

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								09/07/2024		
Generator Data																												
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	27.02	23.48	22.99	22.32	23.00	23.15	23.51	23.50	25.82	26.78	26.05	26.72	26.76	26.58	26.75	27.59	29.84	32.52	32.49	30.87	27.96	25.68	25.02	24.02			
		1.29	1.12	1.14	1.14	1.04	1.06	1.16	1.22	1.48	1.54	1.64	1.70	1.77	1.77	1.96	2.11	2.16	2.27	2.10	2.05	1.68	1.52	1.30	1.42			
		0.00	0.00	0.00	0.00	-2.71	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03			
74TH STREET_GT_1	24260	27.25	23.55	23.10	22.41	23.04	23.22	23.60	23.61	25.89	26.86	26.12	26.75	26.84	26.65	26.80	27.64	29.87	32.58	32.55	30.96	28.02	25.68	25.07	23.99			
		1.52	1.19	1.25	1.23	1.08	1.12	1.25	1.34	1.56	1.62	1.71	1.73	1.85	1.85	2.01	2.17	2.19	2.33	2.16	2.13	1.73	1.52	1.35	1.40			
		0.00	0.00	0.00	0.00	-2.71	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03			
74TH STREET_GT_2	24261	27.25	23.55	23.10	22.41	23.04	23.22	23.60	23.61	25.89	26.86	26.12	26.75	26.84	26.65	26.80	27.64	29.87	32.58	32.55	30.96	28.02	25.68	25.07	23.99			
		1.52	1.19	1.25	1.23	1.08	1.12	1.25	1.34	1.56	1.62	1.71	1.73	1.85	1.85	2.01	2.17	2.19	2.33	2.16	2.13	1.73	1.52	1.35	1.40			
		0.00	0.00	0.00	0.00	-2.71	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03			
ADK HUDSON___FALLS	24011	27.69	24.06	23.47	22.74	24.21	24.06	24.07	23.88	26.28	27.23	26.12	26.77	26.69	26.25	26.46	27.24	29.53	32.37	32.80	31.16	28.44	26.09	25.45	24.21			
		1.96	1.70	1.62	1.57	1.42	1.58	1.72	1.60	1.95	1.99	1.71	1.75	1.70	1.63	1.66	1.76	1.85	2.12	2.40	2.33	2.16	1.93	1.73	1.60			
		0.00	0.00	0.00	0.00	-3.53	-1.66	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	-0.04			
ADK RESOURCE___RCVRY	23798	27.81	24.20	23.58	22.85	24.34	24.19	24.18	23.97	26.47	27.43	26.30	26.95	26.84	26.38	26.58	27.36	29.67	32.52	32.98	31.36	28.59	26.26	25.57	24.34			
		2.08	1.83	1.73	1.67	1.56	1.71	1.83	1.69	2.14	2.19	1.88	1.93	1.85	1.75	1.79	1.89	1.99	2.27	2.58	2.54	2.31	2.10	1.85	1.74			
		0.00	0.00	0.00	0.00	-3.54	-1.66	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	-0.04			
ADK S GLENS___FALLS	24028	27.69	24.06	23.47	22.74	24.21	24.06	24.07	23.88	26.28	27.23	26.12	26.77	26.69	26.25	26.46	27.24	29.53	32.37	32.80	31.16	28.44	26.09	25.45	24.21			
		1.96	1.70	1.62	1.57	1.42	1.58	1.72	1.60	1.95	1.99	1.71	1.75	1.70	1.63	1.66	1.76	1.85	2.12	2.40	2.33	2.16	1.93	1.73	1.60			
		0.00	0.00	0.00	0.00	-3.53	-1.66	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	-0.04			
ADK_NYS___DAM	23527	27.17	23.62	23.12	22.43	23.79	23.63	23.62	23.57	25.87	26.75	25.81	26.47	26.54	26.24	26.48	27.26	29.56	32.31	32.40	30.75	27.96	25.70	25.14	24.02			
		1.44	1.25	1.27	1.25	1.14	1.21	1.27	1.29	1.53	1.51	1.39	1.45	1.55	1.58	1.69	1.78	1.88	2.06	2.01	1.93	1.68	1.55	1.42	1.42			
		0.00	0.00	0.00	0.00	-3.41	-1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04			
AIR_PRODUCTS___DRP	24190	26.12	22.79	22.45	21.79	23.20	22.99	22.95	22.88	25.06	25.77	24.90	25.49	25.54	25.19	25.44	26.12	28.26	30.92	31.00	29.46	26.83	24.71	24.19	23.08			
		0.39	0.42	0.59	0.61	0.52	0.56	0.60	0.60	0.73	0.53	0.49	0.48	0.55	0.57	0.64	0.64	0.58	0.67	0.61	0.63	0.55	0.56	0.47	0.47			
		0.00	0.00	0.00	0.00	-3.43	-1.61	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	-0.04			
AKWESSNE_115KV_BK	355683	25.53	22.25	21.68	20.99	19.13	20.69	22.15	22.07	24.11	24.99	24.20	24.82	24.77	24.43	24.55	25.17	27.38	29.92	30.12	28.54	26.04	23.94	23.48	22.32			
		-0.21	-0.11	-0.17	-0.19	-0.12	-0.12	-0.20	-0.20	-0.22	-0.25	-0.22	-0.20	-0.22	-0.20	-0.25	-0.31	-0.30	-0.33	-0.27	-0.29	-0.24	-0.22	-0.24	-0.25			
		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	26.66	23.21	22.77	22.09	23.45	23.31	23.29	23.12	25.35	26.10	25.17	25.77	25.79	25.41	25.66	26.39	28.68	31.40	31.58	30.01	27.30	25.15	24.60	23.48			
		0.92	0.85	0.92	0.91	0.85	0.91	0.94	0.85	1.02	0.86	0.76	0.75	0.80	0.79	0.87	0.92	1.00	1.15	1.18	1.18	1.02	0.99	0.88	0.88			
		0.00	0.00	0.00	0.00	-3.36	-1.58	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	-0.04			
ALBANY_2_SOLAR	323834	26.63	23.21	22.77	22.09	23.45	23.29	23.29	23.12	25.35	26.10	25.17	25.77	25.77	25.41	25.66	26.39	28.68	31.40	31.58	30.01	27.30	25.15	24.57	23.46			
		0.90	0.85	0.92	0.91	0.85	0.89	0.94	0.85	1.02	0.86	0.76	0.75	0.78	0.79	0.87	0.92	1.00	1.15	1.18	1.18	1.02	0.99	0.85	0.86			
		0.00	0.00	0.00	0.00	-3.36	-1.58	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	-0.04			
ALBANY___1	23571	26.12	22.79	22.45	21.79	23.20	22.99	22.95	22.88	25.06	25.77	24.90	25.49	25.54	25.19	25.44	26.12	28.26	30.92	31.00	29.46	26.83	24.71	24.19	23.08			
		0.39	0.42	0.59	0.61	0.52	0.56	0.60	0.60	0.73	0.53	0.49	0.48	0.55	0.57	0.64	0.64	0.58	0.67	0.61	0.63	0.55	0.56	0.47	0.47			
		0.00	0.00	0.00	0.00	-3.43	-1.61	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	-0.04			



ALBANY___2 23572	26.12 0.39 0.00	22.79 0.42 0.00	22.45 0.59 0.00	21.79 0.61 0.00	23.20 0.52 -3.43	22.99 0.56 -1.61	22.95 0.60 0.00	22.88 0.60 0.00	25.06 0.73 0.00	25.77 0.53 0.00	24.90 0.49 0.00	25.49 0.48 0.00	25.54 0.55 0.00	25.19 0.57 0.00	25.44 0.64 0.00	26.12 0.64 0.00	28.26 0.58 0.00	30.92 0.67 0.00	31.00 0.61 0.00	29.46 0.63 0.00	26.83 0.55 0.00	24.71 0.56 0.00	24.19 0.47 0.00	23.08 0.47 -0.04
ALBANY___3 23573	26.12 0.39 0.00	22.79 0.42 0.00	22.45 0.59 0.00	21.79 0.61 0.00	23.20 0.52 -3.43	22.99 0.56 -1.61	22.95 0.60 0.00	22.88 0.60 0.00	25.06 0.73 0.00	25.77 0.53 0.00	24.90 0.49 0.00	25.49 0.48 0.00	25.54 0.55 0.00	25.19 0.57 0.00	25.44 0.64 0.00	26.12 0.64 0.00	28.26 0.58 0.00	30.92 0.67 0.00	31.00 0.61 0.00	29.46 0.63 0.00	26.83 0.55 0.00	24.71 0.56 0.00	24.19 0.47 0.00	23.08 0.47 -0.04
ALBANY___4 23574	26.12 0.39 0.00	22.79 0.42 0.00	22.45 0.59 0.00	21.79 0.61 0.00	23.20 0.52 -3.43	22.99 0.56 -1.61	22.95 0.60 0.00	22.88 0.60 0.00	25.06 0.73 0.00	25.77 0.53 0.00	24.90 0.49 0.00	25.49 0.48 0.00	25.54 0.55 0.00	25.19 0.57 0.00	25.44 0.64 0.00	26.12 0.64 0.00	28.26 0.58 0.00	30.92 0.67 0.00	31.00 0.61 0.00	29.46 0.63 0.00	26.83 0.55 0.00	24.71 0.56 0.00	24.19 0.47 0.00	23.08 0.47 -0.04
ALBANY___LFGE 323615	26.32 0.59 0.00	22.97 0.60 0.00	22.58 0.72 0.00	21.92 0.74 0.00	23.38 0.67 -3.46	23.15 0.71 -1.63	23.08 0.74 0.00	22.99 0.71 0.00	25.26 0.92 0.00	26.00 0.76 0.00	25.12 0.71 0.00	25.75 0.73 0.00	25.79 0.80 0.00	25.41 0.79 0.00	25.69 0.89 0.00	26.37 0.89 0.00	28.57 0.89 0.00	31.19 0.94 0.00	31.34 0.94 0.00	29.75 0.92 0.00	27.07 0.79 0.00	24.93 0.77 0.00	24.38 0.66 0.00	23.28 0.68 -0.04
ALCOA_PA_115KV_PL-6C 55860	25.55 -0.18 0.00	22.30 -0.07 0.00	21.73 -0.13 0.00	21.03 -0.15 0.00	19.17 -0.08 0.00	20.73 -0.08 0.00	22.19 -0.16 0.00	22.12 -0.16 0.00	24.16 -0.17 0.00	25.04 -0.20 0.00	24.22 -0.20 0.00	24.87 -0.15 0.00	24.79 -0.20 0.00	24.45 -0.17 0.00	24.57 -0.22 0.00	25.20 -0.28 0.00	27.40 -0.28 0.00	29.95 -0.30 0.00	30.15 -0.24 0.00	28.56 -0.26 0.00	26.07 -0.21 0.00	23.96 -0.19 0.00	23.48 -0.24 0.00	22.34 -0.23 0.00
ALCOA_RYNLDS___DRP 24188	25.55 -0.18 0.00	22.30 -0.07 0.00	21.73 -0.13 0.00	21.03 -0.15 0.00	19.17 -0.08 0.00	20.73 -0.08 0.00	22.19 -0.16 0.00	22.12 -0.16 0.00	24.16 -0.17 0.00	25.04 -0.20 0.00	24.22 -0.20 0.00	24.87 -0.15 0.00	24.79 -0.20 0.00	24.45 -0.17 0.00	24.57 -0.22 0.00	25.20 -0.28 0.00	27.40 -0.28 0.00	29.95 -0.30 0.00	30.15 -0.24 0.00	28.56 -0.26 0.00	26.07 -0.21 0.00	23.96 -0.19 0.00	23.48 -0.24 0.00	22.34 -0.23 0.00
ALCOA___DSASP 323711	25.55 -0.18 0.00	22.27 -0.09 0.00	21.73 -0.13 0.00	21.03 -0.15 0.00	19.09 -0.15 0.00	20.65 -0.17 0.00	22.19 -0.16 0.00	22.12 -0.15 0.00	24.16 -0.17 0.00	25.04 -0.20 0.00	24.22 -0.20 0.00	24.87 -0.15 0.00	24.79 -0.20 0.00	24.46 -0.17 0.00	24.57 -0.22 0.00	25.20 -0.28 0.00	27.40 -0.28 0.00	29.95 -0.30 0.00	30.15 -0.24 0.00	28.56 -0.26 0.00	26.07 -0.21 0.00	23.96 -0.19 0.00	23.50 -0.21 0.00	22.34 -0.23 0.00
ALLEGHENY___COGEN 23514	25.35 -0.39 0.00	21.89 -0.47 0.00	21.31 -0.52 0.02	20.58 -0.57 0.02	18.76 -0.54 -0.05	20.33 -0.50 -0.01	21.79 -0.54 0.02	21.87 -0.38 0.02	23.48 -0.83 0.02	24.41 -0.81 0.02	23.39 -1.00 0.02	23.72 -1.28 0.02	23.59 -1.37 0.02	23.17 -1.43 0.02	23.35 -1.36 0.08	23.83 -1.40 0.25	25.95 -1.22 0.51	28.01 -1.09 1.16	28.65 -0.76 0.99	27.03 -0.89 0.90	25.66 -0.50 0.12	23.43 -0.70 0.02	23.08 -0.62 0.02	21.64 -0.90 0.02
ALTAMONT_115KV_TB 2 55880	26.40 0.67 0.00	22.94 0.58 0.00	22.51 0.66 0.00	21.83 0.66 0.00	23.26 0.58 -3.44	23.06 0.62 -1.61	23.02 0.67 0.00	22.94 0.67 0.00	25.11 0.78 0.00	25.95 0.71 0.00	25.07 0.66 0.00	25.69 0.68 0.00	25.71 0.72 0.00	25.37 0.74 0.00	25.61 0.82 0.00	26.34 0.87 0.00	28.57 0.89 0.00	31.25 1.00 0.00	31.34 0.94 0.00	29.77 0.95 0.00	27.10 0.81 0.00	24.91 0.75 0.00	24.38 0.66 0.00	23.26 0.65 -0.04
ALTONA_WT_PWR 323606	25.40 -0.34 0.00	22.14 -0.22 0.00	21.64 -0.22 0.00	20.94 -0.23 0.00	18.94 -0.31 0.00	20.55 -0.27 0.00	22.12 -0.22 0.00	21.83 -0.45 0.00	23.89 -0.44 0.00	24.76 -0.48 0.00	24.02 -0.39 0.00	24.72 -0.30 0.00	24.54 -0.45 0.00	24.26 -0.37 0.00	24.35 -0.45 0.00	24.87 -0.61 0.00	27.13 -0.55 0.00	29.71 -0.54 0.00	30.43 0.03 0.00	28.82 0.00 0.00	26.33 0.05 0.00	24.11 -0.05 0.00	23.58 -0.14 0.00	22.34 -0.23 0.00
AMERICAN_REF_FUEL 24010	23.05 -2.68 0.00	19.93 -2.44 0.00	19.55 -2.29 0.02	18.87 -2.29 0.02	17.29 -2.08 -0.12	18.66 -2.21 -0.05	19.81 -2.53 0.02	19.85 -2.41 0.02	21.15 -3.16 0.02	22.30 -2.93 0.02	21.52 -2.88 0.02	21.82 -3.18 0.02	21.75 -3.22 0.02	21.46 -3.15 0.02	21.60 -3.12 0.07	21.89 -3.36 0.23	23.67 -3.52 0.50	25.37 -3.78 1.10	25.89 -3.56 0.95	24.14 -3.83 0.85	23.22 -2.94 0.12	21.27 -2.88 0.02	21.14 -2.56 0.02	19.80 -2.75 0.02
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.14 -1.60 0.00	20.84 -1.52 0.00	20.26 -1.57 0.02	19.63 -1.52 0.02	17.96 -1.39 -0.10	19.33 -1.52 -0.04	20.74 -1.59 0.02	20.81 -1.45 0.02	22.49 -1.83 0.02	23.38 -1.84 0.02	22.59 -1.81 0.02	23.02 -1.98 0.02	22.95 -2.02 0.02	22.56 -2.04 0.02	22.53 -2.18 0.08	22.87 -2.37 0.24	24.63 -2.55 0.50	26.37 -2.75 1.13	26.82 -2.61 0.96	25.30 -2.65 0.87	24.01 -2.15 0.12	22.08 -2.05 0.02	21.78 -1.92 0.02	20.72 -1.83 0.02
ARTHUR KILL_GT_1 23520	39.84 1.34 -12.77	23.60 1.23 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.17 1.08 -1.28	23.51 1.16 0.00	23.43 1.16 0.00	39.83 1.46 -14.04	39.84 1.51 -13.08	39.83 1.59 -13.83	40.16 1.65 -13.49	40.17 1.70 -13.48	40.16 1.72 -13.81	40.16 1.88 -13.49	40.52 2.06 -12.98	40.53 2.10 -10.75	40.79 2.21 -8.33	40.54 2.04 -8.11	40.18 1.99 -9.36	39.84 1.66 -11.90	25.58 1.42 0.00	25.02 1.30 0.00	24.11 1.51 -0.03
ARTHUR_KILL_2 23512	39.76 1.26 -12.77	23.53 1.16 -0.01	23.07 1.20 -0.01	22.39 1.21 -0.01	23.06 1.10 -2.71	23.13 1.04 -1.28	23.44 1.09 0.00	23.37 1.09 0.00	39.76 1.39 -14.04	39.76 1.44 -13.08	39.76 1.51 -13.83	40.09 1.58 -13.49	40.09 1.62 -13.48	40.09 1.65 -13.81	40.09 1.81 -13.49	40.45 1.99 -12.98	40.45 2.02 -10.75	40.70 2.12 -8.33	40.45 1.95 -8.11	40.09 1.90 -9.36	39.76 1.58 -11.90	25.53 1.38 0.00	24.95 1.23 0.00	24.04 1.45 -0.03
ARTHUR_KILL_3 23513	39.60 1.11 -12.76	23.28 0.92 0.00	22.80 0.94 0.00	22.15 0.97 0.00	22.83 0.87 -2.71	22.99 0.89 -1.28	23.33 0.98 0.00	23.32 1.05 0.00	39.72 1.34 -14.05	39.69 1.36 -13.09	39.72 1.46 -13.84	40.07 1.55 -13.50	40.08 1.60 -13.48	40.07 1.62 -13.82	40.08 1.79 -13.49	40.38 1.91 -12.99	40.38 1.94 -10.76	40.62 2.03 -8.34	40.37 1.85 -8.12	40.01 1.82 -9.37	39.69 1.50 -11.91	25.48 1.33 0.00	24.83 1.12 0.00	23.81 1.22 -0.03



ARTHUR_KILL_COGEN 323718	39.84 1.34 -12.77	23.60 1.23 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.17 1.08 -1.28	23.51 1.16 0.00	23.43 1.16 0.00	39.83 1.46 -14.04	39.84 1.51 -13.08	39.83 1.59 -13.83	40.16 1.65 -13.49	40.17 1.70 -13.48	40.16 1.72 -13.81	40.16 1.88 -13.49	40.52 2.06 -12.98	40.53 2.10 -10.75	40.79 2.21 -8.33	40.54 2.04 -8.11	40.18 1.99 -9.36	39.84 1.66 -11.90	25.58 1.42 0.00	25.02 1.30 0.00	24.11 1.51 -0.03
ASHOKAN____ 23654	26.86 1.13 0.00	23.32 0.96 0.00	22.88 1.03 0.00	22.17 1.00 0.00	23.22 0.92 -3.05	23.21 0.96 -1.43	23.31 0.96 0.00	22.97 0.69 0.00	25.31 0.97 0.00	26.02 0.78 0.00	25.17 0.76 0.00	25.72 0.70 0.00	25.77 0.78 0.00	25.24 0.62 0.00	25.66 0.87 0.00	26.47 0.99 0.00	28.82 1.14 0.00	31.61 1.36 0.00	31.79 1.40 0.00	30.21 1.38 0.00	27.36 1.08 0.00	25.20 1.04 0.00	24.57 0.85 0.00	23.55 0.95 -0.03
ASTORIA_EAST_ENERGY_CC1 323581	27.10 1.36 -0.01	23.56 1.18 -0.01	23.07 1.20 -0.01	22.37 1.19 -0.01	23.04 1.08 -2.71	23.13 1.04 -1.28	23.47 1.12 0.00	23.39 1.11 0.00	25.73 1.41 0.01	26.67 1.44 0.01	25.95 1.54 0.01	26.64 1.63 0.01	26.66 1.67 0.01	26.49 1.70 -0.17	26.65 1.86 0.01	27.49 2.01 0.00	29.69 2.02 0.01	32.33 2.09 0.01	32.30 1.92 0.01	30.72 1.90 0.01	27.82 1.55 0.01	25.48 1.33 0.01	24.86 1.14 0.00	24.06 1.47 -0.03
ASTORIA_EAST_ENERGY_CC2 323582	27.10 1.36 -0.01	23.56 1.18 -0.01	23.07 1.20 -0.01	22.37 1.19 -0.01	23.04 1.08 -2.71	23.13 1.04 -1.28	23.47 1.12 0.00	23.39 1.11 0.00	25.73 1.41 0.01	26.67 1.44 0.01	25.95 1.54 0.01	26.64 1.63 0.01	26.66 1.67 0.01	26.49 1.70 -0.17	26.65 1.86 0.01	27.49 2.01 0.00	29.69 2.02 0.01	32.33 2.09 0.01	32.30 1.92 0.01	30.72 1.90 0.01	27.82 1.55 0.01	25.48 1.33 0.01	24.86 1.14 0.00	24.06 1.47 -0.03
ASTORIA_GT2_1 24094	27.23 1.49 -0.01	23.60 1.23 -0.01	23.13 1.27 -0.01	22.43 1.25 -0.01	23.06 1.10 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.67 1.99 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.75 1.93 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	24.02 1.42 -0.03
ASTORIA_GT2_2 24095	27.23 1.49 -0.01	23.60 1.23 -0.01	23.13 1.27 -0.01	22.43 1.25 -0.01	23.06 1.10 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.67 1.99 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.75 1.93 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	24.02 1.42 -0.03
ASTORIA_GT2_3 24096	27.23 1.49 -0.01	23.60 1.23 -0.01	23.13 1.27 -0.01	22.43 1.25 -0.01	23.06 1.10 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.67 1.99 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.75 1.93 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	24.02 1.42 -0.03
ASTORIA_GT2_4 24097	27.23 1.49 -0.01	23.60 1.23 -0.01	23.13 1.27 -0.01	22.43 1.25 -0.01	23.06 1.10 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.67 1.99 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.75 1.93 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	24.02 1.42 -0.03
ASTORIA_GT3_1 24098	27.23 1.49 -0.01	23.60 1.23 -0.01	23.13 1.27 -0.01	22.43 1.25 -0.01	23.06 1.10 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.67 1.99 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.75 1.93 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	24.02 1.42 -0.03
ASTORIA_GT3_2 24099	27.23 1.49 -0.01	23.60 1.23 -0.01	23.13 1.27 -0.01	22.43 1.25 -0.01	23.06 1.10 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.67 1.99 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.75 1.93 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	24.02 1.42 -0.03
ASTORIA_GT3_3 24100	27.23 1.49 -0.01	23.60 1.23 -0.01	23.13 1.27 -0.01	22.43 1.25 -0.01	23.06 1.10 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.67 1.99 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.75 1.93 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	24.02 1.42 -0.03
ASTORIA_GT3_4 24101	27.23 1.49 -0.01	23.60 1.23 -0.01	23.13 1.27 -0.01	22.43 1.25 -0.01	23.06 1.10 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.67 1.99 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.75 1.93 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	24.02 1.42 -0.03
ASTORIA_GT4_1 24102	27.23 1.49 -0.01	23.60 1.23 -0.01	23.13 1.27 -0.01	22.43 1.25 -0.01	23.06 1.10 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.67 1.99 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.75 1.93 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	24.02 1.42 -0.03
ASTORIA_GT4_2 24103	27.23 1.49 -0.01	23.60 1.23 -0.01	23.13 1.27 -0.01	22.43 1.25 -0.01	23.06 1.10 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.67 1.99 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.75 1.93 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	24.02 1.42 -0.03
ASTORIA_GT4_3 24104	27.23 1.49 -0.01	23.60 1.23 -0.01	23.13 1.27 -0.01	22.43 1.25 -0.01	23.06 1.10 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.67 1.99 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.75 1.93 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	24.02 1.42 -0.03



