 2.17 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.07 1.58 -11.69	25.56 1.59 -5.01	27.80 1.67 -7.18	33.05 2.11 -8.21	34.90 2.21 -9.13	39.40 2.52 -13.12	42.21 2.69 -15.95	44.41 2.76 -18.02	59.97 2.83 -33.57	65.76 2.87 -39.16	70.72 2.72 -46.09	78.21 2.98 -51.81	98.26 3.14 -70.42	66.13 3.21 -37.44	58.43 3.17 -29.69	50.52 3.02 -22.15	52.81 3.04 -23.55	39.36 2.70 -12.57	38.08 2.86 -8.98
WADING RIVER_IC_3 23601	35.80 2.56 -6.89	34.88 2.17 -9.10	34.29 1.96 -9.56	31.43 1.63 -10.10	29.28 1.55 -9.03	32.07 1.58 -11.69	25.56 1.59 -5.01	27.80 1.67 -7.18	33.05 2.11 -8.21	34.90 2.21 -9.13	39.40 2.52 -13.12	42.21 2.69 -15.95	44.41 2.76 -18.02	59.97 2.83 -33.57	65.76 2.87 -39.16	70.72 2.72 -46.09	78.21 2.98 -51.81	98.26 3.14 -70.42	66.13 3.21 -37.44	58.43 3.17 -29.69	50.52 3.02 -22.15	52.81 3.04 -23.55	39.36 2.70 -12.57	38.08 2.86 -8.98
WALDENNY_12_KV_BK2 80841	25.06 -1.40 -0.10	22.42 -1.35 -0.16	21.61 -1.44 -0.27	19.15 -1.14 -0.60	18.25 -0.97 -0.53	18.33 -0.98 -0.51	18.43 -1.12 -0.60	18.36 -1.27 -0.68	21.35 -1.68 -0.31	22.42 -1.48 -0.34	22.63 -1.54 -0.41	22.45 -1.79 -0.67	22.96 -1.65 -0.99	22.97 -1.84 -1.24	23.28 -1.78 -1.33	22.47 -1.32 -1.87	24.05 -1.59 -2.21	26.36 -1.24 -2.88	27.29 -1.20 -3.01	26.71 -1.30 -2.44	26.25 -1.45 -2.34	25.97 -1.34 -1.09	23.55 -1.42 -0.88	24.79 -1.63 -0.18
WALDEN__HYDRO 24148	28.79 1.79 -0.63	26.18 1.53 -1.04	25.86 1.37 -1.72	24.72 1.12 -3.90	23.17 1.07 -3.41	23.19 1.09 -3.31	23.91 1.08 -3.88	24.47 1.08 -4.44	26.18 1.48 -1.98	27.36 1.58 -2.22	28.16 1.73 -2.66	29.73 1.82 -4.34	32.00 1.94 -6.44	33.51 1.93 -8.00	34.34 1.99 -8.62	35.91 1.88 -12.11	39.84 2.06 -14.35	45.60 2.20 -18.69	47.24 2.27 -19.49	43.60 2.20 -15.83	42.57 2.08 -15.14	35.31 2.05 -7.04	31.63 1.86 -5.68	29.35 1.94 -1.17
WARRENSBURG____ 23737	29.19 1.95 -0.88	26.82 1.77 -1.44	26.71 1.55 -2.38	26.47 1.38 -5.40	24.74 1.33 -4.71	24.69 1.32 -4.58	25.65 1.33 -5.37	26.39 1.31 -6.14	27.25 1.79 -2.73	28.54 1.91 -3.07	29.21 1.76 -3.68	31.33 1.74 -6.01	34.07 1.53 -8.91	36.08 1.44 -11.07	36.53 0.88 -11.92	39.52 0.85 -16.75	44.12 0.84 -19.85	51.53 0.96 -25.86	53.62 1.17 -26.97	48.72 1.25 -21.90	47.69 1.39 -20.94	37.43 1.47 -9.74	33.79 1.83 -7.86	29.69 1.84 -1.61