ASTORIA_GT4_4 24105	27.23 1.49 -0.01	23.60 1.23 -0.01	23.13 1.27 -0.01	22.43 1.25 -0.01	23.06 1.10 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.67 1.99 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.75 1.93 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	24.02 1.42 -0.03
ASTORIA_GT_1 23523	27.18 1.44 -0.01	23.60 1.23 -0.01	23.11 1.25 -0.01	22.41 1.23 -0.01	23.08 1.12 -2.71	23.17 1.08 -1.28	23.51 1.16 0.00	23.43 1.16 0.00	25.78 1.46 0.01	26.75 1.51 0.01	26.02 1.61 0.01	26.69 1.68 0.01	26.73 1.75 0.01	26.54 1.75 -0.17	26.70 1.91 0.01	27.54 2.06 0.00	29.78 2.10 0.01	32.39 2.15 0.01	32.36 1.97 0.01	30.78 1.96 0.01	27.88 1.60 0.01	25.53 1.38 0.01	24.90 1.19 0.00	24.11 1.51 -0.03
ASTORIA_GT_10 24110	27.21 1.47 -0.01	23.53 1.16 -0.01	23.09 1.22 -0.01	22.39 1.21 -0.01	23.02 1.06 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.52 1.25 0.00	25.82 1.48 0.00	26.75 1.51 0.00	26.05 1.64 0.00	26.67 1.65 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.93 0.00	27.57 2.09 0.00	29.76 2.08 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.97 1.38 -0.03
ASTORIA_GT_11 24225	27.21 1.47 -0.01	23.53 1.16 -0.01	23.09 1.22 -0.01	22.39 1.21 -0.01	23.02 1.06 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.52 1.25 0.00	25.82 1.48 0.00	26.75 1.51 0.00	26.05 1.64 0.00	26.67 1.65 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.93 0.00	27.57 2.09 0.00	29.76 2.08 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.97 1.38 -0.03
ASTORIA_GT_12 24226	27.21 1.47 -0.01	23.53 1.16 -0.01	23.09 1.22 -0.01	22.39 1.21 -0.01	23.02 1.06 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.52 1.25 0.00	25.82 1.48 0.00	26.75 1.51 0.00	26.05 1.64 0.00	26.67 1.65 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.93 0.00	27.57 2.09 0.00	29.76 2.08 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.97 1.38 -0.03
ASTORIA_GT_13 24227	27.21 1.47 -0.01	23.53 1.16 -0.01	23.09 1.22 -0.01	22.39 1.21 -0.01	23.02 1.06 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.52 1.25 0.00	25.82 1.48 0.00	26.75 1.51 0.00	26.05 1.64 0.00	26.67 1.65 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.93 0.00	27.57 2.09 0.00	29.76 2.08 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.97 1.38 -0.03
ASTORIA_GT_5 24106	27.28 1.54 -0.01	23.65 1.27 -0.01	23.18 1.31 -0.01	22.48 1.29 -0.01	23.10 1.14 -2.71	23.20 1.10 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	25.79 1.46 0.00	26.75 1.51 0.00	26.03 1.61 0.00	26.65 1.63 0.00	26.74 1.75 0.00	26.55 1.75 -0.18	26.70 1.91 0.00	27.54 2.06 0.00	29.73 2.05 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.81 1.99 0.00	27.88 1.60 0.00	25.53 1.38 0.00	24.95 1.23 0.00	24.06 1.47 -0.03
ASTORIA_GT_7 24107	27.28 1.54 -0.01	23.65 1.27 -0.01	23.18 1.31 -0.01	22.48 1.29 -0.01	23.10 1.14 -2.71	23.20 1.10 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	25.79 1.46 0.00	26.75 1.51 0.00	26.03 1.61 0.00	26.65 1.63 0.00	26.74 1.75 0.00	26.55 1.75 -0.18	26.70 1.91 0.00	27.54 2.06 0.00	29.73 2.05 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.81 1.99 0.00	27.88 1.60 0.00	25.53 1.38 0.00	24.95 1.23 0.00	24.06 1.47 -0.03
ASTORIA_GT_8 24108	27.28 1.54 -0.01	23.65 1.27 -0.01	23.18 1.31 -0.01	22.48 1.29 -0.01	23.10 1.14 -2.71	23.20 1.10 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	25.79 1.46 0.00	26.75 1.51 0.00	26.03 1.61 0.00	26.65 1.63 0.00	26.74 1.75 0.00	26.55 1.75 -0.18	26.70 1.91 0.00	27.54 2.06 0.00	29.73 2.05 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.81 1.99 0.00	27.88 1.60 0.00	25.53 1.38 0.00	24.95 1.23 0.00	24.06 1.47 -0.03
ASTORIA___2 24149	27.13 1.39 -0.01	23.56 1.18 -0.01	23.07 1.20 -0.01	22.39 1.21 -0.01	23.06 1.10 -2.71	23.13 1.04 -1.28	23.47 1.12 0.00	23.41 1.14 0.00	25.73 1.41 0.01	26.70 1.46 0.01	25.97 1.56 0.01	26.64 1.63 0.01	26.68 1.70 0.01	26.49 1.70 -0.17	26.65 1.86 0.01	27.49 2.01 0.00	29.72 2.05 0.01	32.33 2.09 0.01	32.30 1.92 0.01	30.72 1.90 0.01	27.85 1.58 0.01	25.48 1.33 0.01	24.86 1.14 0.00	24.06 1.47 -0.03
ASTORIA___3 23516	27.08 1.34 -0.01	23.49 1.12 -0.01	23.00 1.14 -0.01	22.35 1.16 -0.01	23.00 1.04 -2.71	23.13 1.04 -1.28	23.47 1.12 0.00	23.43 1.16 0.00	25.82 1.48 0.00	26.75 1.51 0.00	26.03 1.61 0.00	26.72 1.70 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.94 0.00	27.57 2.09 0.00	29.78 2.10 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.95 1.23 0.00	24.02 1.42 -0.03
ASTORIA___4 23517	27.21 1.47 -0.01	23.53 1.16 -0.01	23.09 1.22 -0.01	22.39 1.21 -0.01	23.02 1.06 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.52 1.25 0.00	25.82 1.48 0.00	26.75 1.51 0.00	26.05 1.64 0.00	26.67 1.65 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.93 0.00	27.57 2.09 0.00	29.76 2.08 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.97 1.38 -0.03
ASTORIA___5 23518	27.08 1.34 -0.01	23.49 1.12 -0.01	23.00 1.14 -0.01	22.35 1.16 -0.01	23.00 1.04 -2.71	23.13 1.04 -1.28	23.47 1.12 0.00	23.43 1.16 0.00	25.82 1.48 0.00	26.75 1.51 0.00	26.03 1.61 0.00	26.72 1.70 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.94 0.00	27.57 2.09 0.00	29.78 2.10 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.95 1.23 0.00	24.02 1.42 -0.03
AST_ENERGY_2_CC3 323677	26.89 1.16 0.00	23.35 0.98 0.00	22.86 1.01 0.00	22.21 1.04 0.00	22.89 0.92 -2.71	23.03 0.94 -1.28	23.38 1.03 0.00	23.37 1.09 0.00	25.69 1.36 0.00	26.65 1.41 0.00	25.91 1.49 0.00	26.60 1.58 0.00	26.61 1.62 0.00	26.45 1.65 -0.18	26.60 1.81 0.00	27.44 1.96 0.00	29.66 1.99 0.02	32.32 2.09 0.02	32.29 1.92 0.02	30.68 1.87 0.02	27.83 1.55 0.00	25.51 1.35 0.00	24.88 1.16 0.00	23.88 1.29 -0.03
AST_ENERGY_2_CC4 323678	26.89 1.16 0.00	23.35 0.98 0.00	22.86 1.01 0.00	22.21 1.04 0.00	22.89 0.92 -2.71	23.03 0.94 -1.28	23.38 1.03 0.00	23.37 1.09 0.00	25.69 1.36 0.00	26.65 1.41 0.00	25.91 1.49 0.00	26.60 1.58 0.00	26.61 1.62 0.00	26.45 1.65 -0.18	26.60 1.81 0.00	27.44 1.96 0.00	29.66 1.99 0.02	32.32 2.09 0.02	32.29 1.92 0.02	30.68 1.87 0.02	27.83 1.55 0.00	25.51 1.35 0.00	24.88 1.16 0.00	23.88 1.29 -0.03



ATHENS_STG_1 23668	26.35 0.62 0.00	22.92 0.56 0.00	22.45 0.59 0.00	21.79 0.61 0.00	22.89 0.60 -3.04	22.85 0.60 -1.43	23.00 0.65 0.00	22.92 0.65 0.00	25.13 0.80 0.00	26.05 0.81 0.00	25.22 0.80 0.00	25.87 0.85 0.00	25.89 0.90 0.00	25.56 0.89 -0.04	25.81 1.02 0.00	26.57 1.09 0.00	28.82 1.14 0.00	31.46 1.21 0.00	31.52 1.13 0.00	29.92 1.10 0.00	27.20 0.92 0.00	24.98 0.82 0.00	24.43 0.71 0.00	23.34 0.74 -0.03
ATHENS_STG_2 23670	26.35 0.62 0.00	22.92 0.56 0.00	22.45 0.59 0.00	21.79 0.61 0.00	22.89 0.60 -3.04	22.85 0.60 -1.43	23.00 0.65 0.00	22.92 0.65 0.00	25.13 0.80 0.00	26.05 0.81 0.00	25.22 0.80 0.00	25.87 0.85 0.00	25.89 0.90 0.00	25.56 0.89 -0.04	25.81 1.02 0.00	26.57 1.09 0.00	28.82 1.14 0.00	31.46 1.21 0.00	31.52 1.13 0.00	29.92 1.10 0.00	27.20 0.92 0.00	24.98 0.82 0.00	24.43 0.71 0.00	23.34 0.74 -0.03
ATHENS_STG_3 23677	26.35 0.62 0.00	22.92 0.56 0.00	22.45 0.59 0.00	21.79 0.61 0.00	22.89 0.60 -3.04	22.85 0.60 -1.43	23.00 0.65 0.00	22.92 0.65 0.00	25.13 0.80 0.00	26.05 0.81 0.00	25.22 0.80 0.00	25.87 0.85 0.00	25.89 0.90 0.00	25.56 0.89 -0.04	25.81 1.02 0.00	26.57 1.09 0.00	28.82 1.14 0.00	31.46 1.21 0.00	31.52 1.13 0.00	29.92 1.10 0.00	27.20 0.92 0.00	24.98 0.82 0.00	24.43 0.71 0.00	23.34 0.74 -0.03
AUBURN___LFGE 323710	25.53 -0.21 0.00	22.14 -0.22 0.00	21.61 -0.24 0.01	20.92 -0.25 0.01	19.19 -0.23 -0.17	20.65 -0.25 -0.08	22.14 -0.20 0.01	22.05 -0.22 0.01	24.03 -0.29 0.01	25.03 -0.20 0.01	24.17 -0.24 0.01	24.76 -0.25 0.01	24.66 -0.32 0.01	24.23 -0.39 0.01	24.34 -0.45 0.01	24.96 -0.48 0.03	27.21 -0.42 0.05	29.70 -0.42 0.13	29.92 -0.36 0.11	28.35 -0.37 0.10	26.01 -0.26 0.01	23.86 -0.29 0.01	23.50 -0.21 0.01	22.29 -0.27 0.00
BABYLON_RES_REC 323704	35.46 1.72 -8.01	31.70 1.45 -7.89	30.33 1.49 -6.98	27.83 1.48 -5.17	27.54 1.35 -6.95	26.13 1.42 -3.90	23.76 1.41 0.00	25.58 1.56 -1.75	26.01 1.68 0.00	27.18 1.87 -0.07	31.29 1.91 -4.97	33.20 1.98 -6.20	32.61 2.02 -5.60	33.73 2.04 -7.06	33.86 2.23 -6.83	34.29 2.39 -6.42	34.33 2.54 -4.11	36.23 2.72 -3.25	35.77 2.58 -2.79	35.18 2.48 -3.88	32.77 2.10 -4.39	31.22 1.84 -5.23	29.69 1.68 -4.29	27.44 1.74 -3.13
BABYLON__69_KV_BK2 356345	35.85 2.11 -8.01	31.97 1.72 -7.89	30.61 1.77 -6.98	28.09 1.74 -5.17	27.74 1.54 -6.95	26.38 1.67 -3.90	24.07 1.72 0.00	25.89 1.87 -1.75	26.21 1.87 0.00	27.43 2.12 -0.07	31.54 2.15 -4.97	33.40 2.18 -6.20	32.86 2.27 -5.60	34.01 2.31 -7.06	34.13 2.50 -6.83	34.57 2.68 -6.42	34.58 2.80 -4.11	36.56 3.06 -3.25	36.05 2.86 -2.79	35.50 2.80 -3.88	33.04 2.37 -4.39	31.46 2.08 -5.23	29.95 1.94 -4.29	27.64 1.94 -3.13
BALL_HILL_WT_PWR 323825	23.88 -1.85 0.00	20.62 -1.74 0.00	20.13 -1.70 0.02	19.48 -1.67 0.02	17.84 -1.52 -0.11	19.24 -1.62 -0.04	20.56 -1.77 0.02	20.58 -1.67 0.02	22.27 -2.04 0.02	23.18 -2.04 0.02	22.42 -1.98 0.02	22.87 -2.13 0.02	22.82 -2.15 0.02	22.49 -2.12 0.02	22.53 -2.18 0.08	22.93 -2.32 0.23	24.72 -2.46 0.50	26.45 -2.69 1.11	26.86 -2.58 0.95	25.31 -2.65 0.86	24.01 -2.15 0.12	22.11 -2.03 0.02	21.80 -1.90 0.02	20.70 -1.85 0.02
BARON_WINDS___WT_PWR 323822	24.47 -1.26 0.00	21.16 -1.21 0.00	20.60 -1.22 0.03	19.94 -1.21 0.03	18.22 -1.10 -0.07	19.69 -1.14 -0.02	21.11 -1.21 0.03	21.09 -1.16 0.03	22.92 -1.39 0.03	23.82 -1.39 0.03	23.00 -1.39 0.03	23.51 -1.48 0.03	23.46 -1.50 0.03	23.07 -1.53 0.03	23.12 -1.59 0.09	23.59 -1.63 0.25	25.48 -1.69 0.51	27.24 -1.85 1.17	27.65 -1.76 0.98	26.16 -1.76 0.91	24.72 -1.45 0.11	22.73 -1.40 0.03	22.34 -1.35 0.03	21.20 -1.33 0.03
BARRETT_IC_1 23704	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13
BARRETT_IC_10 23701	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13
BARRETT_IC_11 23702	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13
BARRETT_IC_12 23703	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13
BARRETT_IC_2 23705	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13
BARRETT_IC_3 23706	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13
BARRETT_IC_4 23707	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13



BARRETT_IC_5 23708	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13
BARRETT_IC_6 23709	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13
BARRETT_IC_7 23710	35.28 1.54 -8.01	31.55 1.30 -7.89	30.19 1.36 -6.98	27.69 1.33 -5.17	27.37 1.17 -6.95	25.96 1.25 -3.90	23.67 1.32 0.00	25.45 1.43 -1.75	25.86 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.00 1.78 -6.20	32.49 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.00 2.21 -4.11	35.80 2.30 -3.25	35.41 2.22 -2.79	34.87 2.16 -3.88	32.54 1.87 -4.39	31.05 1.67 -5.23	29.48 1.47 -4.29	27.19 1.49 -3.13
BARRETT_IC_8 23711	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13
BARRETT_IC_9 23700	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13
BARRETT___1 23545	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13
BARRETT___2 23546	35.18 1.44 -8.01	31.50 1.25 -7.89	30.13 1.29 -6.98	27.64 1.29 -5.17	27.35 1.15 -6.95	25.92 1.21 -3.90	23.58 1.23 0.00	25.36 1.34 -1.75	25.87 1.53 0.00	27.00 1.69 -0.07	31.17 1.78 -4.97	33.03 1.80 -6.20	32.48 1.90 -5.60	33.56 1.87 -7.06	33.66 2.03 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.80 2.30 -3.25	35.35 2.16 -2.79	34.87 2.16 -3.88	32.51 1.84 -4.39	31.05 1.67 -5.23	29.45 1.45 -4.29	27.23 1.54 -3.13
BATAVIA__115KV_TB1 55881	24.08 -1.65 0.00	20.87 -1.50 0.00	20.36 -1.49 0.01	19.66 -1.50 0.01	17.96 -1.41 -0.12	19.35 -1.52 -0.05	20.70 -1.63 0.01	20.43 -1.83 0.01	22.27 -2.04 0.01	23.43 -1.79 0.01	22.59 -1.81 0.01	23.10 -1.90 0.01	22.83 -2.15 0.01	22.47 -2.14 0.01	22.62 -2.11 0.07	22.94 -2.32 0.22	25.03 -2.16 0.49	26.69 -2.48 1.08	27.24 -2.22 0.93	25.45 -2.54 0.84	24.35 -1.81 0.12	22.28 -1.86 0.01	22.00 -1.71 0.01	20.81 -1.74 0.01
BAYONEEC___CTG1 323682	26.92 1.18 0.00	23.37 1.01 0.00	22.88 1.03 0.00	22.21 1.04 0.00	22.90 0.94 -2.71	23.05 0.96 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.62 1.60 0.00	26.66 1.67 0.00	26.48 1.68 -0.18	26.66 1.86 0.00	27.47 1.99 0.00	29.70 2.02 0.00	32.37 2.12 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.86 1.58 0.00	25.53 1.38 0.00	24.90 1.19 0.00	23.88 1.29 -0.03
BAYONEEC___CTG10 323750	26.92 1.18 0.00	23.37 1.01 0.00	22.88 1.03 0.00	22.21 1.04 0.00	22.90 0.94 -2.71	23.05 0.96 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.62 1.60 0.00	26.66 1.67 0.00	26.48 1.68 -0.18	26.66 1.86 0.00	27.47 1.99 0.00	29.70 2.02 0.00	32.37 2.12 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.86 1.58 0.00	25.53 1.38 0.00	24.90 1.19 0.00	23.88 1.29 -0.03
BAYONEEC___CTG2 323683	26.92 1.18 0.00	23.37 1.01 0.00	22.88 1.03 0.00	22.21 1.04 0.00	22.90 0.94 -2.71	23.05 0.96 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.62 1.60 0.00	26.66 1.67 0.00	26.48 1.68 -0.18	26.66 1.86 0.00	27.47 1.99 0.00	29.70 2.02 0.00	32.37 2.12 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.86 1.58 0.00	25.53 1.38 0.00	24.90 1.19 0.00	23.88 1.29 -0.03
BAYONEEC___CTG3 323684	26.92 1.18 0.00	23.37 1.01 0.00	22.88 1.03 0.00	22.21 1.04 0.00	22.90 0.94 -2.71	23.05 0.96 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.62 1.60 0.00	26.66 1.67 0.00	26.48 1.68 -0.18	26.66 1.86 0.00	27.47 1.99 0.00	29.70 2.02 0.00	32.37 2.12 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.86 1.58 0.00	25.53 1.38 0.00	24.90 1.19 0.00	23.88 1.29 -0.03
BAYONEEC___CTG4 323685	26.92 1.18 0.00	23.37 1.01 0.00	22.88 1.03 0.00	22.21 1.04 0.00	22.90 0.94 -2.71	23.05 0.96 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.62 1.60 0.00	26.66 1.67 0.00	26.48 1.68 -0.18	26.66 1.86 0.00	27.47 1.99 0.00	29.70 2.02 0.00	32.37 2.12 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.86 1.58 0.00	25.53 1.38 0.00	24.90 1.19 0.00	23.88 1.29 -0.03
BAYONEEC___CTG5 323686	26.92 1.18 0.00	23.37 1.01 0.00	22.88 1.03 0.00	22.21 1.04 0.00	22.90 0.94 -2.71	23.05 0.96 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.62 1.60 0.00	26.66 1.67 0.00	26.48 1.68 -0.18	26.66 1.86 0.00	27.47 1.99 0.00	29.70 2.02 0.00	32.37 2.12 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.86 1.58 0.00	25.53 1.38 0.00	24.90 1.19 0.00	23.88 1.29 -0.03
BAYONEEC___CTG6 323687	26.92 1.18 0.00	23.37 1.01 0.00	22.88 1.03 0.00	22.21 1.04 0.00	22.90 0.94 -2.71	23.05 0.96 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.62 1.60 0.00	26.66 1.67 0.00	26.48 1.68 -0.18	26.66 1.86 0.00	27.47 1.99 0.00	29.70 2.02 0.00	32.37 2.12 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.86 1.58 0.00	25.53 1.38 0.00	24.90 1.19 0.00	23.88 1.29 -0.03



BAYONEEC___CTG7 323688	26.92 1.18 0.00	23.37 1.01 0.00	22.88 1.03 0.00	22.21 1.04 0.00	22.90 0.94 -2.71	23.05 0.96 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.62 1.60 0.00	26.66 1.67 0.00	26.48 1.68 -0.18	26.66 1.86 0.00	27.47 1.99 0.00	29.70 2.02 0.00	32.37 2.12 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.86 1.58 0.00	25.53 1.38 0.00	24.90 1.19 0.00	23.88 1.29 -0.03
BAYONEEC___CTG8 323689	26.92 1.18 0.00	23.37 1.01 0.00	22.88 1.03 0.00	22.21 1.04 0.00	22.90 0.94 -2.71	23.05 0.96 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.62 1.60 0.00	26.66 1.67 0.00	26.48 1.68 -0.18	26.66 1.86 0.00	27.47 1.99 0.00	29.70 2.02 0.00	32.37 2.12 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.86 1.58 0.00	25.53 1.38 0.00	24.90 1.19 0.00	23.88 1.29 -0.03
BAYONEEC___CTG9 323749	26.92 1.18 0.00	23.37 1.01 0.00	22.88 1.03 0.00	22.21 1.04 0.00	22.90 0.94 -2.71	23.05 0.96 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.62 1.60 0.00	26.66 1.67 0.00	26.48 1.68 -0.18	26.66 1.86 0.00	27.47 1.99 0.00	29.70 2.02 0.00	32.37 2.12 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.86 1.58 0.00	25.53 1.38 0.00	24.90 1.19 0.00	23.88 1.29 -0.03
BEACON___LESR 323632	26.50 0.77 0.00	23.12 0.76 0.00	22.73 0.88 0.00	22.05 0.87 0.00	23.48 0.81 -3.43	23.28 0.85 -1.61	23.27 0.92 0.00	23.14 0.87 0.00	25.45 1.12 0.00	26.20 0.96 0.00	25.29 0.88 0.00	25.92 0.90 0.00	25.94 0.95 0.00	25.59 0.96 0.00	25.84 1.04 0.00	26.52 1.05 0.00	28.76 1.08 0.00	31.43 1.18 0.00	31.58 1.18 0.00	29.98 1.15 0.00	27.28 1.00 0.00	25.15 0.99 0.00	24.57 0.85 0.00	23.44 0.84 -0.04
BEAVER RIVER___HYD 24048	25.19 -0.54 0.00	21.87 -0.49 0.00	21.33 -0.52 0.00	20.63 -0.55 0.00	18.84 -0.50 -0.09	20.36 -0.50 -0.04	21.90 -0.45 0.00	21.81 -0.47 0.00	23.87 -0.46 0.00	24.91 -0.33 0.00	24.05 -0.37 0.00	24.62 -0.40 0.00	24.46 -0.53 0.00	24.06 -0.57 0.00	24.15 -0.64 0.00	24.69 -0.79 0.00	26.85 -0.83 0.00	29.61 -0.64 0.00	29.85 -0.55 0.00	28.13 -0.69 0.00	25.83 -0.45 0.00	23.72 -0.43 0.00	23.24 -0.47 0.00	22.05 -0.52 0.00
BEEBEE_GT_13 23619	24.55 -1.18 0.00	21.29 -1.07 0.00	20.77 -1.07 0.01	20.06 -1.10 0.01	18.31 -1.06 -0.12	19.75 -1.12 -0.05	21.15 -1.18 0.01	20.88 -1.38 0.01	22.79 -1.53 0.01	23.97 -1.26 0.01	23.11 -1.29 0.01	23.68 -1.33 0.01	23.40 -1.57 0.01	23.04 -1.58 0.01	23.19 -1.54 0.07	23.56 -1.71 0.22	25.70 -1.49 0.49	27.44 -1.75 1.06	27.92 -1.55 0.92	26.13 -1.87 0.82	24.87 -1.29 0.12	22.77 -1.38 0.01	22.50 -1.21 0.01	21.27 -1.29 0.01
BENSHRST_27_KV_BENSHRST_1 355998	40.20 1.70 -12.77	23.76 1.39 -0.01	23.28 1.42 -0.01	22.58 1.40 -0.01	23.19 1.23 -2.71	23.34 1.25 -1.28	23.71 1.36 0.00	23.70 1.43 0.00	40.08 1.70 -14.04	40.06 1.74 -13.08	40.10 1.86 -13.83	46.33 1.88 -19.44	40.44 1.97 -13.48	46.44 1.99 -19.82	42.15 2.16 -15.19	46.53 2.34 -18.70	45.52 2.35 -15.49	44.80 2.54 -12.01	44.42 2.34 -11.69	44.59 2.28 -13.49	40.08 1.89 -11.90	25.78 1.62 0.00	25.21 1.49 0.00	24.17 1.58 -0.03
BETHLEHEM___GRP 23843	26.12 0.39 0.00	22.79 0.42 0.00	22.45 0.59 0.00	21.79 0.61 0.00	23.20 0.52 -3.43	22.99 0.56 -1.61	22.95 0.60 0.00	22.88 0.60 0.00	25.06 0.73 0.00	25.77 0.53 0.00	24.90 0.49 0.00	25.49 0.48 0.00	25.54 0.55 0.00	25.19 0.57 0.00	25.44 0.64 0.00	26.12 0.64 0.00	28.26 0.58 0.00	30.92 0.67 0.00	31.00 0.61 0.00	29.46 0.63 0.00	26.83 0.55 0.00	24.71 0.56 0.00	24.19 0.47 0.00	23.08 0.47 -0.04
BETHLEHEM___GS1 323560	26.06 0.33 0.00	22.77 0.40 0.00	22.42 0.57 0.00	21.75 0.57 0.00	23.22 0.54 -3.43	22.99 0.56 -1.61	22.91 0.56 0.00	22.83 0.56 0.00	25.06 0.73 0.00	25.77 0.53 0.00	24.90 0.49 0.00	25.52 0.50 0.00	25.54 0.55 0.00	25.19 0.57 0.00	25.44 0.64 0.00	26.12 0.64 0.00	28.29 0.61 0.00	30.91 0.66 0.00	31.00 0.61 0.00	29.46 0.63 0.00	26.81 0.53 0.00	24.71 0.56 0.00	24.17 0.45 0.00	23.08 0.47 -0.04
BETHLEHEM___GS2 323561	26.06 0.33 0.00	22.77 0.40 0.00	22.42 0.57 0.00	21.75 0.57 0.00	23.22 0.54 -3.43	22.99 0.56 -1.61	22.91 0.56 0.00	22.83 0.56 0.00	25.06 0.73 0.00	25.77 0.53 0.00	24.90 0.49 0.00	25.52 0.50 0.00	25.54 0.55 0.00	25.19 0.57 0.00	25.44 0.64 0.00	26.12 0.64 0.00	28.29 0.61 0.00	30.91 0.66 0.00	31.00 0.61 0.00	29.46 0.63 0.00	26.81 0.53 0.00	24.71 0.56 0.00	24.17 0.45 0.00	23.08 0.47 -0.04
BETHLEHEM___GS3 323562	26.06 0.33 0.00	22.77 0.40 0.00	22.42 0.57 0.00	21.75 0.57 0.00	23.22 0.54 -3.43	22.99 0.56 -1.61	22.91 0.56 0.00	22.83 0.56 0.00	25.06 0.73 0.00	25.77 0.53 0.00	24.90 0.49 0.00	25.52 0.50 0.00	25.54 0.55 0.00	25.19 0.57 0.00	25.44 0.64 0.00	26.12 0.64 0.00	28.29 0.61 0.00	30.91 0.66 0.00	31.00 0.61 0.00	29.46 0.63 0.00	26.81 0.53 0.00	24.71 0.56 0.00	24.17 0.45 0.00	23.08 0.47 -0.04
BETHLEHEM___STEEL 23779	23.70 -2.03 0.00	20.53 -1.83 0.00	20.02 -1.81 0.02	19.38 -1.78 0.02	17.72 -1.64 -0.11	19.09 -1.77 -0.04	20.45 -1.88 0.02	20.32 -1.94 0.02	22.12 -2.19 0.02	23.05 -2.17 0.02	22.30 -2.10 0.02	22.82 -2.18 0.02	22.70 -2.27 0.02	22.39 -2.22 0.02	22.44 -2.28 0.08	22.83 -2.42 0.23	24.64 -2.55 0.50	26.27 -2.87 1.11	26.71 -2.74 0.95	25.23 -2.74 0.86	23.90 -2.26 0.12	22.01 -2.13 0.02	21.73 -1.97 0.02	20.70 -1.85 0.02
BETHLHEM_115KV_TB1 79974	26.17 0.44 0.00	22.81 0.45 0.00	22.45 0.59 0.00	21.79 0.61 0.00	23.20 0.52 -3.43	23.01 0.58 -1.61	22.97 0.63 0.00	22.88 0.60 0.00	25.06 0.73 0.00	25.80 0.56 0.00	24.93 0.51 0.00	25.54 0.53 0.00	25.59 0.60 0.00	25.22 0.59 0.00	25.49 0.69 0.00	26.17 0.69 0.00	28.34 0.66 0.00	30.98 0.73 0.00	31.06 0.67 0.00	29.52 0.69 0.00	26.89 0.60 0.00	24.74 0.58 0.00	24.22 0.50 0.00	23.10 0.50 -0.04
BETHPAGE_CC_5 323564	35.44 1.70 -8.01	31.68 1.43 -7.89	30.28 1.44 -6.98	27.81 1.46 -5.17	27.51 1.31 -6.95	26.09 1.37 -3.90	23.73 1.39 0.00	25.54 1.52 -1.75	26.01 1.68 0.00	27.20 1.89 -0.07	31.32 1.93 -4.97	33.25 2.03 -6.20	32.69 2.10 -5.60	33.78 2.09 -7.06	33.91 2.28 -6.83	34.32 2.42 -6.42	34.33 2.54 -4.11	36.23 2.72 -3.25	35.74 2.55 -2.79	35.18 2.48 -3.88	32.77 2.10 -4.39	31.22 1.84 -5.23	29.64 1.64 -4.29	27.41 1.71 -3.13
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.75 -1.98 0.00	20.55 -1.81 0.00	20.04 -1.79 0.02	19.40 -1.76 0.02	17.76 -1.60 -0.11	19.13 -1.73 -0.04	20.50 -1.83 0.02	20.41 -1.85 0.02	22.24 -2.07 0.02	23.10 -2.12 0.02	22.37 -2.03 0.02	22.90 -2.10 0.02	22.82 -2.15 0.02	22.49 -2.12 0.02	22.51 -2.21 0.08	22.93 -2.32 0.23	24.63 -2.55 0.50	26.32 -2.81 1.11	26.71 -2.74 0.95	25.34 -2.62 0.86	23.93 -2.23 0.12	22.08 -2.05 0.02	21.78 -1.92 0.02	20.76 -1.78 0.02



BINGHAMTON___COGEN 23790	25.50 -0.23 0.00	22.10 -0.27 0.00	21.59 -0.26 0.01	20.92 -0.25 0.01	19.70 -0.25 -0.70	20.87 -0.27 -0.33	22.12 -0.22 0.01	22.09 -0.18 0.01	24.08 -0.24 0.01	25.01 -0.23 0.01	24.17 -0.24 0.01	24.76 -0.25 0.01	24.73 -0.25 0.01	24.32 -0.30 0.01	24.47 -0.30 0.03	25.12 -0.28 0.07	27.24 -0.28 0.16	29.62 -0.27 0.36	29.79 -0.30 0.30	28.29 -0.26 0.28	26.01 -0.24 0.04	23.91 -0.24 0.01	23.47 -0.24 0.01	22.32 -0.25 0.00
BIXINCNT_115KV_LOAD 355685	23.80 -1.93 0.00	20.62 -1.74 0.00	19.93 -1.90 0.02	19.27 -1.88 0.02	17.63 -1.71 -0.10	19.12 -1.73 -0.03	20.61 -1.72 0.02	20.61 -1.65 0.02	22.44 -1.87 0.02	23.22 -1.99 0.02	22.51 -1.88 0.02	23.00 -2.00 0.02	22.99 -1.97 0.02	22.61 -1.99 0.02	22.58 -2.13 0.08	22.95 -2.29 0.24	24.55 -2.63 0.50	26.27 -2.84 1.13	26.60 -2.83 0.97	25.58 -2.36 0.88	23.90 -2.26 0.12	22.23 -1.91 0.02	21.87 -1.83 0.02	20.90 -1.65 0.02
BLACK RIVER___HYD 24047	25.42 -0.31 0.00	22.07 -0.29 0.00	21.53 -0.33 0.00	20.80 -0.38 0.00	19.03 -0.35 -0.13	20.52 -0.35 -0.06	22.08 -0.27 0.00	22.01 -0.27 0.00	23.99 -0.34 0.00	25.04 -0.20 0.00	24.12 -0.29 0.00	24.69 -0.33 0.00	24.46 -0.53 0.00	24.06 -0.57 0.00	24.16 -0.64 -0.01	24.79 -0.71 -0.03	27.03 -0.72 -0.07	29.86 -0.54 -0.15	30.07 -0.46 -0.13	28.42 -0.52 -0.12	25.99 -0.31 -0.02	23.82 -0.34 0.00	23.39 -0.33 0.00	22.16 -0.41 0.00
BLACKRVR_115KV_TB2 79977	25.40 -0.33 0.00	22.05 -0.31 0.00	21.51 -0.35 0.00	20.80 -0.38 0.00	19.03 -0.35 -0.13	20.50 -0.37 -0.06	22.06 -0.29 0.00	21.99 -0.29 0.00	23.99 -0.34 0.00	25.04 -0.20 0.00	24.12 -0.29 0.00	24.69 -0.33 0.00	24.47 -0.52 0.00	24.06 -0.57 0.00	24.16 -0.64 -0.01	24.79 -0.71 -0.03	27.03 -0.72 -0.07	29.86 -0.54 -0.15	30.07 -0.46 -0.13	28.42 -0.52 -0.12	25.98 -0.32 -0.02	23.82 -0.34 0.00	23.39 -0.33 0.00	22.16 -0.41 0.00
BLISS_WT_PWR 323608	23.77 -1.96 0.00	20.57 -1.79 0.00	19.89 -1.95 0.02	19.19 -1.97 0.02	17.53 -1.81 -0.10	19.04 -1.81 -0.03	20.54 -1.79 0.02	20.40 -1.85 0.02	22.39 -1.92 0.02	23.17 -2.04 0.02	22.44 -1.95 0.02	23.02 -1.98 0.02	22.95 -2.02 0.02	22.51 -2.09 0.02	22.48 -2.23 0.08	22.79 -2.45 0.24	24.52 -2.66 0.50	26.15 -2.96 1.13	26.54 -2.89 0.97	25.35 -2.59 0.88	23.83 -2.34 0.12	22.16 -1.98 0.02	21.78 -1.92 0.02	20.94 -1.60 0.02
BLUESTONE___WT_PWR 323821	26.92 1.18 0.00	23.30 0.94 0.00	22.75 0.88 -0.01	22.04 0.85 -0.01	21.09 0.75 -1.09	22.19 0.85 -0.52	23.41 1.05 -0.01	23.40 1.11 -0.01	25.59 1.24 -0.01	26.54 1.29 -0.01	25.67 1.24 -0.01	26.33 1.30 -0.01	26.23 1.22 -0.01	25.70 1.06 -0.01	25.78 0.97 -0.02	26.59 1.07 -0.04	28.89 1.16 -0.05	31.70 1.30 -0.15	31.81 1.31 -0.10	30.27 1.33 -0.12	27.52 1.24 0.00	25.26 1.09 -0.01	24.68 0.95 -0.01	23.40 0.81 -0.03
BLUE_CIRC_CHEM_DRP 24182	26.50 0.77 0.00	23.08 0.72 0.00	22.64 0.79 0.00	21.96 0.78 0.00	23.31 0.69 -3.37	23.15 0.75 -1.58	23.15 0.80 0.00	23.03 0.76 0.00	25.21 0.88 0.00	26.00 0.76 0.00	25.07 0.66 0.00	25.67 0.65 0.00	25.71 0.72 0.00	25.34 0.71 0.00	25.59 0.79 0.00	26.32 0.84 0.00	28.54 0.86 0.00	31.25 1.00 0.00	31.37 0.97 0.00	29.80 0.98 0.00	27.15 0.87 0.00	24.98 0.82 0.00	24.45 0.74 0.00	23.32 0.72 -0.04
BOC_GAS_DRP 24189	26.27 0.54 0.00	22.86 0.49 0.00	22.42 0.57 0.00	21.75 0.57 0.00	23.17 0.50 -3.42	22.97 0.54 -1.61	22.93 0.58 0.00	22.85 0.58 0.00	25.01 0.68 0.00	25.85 0.61 0.00	25.00 0.59 0.00	25.59 0.58 0.00	25.64 0.65 0.00	25.29 0.66 0.00	25.54 0.74 0.00	26.27 0.79 0.00	28.46 0.78 0.00	31.10 0.85 0.00	31.18 0.79 0.00	29.63 0.81 0.00	26.96 0.68 0.00	24.79 0.63 0.00	24.29 0.57 0.00	23.17 0.56 -0.04
BOONVILLE_115KV_TB1 79983	25.96 0.23 0.00	22.54 0.18 0.00	22.01 0.15 0.00	21.30 0.13 0.00	19.44 0.12 -0.08	21.00 0.15 -0.04	22.59 0.25 0.00	22.52 0.25 0.00	24.65 0.32 0.00	25.64 0.40 0.00	24.78 0.37 0.00	25.39 0.38 0.00	25.26 0.27 0.00	24.85 0.22 0.00	24.97 0.17 0.00	25.61 0.13 0.00	27.82 0.14 0.00	30.52 0.27 0.00	30.70 0.30 0.00	29.03 0.20 0.00	26.60 0.32 0.00	24.42 0.27 0.00	23.93 0.21 0.00	22.72 0.16 0.00
BORALEX_4TH_BRANCH 23824	27.25 1.52 0.00	23.66 1.30 0.00	23.15 1.29 0.00	22.45 1.27 0.00	23.79 1.14 -3.41	23.65 1.23 -1.60	23.67 1.32 0.00	23.63 1.36 0.00	25.86 1.53 0.00	26.75 1.51 0.00	25.81 1.39 0.00	26.45 1.43 0.00	26.54 1.55 0.00	26.24 1.58 -0.04	26.48 1.69 0.00	27.24 1.76 0.00	29.53 1.85 0.00	32.31 2.06 0.00	32.40 2.01 0.00	30.75 1.93 0.00	27.96 1.68 0.00	25.70 1.55 0.00	25.16 1.45 0.00	24.00 1.40 -0.04
BOWLINE___1 23526	26.68 0.95 0.00	23.17 0.80 0.00	22.62 0.76 0.00	21.96 0.78 0.00	22.53 0.71 -2.57	22.77 0.75 -1.21	23.13 0.78 0.00	23.08 0.80 0.00	25.35 1.02 0.00	26.30 1.06 0.00	25.54 1.12 0.00	26.20 1.18 0.00	26.24 1.25 0.00	25.75 1.23 0.11	26.23 1.44 0.00	27.03 1.55 0.00	29.31 1.63 0.00	31.97 1.72 0.00	31.94 1.55 0.00	30.35 1.53 0.00	27.54 1.26 0.00	25.25 1.09 0.00	24.62 0.90 0.00	23.56 0.97 -0.03
BOWLINE___2 23595	26.71 0.98 0.00	23.17 0.80 0.00	22.62 0.76 0.00	21.98 0.80 0.00	22.53 0.71 -2.57	22.77 0.75 -1.21	23.13 0.78 0.00	23.08 0.80 0.00	25.35 1.02 0.00	26.30 1.06 0.00	25.54 1.12 0.00	26.20 1.18 0.00	26.24 1.25 0.00	25.75 1.23 0.11	26.23 1.44 0.00	27.03 1.55 0.00	29.31 1.63 0.00	31.97 1.72 0.00	31.94 1.55 0.00	30.35 1.53 0.00	27.54 1.26 0.00	25.25 1.09 0.00	24.62 0.90 0.00	23.56 0.97 -0.03
BRADY___115KV_TB2 356060	25.53 -0.21 0.00	22.27 -0.09 0.00	21.70 -0.15 0.00	21.01 -0.17 0.00	19.17 -0.08 0.00	20.69 -0.12 0.00	22.17 -0.18 0.00	22.10 -0.18 0.00	24.14 -0.19 0.00	25.01 -0.23 0.00	24.20 -0.22 0.00	24.84 -0.18 0.00	24.74 -0.25 0.00	24.41 -0.22 0.00	24.50 -0.30 0.00	25.10 -0.38 0.00	27.32 -0.36 0.00	29.89 -0.36 0.00	30.12 -0.27 0.00	28.54 -0.29 0.00	26.04 -0.24 0.00	23.92 -0.24 0.00	23.41 -0.31 0.00	22.25 -0.32 0.00
BRANSCOMB___SOLAR 323811	27.25 1.52 0.00	23.68 1.32 0.00	23.15 1.29 0.00	22.45 1.27 0.00	23.94 1.17 -3.51	23.74 1.27 -1.65	23.69 1.34 0.00	23.52 1.25 0.00	25.84 1.51 0.00	26.75 1.51 0.00	25.76 1.34 0.00	26.42 1.40 0.00	26.39 1.40 0.00	26.01 1.38 0.00	26.23 1.44 0.00	26.98 1.50 0.00	29.29 1.60 0.00	32.10 1.85 0.00	32.34 1.95 0.00	30.75 1.93 0.00	27.99 1.71 0.00	25.73 1.57 0.00	25.12 1.40 0.00	23.96 1.35 -0.04
BRENTWOD_69_KV_W. BRTWOOD 56703	35.72 1.98 -8.01	31.88 1.63 -7.89	30.52 1.68 -6.98	28.00 1.65 -5.17	27.66 1.46 -6.95	26.30 1.58 -3.90	24.00 1.65 0.00	25.83 1.80 -1.75	26.08 1.75 0.00	27.30 1.99 -0.07	31.34 1.95 -4.97	33.20 1.98 -6.20	32.66 2.07 -5.60	33.78 2.09 -7.06	33.91 2.28 -6.83	34.34 2.45 -6.42	34.34 2.55 -4.11	36.32 2.81 -3.25	35.83 2.64 -2.79	35.27 2.57 -3.88	32.85 2.18 -4.39	31.29 1.91 -5.23	29.86 1.85 -4.29	27.55 1.85 -3.13



BRISTLHL_115KV_TB1 79998	25.40 -0.33 0.00	22.05 -0.31 0.00	21.53 -0.33 0.00	20.86 -0.32 0.00	19.13 -0.31 -0.19	20.57 -0.33 -0.09	22.04 -0.31 0.00	21.94 -0.33 0.00	23.92 -0.41 0.00	24.89 -0.35 0.00	24.03 -0.39 0.00	24.62 -0.40 0.00	24.54 -0.45 0.00	24.13 -0.49 0.00	24.26 -0.57 -0.03	24.98 -0.61 -0.11	27.37 -0.58 -0.27	30.19 -0.64 -0.58	30.30 -0.61 -0.51	28.66 -0.61 -0.45	25.85 -0.50 -0.07	23.72 -0.43 0.00	23.41 -0.31 0.00	22.25 -0.32 0.00
BROOKHAVEN___DRP 24191	35.57 1.83 -8.01	31.73 1.48 -7.89	30.39 1.55 -6.98	27.85 1.50 -5.17	27.53 1.33 -6.95	26.19 1.48 -3.90	23.87 1.52 0.00	25.69 1.67 -1.75	25.72 1.39 0.00	26.93 1.62 -0.07	31.02 1.64 -4.97	32.90 1.68 -6.20	32.36 1.77 -5.60	33.51 1.82 -7.06	33.64 2.01 -6.83	34.04 2.14 -6.42	34.00 2.21 -4.11	35.92 2.42 -3.25	35.41 2.22 -2.79	34.87 2.16 -3.88	32.48 1.81 -4.39	30.95 1.57 -5.23	29.71 1.71 -4.29	27.44 1.74 -3.13
BROOKLYN_NAVY_YARD 23515	26.92 1.18 0.00	23.35 0.98 0.00	22.86 1.01 0.00	22.21 1.04 0.00	22.89 0.92 -2.71	23.05 0.96 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.64 1.63 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.66 1.86 0.00	27.49 2.01 0.00	29.73 2.05 0.00	32.43 2.18 0.00	32.37 1.97 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.53 1.38 0.00	24.90 1.19 0.00	23.88 1.29 -0.03
BROOKLYN___ARMY_DRP 323595	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
BROOKVLE_69_KV_TB1 55790	35.59 1.85 -8.01	31.75 1.50 -7.89	30.39 1.55 -6.98	27.85 1.50 -5.17	27.53 1.33 -6.95	26.15 1.44 -3.90	23.85 1.50 0.00	25.63 1.60 -1.75	26.08 1.75 0.00	27.25 1.94 -0.07	31.44 2.05 -4.97	33.33 2.10 -6.20	32.79 2.20 -5.60	33.91 2.22 -7.06	34.01 2.38 -6.83	34.42 2.52 -6.42	34.39 2.60 -4.11	36.29 2.78 -3.25	35.80 2.61 -2.79	35.24 2.54 -3.88	32.83 2.16 -4.39	31.29 1.91 -5.23	29.69 1.68 -4.29	27.37 1.67 -3.13
BROOME_2_LFGE 323671	25.50 -0.23 0.00	22.12 -0.25 0.00	21.59 -0.26 0.01	20.92 -0.25 0.01	19.72 -0.23 -0.70	20.89 -0.25 -0.33	22.12 -0.22 0.01	22.05 -0.22 0.01	24.08 -0.24 0.01	25.01 -0.23 0.01	24.17 -0.24 0.01	24.76 -0.25 0.01	24.73 -0.25 0.01	24.33 -0.29 0.01	24.47 -0.30 0.03	25.12 -0.28 0.07	27.24 -0.28 0.16	29.59 -0.30 0.36	29.79 -0.30 0.30	28.26 -0.29 0.28	26.01 -0.24 0.04	23.91 -0.24 0.01	23.47 -0.24 0.01	22.32 -0.25 0.00
BROOME___LFGE 323600	25.50 -0.23 0.00	22.12 -0.25 0.00	21.59 -0.26 0.01	20.92 -0.25 0.01	19.72 -0.23 -0.70	20.89 -0.25 -0.33	22.12 -0.22 0.01	22.05 -0.22 0.01	24.08 -0.24 0.01	25.01 -0.23 0.01	24.17 -0.24 0.01	24.76 -0.25 0.01	24.73 -0.25 0.01	24.33 -0.29 0.01	24.47 -0.30 0.03	25.12 -0.28 0.07	27.24 -0.28 0.16	29.59 -0.30 0.36	29.79 -0.30 0.30	28.26 -0.29 0.28	26.01 -0.24 0.04	23.91 -0.24 0.01	23.47 -0.24 0.01	22.32 -0.25 0.00
BROWNFLS_115KV_TB 3_5 80003	24.93 -0.80 0.00	21.71 -0.65 0.00	21.16 -0.70 0.00	20.46 -0.72 0.00	18.74 -0.58 -0.07	20.20 -0.65 -0.03	21.68 -0.67 0.00	21.58 -0.69 0.00	23.63 -0.71 0.00	24.63 -0.61 0.00	23.81 -0.61 0.00	24.39 -0.63 0.00	24.24 -0.75 0.00	23.86 -0.76 0.00	23.95 -0.84 0.00	24.48 -0.99 0.00	26.63 -1.05 0.00	29.28 -0.97 0.00	29.51 -0.88 0.00	27.87 -0.95 0.00	25.52 -0.76 0.00	23.41 -0.75 0.00	22.94 -0.78 0.00	21.80 -0.77 0.00
BROWNSV1_27_KV_LOAD 356125	27.27 1.54 0.00	23.57 1.21 0.00	23.12 1.27 0.00	22.43 1.25 0.00	23.06 1.10 -2.71	23.24 1.14 -1.28	23.62 1.27 0.00	23.63 1.36 0.00	25.91 1.58 0.00	26.88 1.64 0.00	26.15 1.73 0.00	26.80 1.78 0.00	26.86 1.87 0.00	26.70 1.90 -0.18	26.85 2.06 0.00	27.69 2.22 0.00	29.92 2.24 0.00	32.64 2.39 0.00	32.61 2.22 0.00	31.01 2.19 0.00	28.07 1.79 0.00	25.73 1.57 0.00	25.12 1.40 0.00	24.02 1.42 -0.03
BURROWS___LYONSDAL 23803	25.78 0.05 0.00	22.39 0.02 0.00	21.86 0.00 0.00	21.13 -0.04 0.00	19.31 -0.02 -0.08	20.88 0.02 -0.04	22.44 0.09 0.00	22.36 0.09 0.00	24.48 0.15 0.00	25.52 0.28 0.00	24.64 0.22 0.00	25.24 0.23 0.00	25.12 0.12 0.00	24.70 0.07 0.00	24.82 0.02 0.00	25.40 -0.08 0.00	27.60 -0.08 0.00	30.37 0.12 0.00	30.55 0.15 0.00	28.85 0.03 0.00	26.44 0.16 0.00	24.30 0.14 0.00	23.81 0.09 0.00	22.61 0.05 0.00
CAITHNESS_CC_1 323624	35.41 1.67 -8.01	31.66 1.41 -7.89	30.28 1.44 -6.98	27.79 1.44 -5.17	27.49 1.29 -6.95	26.11 1.39 -3.90	23.71 1.36 0.00	25.58 1.56 -1.75	25.74 1.41 0.00	26.95 1.64 -0.07	31.02 1.64 -4.97	32.95 1.73 -6.20	32.36 1.77 -5.60	33.49 1.80 -7.06	33.63 2.01 -6.83	34.04 2.14 -6.42	34.03 2.24 -4.11	35.89 2.39 -3.25	35.41 2.22 -2.79	34.87 2.16 -3.88	32.48 1.81 -4.39	30.95 1.57 -5.23	29.67 1.66 -4.29	27.44 1.74 -3.13
CALPINE BETH_PAGE_GT4 24209	35.57 1.83 -8.01	31.73 1.48 -7.89	30.37 1.53 -6.98	27.85 1.50 -5.17	27.53 1.33 -6.95	26.13 1.42 -3.90	23.82 1.47 0.00	25.63 1.60 -1.75	26.03 1.70 0.00	27.20 1.89 -0.07	31.34 1.95 -4.97	33.22 2.00 -6.20	32.69 2.10 -5.60	33.81 2.12 -7.06	33.93 2.31 -6.83	34.34 2.45 -6.42	34.31 2.52 -4.11	36.25 2.75 -3.25	35.77 2.58 -2.79	35.21 2.51 -3.88	32.77 2.10 -4.39	31.24 1.86 -5.23	29.69 1.68 -4.29	27.37 1.67 -3.13
CALPINE_BETH_PAGE_GT_4 323586	35.44 1.70 -8.01	31.68 1.43 -7.89	30.30 1.46 -6.98	27.81 1.46 -5.17	27.51 1.31 -6.95	26.09 1.37 -3.90	23.73 1.39 0.00	25.54 1.52 -1.75	26.03 1.70 0.00	27.20 1.89 -0.07	31.34 1.95 -4.97	33.28 2.05 -6.20	32.71 2.12 -5.60	33.81 2.12 -7.06	33.93 2.31 -6.83	34.34 2.45 -6.42	34.36 2.57 -4.11	36.25 2.75 -3.25	35.77 2.58 -2.79	35.21 2.51 -3.88	32.77 2.10 -4.39	31.24 1.86 -5.23	29.64 1.64 -4.29	27.41 1.71 -3.13
CALPINE_BP_GT1 23823	35.44 1.70 -8.01	31.68 1.43 -7.89	30.30 1.46 -6.98	27.81 1.46 -5.17	27.51 1.31 -6.95	26.09 1.37 -3.90	23.73 1.39 0.00	25.54 1.52 -1.75	26.03 1.70 0.00	27.20 1.89 -0.07	31.34 1.95 -4.97	33.28 2.05 -6.20	32.71 2.12 -5.60	33.81 2.12 -7.06	33.93 2.31 -6.83	34.34 2.45 -6.42	34.36 2.57 -4.11	36.25 2.75 -3.25	35.77 2.58 -2.79	35.21 2.51 -3.88	32.77 2.10 -4.39	31.24 1.86 -5.23	29.64 1.64 -4.29	27.41 1.71 -3.13
CALSPAN___DRP 24200	23.70 -2.03 0.00	20.53 -1.83 0.00	20.02 -1.81 0.02	19.38 -1.78 0.02	17.72 -1.64 -0.11	19.09 -1.77 -0.04	20.45 -1.88 0.02	20.32 -1.94 0.02	22.12 -2.19 0.02	23.05 -2.17 0.02	22.30 -2.10 0.02	22.82 -2.18 0.02	22.70 -2.27 0.02	22.39 -2.22 0.02	22.44 -2.28 0.08	22.83 -2.42 0.23	24.64 -2.55 0.50	26.27 -2.87 1.11	26.71 -2.74 0.95	25.23 -2.86 0.86	23.90 -2.26 0.12	22.01 -2.13 0.02	21.73 -1.97 0.02	20.70 -1.85 0.02