WATERSIDE____6 8 9 23538	29.29 2.27 -0.66	26.60 1.91 -1.08	26.26 1.69 -1.79	25.16 1.40 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.71 1.93 -2.06	27.92 2.05 -2.31	28.80 2.26 -2.77	30.54 2.45 -4.51	31.08 2.60 -4.86	34.51 2.59 -8.34	39.17 2.63 -12.81	42.03 2.41 -17.71	53.19 2.62 -27.14	52.50 2.79 -25.00	48.64 2.85 -20.31	44.84 2.79 -16.49	43.76 2.64 -15.77	36.25 2.70 -7.33	32.40 2.39 -5.92	29.95 2.49 -1.21
WATKINRD_115KV_LN8_ILLION 55919	26.67 0.32 0.00	23.87 0.26 0.00	23.03 0.25 0.00	19.91 0.22 0.00	18.92 0.22 0.00	19.02 0.23 0.00	19.18 0.23 0.00	19.16 0.21 0.00	22.97 0.25 0.00	23.82 0.26 0.00	24.03 0.26 0.00	23.79 0.21 0.00	23.84 0.21 0.00	23.74 0.17 0.00	23.89 0.17 0.00	22.05 0.13 0.00	23.55 0.12 0.00	24.88 0.17 0.00	25.65 0.18 0.00	25.77 0.20 0.00	25.56 0.20 0.00	26.46 0.24 0.00	24.31 0.22 0.00	26.48 0.24 0.00
WATSON__69_KV_BK 1 55734	36.30 3.06 -6.89	35.33 2.62 -9.10	34.73 2.39 -9.56	31.83 2.03 -10.10	29.65 1.93 -9.03	32.44 1.95 -11.69	25.94 1.97 -5.01	28.16 2.03 -7.18	33.50 2.57 -8.21	35.40 2.71 -9.13	39.88 2.99 -13.12	42.84 3.06 -16.20	45.14 3.17 -18.35	60.27 3.21 -33.49	66.00 3.20 -39.07	70.92 3.02 -45.98	77.95 3.26 -51.27	83.79 3.51 -55.58	66.23 3.62 -37.13	55.04 3.66 -25.81	50.91 3.50 -22.05	53.09 3.49 -23.37	39.82 3.16 -12.57	38.55 3.33 -8.98
WDELAWARE__HYD 323627	28.10 1.16 -0.59	25.51 0.95 -0.96	25.12 0.75 -1.59	23.91 0.61 -3.60	22.39 0.54 -3.15	22.43 0.58 -3.05	23.10 0.57 -3.58	23.57 0.53 -4.10	25.36 0.82 -1.82	26.48 0.87 -2.05	27.24 1.02 -2.46	28.72 1.13 -4.01	30.80 1.23 -5.95	31.62 0.66 -7.39	32.38 0.69 -7.96	33.78 0.68 -11.18	37.52 0.84 -13.25	42.86 0.89 -17.26	44.39 0.92 -18.00	41.05 0.87 -14.61	40.09 0.76 -13.97	34.06 1.34 -6.50	30.47 1.13 -5.25	28.50 1.18 -1.08
WEST BABYLON__IC 23714	36.17 2.93 -6.89	35.24 2.53 -9.10	34.64 2.30 -9.56	31.73 1.93 -10.10	29.58 1.85 -9.03	32.35 1.86 -11.69	25.86 1.90 -5.01	28.08 1.95 -7.18	33.41 2.48 -8.21	35.30 2.62 -9.13	39.76 2.88 -13.12	43.37 2.97 -16.83	45.95 3.07 -19.25	60.86 3.11 -34.17	66.74 3.13 -39.88	71.78 2.96 -46.90	78.69 3.19 -52.08	73.04 3.43 -44.90	66.59 3.52 -37.59	52.04 3.53 -22.94	50.94 3.37 -22.21	53.23 3.38 -23.62	39.70 3.04 -12.57	38.42 3.20 -8.98

WEST CANADA___HYD 24049	26.59 0.24 0.00	23.82 0.21 0.00	22.96 0.18 0.00	19.85 0.16 0.00	18.87 0.17 0.00	18.96 0.17 0.00	19.10 0.15 0.00	19.10 0.15 0.00	22.90 0.18 0.00	23.75 0.19 0.00	23.95 0.19 0.00	23.76 0.19 0.00	23.81 0.19 0.00	23.76 0.19 0.00	23.92 0.19 0.00	22.09 0.17 0.00	23.61 0.19 0.00	24.91 0.20 0.00	25.68 0.20 0.00	25.80 0.23 0.00	25.56 0.20 0.00	26.46 0.24 0.00	24.31 0.22 0.00	26.45 0.21 0.00