CALVERTON___SOLAR 323806	35.51 1.77 -8.01	31.75 1.50 -7.89	30.39 1.55 -6.98	27.85 1.50 -5.17	27.56 1.37 -6.95	26.19 1.48 -3.90	23.80 1.45 0.00	25.67 1.65 -1.75	25.74 1.41 0.00	26.95 1.64 -0.07	31.07 1.68 -4.97	33.00 1.78 -6.20	32.41 1.82 -5.60	33.56 1.87 -7.06	33.71 2.08 -6.83	34.11 2.22 -6.42	34.11 2.33 -4.11	36.01 2.51 -3.25	35.50 2.31 -2.79	34.92 2.22 -3.88	32.54 1.87 -4.39	30.98 1.59 -5.23	29.74 1.73 -4.29	27.50 1.81 -3.13
CANDIGU_WT_PWR 323617	24.47 -1.26 0.00	21.16 -1.21 0.00	20.60 -1.22 0.03	19.94 -1.21 0.03	18.22 -1.10 -0.07	19.69 -1.14 -0.02	21.11 -1.21 0.03	21.09 -1.16 0.03	22.92 -1.39 0.03	23.82 -1.39 0.03	23.00 -1.39 0.03	23.51 -1.48 0.03	23.46 -1.50 0.03	23.07 -1.53 0.03	23.12 -1.59 0.09	23.59 -1.63 0.25	25.48 -1.69 0.51	27.24 -1.85 1.17	27.65 -1.76 0.98	26.16 -1.76 0.91	24.72 -1.45 0.11	22.73 -1.40 0.03	22.34 -1.35 0.03	21.20 -1.33 0.03
CARR STREET_E_SYR 24060	25.50 -0.23 0.00	22.12 -0.25 0.00	21.62 -0.24 0.00	20.92 -0.25 0.00	19.24 -0.23 -0.22	20.67 -0.25 -0.10	22.10 -0.25 0.00	22.03 -0.24 0.00	23.97 -0.36 0.00	24.94 -0.30 0.00	24.07 -0.34 0.00	24.64 -0.37 0.00	24.59 -0.40 0.00	24.21 -0.42 0.00	24.28 -0.50 0.02	24.90 -0.51 0.07	26.99 -0.53 0.16	29.37 -0.54 0.34	29.58 -0.52 0.30	28.05 -0.52 0.26	25.82 -0.42 0.04	23.80 -0.36 0.00	23.43 -0.28 0.00	22.25 -0.32 0.00
CARTHAGE___PAPER 23857	25.24 -0.49 0.00	21.92 -0.45 0.00	21.38 -0.48 0.00	20.67 -0.51 0.00	18.90 -0.46 -0.11	20.39 -0.48 -0.05	21.95 -0.40 0.00	21.87 -0.40 0.00	23.89 -0.44 0.00	24.94 -0.30 0.00	24.02 -0.39 0.00	24.59 -0.43 0.00	24.39 -0.60 0.00	23.99 -0.64 0.00	24.10 -0.69 0.00	24.66 -0.82 0.00	26.88 -0.80 0.00	29.64 -0.60 0.00	29.88 -0.52 0.00	28.19 -0.63 0.00	25.86 -0.42 0.00	23.75 -0.41 0.00	23.27 -0.45 0.00	22.07 -0.50 0.00
CASSADAGA_WT_PWR 323784	24.34 -1.39 0.00	21.00 -1.36 0.00	20.30 -1.53 0.02	19.74 -1.42 0.02	18.05 -1.29 -0.10	19.42 -1.44 -0.03	20.87 -1.45 0.02	20.94 -1.31 0.02	22.70 -1.61 0.02	23.53 -1.69 0.02	22.73 -1.66 0.02	23.17 -1.83 0.02	23.09 -1.87 0.02	22.71 -1.90 0.02	22.61 -2.11 0.08	22.97 -2.27 0.24	24.71 -2.46 0.51	26.45 -2.66 1.13	26.87 -2.55 0.97	25.41 -2.54 0.88	24.04 -2.13 0.12	22.16 -1.98 0.02	21.80 -1.90 0.02	20.85 -1.69 0.02
CE_DUNWOOD___DRP 24194	26.97 1.24 0.00	23.35 0.98 0.00	22.91 1.05 0.00	22.21 1.04 0.00	22.86 0.90 -2.71	23.05 0.96 -1.27	23.40 1.05 0.00	23.39 1.11 0.00	25.62 1.29 0.00	26.58 1.34 0.00	25.83 1.42 0.00	26.45 1.43 0.00	26.51 1.52 0.00	26.34 1.53 -0.19	26.51 1.71 0.00	27.31 1.83 0.00	29.53 1.85 0.00	32.25 2.00 0.00	32.25 1.85 0.00	30.64 1.82 0.00	27.78 1.50 0.00	25.46 1.30 0.00	24.88 1.16 0.00	23.77 1.17 -0.03
CE_MILLWOOD___DRP 24193	26.91 1.18 0.00	23.30 0.94 0.00	22.82 0.96 0.00	22.13 0.95 0.00	22.74 0.83 -2.66	22.96 0.90 -1.25	23.31 0.96 0.00	23.30 1.02 0.00	25.52 1.19 0.00	26.45 1.21 0.00	25.71 1.29 0.00	26.32 1.30 0.00	26.41 1.42 0.00	26.98 1.43 -0.92	26.38 1.59 0.00	27.19 1.71 0.00	29.42 1.74 0.00	32.13 1.88 0.00	32.13 1.73 0.00	30.52 1.70 0.00	27.67 1.39 0.00	25.37 1.21 0.00	24.76 1.04 0.00	23.68 1.08 -0.03
CE_NYC2_DRP 24202	27.21 1.47 -0.01	23.53 1.16 -0.01	23.09 1.22 -0.01	22.39 1.21 -0.01	23.02 1.06 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.54 1.27 0.00	25.82 1.48 0.00	26.78 1.54 0.00	26.05 1.64 0.00	26.67 1.65 0.00	26.76 1.77 0.00	26.58 1.77 -0.18	26.75 1.96 0.00	27.57 2.09 0.00	29.78 2.10 0.00	32.49 2.24 0.00	32.46 2.07 0.00	30.84 2.02 0.00	27.94 1.66 0.00	25.58 1.43 0.00	25.00 1.28 0.00	23.97 1.38 -0.03
CE_NYC_DRP 24195	27.09 1.36 0.00	23.44 1.07 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.11 1.02 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.77 1.44 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.62 1.60 0.00	26.69 1.70 0.00	26.53 1.72 -0.18	26.68 1.88 0.00	27.52 2.04 0.00	29.73 2.05 0.00	32.43 2.18 0.00	32.40 2.01 0.00	30.78 1.96 0.00	27.91 1.63 0.00	25.58 1.43 0.00	24.98 1.26 0.00	23.88 1.29 -0.03
CHAFFEE___LFGE 323603	23.75 -1.98 0.00	20.51 -1.86 0.00	20.04 -1.79 0.02	19.42 -1.74 0.02	17.75 -1.60 -0.10	19.15 -1.71 -0.04	20.47 -1.85 0.02	20.49 -1.76 0.02	22.19 -2.12 0.02	23.10 -2.12 0.02	22.34 -2.05 0.02	22.82 -2.18 0.02	22.80 -2.17 0.02	22.46 -2.14 0.02	22.46 -2.26 0.08	22.85 -2.40 0.24	24.61 -2.57 0.50	26.32 -2.81 1.12	26.73 -2.71 0.96	25.24 -2.71 0.87	23.93 -2.23 0.12	22.06 -2.08 0.02	21.75 -1.94 0.02	20.70 -1.85 0.02
CHATEAUG_35_KV_LOAD 355732	25.35 -0.39 0.00	22.14 -0.22 0.00	21.57 -0.28 0.00	20.88 -0.30 0.00	19.00 -0.25 0.00	20.57 -0.25 0.00	22.04 -0.31 0.00	21.83 -0.45 0.00	23.89 -0.44 0.00	24.76 -0.48 0.00	24.03 -0.39 0.00	24.72 -0.30 0.00	24.54 -0.45 0.00	24.26 -0.37 0.00	24.35 -0.45 0.00	24.87 -0.61 0.00	27.13 -0.55 0.00	29.71 -0.54 0.00	30.30 -0.09 0.00	28.71 -0.12 0.00	26.23 -0.05 0.00	24.04 -0.12 0.00	23.48 -0.24 0.00	22.25 -0.32 0.00
CHATEAUG_WT_PWR 323614	25.32 -0.41 0.00	22.07 -0.29 0.00	21.55 -0.31 0.00	20.86 -0.32 0.00	18.86 -0.38 0.00	20.44 -0.37 0.00	22.01 -0.33 0.00	21.78 -0.49 0.00	23.85 -0.49 0.00	24.68 -0.56 0.00	23.98 -0.44 0.00	24.64 -0.37 0.00	24.46 -0.53 0.00	24.21 -0.42 0.00	24.30 -0.50 0.00	24.84 -0.64 0.00	27.07 -0.61 0.00	29.67 -0.58 0.00	30.30 -0.09 0.00	28.71 -0.11 0.00	26.23 -0.05 0.00	24.01 -0.14 0.00	23.48 -0.24 0.00	22.25 -0.32 0.00
CHAT_HIGH_FALL_HYD 323578	25.35 -0.39 0.00	22.14 -0.22 0.00	21.57 -0.28 0.00	20.88 -0.30 0.00	19.00 -0.25 0.00	20.57 -0.25 0.00	22.04 -0.31 0.00	21.83 -0.45 0.00	23.89 -0.44 0.00	24.76 -0.48 0.00	24.03 -0.39 0.00	24.72 -0.30 0.00	24.54 -0.45 0.00	24.26 -0.37 0.00	24.35 -0.45 0.00	24.87 -0.61 0.00	27.13 -0.55 0.00	29.71 -0.54 0.00	30.30 -0.09 0.00	28.71 -0.12 0.00	26.23 -0.05 0.00	24.04 -0.12 0.00	23.48 -0.24 0.00	22.25 -0.32 0.00
CHAUTAUQUA___LFGE 323629	24.11 -1.62 0.00	20.82 -1.54 0.00	20.28 -1.55 0.02	19.65 -1.50 0.02	17.99 -1.37 -0.11	19.38 -1.48 -0.04	20.76 -1.56 0.02	20.81 -1.45 0.02	22.51 -1.80 0.02	23.40 -1.82 0.02	22.64 -1.76 0.02	23.07 -1.93 0.02	23.02 -1.95 0.02	22.66 -1.95 0.02	22.68 -2.03 0.08	23.05 -2.19 0.24	24.85 -2.33 0.50	26.59 -2.54 1.12	27.04 -2.40 0.96	25.48 -2.48 0.87	24.17 -2.00 0.12	22.23 -1.91 0.02	21.89 -1.80 0.02	20.83 -1.72 0.02
CHERRYST_13_KV_LD 356241	27.17 1.44 0.00	23.50 1.14 0.00	23.04 1.18 0.00	22.34 1.16 0.00	22.98 1.02 -2.71	23.17 1.08 -1.28	23.56 1.21 0.00	23.57 1.29 0.00	25.84 1.51 0.00	26.78 1.54 0.00	26.05 1.64 0.00	26.70 1.68 0.00	26.76 1.77 0.00	26.60 1.80 -0.18	26.75 1.96 0.00	27.59 2.11 0.00	29.81 2.13 0.00	32.52 2.27 0.00	32.49 2.10 0.00	30.87 2.05 0.00	27.96 1.68 0.00	25.63 1.47 0.00	25.02 1.30 0.00	23.93 1.33 -0.03



CHESTROR_138KV_BK263 355645	26.66 0.93 0.00	23.10 0.74 0.00	22.58 0.72 0.00	21.90 0.72 0.00	22.31 0.64 -2.43	22.62 0.67 -1.14	23.09 0.74 0.00	23.03 0.76 0.00	25.23 0.90 0.00	26.15 0.91 0.00	25.37 0.95 0.00	25.97 0.95 0.00	26.04 1.05 0.00	25.49 1.03 0.17	26.01 1.21 0.00	26.80 1.32 0.00	29.04 1.36 0.00	31.73 1.48 0.00	31.73 1.34 0.00	30.15 1.33 0.00	27.36 1.08 0.00	25.10 0.94 0.00	24.50 0.78 0.00	23.40 0.81 -0.03
CH_MIDHUDSON___DRP 24192	26.91 1.18 0.00	23.30 0.94 0.00	22.84 0.98 0.00	22.15 0.97 0.00	22.85 0.85 -2.75	23.03 0.92 -1.29	23.33 0.98 0.00	23.28 1.00 0.00	25.50 1.17 0.00	26.43 1.19 0.00	25.66 1.25 0.00	26.27 1.25 0.00	26.34 1.35 0.00	25.96 1.33 0.00	26.31 1.51 0.00	27.11 1.63 0.00	29.34 1.66 0.00	32.06 1.81 0.00	32.10 1.70 0.00	30.50 1.67 0.00	27.65 1.37 0.00	25.37 1.21 0.00	24.79 1.07 0.00	23.68 1.08 -0.03
CH_MISC_IPPS 23765	26.94 1.21 0.00	23.35 0.98 0.00	22.84 0.98 0.00	22.17 1.00 0.00	22.84 0.90 -2.69	23.04 0.96 -1.26	23.33 0.98 0.00	23.23 0.96 0.00	25.55 1.22 0.00	26.50 1.26 0.00	25.73 1.32 0.00	26.37 1.35 0.00	26.41 1.42 0.00	26.01 1.38 0.00	26.38 1.59 0.00	27.19 1.71 0.00	29.48 1.80 0.00	32.19 1.94 0.00	32.19 1.79 0.00	30.58 1.76 0.00	27.73 1.44 0.00	25.44 1.28 0.00	24.79 1.07 0.00	23.77 1.17 -0.03
CH_RES_BVR_FALLS 23983	25.11 -0.62 0.00	21.85 -0.51 0.00	21.29 -0.57 0.00	20.56 -0.61 0.00	18.67 -0.58 0.00	20.19 -0.62 0.00	21.75 -0.60 0.00	21.74 -0.53 0.00	23.82 -0.51 0.00	24.76 -0.48 0.00	23.98 -0.44 0.00	24.59 -0.43 0.00	24.57 -0.42 0.00	24.21 -0.42 0.00	24.35 -0.45 0.00	24.97 -0.51 0.00	27.10 -0.58 0.00	29.61 -0.64 0.00	29.79 -0.61 0.00	28.27 -0.55 0.00	25.81 -0.47 0.00	23.72 -0.43 0.00	23.29 -0.43 0.00	22.13 -0.43 0.00
CH_RES_NIAGARA 23895	23.00 -2.73 0.00	19.95 -2.42 0.00	19.48 -2.36 0.02	18.83 -2.33 0.02	17.19 -2.17 -0.12	18.49 -2.37 -0.05	19.78 -2.55 0.02	19.41 -2.85 0.02	21.13 -3.19 0.02	22.30 -2.93 0.02	21.52 -2.88 0.02	22.03 -2.98 0.02	21.75 -3.22 0.02	21.46 -3.15 0.02	21.62 -3.10 0.07	21.91 -3.34 0.23	23.94 -3.24 0.50	25.40 -3.75 1.10	25.92 -3.53 0.95	24.08 -3.89 0.85	23.22 -2.94 0.12	21.29 -2.85 0.02	21.09 -2.61 0.02	20.00 -2.55 0.01
CH_RES_SYRACUSE 23985	25.63 -0.10 0.00	22.23 -0.13 0.00	21.73 -0.13 0.00	21.03 -0.15 0.00	19.35 -0.13 -0.24	20.79 -0.14 -0.11	22.24 -0.11 0.00	22.16 -0.11 0.00	24.09 -0.24 0.00	25.06 -0.18 0.00	24.20 -0.22 0.00	24.79 -0.23 0.00	24.74 -0.25 0.00	24.33 -0.29 0.00	24.42 -0.37 0.00	25.07 -0.41 0.00	27.29 -0.39 0.00	29.83 -0.42 0.00	30.03 -0.36 0.00	28.45 -0.38 0.00	26.02 -0.26 0.00	23.92 -0.24 0.00	23.58 -0.14 0.00	22.36 -0.20 0.00
CLINTON_WT_PWR 323605	25.32 -0.41 0.00	22.07 -0.29 0.00	21.55 -0.31 0.00	20.86 -0.32 0.00	18.86 -0.38 0.00	20.44 -0.37 0.00	22.01 -0.33 0.00	21.78 -0.49 0.00	23.85 -0.49 0.00	24.68 -0.56 0.00	23.98 -0.44 0.00	24.64 -0.37 0.00	24.46 -0.53 0.00	24.21 -0.42 0.00	24.30 -0.50 0.00	24.84 -0.64 0.00	27.07 -0.61 0.00	29.67 -0.58 0.00	30.30 -0.09 0.00	28.71 -0.11 0.00	26.23 -0.05 0.00	24.01 -0.14 0.00	23.48 -0.24 0.00	22.25 -0.32 0.00
CLINTON___LFGE 323618	25.60 -0.13 0.00	22.32 -0.04 0.00	21.81 -0.04 0.00	21.09 -0.08 0.00	19.07 -0.17 0.00	20.69 -0.12 0.00	22.30 -0.04 0.00	22.01 -0.27 0.00	24.09 -0.24 0.00	24.94 -0.30 0.00	24.20 -0.22 0.00	24.89 -0.12 0.00	24.69 -0.30 0.00	24.43 -0.20 0.00	24.50 -0.30 0.00	25.04 -0.43 0.00	27.35 -0.33 0.00	29.95 -0.30 0.00	30.67 0.27 0.00	29.05 0.23 0.00	26.54 0.26 0.00	24.30 0.15 0.00	23.74 0.02 0.00	22.50 -0.07 0.00
COBBLENY_34_KV_TB1 80064	23.70 -2.03 0.00	20.51 -1.86 0.00	20.02 -1.81 0.02	19.38 -1.78 0.02	17.74 -1.62 -0.10	19.09 -1.77 -0.04	20.47 -1.85 0.02	20.38 -1.87 0.02	22.19 -2.12 0.02	23.10 -2.12 0.02	22.34 -2.05 0.02	22.87 -2.13 0.02	22.80 -2.17 0.02	22.46 -2.14 0.02	22.48 -2.23 0.08	22.90 -2.34 0.24	24.66 -2.52 0.50	26.31 -2.81 1.12	26.73 -2.71 0.96	25.30 -2.65 0.87	23.93 -2.23 0.12	22.06 -2.08 0.02	21.75 -1.94 0.02	20.72 -1.83 0.02
COFFEEN___115KV_TB3 355620	25.58 -0.15 0.00	22.21 -0.16 0.00	21.66 -0.20 0.00	20.92 -0.25 0.00	19.16 -0.21 -0.13	20.65 -0.23 -0.06	22.24 -0.11 0.00	22.16 -0.11 0.00	24.19 -0.15 0.00	25.21 -0.03 0.00	24.29 -0.12 0.00	24.87 -0.15 0.00	24.59 -0.40 0.00	24.16 -0.47 0.00	24.26 -0.55 -0.01	24.92 -0.59 -0.03	27.20 -0.55 -0.07	30.07 -0.33 -0.16	30.26 -0.27 -0.14	28.63 -0.32 -0.12	26.17 -0.13 -0.02	23.99 -0.17 0.00	23.53 -0.19 0.00	22.29 -0.27 0.00
COLDSPRG_115KV_BK1 355956	24.42 -1.31 0.00	21.09 -1.27 0.00	20.48 -1.36 0.02	19.90 -1.25 0.02	18.23 -1.10 -0.08	19.64 -1.21 -0.03	21.12 -1.21 0.02	21.32 -0.94 0.02	23.16 -1.14 0.02	23.83 -1.39 0.02	23.10 -1.29 0.02	23.57 -1.43 0.02	23.62 -1.35 0.02	23.25 -1.35 0.02	23.15 -1.56 0.08	23.63 -1.61 0.25	25.17 -1.99 0.51	27.01 -2.09 1.16	27.31 -2.10 0.98	26.20 -1.73 0.90	24.45 -1.71 0.12	22.61 -1.52 0.02	22.22 -1.47 0.02	21.23 -1.31 0.02
COLONIE_LFGE___ 323577	26.84 1.11 0.00	23.35 0.98 0.00	22.86 1.01 0.00	22.17 1.00 0.00	23.64 0.92 -3.47	23.43 0.98 -1.63	23.38 1.03 0.00	23.25 0.98 0.00	25.55 1.22 0.00	26.43 1.19 0.00	25.49 1.07 0.00	26.15 1.13 0.00	26.16 1.17 0.00	25.85 1.18 -0.04	26.06 1.26 0.00	26.80 1.32 0.00	29.09 1.41 0.00	31.79 1.54 0.00	31.94 1.55 0.00	30.32 1.50 0.00	27.59 1.31 0.00	25.36 1.21 0.00	24.81 1.09 0.00	23.69 1.08 -0.04
COOPERNY_115KV_TB1 80082	26.37 0.64 0.00	22.88 0.51 0.00	22.36 0.50 0.00	21.69 0.51 0.00	21.51 0.44 -1.82	22.15 0.48 -0.86	22.86 0.51 0.00	22.83 0.56 0.00	24.96 0.63 0.00	25.90 0.66 0.00	25.12 0.71 0.00	25.72 0.70 0.00	25.74 0.75 0.00	25.30 0.74 0.07	25.66 0.87 0.00	26.42 0.94 0.00	28.65 0.97 0.00	31.31 1.06 0.00	31.34 0.94 0.00	29.77 0.95 0.00	27.04 0.76 0.00	24.83 0.68 0.00	24.29 0.57 0.00	23.15 0.56 -0.02
COPENHAGEN_WT_PWR 323753	25.42 -0.31 0.00	22.07 -0.29 0.00	21.53 -0.33 0.00	20.82 -0.36 0.00	19.03 -0.35 -0.13	20.53 -0.35 -0.06	22.08 -0.27 0.00	22.01 -0.27 0.00	23.99 -0.34 0.00	25.01 -0.23 0.00	24.10 -0.32 0.00	24.67 -0.35 0.00	24.46 -0.53 0.00	24.06 -0.57 0.00	24.16 -0.64 -0.01	24.80 -0.71 -0.03	27.04 -0.72 -0.08	29.84 -0.58 -0.17	30.06 -0.49 -0.15	28.41 -0.55 -0.13	25.93 -0.37 -0.02	23.80 -0.36 0.00	23.39 -0.33 0.00	22.16 -0.41 0.00
CORNELL_____ 23752	26.01 0.28 0.00	22.54 0.18 0.00	22.11 0.15 -0.10	21.43 0.15 -0.10	21.62 0.12 -2.25	22.05 0.12 -1.11	22.70 0.25 -0.10	22.67 0.29 -0.10	24.70 0.27 -0.10	25.64 0.30 -0.10	24.74 0.22 -0.10	25.32 0.20 -0.10	25.24 0.15 -0.10	24.80 0.07 -0.10	25.05 0.05 -0.21	26.04 0.08 -0.49	28.68 0.17 -0.84	32.57 0.24 -2.08	32.33 0.27 -1.66	30.77 0.32 -1.63	26.74 0.32 -0.15	24.50 0.24 -0.10	24.06 0.24 -0.10	22.85 0.16 -0.13



CORONA__69_KV_TB1 355595	35.46 1.72 -8.01	31.66 1.41 -7.89	30.30 1.46 -6.98	27.79 1.44 -5.17	27.47 1.27 -6.95	26.07 1.35 -3.90	23.76 1.41 0.00	25.56 1.54 -1.75	25.99 1.65 0.00	27.15 1.84 -0.07	31.32 1.93 -4.97	33.20 1.98 -6.20	32.66 2.07 -5.60	33.76 2.07 -7.06	33.86 2.23 -6.83	34.27 2.37 -6.42	34.22 2.44 -4.11	36.10 2.60 -3.25	35.65 2.46 -2.79	35.10 2.39 -3.88	32.69 2.02 -4.39	31.20 1.81 -5.23	29.62 1.61 -4.29	27.30 1.60 -3.13
CORTLAND__115KV_TB3 80093	25.81 0.08 0.00	22.39 0.02 0.00	21.91 0.02 -0.03	21.20 0.00 -0.03	20.15 -0.02 -0.92	21.27 0.00 -0.45	22.44 0.07 -0.03	22.39 0.09 -0.03	24.41 0.05 -0.03	25.37 0.10 -0.03	24.49 0.05 -0.03	25.10 0.05 -0.03	25.02 0.00 -0.03	24.61 -0.05 -0.03	24.77 -0.07 -0.05	25.51 -0.08 -0.11	27.83 -0.03 -0.17	30.70 0.00 -0.45	30.77 0.03 -0.35	29.21 0.03 -0.35	26.36 0.05 -0.02	24.23 0.05 -0.03	23.79 0.05 -0.03	22.60 0.00 -0.04
COXSACKIE__GT 23611	27.33 1.60 0.00	23.77 1.41 0.00	23.36 1.51 0.00	22.64 1.46 0.00	23.82 1.35 -3.23	23.77 1.44 -1.52	23.87 1.52 0.00	23.50 1.22 0.00	25.91 1.58 0.00	26.55 1.31 0.00	25.56 1.15 0.00	26.12 1.10 0.00	26.16 1.17 0.00	25.64 1.01 0.00	26.01 1.21 0.00	26.83 1.35 0.00	29.20 1.52 0.00	32.10 1.85 0.00	32.37 1.97 0.00	30.73 1.90 0.00	27.88 1.60 0.00	25.70 1.55 0.00	25.02 1.30 0.00	23.93 1.33 -0.04
CPV_VALLEY__CC1 323721	26.40 0.67 0.00	22.92 0.56 0.00	22.40 0.55 0.00	21.75 0.57 0.00	21.98 0.52 -2.21	22.38 0.52 -1.04	22.91 0.56 0.00	22.83 0.56 0.00	25.09 0.76 0.00	26.00 0.76 0.00	25.22 0.80 0.00	25.87 0.85 0.00	25.89 0.90 0.00	25.40 0.89 0.11	25.84 1.04 0.00	26.63 1.15 0.00	28.87 1.19 0.00	31.52 1.27 0.00	31.52 1.13 0.00	29.95 1.12 0.00	27.18 0.89 0.00	24.93 0.77 0.00	24.33 0.62 0.00	23.29 0.70 -0.02
CPV_VALLEY__CC2 323722	26.40 0.67 0.00	22.92 0.56 0.00	22.40 0.55 0.00	21.75 0.57 0.00	21.98 0.52 -2.21	22.38 0.52 -1.04	22.91 0.56 0.00	22.83 0.56 0.00	25.09 0.76 0.00	26.00 0.76 0.00	25.22 0.80 0.00	25.87 0.85 0.00	25.89 0.90 0.00	25.40 0.89 0.11	25.84 1.04 0.00	26.63 1.15 0.00	28.87 1.19 0.00	31.52 1.27 0.00	31.52 1.13 0.00	29.95 1.12 0.00	27.18 0.89 0.00	24.93 0.77 0.00	24.33 0.62 0.00	23.29 0.70 -0.02
CRESCENT__HYD 24018	26.84 1.11 0.00	23.35 0.98 0.00	22.86 1.01 0.00	22.17 1.00 0.00	23.64 0.92 -3.47	23.43 0.98 -1.63	23.38 1.03 0.00	23.25 0.98 0.00	25.55 1.22 0.00	26.43 1.19 0.00	25.49 1.07 0.00	26.15 1.13 0.00	26.16 1.17 0.00	25.85 1.18 -0.04	26.06 1.26 0.00	26.80 1.32 0.00	29.09 1.41 0.00	31.79 1.54 0.00	31.94 1.55 0.00	30.32 1.50 0.00	27.59 1.31 0.00	25.36 1.21 0.00	24.81 1.09 0.00	23.69 1.08 -0.04
CRICKET__VALLEY_CC1 323756	26.61 0.88 0.00	23.12 0.76 0.00	22.67 0.81 0.00	22.02 0.85 0.00	22.87 0.75 -2.87	22.96 0.79 -1.35	23.15 0.80 0.00	23.10 0.82 0.00	25.35 1.02 0.00	26.28 1.04 0.00	25.44 1.03 0.00	26.09 1.08 0.00	26.16 1.17 0.00	25.91 1.21 -0.08	26.13 1.34 0.00	26.93 1.45 0.00	29.17 1.49 0.00	31.82 1.57 0.00	31.85 1.46 0.00	30.26 1.44 0.00	27.46 1.18 0.00	25.25 1.09 0.00	24.67 0.95 0.00	23.63 1.04 -0.03
CRICKET__VALLEY_CC2 323757	26.61 0.88 0.00	23.12 0.76 0.00	22.67 0.81 0.00	22.02 0.85 0.00	22.87 0.75 -2.87	22.96 0.79 -1.35	23.15 0.80 0.00	23.10 0.82 0.00	25.35 1.02 0.00	26.28 1.04 0.00	25.44 1.03 0.00	26.09 1.08 0.00	26.16 1.17 0.00	25.91 1.21 -0.08	26.13 1.34 0.00	26.93 1.45 0.00	29.17 1.49 0.00	31.82 1.57 0.00	31.85 1.46 0.00	30.26 1.44 0.00	27.46 1.18 0.00	25.25 1.09 0.00	24.67 0.95 0.00	23.63 1.04 -0.03
CRICKET__VALLEY_CC3 323758	26.61 0.88 0.00	23.12 0.76 0.00	22.67 0.81 0.00	22.02 0.85 0.00	22.87 0.75 -2.87	22.96 0.79 -1.35	23.15 0.80 0.00	23.10 0.82 0.00	25.35 1.02 0.00	26.28 1.04 0.00	25.44 1.03 0.00	26.09 1.08 0.00	26.16 1.17 0.00	25.91 1.21 -0.08	26.13 1.34 0.00	26.93 1.45 0.00	29.17 1.49 0.00	31.82 1.57 0.00	31.85 1.46 0.00	30.26 1.44 0.00	27.46 1.18 0.00	25.25 1.09 0.00	24.67 0.95 0.00	23.63 1.04 -0.03
CRUCIBLE_METL_DRP 24180	25.58 -0.15 0.00	22.21 -0.16 0.00	21.68 -0.17 0.00	21.01 -0.17 0.00	19.31 -0.17 -0.24	20.74 -0.19 -0.11	22.19 -0.16 0.00	22.10 -0.18 0.00	24.09 -0.24 0.00	25.06 -0.18 0.00	24.20 -0.22 0.00	24.82 -0.20 0.00	24.74 -0.25 0.00	24.33 -0.30 0.00	24.42 -0.37 0.00	25.07 -0.41 0.00	27.29 -0.39 0.00	29.83 -0.42 0.00	30.03 -0.36 0.00	28.45 -0.37 0.00	25.99 -0.29 0.00	23.92 -0.24 0.00	23.55 -0.17 0.00	22.39 -0.18 0.00
DAHOWA__HYDRO 323763	27.38 1.65 0.00	23.82 1.45 0.00	23.26 1.40 0.00	22.55 1.38 0.00	24.04 1.27 -3.52	23.85 1.37 -1.65	23.82 1.47 0.00	23.61 1.34 0.00	25.99 1.66 0.00	26.91 1.67 0.00	25.88 1.46 0.00	26.55 1.53 0.00	26.49 1.50 0.00	26.08 1.45 0.00	26.31 1.51 0.00	27.08 1.61 0.00	29.37 1.69 0.00	32.19 1.94 0.00	32.52 2.13 0.00	30.90 2.08 0.00	28.15 1.87 0.00	25.85 1.69 0.00	25.24 1.52 0.00	24.05 1.45 -0.04
DANC__LFGE 323619	25.40 -0.34 0.00	22.05 -0.31 0.00	21.51 -0.35 0.00	20.82 -0.36 0.00	19.07 -0.33 -0.15	20.54 -0.35 -0.07	22.04 -0.31 0.00	21.96 -0.31 0.00	23.92 -0.41 0.00	24.91 -0.33 0.00	24.05 -0.37 0.00	24.62 -0.40 0.00	24.46 -0.53 0.00	24.06 -0.57 0.00	24.16 -0.64 -0.01	24.81 -0.71 -0.05	27.05 -0.75 -0.11	29.82 -0.67 -0.23	30.00 -0.61 -0.21	28.37 -0.63 -0.18	25.84 -0.47 -0.03	23.72 -0.43 0.00	23.36 -0.36 0.00	22.16 -0.41 0.00
DANSKAMMER__1 23586	26.94 1.21 0.00	23.35 0.98 0.00	22.84 0.98 0.00	22.17 1.00 0.00	22.84 0.90 -2.69	23.04 0.96 -1.26	23.33 0.98 0.00	23.23 0.96 0.00	25.55 1.22 0.00	26.50 1.26 0.00	25.73 1.32 0.00	26.37 1.35 0.00	26.41 1.42 0.00	26.01 1.38 0.00	26.38 1.59 0.00	27.19 1.71 0.00	29.48 1.80 0.00	32.19 1.94 0.00	32.19 1.79 0.00	30.58 1.76 0.00	27.73 1.44 0.00	25.44 1.28 0.00	24.79 1.07 0.00	23.77 1.17 -0.03
DANSKAMMER__2 23589	26.94 1.21 0.00	23.35 0.98 0.00	22.84 0.98 0.00	22.17 1.00 0.00	22.84 0.90 -2.69	23.04 0.96 -1.26	23.33 0.98 0.00	23.23 0.96 0.00	25.55 1.22 0.00	26.50 1.26 0.00	25.73 1.32 0.00	26.37 1.35 0.00	26.41 1.42 0.00	26.01 1.38 0.00	26.38 1.59 0.00	27.19 1.71 0.00	29.48 1.80 0.00	32.19 1.94 0.00	32.19 1.79 0.00	30.58 1.76 0.00	27.73 1.44 0.00	25.44 1.28 0.00	24.79 1.07 0.00	23.77 1.17 -0.03
DANSKAMMER__3 23590	26.94 1.21 0.00	23.35 0.98 0.00	22.84 0.98 0.00	22.17 1.00 0.00	22.84 0.90 -2.69	23.04 0.96 -1.26	23.33 0.98 0.00	23.23 0.96 0.00	25.55 1.22 0.00	26.50 1.26 0.00	25.73 1.32 0.00	26.37 1.35 0.00	26.41 1.42 0.00	26.01 1.38 0.00	26.38 1.59 0.00	27.19 1.71 0.00	29.48 1.80 0.00	32.19 1.94 0.00	32.19 1.79 0.00	30.58 1.76 0.00	27.73 1.44 0.00	25.44 1.28 0.00	24.79 1.07 0.00	23.77 1.17 -0.03



DANSKAMMER___4 23591	26.94 1.21 0.00	23.35 0.98 0.00	22.84 0.98 0.00	22.17 1.00 0.00	22.84 0.90 -2.69	23.04 0.96 -1.26	23.33 0.98 0.00	23.23 0.96 0.00	25.55 1.22 0.00	26.50 1.26 0.00	25.73 1.32 0.00	26.37 1.35 0.00	26.41 1.42 0.00	26.01 1.38 0.00	26.38 1.59 0.00	27.19 1.71 0.00	29.48 1.80 0.00	32.19 1.94 0.00	32.19 1.79 0.00	30.58 1.76 0.00	27.73 1.44 0.00	25.44 1.28 0.00	24.79 1.07 0.00	23.77 1.17 -0.03
DANSKAMMER___DIESEL 23592	27.02 1.29 0.00	23.39 1.03 0.00	22.91 1.05 0.00	22.21 1.04 0.00	22.84 0.90 -2.69	23.04 0.96 -1.26	23.40 1.05 0.00	23.32 1.05 0.00	25.55 1.22 0.00	26.50 1.26 0.00	25.73 1.32 0.00	26.35 1.33 0.00	26.41 1.42 0.00	26.01 1.38 0.00	26.38 1.59 0.00	27.19 1.71 0.00	29.45 1.77 0.00	32.19 1.94 0.00	32.19 1.79 0.00	30.61 1.79 0.00	27.73 1.45 0.00	25.44 1.28 0.00	24.81 1.09 0.00	23.72 1.13 -0.03
DARBY___SOLAR 323810	27.27 1.54 0.00	23.71 1.34 0.00	23.17 1.31 0.00	22.47 1.29 0.00	23.96 1.19 -3.51	23.76 1.29 -1.65	23.71 1.36 0.00	23.54 1.27 0.00	25.91 1.58 0.00	26.83 1.59 0.00	25.81 1.39 0.00	26.47 1.45 0.00	26.44 1.45 0.00	26.03 1.40 0.00	26.26 1.46 0.00	27.03 1.55 0.00	29.31 1.63 0.00	32.10 1.85 0.00	32.37 1.97 0.00	30.75 1.93 0.00	28.02 1.73 0.00	25.75 1.59 0.00	25.14 1.42 0.00	23.96 1.35 -0.04
DASHVILLE___HYD 23610	26.68 0.95 0.00	23.08 0.72 0.00	22.58 0.72 0.00	21.90 0.72 0.00	22.51 0.46 -2.80	22.61 0.48 -1.32	23.06 0.72 0.00	22.99 0.71 0.00	25.16 0.83 0.00	26.10 0.86 0.00	25.37 0.95 0.00	25.94 0.93 0.00	26.04 1.05 0.00	25.64 1.01 0.00	26.01 1.21 0.00	26.83 1.35 0.00	29.06 1.38 0.00	31.76 1.51 0.00	31.76 1.37 0.00	30.18 1.35 0.00	27.33 1.05 0.00	25.08 0.92 0.00	24.50 0.78 0.00	23.45 0.86 -0.03
DEERFIELD_69_KV_DEERFIELD LD 355887	35.95 2.21 -8.01	32.02 1.77 -7.89	30.70 1.86 -6.98	28.11 1.76 -5.17	27.76 1.56 -6.95	26.46 1.75 -3.90	24.14 1.79 0.00	26.01 1.98 -1.75	26.06 1.73 0.00	27.35 2.04 -0.07	31.56 2.17 -4.97	33.53 2.30 -6.20	32.96 2.37 -5.60	34.13 2.44 -7.06	34.26 2.63 -6.83	34.65 2.75 -6.42	34.64 2.85 -4.11	36.59 3.09 -3.25	36.01 2.83 -2.79	35.39 2.68 -3.88	32.85 2.18 -4.39	31.24 1.86 -5.23	29.95 1.94 -4.29	27.62 1.92 -3.13
DELAWARE___LFGE 323621	26.45 0.72 0.00	22.94 0.58 0.00	22.42 0.57 0.00	21.73 0.55 0.00	20.78 0.50 -1.04	21.85 0.54 -0.49	22.97 0.63 0.00	22.92 0.65 0.00	25.09 0.75 0.00	26.00 0.76 0.00	25.17 0.76 0.00	25.79 0.78 0.00	25.76 0.77 0.00	25.37 0.74 0.00	25.56 0.77 0.01	26.30 0.84 0.02	28.51 0.89 0.06	31.10 0.97 0.12	31.23 0.94 0.11	29.65 0.92 0.09	27.08 0.81 0.01	24.86 0.70 0.00	24.33 0.62 0.00	23.16 0.59 -0.01
DERFIELD_115KV_TB7 355931	25.83 0.10 0.00	22.43 0.07 0.00	21.94 0.09 0.00	21.26 0.08 0.00	19.32 0.08 0.00	20.90 0.08 0.00	22.44 0.09 0.00	22.36 0.09 0.00	24.45 0.12 0.00	25.37 0.13 0.00	24.54 0.12 0.00	25.12 0.10 0.00	25.12 0.12 0.00	24.75 0.12 0.00	24.92 0.12 0.00	25.61 0.13 0.00	27.79 0.11 0.00	30.37 0.12 0.00	30.52 0.12 0.00	28.94 0.12 0.00	26.39 0.11 0.00	24.25 0.10 0.00	23.81 0.09 0.00	22.65 0.09 0.00
DOGLEVILLE___HYD 23807	25.45 -0.28 0.00	22.10 -0.27 0.00	21.59 -0.26 0.00	20.92 -0.25 0.00	19.02 -0.23 0.00	20.57 -0.25 0.00	22.10 -0.25 0.00	22.03 -0.24 0.00	24.06 -0.27 0.00	24.91 -0.33 0.00	24.10 -0.32 0.00	24.69 -0.33 0.00	24.64 -0.35 0.00	24.28 -0.34 0.00	24.45 -0.35 0.00	25.15 -0.33 0.00	27.32 -0.36 0.00	29.86 -0.39 0.00	30.00 -0.40 0.00	28.48 -0.34 0.00	25.97 -0.31 0.00	23.87 -0.29 0.00	23.41 -0.31 0.00	22.27 -0.29 0.00
DUNKIRK___115KV_TB_200 55889	24.03 -1.70 0.00	20.80 -1.57 0.00	20.24 -1.60 0.02	19.61 -1.55 0.02	17.95 -1.41 -0.11	19.30 -1.56 -0.04	20.72 -1.61 0.02	20.67 -1.58 0.02	22.49 -1.82 0.02	23.38 -1.84 0.02	22.61 -1.78 0.02	23.12 -1.88 0.02	23.00 -1.97 0.02	22.66 -1.95 0.02	22.71 -2.01 0.08	23.10 -2.14 0.23	24.91 -2.27 0.50	26.62 -2.51 1.12	27.04 -2.40 0.96	25.54 -2.42 0.87	24.17 -2.00 0.12	22.23 -1.91 0.02	21.92 -1.78 0.02	20.85 -1.69 0.02
DUNKIRK___1 23563	24.03 -1.70 0.00	20.80 -1.57 0.00	20.24 -1.60 0.02	19.61 -1.55 0.02	17.95 -1.41 -0.11	19.30 -1.56 -0.04	20.72 -1.61 0.02	20.67 -1.58 0.02	22.49 -1.82 0.02	23.38 -1.84 0.02	22.61 -1.78 0.02	23.12 -1.88 0.02	23.00 -1.97 0.02	22.66 -1.95 0.02	22.71 -2.01 0.08	23.10 -2.14 0.23	24.91 -2.27 0.50	26.62 -2.51 1.12	27.04 -2.40 0.96	25.54 -2.42 0.87	24.17 -2.00 0.12	22.23 -1.91 0.02	21.92 -1.78 0.02	20.85 -1.69 0.02
DUNKIRK___2 23564	24.03 -1.70 0.00	20.80 -1.57 0.00	20.24 -1.60 0.02	19.61 -1.55 0.02	17.95 -1.41 -0.11	19.30 -1.56 -0.04	20.72 -1.61 0.02	20.67 -1.58 0.02	22.49 -1.82 0.02	23.38 -1.84 0.02	22.61 -1.78 0.02	23.12 -1.88 0.02	23.00 -1.97 0.02	22.66 -1.95 0.02	22.71 -2.01 0.08	23.10 -2.14 0.23	24.91 -2.27 0.50	26.62 -2.51 1.12	27.04 -2.40 0.96	25.54 -2.42 0.87	24.17 -2.00 0.12	22.23 -1.91 0.02	21.92 -1.78 0.02	20.85 -1.69 0.02
DUNKIRK___3 23565	23.90 -1.83 0.00	20.69 -1.68 0.00	20.15 -1.68 0.02	19.53 -1.63 0.02	17.86 -1.50 -0.11	19.22 -1.64 -0.04	20.63 -1.70 0.02	20.56 -1.69 0.02	22.37 -1.95 0.02	23.25 -1.97 0.02	22.52 -1.88 0.02	23.00 -2.00 0.02	22.90 -2.07 0.02	22.56 -2.04 0.02	22.61 -2.11 0.08	23.03 -2.22 0.23	24.83 -2.35 0.50	26.54 -2.60 1.11	26.92 -2.52 0.95	25.46 -2.51 0.86	24.09 -2.08 0.12	22.18 -1.96 0.02	21.85 -1.85 0.02	20.79 -1.76 0.02
DUNKIRK___4 23566	23.90 -1.83 0.00	20.69 -1.68 0.00	20.15 -1.68 0.02	19.53 -1.63 0.02	17.86 -1.50 -0.11	19.22 -1.64 -0.04	20.63 -1.70 0.02	20.56 -1.69 0.02	22.37 -1.95 0.02	23.25 -1.97 0.02	22.52 -1.88 0.02	23.00 -2.00 0.02	22.90 -2.07 0.02	22.56 -2.04 0.02	22.61 -2.11 0.08	23.03 -2.22 0.23	24.83 -2.35 0.50	26.54 -2.60 1.11	26.92 -2.52 0.95	25.46 -2.51 0.86	24.09 -2.08 0.12	22.18 -1.96 0.02	21.85 -1.85 0.02	20.79 -1.76 0.02
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.02 1.29 0.00	23.39 1.03 0.00	22.95 1.09 0.00	22.26 1.08 0.00	22.90 0.94 -2.71	23.09 1.00 -1.28	23.44 1.10 0.00	23.43 1.16 0.00	25.67 1.34 0.00	26.63 1.39 0.00	25.88 1.46 0.00	26.50 1.48 0.00	26.59 1.60 0.00	26.40 1.60 -0.18	26.56 1.76 0.00	27.39 1.91 0.00	29.62 1.94 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.73 1.90 0.00	27.83 1.55 0.00	25.51 1.35 0.00	24.93 1.21 0.00	23.81 1.22 -0.03
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.81 1.08 0.00	23.21 0.85 0.00	22.71 0.85 0.00	22.02 0.85 0.00	22.56 0.73 -2.58	22.82 0.79 -1.21	23.20 0.85 0.00	23.14 0.87 0.00	25.35 1.02 0.00	26.27 1.03 0.00	25.54 1.12 0.00	26.12 1.10 0.00	26.19 1.20 0.00	25.76 1.18 0.05	26.16 1.36 0.00	26.96 1.48 0.00	29.23 1.55 0.00	31.91 1.66 0.00	31.94 1.55 0.00	30.35 1.53 0.00	27.52 1.24 0.00	25.24 1.09 0.00	24.64 0.93 0.00	23.54 0.95 -0.03



E179THST_138_KV_TB4_REV_LBMP_J 345001	27.23 1.49 -0.01	23.58 1.21 -0.01	23.11 1.25 -0.01	22.41 1.23 -0.01	23.04 1.08 -2.71	23.15 1.06 -1.28	23.51 1.16 0.00	23.46 1.18 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.57 1.55 0.00	26.66 1.67 0.00	26.48 1.67 -0.18	26.65 1.86 0.00	27.47 1.99 0.00	29.67 1.99 0.00	32.37 2.12 0.00	32.31 1.91 0.00	30.73 1.90 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	23.99 1.40 -0.03
E179THST_13_KV_LOAD 356214	27.33 1.60 -0.01	23.67 1.30 -0.01	23.20 1.33 -0.01	22.50 1.31 -0.01	23.12 1.15 -2.71	23.24 1.14 -1.28	23.60 1.25 0.00	23.54 1.27 0.00	25.84 1.51 0.00	26.78 1.54 0.00	26.08 1.66 0.00	26.70 1.68 0.00	26.79 1.80 0.00	26.60 1.80 -0.18	26.75 1.96 0.00	27.59 2.11 0.00	29.81 2.13 0.00	32.52 2.27 0.00	32.46 2.07 0.00	30.87 2.05 0.00	27.94 1.66 0.00	25.58 1.43 0.00	25.02 1.30 0.00	24.08 1.49 -0.03
EAST HAMPTON___GT 23717	35.90 2.16 -8.01	32.02 1.77 -7.89	30.65 1.81 -6.98	28.09 1.74 -5.17	27.76 1.56 -6.95	26.46 1.75 -3.90	24.05 1.70 0.00	26.00 1.98 -1.75	26.21 1.87 0.00	27.58 2.27 -0.07	31.83 2.44 -4.97	33.93 2.70 -6.20	33.31 2.72 -5.60	34.50 2.81 -7.06	34.60 2.97 -6.83	35.01 3.11 -6.42	35.03 3.24 -4.11	36.95 3.45 -3.25	36.35 3.16 -2.79	35.59 2.88 -3.88	32.98 2.31 -4.39	31.32 1.93 -5.23	29.90 1.90 -4.29	27.59 1.90 -3.13
EAST RIVER___6 23660	27.02 1.29 0.00	23.44 1.07 0.00	22.95 1.09 0.00	22.28 1.10 0.00	22.96 1.00 -2.71	23.11 1.02 -1.28	23.47 1.12 0.00	23.48 1.20 0.00	25.84 1.51 0.00	26.78 1.54 0.00	26.08 1.66 0.00	26.74 1.73 0.00	26.79 1.80 0.00	26.60 1.80 -0.18	26.78 1.98 0.00	27.62 2.14 0.00	29.84 2.16 0.00	32.52 2.27 0.00	32.49 2.10 0.00	30.87 2.05 0.00	27.96 1.68 0.00	25.63 1.47 0.00	24.97 1.26 0.00	23.97 1.38 -0.03
EAST RIVER___7 23524	27.02 1.29 0.00	23.44 1.07 0.00	22.95 1.09 0.00	22.28 1.10 0.00	22.96 1.00 -2.71	23.11 1.02 -1.28	23.47 1.12 0.00	23.48 1.20 0.00	25.84 1.51 0.00	26.78 1.54 0.00	26.08 1.66 0.00	26.74 1.73 0.00	26.79 1.80 0.00	26.60 1.80 -0.18	26.78 1.98 0.00	27.62 2.14 0.00	29.84 2.16 0.00	32.52 2.27 0.00	32.49 2.10 0.00	30.87 2.05 0.00	27.96 1.68 0.00	25.63 1.47 0.00	24.97 1.26 0.00	23.97 1.38 -0.03
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.97 1.24 0.00	23.35 0.98 0.00	22.91 1.05 0.00	22.21 1.04 0.00	22.86 0.90 -2.71	23.05 0.96 -1.27	23.40 1.05 0.00	23.39 1.11 0.00	25.62 1.29 0.00	26.58 1.34 0.00	25.83 1.42 0.00	26.45 1.43 0.00	26.51 1.52 0.00	26.34 1.53 -0.19	26.51 1.71 0.00	27.31 1.83 0.00	29.53 1.85 0.00	32.25 2.00 0.00	32.25 1.85 0.00	30.64 1.82 0.00	27.78 1.50 0.00	25.46 1.30 0.00	24.88 1.16 0.00	23.77 1.17 -0.03
EAST_HAMPTON___DIESEL 23722	35.87 2.13 -8.01	32.00 1.75 -7.89	30.63 1.79 -6.98	28.07 1.71 -5.17	27.74 1.54 -6.95	26.44 1.73 -3.90	24.03 1.68 0.00	25.98 1.96 -1.75	26.21 1.87 0.00	27.58 2.27 -0.07	31.83 2.44 -4.97	33.93 2.70 -6.20	33.31 2.72 -5.60	34.50 2.81 -7.06	34.60 2.97 -6.83	35.01 3.11 -6.42	35.03 3.24 -4.11	36.95 3.45 -3.25	36.32 3.13 -2.79	35.59 2.88 -3.88	32.96 2.29 -4.39	31.29 1.91 -5.23	29.88 1.87 -4.29	27.57 1.87 -3.13
EAST_POINT___SOLAR 323840	28.30 2.57 0.00	24.56 2.19 0.00	23.91 2.05 0.00	23.17 1.99 0.00	24.98 1.83 -3.90	24.69 2.04 -1.83	24.49 2.15 0.00	24.08 1.80 0.00	26.38 2.04 0.00	26.73 1.49 0.00	25.73 1.32 0.00	26.62 1.60 0.00	26.49 1.50 0.00	26.13 1.50 0.00	26.31 1.51 0.00	27.41 1.94 0.00	30.17 2.49 0.00	33.22 2.97 0.00	33.71 3.31 0.00	32.02 3.20 0.00	29.12 2.84 0.00	26.67 2.51 0.00	25.95 2.23 0.00	24.66 2.05 -0.04
EAST_PULASKI___ESR 323781	25.45 -0.28 0.00	22.07 -0.29 0.00	21.55 -0.31 0.00	20.86 -0.32 0.00	19.14 -0.29 -0.18	20.59 -0.31 -0.08	22.06 -0.29 0.00	21.98 -0.29 0.00	23.92 -0.41 0.00	24.89 -0.35 0.00	24.02 -0.39 0.00	24.62 -0.40 0.00	24.49 -0.50 0.00	24.11 -0.52 0.00	24.23 -0.60 -0.03	24.91 -0.66 -0.10	27.22 -0.69 -0.23	30.07 -0.67 -0.49	30.19 -0.64 -0.44	28.57 -0.63 -0.38	25.84 -0.50 -0.06	23.70 -0.46 0.00	23.39 -0.33 0.00	22.20 -0.36 0.00
EAST_RIVER___1 323558	26.97 1.24 0.00	23.39 1.03 0.00	22.91 1.05 0.00	22.26 1.08 0.00	22.92 0.96 -2.71	23.09 1.00 -1.28	23.42 1.07 0.00	23.41 1.14 0.00	25.77 1.44 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.67 1.65 0.00	26.69 1.70 0.00	26.53 1.72 -0.18	26.68 1.88 0.00	27.52 2.04 0.00	29.76 2.08 0.00	32.43 2.18 0.00	32.40 2.01 0.00	30.78 1.96 0.00	27.91 1.63 0.00	25.58 1.42 0.00	24.93 1.21 0.00	23.93 1.33 -0.03
EAST_RIVER___2 323559	27.02 1.29 0.00	23.44 1.07 0.00	22.95 1.09 0.00	22.28 1.10 0.00	22.96 1.00 -2.71	23.11 1.02 -1.28	23.47 1.12 0.00	23.48 1.20 0.00	25.84 1.51 0.00	26.78 1.54 0.00	26.08 1.66 0.00	26.74 1.73 0.00	26.79 1.80 0.00	26.60 1.80 -0.18	26.78 1.98 0.00	27.62 2.14 0.00	29.84 2.16 0.00	32.52 2.27 0.00	32.49 2.10 0.00	30.87 2.05 0.00	27.96 1.68 0.00	25.63 1.47 0.00	24.97 1.26 0.00	23.97 1.38 -0.03
EAST___DELAWARE_HYD 23607	26.63 0.90 0.00	23.06 0.69 0.00	22.53 0.68 0.00	21.85 0.68 0.00	22.25 0.62 -2.38	22.58 0.65 -1.12	23.04 0.69 0.00	22.90 0.62 0.00	25.18 0.85 0.00	26.10 0.86 0.00	25.32 0.90 0.00	25.95 0.93 0.00	25.96 0.97 0.00	25.51 0.89 0.00	25.91 1.12 0.00	26.73 1.25 0.00	29.04 1.36 0.00	31.73 1.48 0.00	31.76 1.37 0.00	30.18 1.36 0.00	27.36 1.08 0.00	25.10 0.94 0.00	24.45 0.74 0.00	23.43 0.84 -0.03
EIGHT_POINT___WT_PWR 323820	25.29 -0.44 0.00	21.83 -0.54 0.00	21.23 -0.57 0.06	20.65 -0.47 0.06	18.46 -0.42 0.37	20.14 -0.48 0.20	22.00 -0.29 0.06	21.97 -0.24 0.06	24.03 -0.24 0.06	24.83 -0.35 0.06	23.92 -0.44 0.06	24.51 -0.45 0.06	24.46 -0.48 0.06	23.88 -0.69 0.06	23.66 -0.99 0.15	24.12 -0.97 0.39	25.89 -1.05 0.74	27.42 -1.09 1.74	27.98 -0.97 1.44	26.89 -0.58 1.35	25.65 -0.47 0.15	23.57 -0.53 0.06	23.02 -0.64 0.06	21.92 -0.59 0.06
ELBRIDGE_115KV_TB2 80188	25.42 -0.31 0.00	22.07 -0.29 0.00	21.57 -0.28 0.00	20.88 -0.30 0.00	19.21 -0.29 -0.25	20.62 -0.31 -0.12	22.06 -0.29 0.00	21.96 -0.31 0.00	23.94 -0.39 0.00	24.91 -0.33 0.00	24.05 -0.37 0.00	24.64 -0.38 0.00	24.57 -0.42 0.00	24.18 -0.44 0.00	24.27 -0.52 0.00	24.94 -0.54 0.00	27.15 -0.53 0.00	29.67 -0.57 0.00	29.85 -0.55 0.00	28.28 -0.55 0.00	25.86 -0.42 0.00	23.77 -0.39 0.00	23.41 -0.31 0.00	22.25 -0.32 0.00
ELEC_TRO_TEK 24086	35.34 1.60 -8.01	31.55 1.30 -7.89	30.19 1.36 -6.98	27.69 1.33 -5.17	27.37 1.17 -6.95	25.96 1.25 -3.90	23.67 1.32 0.00	25.45 1.43 -1.75	25.89 1.56 0.00	27.03 1.72 -0.07	31.17 1.78 -4.97	33.02 1.80 -6.20	32.51 1.92 -5.60	33.61 1.92 -7.06	33.71 2.08 -6.83	34.11 2.22 -6.42	34.09 2.30 -4.11	35.95 2.45 -3.25	35.50 2.31 -2.79	34.95 2.25 -3.88	32.56 1.89 -4.39	31.05 1.67 -5.23	29.50 1.49 -4.29	27.19 1.49 -3.13