WESTERN_NY_WIND 24143	25.70 -0.74 -0.08	22.97 -0.78 -0.14	22.12 -0.89 -0.23	19.50 -0.71 -0.52	18.59 -0.56 -0.45	18.69 -0.55 -0.44	18.77 -0.70 -0.51	18.67 -0.87 -0.59	21.78 -1.20 -0.26	22.82 -1.04 -0.29	23.02 -1.09 -0.35	22.83 -1.32 -0.58	23.30 -1.18 -0.85	23.20 -1.44 -1.06	23.50 -1.38 -1.14	22.52 -1.01 -1.61	24.16 -1.17 -1.90	26.50 -0.69 -2.48	27.42 -0.64 -2.58	26.93 -0.74 -2.10	26.56 -0.81 -2.01	26.48 -0.68 -0.93	23.91 -0.94 -0.75	25.27 -1.13 -0.15
WESTOVER___LESR 323668	26.80 0.24 -0.20	24.08 0.14 -0.33	23.39 0.07 -0.54	21.00 0.08 -1.23	19.88 0.11 -1.07	19.95 0.11 -1.04	20.27 0.09 -1.22	20.42 0.08 -1.40	23.39 0.05 -0.62	24.42 0.16 -0.70	24.75 0.14 -0.84	25.01 0.07 -1.37	25.77 0.12 -2.03	26.14 0.05 -2.52	26.51 0.07 -2.71	25.86 0.13 -3.81	28.04 0.09 -4.51	30.84 0.25 -5.88	31.91 0.28 -6.15	30.81 0.26 -4.98	30.32 0.20 -4.76	28.65 0.21 -2.22	26.07 0.19 -1.79	26.76 0.16 -0.37
WETHRSFD_WT_PWR 323626	25.13 -1.34 -0.11	22.52 -1.28 -0.18	21.74 -1.34 -0.30	19.32 -1.06 -0.69	18.39 -0.92 -0.60	18.46 -0.92 -0.59	18.62 -1.02 -0.69	18.58 -1.16 -0.79	21.57 -1.50 -0.35	22.52 -1.44 -0.39	22.60 -1.64 -0.47	22.72 -1.63 -0.77	23.23 -1.54 -1.14	23.32 -1.67 -1.42	23.57 -1.68 -1.53	22.62 -1.45 -2.15	24.40 -1.57 -2.55	26.30 -1.73 -3.32	27.10 -1.83 -3.46	26.54 -1.84 -2.81	26.22 -1.83 -2.68	25.58 -1.89 -1.25	23.44 -1.66 -1.01	25.03 -1.42 -0.21
WHAVSTOR_138KV_BK127 55557	28.89 1.90 -0.63	26.25 1.61 -1.03	25.93 1.44 -1.71	24.76 1.18 -3.88	23.21 1.12 -3.39	23.23 1.15 -3.29	23.97 1.16 -3.86	24.58 1.21 -4.42	26.30 1.61 -1.97	27.52 1.74 -2.21	28.34 1.92 -2.65	29.93 2.03 -4.32	32.16 2.13 -6.41	33.69 2.15 -7.97	34.52 2.21 -8.58	36.06 2.08 -12.06	39.94 2.23 -14.28	45.69 2.37 -18.61	47.30 2.42 -19.41	43.70 2.38 -15.76	42.66 2.23 -15.07	35.44 2.20 -7.01	31.78 2.02 -5.66	29.53 2.13 -1.16
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.89 1.90 -0.63	26.25 1.61 -1.03	25.93 1.44 -1.71	24.76 1.18 -3.88	23.21 1.12 -3.39	23.23 1.15 -3.29	23.97 1.16 -3.86	24.58 1.21 -4.42	26.30 1.61 -1.97	27.52 1.74 -2.21	28.34 1.92 -2.65	29.93 2.03 -4.32	32.16 2.13 -6.41	33.69 2.15 -7.97	34.52 2.21 -8.58	36.06 2.08 -12.06	39.94 2.23 -14.28	45.69 2.37 -18.61	47.30 2.42 -19.41	43.70 2.38 -15.76	42.66 2.23 -15.07	35.44 2.20 -7.01	31.78 2.02 -5.66	29.53 2.13 -1.16