ELLENBURG_WT_PWR 323604	25.32 -0.41 0.00	22.07 -0.29 0.00	21.55 -0.31 0.00	20.86 -0.32 0.00	18.86 -0.38 0.00	20.44 -0.37 0.00	22.01 -0.33 0.00	21.78 -0.49 0.00	23.85 -0.49 0.00	24.68 -0.56 0.00	23.98 -0.44 0.00	24.64 -0.37 0.00	24.46 -0.53 0.00	24.21 -0.42 0.00	24.30 -0.50 0.00	24.84 -0.64 0.00	27.07 -0.61 0.00	29.67 -0.58 0.00	30.30 -0.09 0.00	28.71 -0.11 0.00	26.23 -0.05 0.00	24.01 -0.14 0.00	23.48 -0.24 0.00	22.25 -0.32 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.60 -2.14 0.00	20.44 -1.92 0.00	19.96 -1.88 0.02	19.30 -1.86 0.02	17.63 -1.73 -0.11	18.99 -1.87 -0.04	20.34 -1.99 0.02	20.14 -2.12 0.02	21.93 -2.38 0.02	22.93 -2.30 0.02	22.18 -2.22 0.02	22.67 -2.33 0.02	22.52 -2.45 0.02	22.20 -2.41 0.02	22.29 -2.43 0.08	22.65 -2.60 0.23	24.52 -2.66 0.50	26.12 -3.02 1.11	26.59 -2.86 0.95	25.00 -2.97 0.86	23.80 -2.37 0.12	21.89 -2.25 0.02	21.64 -2.06 0.02	20.56 -1.99 0.02
EMPIRE_CC_1 323656	26.53 0.80 0.00	23.10 0.74 0.00	22.64 0.79 0.00	21.98 0.80 0.00	23.28 0.73 -3.30	23.14 0.77 -1.55	23.11 0.76 0.00	23.03 0.76 0.00	25.33 1.00 0.00	26.15 0.91 0.00	25.25 0.83 0.00	25.87 0.85 0.00	25.92 0.93 0.00	25.63 0.96 -0.04	25.84 1.04 0.00	26.57 1.09 0.00	28.79 1.11 0.00	31.46 1.21 0.00	31.55 1.15 0.00	29.95 1.12 0.00	27.25 0.97 0.00	25.10 0.94 0.00	24.57 0.85 0.00	23.48 0.88 -0.04
EMPIRE_CC_2 323658	26.53 0.80 0.00	23.10 0.74 0.00	22.64 0.79 0.00	21.98 0.80 0.00	23.28 0.73 -3.30	23.14 0.77 -1.55	23.11 0.76 0.00	23.03 0.76 0.00	25.33 1.00 0.00	26.15 0.91 0.00	25.25 0.83 0.00	25.87 0.85 0.00	25.92 0.93 0.00	25.63 0.96 -0.04	25.84 1.04 0.00	26.57 1.09 0.00	28.79 1.11 0.00	31.46 1.21 0.00	31.55 1.15 0.00	29.95 1.12 0.00	27.25 0.97 0.00	25.10 0.94 0.00	24.57 0.85 0.00	23.48 0.88 -0.04
ENORWICH_115KV_TB1 80156	27.22 1.49 0.00	23.55 1.19 0.00	23.01 1.11 -0.04	22.27 1.06 -0.04	21.56 0.94 -1.37	22.54 1.06 -0.66	23.75 1.36 -0.04	23.78 1.47 -0.04	25.92 1.56 -0.04	26.92 1.64 -0.04	25.99 1.54 -0.04	26.68 1.63 -0.04	26.53 1.50 -0.04	25.94 1.28 -0.04	26.03 1.17 -0.07	26.96 1.32 -0.15	29.39 1.47 -0.25	32.58 1.69 -0.63	32.56 1.67 -0.50	31.08 1.76 -0.50	27.95 1.63 -0.04	25.59 1.40 -0.04	25.01 1.26 -0.04	23.65 1.04 -0.05
ERIE_ST__34_KV_TB1-2 80199	23.75 -1.98 0.00	20.55 -1.81 0.00	20.07 -1.77 0.02	19.46 -1.69 0.02	17.84 -1.52 -0.11	19.20 -1.67 -0.04	20.59 -1.74 0.02	20.65 -1.60 0.02	22.49 -1.82 0.02	23.18 -2.04 0.02	22.47 -1.93 0.02	23.00 -2.00 0.02	23.10 -1.87 0.02	22.74 -1.87 0.02	22.63 -2.08 0.08	23.16 -2.09 0.23	24.66 -2.52 0.50	26.42 -2.72 1.11	26.74 -2.71 0.95	25.63 -2.33 0.86	23.93 -2.23 0.12	22.23 -1.91 0.02	21.83 -1.87 0.02	20.90 -1.65 0.02
ERIE_WT_PWR 323693	23.77 -1.96 0.00	20.53 -1.83 0.00	20.07 -1.77 0.02	19.42 -1.74 0.02	17.76 -1.60 -0.11	19.15 -1.71 -0.04	20.47 -1.85 0.02	20.50 -1.76 0.02	22.15 -2.17 0.02	23.08 -2.15 0.02	22.30 -2.10 0.02	22.75 -2.25 0.02	22.72 -2.25 0.02	22.39 -2.22 0.02	22.41 -2.31 0.08	22.80 -2.45 0.23	24.55 -2.63 0.50	26.29 -2.84 1.11	26.71 -2.74 0.95	25.17 -2.80 0.86	23.93 -2.23 0.12	22.04 -2.10 0.02	21.75 -1.94 0.02	20.65 -1.90 0.02
ESPRGFLD_115KV_TB1 80157	27.40 1.67 0.00	23.75 1.39 0.00	23.15 1.29 0.00	22.43 1.25 0.00	20.03 1.14 0.36	21.92 1.27 0.17	23.78 1.43 0.00	23.66 1.38 0.00	25.89 1.56 0.00	26.70 1.46 0.00	25.81 1.39 0.00	26.50 1.48 0.00	26.41 1.42 0.00	25.98 1.35 0.00	26.16 1.36 0.00	27.06 1.58 0.00	29.48 1.80 0.00	32.31 2.06 0.00	32.52 2.13 0.00	30.90 2.08 0.00	28.12 1.84 0.00	25.78 1.62 0.00	25.16 1.45 0.00	23.87 1.31 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	25.99 0.26 0.00	22.54 0.18 0.00	22.07 0.13 -0.08	21.39 0.13 -0.08	21.33 0.10 -1.99	21.92 0.12 -0.98	22.66 0.22 -0.08	22.63 0.27 -0.08	24.66 0.24 -0.08	25.60 0.28 -0.08	24.70 0.20 -0.08	25.28 0.18 -0.08	25.20 0.12 -0.08	24.76 0.05 -0.08	24.99 0.02 -0.17	25.96 0.08 -0.41	28.51 0.14 -0.69	32.18 0.21 -1.72	32.01 0.24 -1.37	30.46 0.29 -1.35	26.69 0.29 -0.12	24.46 0.22 -0.08	24.02 0.21 -0.08	22.81 0.14 -0.11
ETNA____115KV_TB2 80207	25.99 0.26 0.00	22.54 0.18 0.00	22.07 0.13 -0.08	21.39 0.13 -0.08	21.33 0.10 -1.99	21.92 0.12 -0.98	22.66 0.22 -0.08	22.63 0.27 -0.08	24.66 0.24 -0.08	25.60 0.28 -0.08	24.70 0.20 -0.08	25.28 0.18 -0.08	25.20 0.12 -0.08	24.76 0.05 -0.08	24.99 0.02 -0.17	25.96 0.08 -0.41	28.51 0.14 -0.69	32.18 0.21 -1.72	32.01 0.24 -1.37	30.46 0.29 -1.35	26.69 0.29 -0.12	24.46 0.22 -0.08	24.02 0.21 -0.08	22.81 0.14 -0.11
EUCLID__115KV_TB2 356179	25.35 -0.39 0.00	22.01 -0.36 0.00	21.51 -0.35 0.00	20.82 -0.36 0.00	19.13 -0.33 -0.21	20.56 -0.35 -0.10	21.99 -0.36 0.00	21.90 -0.38 0.00	23.87 -0.46 0.00	24.84 -0.40 0.00	24.00 -0.42 0.00	24.57 -0.45 0.00	24.49 -0.50 0.00	24.11 -0.52 0.00	24.20 -0.57 0.02	24.78 -0.61 0.08	26.87 -0.61 0.20	29.16 -0.67 0.43	29.38 -0.64 0.38	27.86 -0.63 0.33	25.70 -0.53 0.05	23.70 -0.46 0.00	23.36 -0.36 0.00	22.21 -0.36 0.00
E_CANADA_CAP_HY 24051	28.00 2.26 0.00	24.29 1.92 0.00	23.67 1.81 0.00	22.93 1.76 0.00	24.94 1.62 -4.07	24.54 1.81 -1.91	24.29 1.94 0.00	24.03 1.76 0.00	26.38 2.04 0.00	27.06 1.82 0.00	26.05 1.64 0.00	26.80 1.78 0.00	26.71 1.72 0.00	26.32 1.70 0.00	26.53 1.74 0.00	27.52 2.04 0.00	30.06 2.38 0.00	33.00 2.75 0.00	33.34 2.95 0.00	31.68 2.85 0.00	28.80 2.52 0.00	26.40 2.25 0.00	25.71 1.99 0.00	24.44 1.83 -0.05
E_CANADA_MHWK_HY 24050	25.45 -0.28 0.00	22.10 -0.27 0.00	21.59 -0.26 0.00	20.92 -0.25 0.00	19.02 -0.23 0.00	20.57 -0.25 0.00	22.10 -0.25 0.00	22.03 -0.24 0.00	24.06 -0.27 0.00	24.91 -0.33 0.00	24.10 -0.32 0.00	24.69 -0.33 0.00	24.64 -0.35 0.00	24.28 -0.34 0.00	24.45 -0.35 0.00	25.15 -0.33 0.00	27.32 -0.36 0.00	29.86 -0.39 0.00	30.00 -0.40 0.00	28.48 -0.34 0.00	25.97 -0.31 0.00	23.87 -0.29 0.00	23.41 -0.31 0.00	22.27 -0.29 0.00
E_FISHKILL__LBMP 23776	26.81 1.08 0.00	23.24 0.87 0.00	22.77 0.92 0.00	22.09 0.91 0.00	22.81 0.79 -2.77	22.97 0.85 -1.30	23.26 0.92 0.00	23.26 0.98 0.00	25.45 1.12 0.00	26.38 1.14 0.00	25.61 1.20 0.00	26.22 1.20 0.00	26.29 1.30 0.00	26.00 1.31 -0.07	26.26 1.46 0.00	27.06 1.58 0.00	29.29 1.61 0.00	31.97 1.72 0.00	31.98 1.58 0.00	30.41 1.59 0.00	27.57 1.29 0.00	25.29 1.14 0.00	24.71 1.00 0.00	23.61 1.02 -0.03
FALCON____SEABRD_CC1 323796	25.58 -0.15 0.00	22.30 -0.07 0.00	21.79 -0.07 0.00	21.09 -0.08 0.00	19.06 -0.19 0.00	20.67 -0.14 0.00	22.28 -0.07 0.00	21.90 -0.38 0.00	23.97 -0.36 0.00	24.81 -0.43 0.00	24.10 -0.32 0.00	24.79 -0.23 0.00	24.59 -0.40 0.00	24.33 -0.29 0.00	24.40 -0.40 0.00	24.94 -0.54 0.00	27.21 -0.47 0.00	29.80 -0.45 0.00	30.64 0.24 0.00	29.03 0.20 0.00	26.52 0.24 0.00	24.28 0.12 0.00	23.72 0.00 0.00	22.50 -0.07 0.00



FALCON___SEABRD_CC2 323797	25.58 -0.15 0.00	22.30 -0.07 0.00	21.79 -0.07 0.00	21.09 -0.08 0.00	19.06 -0.19 0.00	20.67 -0.14 0.00	22.28 -0.07 0.00	21.90 -0.38 0.00	23.97 -0.36 0.00	24.81 -0.43 0.00	24.10 -0.32 0.00	24.79 -0.23 0.00	24.59 -0.40 0.00	24.33 -0.29 0.00	24.40 -0.40 0.00	24.94 -0.54 0.00	27.21 -0.47 0.00	29.80 -0.45 0.00	30.64 0.24 0.00	29.03 0.20 0.00	26.52 0.24 0.00	24.28 0.12 0.00	23.72 0.00 0.00	22.50 -0.07 0.00
FAR ROCKAWAY___4 23548	35.67 1.93 -8.01	31.84 1.59 -7.89	30.48 1.64 -6.98	27.94 1.59 -5.17	27.60 1.41 -6.95	26.21 1.50 -3.90	23.91 1.56 0.00	25.69 1.67 -1.75	26.16 1.82 0.00	27.35 2.04 -0.07	31.54 2.15 -4.97	33.43 2.20 -6.20	32.91 2.32 -5.60	34.01 2.31 -7.06	34.11 2.48 -6.83	34.50 2.60 -6.42	34.47 2.68 -4.11	36.38 2.87 -3.25	35.92 2.74 -2.79	35.36 2.65 -3.88	32.93 2.26 -4.39	31.39 2.01 -5.23	29.76 1.76 -4.29	27.46 1.76 -3.13
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.09 1.36 0.00	23.46 1.10 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.13 1.04 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.77 1.44 0.00	26.73 1.49 0.00	26.00 1.59 0.00	26.62 1.60 0.00	26.71 1.72 0.00	26.53 1.72 -0.18	26.68 1.88 0.00	27.52 2.04 0.00	29.73 2.05 0.00	32.43 2.18 0.00	32.40 2.01 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.58 1.43 0.00	24.98 1.26 0.00	23.88 1.29 -0.03
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.12 1.39 0.00	23.46 1.10 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.13 1.04 -1.28	23.49 1.14 0.00	23.52 1.25 0.00	25.77 1.44 0.00	26.73 1.49 0.00	26.00 1.59 0.00	26.62 1.60 0.00	26.71 1.72 0.00	26.53 1.72 -0.18	26.70 1.91 0.00	27.52 2.04 0.00	29.73 2.05 0.00	32.43 2.18 0.00	32.40 2.01 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.58 1.43 0.00	24.98 1.26 0.00	23.88 1.29 -0.03
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.09 1.36 0.00	23.44 1.07 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.11 1.02 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.77 1.44 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.68 1.88 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.43 2.18 0.00	32.40 2.01 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.88 1.29 -0.03
FARRAGUT___LBMP 323566	27.07 1.34 0.00	23.41 1.05 0.00	22.97 1.11 0.00	22.28 1.10 0.00	22.92 0.96 -2.71	23.11 1.02 -1.28	23.47 1.12 0.00	23.48 1.20 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.95 1.54 0.00	26.60 1.58 0.00	26.66 1.67 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.75 1.93 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.95 1.23 0.00	23.86 1.26 -0.03
FENNER___WINDPWR 24204	26.12 0.39 0.00	22.65 0.29 0.00	22.14 0.26 -0.02	21.45 0.26 -0.02	20.04 0.23 -0.56	21.36 0.27 -0.27	22.70 0.34 -0.02	22.65 0.36 -0.02	24.71 0.37 -0.02	25.66 0.40 -0.02	24.80 0.37 -0.02	25.39 0.35 -0.02	25.31 0.30 -0.02	24.89 0.25 -0.02	25.02 0.20 -0.02	25.73 0.20 -0.05	27.99 0.25 -0.06	30.73 0.30 -0.18	30.83 0.30 -0.13	29.25 0.29 -0.14	26.60 0.32 0.00	24.44 0.27 -0.02	24.00 0.26 -0.02	22.81 0.23 -0.02
FIBERTEK___ENERGY 23856	25.58 -0.15 0.00	22.21 -0.16 0.00	21.68 -0.17 0.00	21.01 -0.17 0.00	19.31 -0.17 -0.24	20.74 -0.19 -0.11	22.19 -0.16 0.00	22.10 -0.18 0.00	24.09 -0.24 0.00	25.06 -0.18 0.00	24.20 -0.22 0.00	24.82 -0.20 0.00	24.74 -0.25 0.00	24.33 -0.30 0.00	24.42 -0.37 0.00	25.07 -0.41 0.00	27.29 -0.39 0.00	29.83 -0.42 0.00	30.03 -0.36 0.00	28.45 -0.37 0.00	25.99 -0.29 0.00	23.92 -0.24 0.00	23.55 -0.17 0.00	22.39 -0.18 0.00
FITZPATRICK____ 23598	25.16 -0.57 0.00	21.85 -0.51 0.00	21.35 -0.50 0.00	20.67 -0.51 0.00	18.93 -0.46 -0.15	20.41 -0.48 -0.07	21.84 -0.51 0.00	21.74 -0.53 0.00	23.65 -0.68 0.00	24.56 -0.68 0.00	23.76 -0.66 0.00	24.29 -0.73 0.00	24.26 -0.73 0.00	23.89 -0.74 0.00	23.98 -0.82 0.00	24.61 -0.87 0.00	26.77 -0.91 0.00	29.28 -0.97 0.00	29.42 -0.97 0.00	27.87 -0.95 0.00	25.47 -0.81 0.00	23.46 -0.70 0.00	23.15 -0.57 0.00	21.98 -0.59 0.00
FLOWRFLD_69_KV_BK1 356044	35.67 1.93 -8.01	31.84 1.59 -7.89	30.48 1.64 -6.98	27.94 1.59 -5.17	27.60 1.41 -6.95	26.26 1.54 -3.90	23.94 1.59 0.00	25.76 1.74 -1.75	25.96 1.63 0.00	27.18 1.87 -0.07	31.29 1.90 -4.97	33.15 1.93 -6.20	32.61 2.02 -5.60	33.76 2.07 -7.06	33.91 2.28 -6.83	34.32 2.42 -6.42	34.31 2.52 -4.11	36.25 2.75 -3.25	35.74 2.55 -2.79	35.18 2.48 -3.88	32.75 2.08 -4.39	31.20 1.81 -5.23	29.83 1.83 -4.29	27.53 1.83 -3.13
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.07 1.34 0.00	23.44 1.07 0.00	22.95 1.09 0.00	22.26 1.08 0.00	22.90 0.94 -2.71	23.09 1.00 -1.27	23.44 1.10 0.00	23.34 1.07 0.00	25.60 1.27 0.00	26.53 1.29 0.00	25.78 1.37 0.00	26.37 1.35 0.00	26.46 1.47 0.00	26.03 1.40 0.00	26.41 1.61 0.00	27.24 1.76 0.00	29.51 1.83 0.00	32.22 1.97 0.00	32.25 1.85 0.00	30.64 1.82 0.00	27.78 1.50 0.00	25.49 1.33 0.00	24.86 1.14 0.00	23.77 1.17 -0.03
FORT ORANGE____ 23900	26.35 0.62 0.00	22.97 0.60 0.00	22.60 0.74 0.00	21.92 0.74 0.00	23.35 0.69 -3.41	23.15 0.73 -1.60	23.08 0.74 0.00	22.97 0.69 0.00	25.23 0.90 0.00	25.97 0.73 0.00	25.08 0.66 0.00	25.67 0.65 0.00	25.72 0.73 0.00	25.34 0.71 0.00	25.61 0.82 0.00	26.32 0.84 0.00	28.54 0.86 0.00	31.22 0.97 0.00	31.34 0.94 0.00	29.75 0.92 0.00	27.07 0.79 0.00	24.93 0.77 0.00	24.38 0.66 0.00	23.28 0.68 -0.04
FORT_DRUM_COGEN 23780	25.32 -0.41 0.00	22.01 -0.36 0.00	21.44 -0.42 0.00	20.73 -0.44 0.00	18.97 -0.40 -0.12	20.44 -0.44 -0.06	22.01 -0.34 0.00	21.92 -0.36 0.00	23.94 -0.39 0.00	24.99 -0.25 0.00	24.07 -0.34 0.00	24.64 -0.38 0.00	24.42 -0.57 0.00	24.01 -0.62 0.00	24.11 -0.69 -0.01	24.72 -0.79 -0.03	26.97 -0.78 -0.07	29.79 -0.60 -0.14	30.01 -0.52 -0.13	28.33 -0.61 -0.11	25.90 -0.39 -0.02	23.77 -0.39 0.00	23.31 -0.40 0.00	22.11 -0.45 0.00
FOX_HILLS___ESR 323835	39.99 1.49 -12.77	23.65 1.27 -0.01	23.20 1.33 -0.01	22.48 1.29 -0.01	23.12 1.15 -2.71	23.24 1.14 -1.28	23.58 1.23 0.00	23.54 1.27 0.00	39.88 1.51 -14.04	39.89 1.56 -13.08	39.88 1.64 -13.83	46.13 1.68 -19.44	40.24 1.77 -13.48	46.25 1.80 -19.82	41.95 1.96 -15.19	46.30 2.11 -18.70	45.30 2.13 -15.49	44.53 2.27 -12.01	44.18 2.10 -11.69	44.36 2.05 -13.49	39.87 1.68 -11.90	25.63 1.47 0.00	25.07 1.35 0.00	24.06 1.47 -0.03
FPL FAR_ROCK_GT1 24212	35.57 1.83 -8.01	31.79 1.54 -7.89	30.41 1.57 -6.98	27.92 1.57 -5.17	27.60 1.40 -6.95	26.19 1.48 -3.90	23.82 1.47 0.00	25.63 1.60 -1.75	26.16 1.83 0.00	27.35 2.04 -0.07	31.54 2.15 -4.97	33.48 2.25 -6.20	32.91 2.32 -5.60	34.01 2.31 -7.06	34.11 2.48 -6.83	34.50 2.60 -6.42	34.50 2.71 -4.11	36.38 2.88 -3.25	35.89 2.70 -2.79	35.35 2.65 -3.88	32.90 2.23 -4.39	31.39 2.00 -5.23	29.74 1.73 -4.29	27.48 1.78 -3.13



FPL FAR_ROCK_GT2 23815	35.57 1.83 -8.01	31.79 1.54 -7.89	30.41 1.57 -6.98	27.92 1.57 -5.17	27.60 1.40 -6.95	26.19 1.48 -3.90	23.82 1.47 0.00	25.63 1.60 -1.75	26.16 1.83 0.00	27.35 2.04 -0.07	31.54 2.15 -4.97	33.48 2.25 -6.20	32.91 2.32 -5.60	34.01 2.31 -7.06	34.11 2.48 -6.83	34.50 2.60 -6.42	34.50 2.71 -4.11	36.38 2.88 -3.25	35.89 2.70 -2.79	35.35 2.65 -3.88	32.90 2.23 -4.39	31.39 2.00 -5.23	29.74 1.73 -4.29	27.48 1.78 -3.13
FRANKLIN_FALL_HYD 24054	25.37 -0.36 0.00	22.16 -0.20 0.00	21.59 -0.26 0.00	20.90 -0.28 0.00	19.04 -0.21 0.00	20.61 -0.21 0.00	22.10 -0.25 0.00	21.94 -0.33 0.00	24.02 -0.32 0.00	24.89 -0.35 0.00	24.12 -0.29 0.00	24.82 -0.20 0.00	24.64 -0.35 0.00	24.36 -0.27 0.00	24.42 -0.37 0.00	24.94 -0.54 0.00	27.21 -0.47 0.00	29.77 -0.48 0.00	30.30 -0.09 0.00	28.68 -0.14 0.00	26.20 -0.08 0.00	24.01 -0.14 0.00	23.46 -0.26 0.00	22.25 -0.32 0.00
FREEPORT_EQUS_GT1 23764	35.44 1.70 -8.01	31.68 1.43 -7.89	30.28 1.44 -6.98	27.79 1.44 -5.17	27.51 1.31 -6.95	26.09 1.37 -3.90	23.71 1.36 0.00	25.52 1.49 -1.75	26.03 1.70 0.00	27.20 1.89 -0.07	31.37 1.98 -4.97	33.28 2.05 -6.20	32.71 2.12 -5.60	33.81 2.12 -7.06	33.93 2.31 -6.83	34.34 2.45 -6.42	34.36 2.57 -4.11	36.23 2.72 -3.25	35.77 2.58 -2.79	35.21 2.51 -3.88	32.80 2.13 -4.39	31.27 1.89 -5.23	29.64 1.64 -4.29	27.39 1.69 -3.13
FREEPORT___CT2 23818	35.44 1.70 -8.01	31.68 1.43 -7.89	30.28 1.44 -6.98	27.79 1.44 -5.17	27.51 1.31 -6.95	26.09 1.37 -3.90	23.71 1.36 0.00	25.52 1.49 -1.75	26.03 1.70 0.00	27.20 1.89 -0.07	31.37 1.98 -4.97	33.28 2.05 -6.20	32.71 2.12 -5.60	33.81 2.12 -7.06	33.93 2.31 -6.83	34.34 2.45 -6.42	34.36 2.57 -4.11	36.23 2.72 -3.25	35.77 2.58 -2.79	35.21 2.51 -3.88	32.80 2.13 -4.39	31.27 1.89 -5.23	29.64 1.64 -4.29	27.39 1.69 -3.13
FRESHKLS_33_KV_LOAD 356253	39.94 1.44 -12.77	23.65 1.27 -0.01	23.20 1.33 -0.01	22.48 1.29 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.83 1.46 -14.04	39.84 1.51 -13.08	39.83 1.59 -13.83	40.11 1.60 -13.49	40.17 1.70 -13.48	40.16 1.72 -13.81	40.17 1.88 -13.49	40.53 2.06 -12.98	40.51 2.08 -10.75	40.79 2.21 -8.33	40.54 2.04 -8.11	40.18 1.99 -9.36	39.84 1.66 -11.90	25.58 1.43 0.00	25.05 1.33 0.00	24.06 1.47 -0.03
FULTON COGEN____ 23766	25.40 -0.33 0.00	22.05 -0.31 0.00	21.53 -0.33 0.00	20.86 -0.32 0.00	19.13 -0.31 -0.19	20.57 -0.33 -0.09	22.04 -0.31 0.00	21.94 -0.33 0.00	23.92 -0.41 0.00	24.89 -0.35 0.00	24.03 -0.39 0.00	24.62 -0.40 0.00	24.54 -0.45 0.00	24.13 -0.49 0.00	24.26 -0.57 -0.03	24.98 -0.61 -0.11	27.37 -0.58 -0.27	30.19 -0.64 -0.58	30.30 -0.61 -0.51	28.66 -0.61 -0.45	25.85 -0.50 -0.07	23.72 -0.43 0.00	23.41 -0.31 0.00	22.25 -0.32 0.00
FULTON___LFGE 323630	27.92 2.19 0.00	24.26 1.90 0.00	23.65 1.79 0.00	22.91 1.74 0.00	24.70 1.60 -3.86	24.40 1.77 -1.81	24.25 1.90 0.00	23.99 1.72 0.00	26.35 2.02 0.00	27.11 1.87 0.00	26.10 1.68 0.00	26.82 1.80 0.00	26.74 1.75 0.00	26.35 1.72 0.00	26.58 1.79 0.00	27.52 2.04 0.00	30.01 2.33 0.00	32.91 2.66 0.00	33.25 2.86 0.00	31.59 2.77 0.00	28.73 2.44 0.00	26.33 2.18 0.00	25.64 1.92 0.00	24.39 1.78 -0.04
G.F.CEMENT___DRP 24184	27.69 1.96 0.00	24.06 1.70 0.00	23.47 1.62 0.00	22.74 1.57 0.00	24.21 1.42 -3.53	24.06 1.58 -1.66	24.07 1.72 0.00	23.88 1.60 0.00	26.28 1.95 0.00	27.23 1.99 0.00	26.12 1.71 0.00	26.77 1.75 0.00	26.69 1.70 0.00	26.25 1.63 0.00	26.46 1.66 0.00	27.24 1.76 0.00	29.53 1.85 0.00	32.37 2.12 0.00	32.80 2.40 0.00	31.16 2.33 0.00	28.44 2.16 0.00	26.09 1.93 0.00	25.45 1.73 0.00	24.21 1.60 -0.04
GARDENVILLE___LBMP 24039	23.67 -2.06 0.00	20.48 -1.88 0.00	20.00 -1.84 0.02	19.36 -1.80 0.02	17.68 -1.67 -0.11	19.05 -1.81 -0.04	20.41 -1.92 0.02	20.25 -2.00 0.02	22.05 -2.26 0.02	23.00 -2.22 0.02	22.25 -2.15 0.02	22.77 -2.23 0.02	22.65 -2.32 0.02	22.32 -2.29 0.02	22.36 -2.36 0.08	22.75 -2.50 0.23	24.58 -2.60 0.50	26.20 -2.93 1.11	26.64 -2.80 0.95	25.14 -2.82 0.86	23.85 -2.31 0.12	21.96 -2.17 0.02	21.68 -2.02 0.02	20.63 -1.92 0.02
GARDNVLA_35_KV_LD 355827	23.75 -1.98 0.00	20.55 -1.81 0.00	20.07 -1.77 0.02	19.40 -1.76 0.02	17.74 -1.62 -0.11	19.11 -1.75 -0.04	20.47 -1.85 0.02	20.34 -1.92 0.02	22.15 -2.17 0.02	23.08 -2.15 0.02	22.32 -2.08 0.02	22.85 -2.15 0.02	22.75 -2.22 0.02	22.42 -2.19 0.02	22.46 -2.26 0.08	22.85 -2.39 0.23	24.66 -2.52 0.50	26.30 -2.84 1.11	26.74 -2.71 0.95	25.25 -2.71 0.86	23.93 -2.23 0.12	22.06 -2.08 0.02	21.75 -1.94 0.02	20.72 -1.83 0.02
GELCKHM___115KV_LOAD 80723	25.42 -0.31 0.00	22.07 -0.29 0.00	21.57 -0.28 0.00	20.88 -0.30 0.00	19.18 -0.29 -0.22	20.61 -0.31 -0.10	22.06 -0.29 0.00	21.99 -0.29 0.00	23.94 -0.39 0.00	24.91 -0.33 0.00	24.07 -0.34 0.00	24.67 -0.35 0.00	24.59 -0.40 0.00	24.18 -0.44 0.00	24.28 -0.50 0.02	24.89 -0.54 0.06	27.02 -0.53 0.14	29.39 -0.57 0.29	29.59 -0.55 0.25	28.06 -0.55 0.22	25.82 -0.42 0.04	23.77 -0.39 0.00	23.43 -0.28 0.00	22.27 -0.29 0.00
GENERAL___MILLS 23808	23.70 -2.03 0.00	20.53 -1.83 0.00	20.02 -1.81 0.02	19.38 -1.78 0.02	17.72 -1.64 -0.11	19.09 -1.77 -0.04	20.45 -1.88 0.02	20.32 -1.94 0.02	22.12 -2.19 0.02	23.05 -2.17 0.02	22.30 -2.10 0.02	22.82 -2.18 0.02	22.70 -2.27 0.02	22.39 -2.22 0.02	22.44 -2.28 0.08	22.83 -2.42 0.23	24.64 -2.55 0.50	26.27 -2.87 1.11	26.71 -2.74 0.95	25.23 -2.74 0.86	23.90 -2.26 0.12	22.01 -2.13 0.02	21.73 -1.97 0.02	20.70 -1.85 0.02
GE_PLASTICS___DRP 24183	26.30 0.57 0.00	22.90 0.54 0.00	22.49 0.63 0.00	21.83 0.66 0.00	23.22 0.56 -3.42	23.03 0.60 -1.60	23.00 0.65 0.00	22.92 0.65 0.00	25.09 0.75 0.00	25.90 0.66 0.00	25.03 0.61 0.00	25.62 0.60 0.00	25.66 0.67 0.00	25.32 0.69 0.00	25.56 0.77 0.00	26.27 0.79 0.00	28.46 0.78 0.00	31.13 0.88 0.00	31.25 0.85 0.00	29.66 0.84 0.00	26.99 0.71 0.00	24.83 0.68 0.00	24.31 0.59 0.00	23.19 0.59 -0.04
GILBOA___1 23756	26.25 0.51 0.00	22.81 0.45 0.00	22.34 0.48 0.00	21.66 0.49 0.00	22.35 0.46 -2.64	22.54 0.48 -1.24	22.86 0.51 0.00	22.79 0.51 0.00	24.99 0.66 0.00	25.87 0.63 0.00	25.05 0.63 0.00	25.67 0.65 0.00	25.69 0.70 0.00	25.32 0.69 0.00	25.56 0.77 0.00	26.32 0.84 0.00	28.54 0.86 0.00	31.19 0.94 0.00	31.28 0.88 0.00	29.69 0.86 0.00	26.99 0.71 0.00	24.81 0.65 0.00	24.26 0.55 0.00	23.18 0.59 -0.03
GILBOA___2 23757	26.25 0.51 0.00	22.81 0.45 0.00	22.34 0.48 0.00	21.66 0.49 0.00	22.35 0.46 -2.64	22.54 0.48 -1.24	22.86 0.51 0.00	22.79 0.51 0.00	24.99 0.66 0.00	25.87 0.63 0.00	25.05 0.63 0.00	25.67 0.65 0.00	25.69 0.70 0.00	25.32 0.69 0.00	25.56 0.77 0.00	26.32 0.84 0.00	28.54 0.86 0.00	31.19 0.94 0.00	31.28 0.88 0.00	29.69 0.86 0.00	26.99 0.71 0.00	24.81 0.65 0.00	24.26 0.55 0.00	23.18 0.59 -0.03



GILBOA___3 23758	26.25 0.51 0.00	22.81 0.45 0.00	22.34 0.48 0.00	21.66 0.49 0.00	22.35 0.46 -2.64	22.54 0.48 -1.24	22.86 0.51 0.00	22.79 0.51 0.00	24.99 0.66 0.00	25.87 0.63 0.00	25.05 0.63 0.00	25.67 0.65 0.00	25.69 0.70 0.00	25.32 0.69 0.00	25.56 0.77 0.00	26.32 0.84 0.00	28.54 0.86 0.00	31.19 0.94 0.00	31.28 0.88 0.00	29.69 0.86 0.00	26.99 0.71 0.00	24.81 0.65 0.00	24.26 0.55 0.00	23.18 0.59 -0.03
GILBOA___4 23759	26.25 0.51 0.00	22.81 0.45 0.00	22.34 0.48 0.00	21.66 0.49 0.00	22.35 0.46 -2.64	22.54 0.48 -1.24	22.86 0.51 0.00	22.79 0.51 0.00	24.99 0.66 0.00	25.87 0.63 0.00	25.05 0.63 0.00	25.67 0.65 0.00	25.69 0.70 0.00	25.32 0.69 0.00	25.56 0.77 0.00	26.32 0.84 0.00	28.54 0.86 0.00	31.19 0.94 0.00	31.28 0.88 0.00	29.69 0.86 0.00	26.99 0.71 0.00	24.81 0.65 0.00	24.26 0.55 0.00	23.18 0.59 -0.03
GILBOA___ 23599	26.30 0.57 0.00	22.83 0.47 0.00	22.36 0.50 0.00	21.69 0.51 0.00	22.35 0.46 -2.64	22.56 0.50 -1.24	22.88 0.54 0.00	22.83 0.56 0.00	24.99 0.66 0.00	25.87 0.63 0.00	25.05 0.63 0.00	25.64 0.63 0.00	25.69 0.70 0.00	25.32 0.69 0.00	25.56 0.77 0.00	26.32 0.84 0.00	28.54 0.86 0.00	31.19 0.94 0.00	31.28 0.88 0.00	29.69 0.86 0.00	26.99 0.71 0.00	24.81 0.65 0.00	24.29 0.57 0.00	23.16 0.56 -0.03
GINNA___ 23603	23.77 -1.96 0.00	20.60 -1.77 0.00	20.08 -1.77 0.01	19.39 -1.78 0.01	17.75 -1.62 -0.12	19.18 -1.69 -0.05	20.46 -1.88 0.01	20.50 -1.76 0.01	22.06 -2.26 0.01	23.19 -2.04 0.01	22.38 -2.03 0.01	22.76 -2.25 0.01	22.66 -2.32 0.01	22.28 -2.34 0.01	22.40 -2.33 0.07	22.75 -2.52 0.21	24.63 -2.57 0.47	26.44 -2.78 1.03	26.91 -2.58 0.90	25.29 -2.74 0.80	24.01 -2.15 0.12	21.97 -2.17 0.01	21.74 -1.97 0.01	20.37 -2.19 0.01
GLEN PARK___ 23778	25.55 -0.18 0.00	22.18 -0.18 0.00	21.62 -0.24 0.00	20.90 -0.28 0.00	19.10 -0.27 -0.13	20.63 -0.25 -0.06	22.22 -0.13 0.00	22.14 -0.13 0.00	24.11 -0.22 0.00	25.16 -0.08 0.00	24.25 -0.17 0.00	24.79 -0.23 0.00	24.54 -0.45 0.00	24.13 -0.49 0.00	24.21 -0.60 -0.01	24.87 -0.64 -0.03	27.14 -0.61 -0.07	29.98 -0.42 -0.16	30.20 -0.33 -0.14	28.57 -0.38 -0.12	26.12 -0.18 -0.02	23.94 -0.22 0.00	23.48 -0.24 0.00	22.25 -0.32 0.00
GLENDALE_27_KV_LOAD 356172	27.31 1.57 -0.01	23.62 1.25 -0.01	23.18 1.31 -0.01	22.46 1.27 -0.01	23.08 1.12 -2.71	23.24 1.14 -1.28	23.62 1.27 0.00	23.63 1.36 0.00	25.94 1.61 0.00	26.88 1.64 0.00	26.17 1.76 0.00	26.80 1.78 0.00	26.86 1.87 0.00	26.70 1.90 -0.18	26.85 2.06 0.00	27.69 2.22 0.00	29.89 2.21 0.00	32.64 2.39 0.00	32.58 2.19 0.00	30.99 2.16 0.00	28.04 1.76 0.00	25.68 1.52 0.00	25.09 1.38 0.00	24.04 1.44 -0.03
GLENWOOD_IC_1_G5 23712	35.49 1.75 -8.01	31.68 1.43 -7.89	30.32 1.49 -6.98	27.79 1.44 -5.17	27.47 1.27 -6.95	26.09 1.37 -3.90	23.78 1.43 0.00	25.56 1.54 -1.75	26.01 1.68 0.00	27.18 1.87 -0.07	31.34 1.95 -4.97	33.25 2.03 -6.20	32.71 2.12 -5.60	33.81 2.12 -7.06	33.91 2.28 -6.83	34.32 2.42 -6.42	34.28 2.49 -4.11	36.19 2.69 -3.25	35.71 2.52 -2.79	35.15 2.45 -3.88	32.72 2.05 -4.39	31.20 1.81 -5.23	29.62 1.61 -4.29	27.30 1.60 -3.13
GLENWOOD_IC_2_G1 23688	35.31 1.57 -8.01	31.57 1.32 -7.89	30.17 1.33 -6.98	27.71 1.36 -5.17	27.41 1.21 -6.95	25.98 1.27 -3.90	23.62 1.27 0.00	25.43 1.40 -1.75	25.94 1.61 0.00	27.08 1.77 -0.07	31.24 1.85 -4.97	33.18 1.95 -6.20	32.59 2.00 -5.60	33.71 2.02 -7.06	33.81 2.18 -6.83	34.22 2.32 -6.42	34.20 2.41 -4.11	36.07 2.57 -3.25	35.59 2.40 -2.79	35.04 2.33 -3.88	32.64 1.97 -4.39	31.12 1.74 -5.23	29.53 1.52 -4.29	27.28 1.58 -3.13
GLENWOOD_IC_3_G1 23689	35.31 1.57 -8.01	31.57 1.32 -7.89	30.17 1.33 -6.98	27.71 1.36 -5.17	27.41 1.21 -6.95	25.98 1.27 -3.90	23.62 1.27 0.00	25.43 1.40 -1.75	25.94 1.61 0.00	27.08 1.77 -0.07	31.24 1.85 -4.97	33.18 1.95 -6.20	32.59 2.00 -5.60	33.71 2.02 -7.06	33.81 2.18 -6.83	34.22 2.32 -6.42	34.20 2.41 -4.11	36.07 2.57 -3.25	35.59 2.40 -2.79	35.04 2.33 -3.88	32.64 1.97 -4.39	31.12 1.74 -5.23	29.53 1.52 -4.29	27.28 1.58 -3.13
GLENWOOD___4 23550	35.49 1.75 -8.01	31.68 1.43 -7.89	30.32 1.49 -6.98	27.79 1.44 -5.17	27.47 1.27 -6.95	26.09 1.37 -3.90	23.78 1.43 0.00	25.56 1.54 -1.75	26.01 1.68 0.00	27.18 1.87 -0.07	31.34 1.95 -4.97	33.25 2.03 -6.20	32.71 2.12 -5.60	33.81 2.12 -7.06	33.91 2.28 -6.83	34.32 2.42 -6.42	34.28 2.49 -4.11	36.19 2.69 -3.25	35.71 2.52 -2.79	35.15 2.45 -3.88	32.72 2.05 -4.39	31.20 1.81 -5.23	29.62 1.61 -4.29	27.30 1.60 -3.13
GLENWOOD___5 23614	35.49 1.75 -8.01	31.68 1.43 -7.89	30.32 1.49 -6.98	27.79 1.44 -5.17	27.47 1.27 -6.95	26.09 1.37 -3.90	23.78 1.43 0.00	25.56 1.54 -1.75	26.01 1.68 0.00	27.18 1.87 -0.07	31.34 1.95 -4.97	33.25 2.03 -6.20	32.71 2.12 -5.60	33.81 2.12 -7.06	33.91 2.28 -6.83	34.32 2.42 -6.42	34.28 2.49 -4.11	36.19 2.69 -3.25	35.71 2.52 -2.79	35.15 2.45 -3.88	32.72 2.05 -4.39	31.20 1.81 -5.23	29.62 1.61 -4.29	27.30 1.60 -3.13
GLOBAL GREEN_PORT_GT1 23814	35.98 2.24 -8.01	32.08 1.83 -7.89	30.72 1.88 -6.98	28.15 1.80 -5.17	27.83 1.64 -6.95	26.52 1.81 -3.90	24.11 1.77 0.00	26.05 2.03 -1.75	26.25 1.92 0.00	27.61 2.30 -0.07	31.83 2.44 -4.97	33.90 2.68 -6.20	33.29 2.70 -5.60	34.45 2.76 -7.06	34.58 2.95 -6.83	34.98 3.08 -6.42	35.03 3.24 -4.11	36.98 3.48 -3.25	36.38 3.19 -2.79	35.65 2.94 -3.88	33.06 2.39 -4.39	31.41 2.03 -5.23	30.02 2.01 -4.29	27.71 2.01 -3.13
GLOBE___DSASP 323697	22.95 -2.78 0.00	19.90 -2.46 0.00	19.46 -2.38 0.02	18.79 -2.37 0.02	17.15 -2.21 -0.12	18.45 -2.41 -0.05	19.76 -2.57 0.02	19.36 -2.90 0.02	21.10 -3.21 0.02	22.25 -2.98 0.02	21.47 -2.93 0.02	22.00 -3.00 0.02	21.70 -3.27 0.02	21.41 -3.20 0.02	21.57 -3.15 0.07	21.86 -3.39 0.23	23.89 -3.29 0.50	25.34 -3.81 1.10	25.86 -3.59 0.95	24.05 -3.92 0.85	23.19 -2.97 0.12	21.24 -2.90 0.02	21.07 -2.63 0.02	19.95 -2.59 0.01
GOETHSLN___LBMP 323567	26.97 1.24 0.00	23.33 0.96 0.00	22.88 1.03 0.00	22.19 1.02 0.00	22.85 0.89 -2.71	23.03 0.94 -1.28	23.38 1.03 0.00	23.41 1.14 0.00	25.67 1.34 0.00	26.60 1.36 0.00	25.88 1.46 0.00	26.50 1.48 0.00	26.59 1.60 0.00	26.40 1.60 -0.18	26.58 1.79 0.00	27.39 1.91 0.00	29.56 1.88 0.00	32.28 2.03 0.00	32.25 1.85 0.00	30.64 1.82 0.00	27.78 1.50 0.00	25.46 1.30 0.00	24.86 1.14 0.00	23.77 1.17 -0.03
GOLAH___69_KV_TB 1_2 80279	24.52 -1.21 0.00	21.29 -1.07 0.00	20.77 -1.07 0.01	20.06 -1.10 0.01	18.33 -1.04 -0.12	19.74 -1.12 -0.05	21.09 -1.25 0.01	20.79 -1.47 0.01	22.71 -1.61 0.01	23.87 -1.36 0.01	23.01 -1.39 0.01	23.51 -1.50 0.01	23.25 -1.72 0.01	22.92 -1.70 0.01	23.07 -1.66 0.07	23.43 -1.83 0.21	25.54 -1.66 0.48	27.26 -1.94 1.05	27.75 -1.73 0.91	25.99 -2.02 0.81	24.74 -1.42 0.12	22.65 -1.50 0.01	22.38 -1.33 0.01	21.20 -1.35 0.01



GOODYEAR_LAKE_HYD 323669	26.79 1.05 0.00	23.21 0.85 0.00	22.66 0.81 0.00	21.96 0.78 0.00	20.59 0.71 -0.63	21.91 0.79 -0.30	23.26 0.92 0.00	23.21 0.94 0.00	25.38 1.05 0.00	26.30 1.06 0.00	25.47 1.05 0.00	26.12 1.10 0.00	26.04 1.05 0.00	25.61 0.99 0.00	25.81 1.02 0.00	26.62 1.15 0.00	28.90 1.22 0.00	31.61 1.36 0.00	31.73 1.34 0.00	30.15 1.33 0.00	27.44 1.16 0.00	25.17 1.01 0.00	24.62 0.90 0.00	23.41 0.83 -0.01
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	25.47 -0.26 0.00	22.10 -0.27 0.00	21.56 -0.28 0.01	20.89 -0.28 0.01	19.66 -0.27 -0.68	20.86 -0.27 -0.32	22.10 -0.25 0.01	22.07 -0.20 0.01	24.06 -0.27 0.01	24.98 -0.25 0.01	24.14 -0.27 0.01	24.74 -0.28 0.01	24.71 -0.27 0.01	24.30 -0.32 0.01	24.45 -0.32 0.03	25.12 -0.28 0.08	27.21 -0.30 0.17	29.57 -0.30 0.38	29.73 -0.33 0.33	28.27 -0.26 0.30	25.98 -0.26 0.04	23.91 -0.24 0.01	23.45 -0.26 0.01	22.29 -0.27 0.00
GOUDEY___7 23579	25.47 -0.26 0.00	22.10 -0.27 0.00	21.56 -0.28 0.01	20.89 -0.28 0.01	19.66 -0.27 -0.68	20.86 -0.27 -0.32	22.10 -0.25 0.01	22.07 -0.20 0.01	24.06 -0.27 0.01	24.98 -0.25 0.01	24.14 -0.27 0.01	24.74 -0.28 0.01	24.71 -0.27 0.01	24.30 -0.32 0.01	24.45 -0.32 0.03	25.12 -0.28 0.08	27.21 -0.30 0.17	29.57 -0.30 0.38	29.73 -0.33 0.33	28.27 -0.26 0.30	25.98 -0.26 0.04	23.91 -0.24 0.01	23.45 -0.26 0.01	22.29 -0.27 0.00
GOUDEY___8 23580	25.47 -0.26 0.00	22.10 -0.27 0.00	21.56 -0.28 0.01	20.89 -0.28 0.01	19.66 -0.27 -0.68	20.86 -0.27 -0.32	22.10 -0.25 0.01	22.07 -0.20 0.01	24.06 -0.27 0.01	24.98 -0.25 0.01	24.14 -0.27 0.01	24.74 -0.28 0.01	24.71 -0.27 0.01	24.30 -0.32 0.01	24.45 -0.32 0.03	25.12 -0.28 0.08	27.21 -0.30 0.17	29.57 -0.30 0.38	29.73 -0.33 0.33	28.27 -0.26 0.30	25.98 -0.26 0.04	23.91 -0.24 0.01	23.45 -0.26 0.01	22.29 -0.27 0.00
GOWANUS_GT1_1 24077	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT1_2 24078	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT1_3 24079	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT1_4 24080	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT1_5 24084	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT1_6 24111	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT1_7 24112	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT1_8 24113	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT2_1 24114	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
GOWANUS_GT2_2 24115	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
GOWANUS_GT2_3 24116	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03



GOWANUS_GT2_4 24117	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
GOWANUS_GT2_5 24118	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
GOWANUS_GT2_6 24119	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
GOWANUS_GT2_7 24120	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
GOWANUS_GT2_8 24121	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
GOWANUS_GT3_1 24122	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
GOWANUS_GT3_2 24123	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03