WHITEHAL_115KV_TB1 80871	29.66 2.42 -0.88	27.24 2.20 -1.43	27.04 1.89 -2.38	26.80 1.71 -5.39	25.05 1.65 -4.71	24.98 1.62 -4.57	25.94 1.63 -5.36	26.69 1.61 -6.13	27.68 2.23 -2.73	29.01 2.38 -3.07	29.70 2.26 -3.68	31.77 2.19 -6.00	34.48 1.96 -8.90	36.42 1.79 -11.06	36.94 1.31 -11.91	39.90 1.25 -16.73	44.52 1.27 -19.82	52.05 1.51 -25.83	54.14 1.73 -26.93	49.25 1.82 -21.87	48.17 1.90 -20.91	37.97 2.02 -9.73	34.14 2.19 -7.85	30.03 2.18 -1.61
WHITEPLN_13_KV_LOAD 356215	29.39 2.37 -0.66	26.72 2.03 -1.08	26.39 1.82 -1.79	25.26 1.52 -4.05	23.66 1.42 -3.54	23.66 1.43 -3.44	24.48 1.50 -4.03	25.17 1.61 -4.61	26.89 2.11 -2.05	28.15 2.29 -2.31	29.03 2.50 -2.77	30.68 2.59 -4.51	33.08 2.76 -6.69	34.67 2.78 -8.31	39.37 2.85 -12.79	42.31 2.72 -17.67	53.43 2.91 -27.09	52.79 3.14 -24.94	48.94 3.21 -20.25	45.13 3.12 -16.44	44.02 2.94 -15.72	36.40 2.86 -7.31	32.53 2.53 -5.90	30.13 2.68 -1.21
WM_FLOYD_69_KV_BK2 356380	36.07 2.82 -6.89	35.12 2.41 -9.10	34.52 2.19 -9.56	31.63 1.83 -10.10	29.47 1.74 -9.03	32.26 1.77 -11.69	25.77 1.80 -5.01	27.99 1.86 -7.18	33.25 2.32 -8.21	35.12 2.43 -9.13	39.62 2.73 -13.12	42.38 2.85 -15.95	44.59 2.95 -18.02	60.01 2.97 -33.46	65.80 3.04 -39.04	70.71 2.85 -45.94	78.23 3.12 -51.69	98.99 3.36 -70.92	66.32 3.46 -37.37	58.85 3.45 -29.83	50.75 3.27 -22.12	53.01 3.28 -23.51	39.60 2.94 -12.57	38.31 3.10 -8.98
WOODARD__115KV_TB2 355635	26.38 -0.03 -0.05	23.62 -0.07 -0.09	22.81 -0.11 -0.14	19.92 -0.10 -0.32	18.91 -0.07 -0.28	18.99 -0.08 -0.27	19.18 -0.09 -0.32	19.20 -0.11 -0.37	22.73 -0.16 -0.16	23.67 -0.07 -0.18	23.89 -0.10 -0.22	23.77 -0.17 -0.36	24.01 -0.14 -0.53	24.05 -0.19 -0.66	24.23 -0.21 -0.71	22.72 -0.20 -1.00	24.36 -0.26 -1.19	26.08 -0.17 -1.54	26.92 -0.20 -1.64	26.65 -0.23 -1.31	26.36 -0.25 -1.25	26.57 -0.24 -0.58	24.35 -0.22 -0.47	26.13 -0.21 -0.10
YORK___WARBASSE 23770	29.39 2.37 -0.66	26.67 1.98 -1.08	26.30 1.73 -1.79	25.18 1.42 -4.06	23.54 1.29 -3.55	23.54 1.30 -3.45	24.36 1.36 -4.04	25.01 1.44 -4.62	26.76 1.98 -2.06	27.99 2.12 -2.31	28.87 2.33 -2.77	30.72 2.57 -4.58	46.04 2.72 -19.70	34.60 2.69 -8.34	39.35 2.75 -12.87	42.12 2.50 -17.71	53.30 2.74 -27.14	52.65 2.94 -25.00	48.79 3.01 -20.31	44.97 2.91 -16.49	43.86 2.91 -15.77	36.45 2.83 -7.39	32.50 2.48 -5.92	30.03 2.57 -1.21