GOWANUS_GT4_3 24132	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT4_4 24133	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT4_5 24134	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT4_6 24135	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT4_7 24136	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GOWANUS_GT4_8 24137	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GREENBSH_115KV_TB3 55895	26.25 0.51 0.00	22.90 0.54 0.00	22.51 0.66 0.00	21.85 0.68 0.00	23.25 0.58 -3.43	23.05 0.62 -1.61	23.04 0.69 0.00	22.94 0.67 0.00	25.13 0.80 0.00	25.87 0.63 0.00	25.00 0.59 0.00	25.59 0.58 0.00	25.64 0.65 0.00	25.29 0.66 0.00	25.56 0.77 0.00	26.24 0.76 0.00	28.43 0.75 0.00	31.07 0.82 0.00	31.18 0.79 0.00	29.60 0.78 0.00	26.96 0.68 0.00	24.83 0.68 0.00	24.29 0.57 0.00	23.17 0.56 -0.04
GREENIDGE_115KV_TB5 80291	25.19 -0.54 0.00	21.80 -0.56 0.00	21.21 -0.59 0.05	20.53 -0.59 0.05	18.35 -0.56 0.34	20.05 -0.58 0.19	21.76 -0.54 0.05	21.71 -0.51 0.05	23.65 -0.63 0.05	24.63 -0.56 0.05	23.73 -0.63 0.05	24.29 -0.68 0.05	24.16 -0.77 0.05	23.74 -0.84 0.05	23.79 -0.87 0.13	24.23 -0.89 0.35	26.17 -0.83 0.68	27.77 -0.88 1.60	28.28 -0.79 1.33	26.83 -0.75 1.25	25.56 -0.58 0.14	23.48 -0.63 0.05	23.07 -0.59 0.05	21.83 -0.68 0.05
GREENIDGE___3 23582	25.19 -0.54 0.00	21.80 -0.56 0.00	21.21 -0.59 0.05	20.53 -0.59 0.05	18.35 -0.56 0.34	20.05 -0.58 0.19	21.76 -0.54 0.05	21.71 -0.51 0.05	23.65 -0.63 0.05	24.63 -0.56 0.05	23.73 -0.63 0.05	24.29 -0.68 0.05	24.16 -0.77 0.05	23.74 -0.84 0.05	23.79 -0.87 0.13	24.23 -0.89 0.35	26.17 -0.83 0.68	27.77 -0.88 1.60	28.28 -0.79 1.33	26.83 -0.75 1.25	25.56 -0.58 0.14	23.48 -0.63 0.05	23.07 -0.59 0.05	21.83 -0.68 0.05
GREENIDGE___4 23583	25.22 -0.51 0.00	21.83 -0.54 0.00	21.24 -0.57 0.05	20.55 -0.57 0.05	18.39 -0.52 0.34	20.09 -0.54 0.19	21.78 -0.51 0.05	21.78 -0.45 0.05	23.65 -0.63 0.05	24.63 -0.56 0.05	23.73 -0.63 0.05	24.27 -0.70 0.05	24.16 -0.77 0.05	23.74 -0.84 0.05	23.79 -0.87 0.13	24.23 -0.89 0.35	26.14 -0.86 0.68	27.77 -0.88 1.60	28.28 -0.79 1.33	26.80 -0.78 1.25	25.56 -0.58 0.14	23.48 -0.63 0.05	23.07 -0.59 0.05	21.81 -0.70 0.05
GREENLWN_69_KV_BK 3 55738	35.41 1.67 -8.01	31.59 1.34 -7.89	30.24 1.40 -6.98	27.73 1.38 -5.17	27.41 1.21 -6.95	26.01 1.29 -3.90	23.71 1.36 0.00	25.52 1.49 -1.75	25.89 1.56 0.00	27.05 1.74 -0.07	31.20 1.81 -4.97	33.07 1.85 -6.20	32.54 1.95 -5.60	33.66 1.97 -7.06	33.76 2.13 -6.83	34.19 2.29 -6.42	34.14 2.35 -4.11	36.07 2.57 -3.25	35.59 2.40 -2.79	35.04 2.33 -3.88	32.62 1.94 -4.39	31.10 1.72 -5.23	29.55 1.54 -4.29	27.23 1.53 -3.13
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03
GRISSOM___SOLAR 323813	27.76 2.03 0.00	24.13 1.77 0.00	23.52 1.66 0.00	22.79 1.61 0.00	24.57 1.50 -3.82	24.28 1.67 -1.79	24.11 1.77 0.00	23.88 1.60 0.00	26.25 1.92 0.00	27.01 1.77 0.00	26.03 1.61 0.00	26.74 1.73 0.00	26.66 1.67 0.00	26.30 1.68 0.00	26.53 1.74 0.00	27.41 1.94 0.00	29.87 2.19 0.00	32.76 2.51 0.00	33.07 2.68 0.00	31.42 2.60 0.00	28.54 2.26 0.00	26.19 2.03 0.00	25.52 1.80 0.00	24.28 1.67 -0.04
GROVEVILLE___HYD 323602	27.07 1.34 0.00	23.44 1.07 0.00	22.95 1.09 0.00	22.26 1.08 0.00	22.90 0.94 -2.71	23.09 1.00 -1.27	23.44 1.10 0.00	23.34 1.07 0.00	25.60 1.27 0.00	26.53 1.29 0.00	25.78 1.37 0.00	26.37 1.35 0.00	26.46 1.47 0.00	26.03 1.40 0.00	26.41 1.61 0.00	27.24 1.76 0.00	29.51 1.83 0.00	32.22 1.97 0.00	32.25 1.85 0.00	30.64 1.82 0.00	27.78 1.50 0.00	25.49 1.33 0.00	24.86 1.14 0.00	23.77 1.17 -0.03
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.58 -0.15 0.00	22.21 -0.16 0.00	21.68 -0.17 0.00	21.01 -0.17 0.00	19.31 -0.17 -0.24	20.74 -0.19 -0.11	22.19 -0.16 0.00	22.10 -0.18 0.00	24.09 -0.24 0.00	25.06 -0.18 0.00	24.20 -0.22 0.00	24.82 -0.20 0.00	24.74 -0.25 0.00	24.33 -0.30 0.00	24.42 -0.37 0.00	25.07 -0.41 0.00	27.29 -0.39 0.00	29.83 -0.42 0.00	30.03 -0.36 0.00	28.45 -0.37 0.00	25.99 -0.29 0.00	23.92 -0.24 0.00	23.55 -0.17 0.00	22.39 -0.18 0.00



HAMLTNNY_34_KV_TB 80303	25.53 -0.21 0.00	22.14 -0.22 0.00	21.62 -0.24 0.00	20.94 -0.23 0.00	19.27 -0.23 -0.25	20.69 -0.25 -0.12	22.12 -0.22 0.00	22.03 -0.25 0.00	24.02 -0.32 0.00	25.01 -0.23 0.00	24.15 -0.27 0.00	24.74 -0.28 0.00	24.64 -0.35 0.00	24.23 -0.39 0.00	24.35 -0.45 0.00	24.99 -0.48 0.00	27.24 -0.44 0.00	29.77 -0.48 0.00	29.94 -0.46 0.00	28.36 -0.46 0.00	25.94 -0.34 0.00	23.84 -0.31 0.00	23.48 -0.24 0.00	22.30 -0.27 0.00
HAMPSHIRE___PAPER_HYD 323593	24.93 -0.80 0.00	21.69 -0.67 0.00	21.16 -0.70 0.00	20.46 -0.72 0.00	18.68 -0.63 -0.07	20.16 -0.69 -0.03	21.68 -0.67 0.00	21.58 -0.69 0.00	23.63 -0.71 0.00	24.63 -0.61 0.00	23.81 -0.61 0.00	24.39 -0.62 0.00	24.24 -0.75 0.00	23.86 -0.76 0.00	23.95 -0.84 0.00	24.48 -0.99 0.00	26.63 -1.05 0.00	29.28 -0.97 0.00	29.51 -0.88 0.00	27.87 -0.95 0.00	25.52 -0.76 0.00	23.41 -0.75 0.00	22.94 -0.78 0.00	21.80 -0.77 0.00
HARDSCRABBLE_WT_PWR 323673	25.73 0.00 0.00	22.34 -0.02 0.00	21.86 0.00 0.00	21.20 0.02 0.00	19.27 0.02 0.00	20.86 0.04 0.00	22.39 0.04 0.00	22.34 0.07 0.00	24.48 0.15 0.00	25.44 0.20 0.00	24.61 0.19 0.00	25.20 0.18 0.00	25.14 0.15 0.00	24.73 0.10 0.00	24.84 0.05 0.00	25.53 0.05 0.00	27.71 0.03 0.00	30.28 0.03 0.00	30.39 0.00 0.00	28.82 0.00 0.00	26.28 0.00 0.00	24.18 0.02 0.00	23.72 0.00 0.00	22.56 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.86 1.13 0.00	23.26 0.89 0.00	22.73 0.87 0.00	22.05 0.87 0.00	22.46 0.75 -2.46	22.78 0.81 -1.16	23.22 0.87 0.00	23.17 0.89 0.00	25.38 1.05 0.00	26.33 1.09 0.00	25.56 1.15 0.00	26.17 1.15 0.00	26.24 1.25 0.00	25.64 1.21 0.20	26.21 1.41 0.00	27.01 1.53 0.00	29.29 1.61 0.00	32.00 1.75 0.00	32.01 1.61 0.00	30.41 1.59 0.00	27.57 1.29 0.00	25.27 1.11 0.00	24.67 0.95 0.00	23.56 0.97 -0.03
HARSNRAD_115KV_TB1 81005	23.34 -2.39 0.00	20.24 -2.12 0.00	19.79 -2.05 0.02	19.11 -2.05 0.02	17.46 -1.91 -0.12	18.78 -2.08 -0.05	20.10 -2.23 0.02	19.79 -2.47 0.02	21.54 -2.77 0.02	22.65 -2.57 0.02	21.89 -2.51 0.02	22.40 -2.60 0.02	22.13 -2.85 0.02	21.83 -2.78 0.02	21.97 -2.75 0.07	22.27 -2.98 0.23	24.28 -2.91 0.49	25.80 -3.36 1.09	26.32 -3.13 0.94	24.55 -3.43 0.85	23.56 -2.60 0.12	21.60 -2.54 0.02	21.38 -2.32 0.02	20.27 -2.28 0.01
HARZA MOOSE___RIVER 24016	25.78 0.05 0.00	22.39 0.02 0.00	21.86 0.00 0.00	21.13 -0.04 0.00	19.31 -0.02 -0.08	20.88 0.02 -0.04	22.44 0.09 0.00	22.36 0.09 0.00	24.48 0.15 0.00	25.52 0.28 0.00	24.64 0.22 0.00	25.24 0.23 0.00	25.12 0.12 0.00	24.70 0.07 0.00	24.82 0.02 0.00	25.40 -0.08 0.00	27.60 -0.08 0.00	30.37 0.12 0.00	30.55 0.15 0.00	28.85 0.03 0.00	26.44 0.16 0.00	24.30 0.14 0.00	23.81 0.09 0.00	22.61 0.05 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	25.42 -0.31 0.00	22.07 -0.29 0.00	21.57 -0.28 0.00	20.88 -0.30 0.00	19.18 -0.29 -0.22	20.61 -0.31 -0.11	22.06 -0.29 0.00	21.99 -0.29 0.00	23.97 -0.36 0.00	24.91 -0.33 0.00	24.07 -0.34 0.00	24.67 -0.35 0.00	24.59 -0.40 0.00	24.18 -0.44 0.00	24.28 -0.50 0.02	24.88 -0.54 0.07	27.02 -0.50 0.16	29.36 -0.54 0.34	29.54 -0.55 0.30	28.04 -0.52 0.26	25.82 -0.42 0.04	23.77 -0.39 0.00	23.43 -0.28 0.00	22.27 -0.29 0.00
HELLGATE_13_KV_LD 55870	27.21 1.47 -0.01	23.56 1.19 -0.01	23.09 1.22 -0.01	22.41 1.23 -0.01	23.02 1.06 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.52 1.25 0.00	25.82 1.48 0.00	26.78 1.54 0.00	26.05 1.64 0.00	26.67 1.65 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.93 0.00	27.57 2.09 0.00	29.76 2.08 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.97 1.38 -0.03
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.21 1.47 -0.01	23.56 1.19 -0.01	23.09 1.22 -0.01	22.41 1.23 -0.01	23.02 1.06 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.52 1.25 0.00	25.82 1.48 0.00	26.78 1.54 0.00	26.05 1.64 0.00	26.67 1.65 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.93 0.00	27.57 2.09 0.00	29.76 2.08 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.97 1.38 -0.03
HEMPSTEAD____ 23647	35.28 1.54 -8.01	31.55 1.30 -7.89	30.15 1.31 -6.98	27.66 1.31 -5.17	27.39 1.19 -6.95	25.96 1.25 -3.90	23.60 1.25 0.00	25.40 1.38 -1.75	25.89 1.56 0.00	27.05 1.74 -0.07	31.22 1.83 -4.97	33.15 1.93 -6.20	32.56 1.97 -5.60	33.69 1.99 -7.06	33.78 2.16 -6.83	34.19 2.29 -6.42	34.20 2.41 -4.11	36.04 2.54 -3.25	35.56 2.37 -2.79	35.01 2.31 -3.88	32.62 1.94 -4.39	31.10 1.72 -5.23	29.50 1.50 -4.29	27.25 1.56 -3.13
HEWLETT_69_KV_BK3 55828	35.54 1.80 -8.01	31.73 1.48 -7.89	30.37 1.53 -6.98	27.85 1.50 -5.17	27.53 1.33 -6.95	26.13 1.42 -3.90	23.82 1.47 0.00	25.60 1.58 -1.75	26.06 1.73 0.00	27.23 1.92 -0.07	31.42 2.03 -4.97	33.27 2.05 -6.20	32.76 2.17 -5.60	33.86 2.17 -7.06	33.96 2.33 -6.83	34.34 2.45 -6.42	34.31 2.52 -4.11	36.19 2.69 -3.25	35.74 2.55 -2.79	35.18 2.48 -3.88	32.80 2.13 -4.39	31.27 1.88 -5.23	29.67 1.66 -4.29	27.35 1.65 -3.13
HICKLING___1 23621	24.93 -0.80 0.00	21.58 -0.78 0.00	21.02 -0.79 0.05	20.35 -0.78 0.05	18.39 -0.73 0.12	19.96 -0.77 0.08	21.54 -0.76 0.05	21.54 -0.69 0.05	23.46 -0.83 0.05	24.36 -0.83 0.05	23.51 -0.85 0.05	24.07 -0.90 0.05	24.02 -0.92 0.05	23.62 -0.96 0.05	23.71 -0.97 0.12	24.17 -0.99 0.32	26.05 -1.02 0.61	27.73 -1.09 1.43	28.15 -1.06 1.18	26.76 -0.95 1.11	25.31 -0.84 0.13	23.29 -0.82 0.05	22.87 -0.81 0.05	21.68 -0.83 0.05
HICKLING___2 23622	24.93 -0.80 0.00	21.58 -0.78 0.00	21.02 -0.79 0.05	20.35 -0.78 0.05	18.39 -0.73 0.12	19.96 -0.77 0.08	21.54 -0.76 0.05	21.54 -0.69 0.05	23.46 -0.83 0.05	24.36 -0.83 0.05	23.51 -0.85 0.05	24.07 -0.90 0.05	24.02 -0.92 0.05	23.62 -0.96 0.05	23.71 -0.97 0.12	24.17 -0.99 0.32	26.05 -1.02 0.61	27.73 -1.09 1.43	28.15 -1.06 1.18	26.76 -0.95 1.11	25.31 -0.84 0.13	23.29 -0.82 0.05	22.87 -0.81 0.05	21.68 -0.83 0.05
HIGH FALLS___HY 23754	26.91 1.18 0.00	23.26 0.89 0.00	22.73 0.87 0.00	22.02 0.85 0.00	22.67 0.73 -2.70	22.87 0.79 -1.27	23.22 0.87 0.00	23.14 0.87 0.00	25.35 1.02 0.00	26.33 1.09 0.00	25.59 1.17 0.00	26.15 1.13 0.00	26.24 1.25 0.00	25.81 1.18 0.00	26.21 1.41 0.00	27.06 1.58 0.00	29.34 1.66 0.00	32.09 1.85 0.00	32.07 1.67 0.00	30.50 1.67 0.00	27.62 1.34 0.00	25.29 1.14 0.00	24.69 0.97 0.00	23.61 1.02 -0.03
HIGH_RIVER___SOLAR 323847	27.07 1.34 0.00	23.53 1.16 0.00	22.97 1.11 0.00	22.26 1.08 0.00	23.92 1.00 -3.67	23.65 1.10 -1.73	23.51 1.16 0.00	23.32 1.05 0.00	25.57 1.24 0.00	26.30 1.06 0.00	25.32 0.90 0.00	26.05 1.03 0.00	26.02 1.02 0.00	25.66 1.03 0.00	25.91 1.12 0.00	26.83 1.35 0.00	29.17 1.49 0.00	31.94 1.69 0.00	32.19 1.79 0.00	30.58 1.76 0.00	27.80 1.52 0.00	25.53 1.38 0.00	24.95 1.23 0.00	23.78 1.17 -0.04



HILLBURN___GT 23639	26.73 1.00 0.00	23.21 0.85 0.00	22.64 0.79 0.00	21.98 0.80 0.00	22.48 0.73 -2.50	22.74 0.75 -1.18	23.15 0.80 0.00	23.10 0.82 0.00	25.38 1.05 0.00	26.32 1.08 0.00	25.59 1.17 0.00	26.22 1.20 0.00	26.26 1.27 0.00	25.65 1.26 0.23	26.26 1.46 0.00	27.06 1.58 0.00	29.37 1.69 0.00	32.03 1.78 0.00	32.00 1.61 0.00	30.41 1.58 0.00	27.57 1.29 0.00	25.27 1.11 0.00	24.64 0.92 0.00	23.58 0.99 -0.03
HILLSIDE_115KV_TB1 80332	24.68 -1.05 0.00	21.38 -0.98 0.00	20.83 -0.98 0.04	20.18 -0.95 0.04	18.31 -0.89 0.05	19.83 -0.94 0.05	21.34 -0.96 0.04	21.36 -0.87 0.04	23.27 -1.02 0.04	24.14 -1.06 0.04	23.32 -1.05 0.04	23.87 -1.10 0.04	23.87 -1.07 0.04	23.48 -1.11 0.04	23.59 -1.09 0.11	24.09 -1.10 0.30	25.95 -1.16 0.57	27.67 -1.24 1.34	28.01 -1.28 1.11	26.66 -1.12 1.04	25.11 -1.05 0.12	23.12 -0.99 0.04	22.68 -1.00 0.04	21.53 -0.99 0.04
HISHELDN_WT_PWR 323625	23.83 -1.90 0.00	20.60 -1.77 0.00	20.11 -1.73 0.02	19.42 -1.74 0.02	17.76 -1.58 -0.09	19.18 -1.67 -0.03	20.49 -1.83 0.02	20.52 -1.74 0.02	22.14 -2.17 0.02	23.10 -2.12 0.02	22.32 -2.08 0.02	22.75 -2.25 0.02	22.69 -2.27 0.02	22.32 -2.29 0.02	22.38 -2.33 0.08	22.77 -2.47 0.24	24.57 -2.60 0.50	26.31 -2.81 1.13	26.75 -2.67 0.97	25.21 -2.74 0.88	23.98 -2.18 0.12	22.06 -2.08 0.02	21.75 -1.94 0.02	20.60 -1.94 0.02
HOLTSVILLE_IC_1 23690	35.41 1.67 -8.01	31.66 1.41 -7.89	30.30 1.46 -6.98	27.81 1.46 -5.17	27.51 1.31 -6.95	26.11 1.39 -3.90	23.73 1.39 0.00	25.58 1.56 -1.75	25.82 1.48 0.00	27.03 1.72 -0.07	31.10 1.71 -4.97	33.00 1.78 -6.20	32.44 1.85 -5.60	33.56 1.87 -7.06	33.68 2.06 -6.83	34.11 2.22 -6.42	34.11 2.33 -4.11	35.98 2.48 -3.25	35.50 2.31 -2.79	34.95 2.25 -3.88	32.59 1.92 -4.39	31.03 1.64 -5.23	29.69 1.68 -4.29	27.46 1.76 -3.13
HOLTSVILLE_IC_10 23699	35.54 1.80 -8.01	31.77 1.52 -7.89	30.41 1.57 -6.98	27.90 1.55 -5.17	27.60 1.40 -6.95	26.21 1.50 -3.90	23.82 1.47 0.00	25.67 1.65 -1.75	25.91 1.58 0.00	27.13 1.82 -0.07	31.22 1.83 -4.97	33.15 1.93 -6.20	32.56 1.97 -5.60	33.69 1.99 -7.06	33.83 2.21 -6.83	34.27 2.37 -6.42	34.28 2.49 -4.11	36.16 2.66 -3.25	35.68 2.49 -2.79	35.10 2.39 -3.88	32.72 2.05 -4.39	31.15 1.76 -5.23	29.79 1.78 -4.29	27.55 1.85 -3.13
HOLTSVILLE_IC_2 23691	35.41 1.67 -8.01	31.66 1.41 -7.89	30.30 1.46 -6.98	27.81 1.46 -5.17	27.51 1.31 -6.95	26.11 1.39 -3.90	23.73 1.39 0.00	25.58 1.56 -1.75	25.82 1.48 0.00	27.03 1.72 -0.07	31.10 1.71 -4.97	33.00 1.78 -6.20	32.44 1.85 -5.60	33.56 1.87 -7.06	33.68 2.06 -6.83	34.11 2.22 -6.42	34.11 2.33 -4.11	35.98 2.48 -3.25	35.50 2.31 -2.79	34.95 2.25 -3.88	32.59 1.92 -4.39	31.03 1.64 -5.23	29.69 1.68 -4.29	27.46 1.76 -3.13
HOLTSVILLE_IC_3 23692	35.41 1.67 -8.01	31.66 1.41 -7.89	30.30 1.46 -6.98	27.81 1.46 -5.17	27.51 1.31 -6.95	26.11 1.39 -3.90	23.73 1.39 0.00	25.58 1.56 -1.75	25.82 1.48 0.00	27.03 1.72 -0.07	31.10 1.71 -4.97	33.00 1.78 -6.20	32.44 1.85 -5.60	33.56 1.87 -7.06	33.68 2.06 -6.83	34.11 2.22 -6.42	34.11 2.33 -4.11	35.98 2.48 -3.25	35.50 2.31 -2.79	34.95 2.25 -3.88	32.59 1.92 -4.39	31.03 1.64 -5.23	29.69 1.68 -4.29	27.46 1.76 -3.13
HOLTSVILLE_IC_4 23693	35.41 1.67 -8.01	31.66 1.41 -7.89	30.30 1.46 -6.98	27.81 1.46 -5.17	27.51 1.31 -6.95	26.11 1.39 -3.90	23.73 1.39 0.00	25.58 1.56 -1.75	25.82 1.48 0.00	27.03 1.72 -0.07	31.10 1.71 -4.97	33.00 1.78 -6.20	32.44 1.85 -5.60	33.56 1.87 -7.06	33.68 2.06 -6.83	34.11 2.22 -6.42	34.11 2.33 -4.11	35.98 2.48 -3.25	35.50 2.31 -2.79	34.95 2.25 -3.88	32.59 1.92 -4.39	31.03 1.64 -5.23	29.69 1.68 -4.29	27.46 1.76 -3.13
HOLTSVILLE_IC_5 23694	35.41 1.67 -8.01	31.66 1.41 -7.89	30.30 1.46 -6.98	27.81 1.46 -5.17	27.51 1.31 -6.95	26.11 1.39 -3.90	23.73 1.39 0.00	25.58 1.56 -1.75	25.82 1.48 0.00	27.03 1.72 -0.07	31.10 1.71 -4.97	33.00 1.78 -6.20	32.44 1.85 -5.60	33.56 1.87 -7.06	33.68 2.06 -6.83	34.11 2.22 -6.42	34.11 2.33 -4.11	35.98 2.48 -3.25	35.50 2.31 -2.79	34.95 2.25 -3.88	32.59 1.92 -4.39	31.03 1.64 -5.23	29.69 1.68 -4.29	27.46 1.76 -3.13
HOLTSVILLE_IC_6 23695	35.54 1.80 -8.01	31.77 1.52 -7.89	30.41 1.57 -6.98	27.90 1.55 -5.17	27.60 1.40 -6.95	26.21 1.50 -3.90	23.82 1.47 0.00	25.67 1.65 -1.75	25.91 1.58 0.00	27.13 1.82 -0.07	31.22 1.83 -4.97	33.15 1.93 -6.20	32.56 1.97 -5.60	33.69 1.99 -7.06	33.83 2.21 -6.83	34.27 2.37 -6.42	34.28 2.49 -4.11	36.16 2.66 -3.25	35.68 2.49 -2.79	35.10 2.39 -3.88	32.72 2.05 -4.39	31.15 1.76 -5.23	29.79 1.78 -4.29	27.55 1.85 -3.13
HOLTSVILLE_IC_7 23696	35.54 1.80 -8.01	31.77 1.52 -7.89	30.41 1.57 -6.98	27.90 1.55 -5.17	27.60 1.40 -6.95	26.21 1.50 -3.90	23.82 1.47 0.00	25.67 1.65 -1.75	25.91 1.58 0.00	27.13 1.82 -0.07	31.22 1.83 -4.97	33.15 1.93 -6.20	32.56 1.97 -5.60	33.69 1.99 -7.06	33.83 2.21 -6.83	34.27 2.37 -6.42	34.28 2.49 -4.11	36.16 2.66 -3.25	35.68 2.49 -2.79	35.10 2.39 -3.88	32.72 2.05 -4.39	31.15 1.76 -5.23	29.79 1.78 -4.29	27.55 1.85 -3.13
HOLTSVILLE_IC_8 23697	35.54 1.80 -8.01	31.77 1.52 -7.89	30.41 1.57 -6.98	27.90 1.55 -5.17	27.60 1.40 -6.95	26.21 1.50 -3.90	23.82 1.47 0.00	25.67 1.65 -1.75	25.91 1.58 0.00	27.13 1.82 -0.07	31.22 1.83 -4.97	33.15 1.93 -6.20	32.56 1.97 -5.60	33.69 1.99 -7.06	33.83 2.21 -6.83	34.27 2.37 -6.42	34.28 2.49 -4.11	36.16 2.66 -3.25	35.68 2.49 -2.79	35.10 2.39 -3.88	32.72 2.05 -4.39	31.15 1.76 -5.23	29.79 1.78 -4.29	27.55 1.85 -3.13
HOLTSVILLE_IC_9 23698	35.54 1.80 -8.01	31.77 1.52 -7.89	30.41 1.57 -6.98	27.90 1.55 -5.17	27.60 1.40 -6.95	26.21 1.50 -3.90	23.82 1.47 0.00	25.67 1.65 -1.75	25.91 1.58 0.00	27.13 1.82 -0.07	31.22 1.83 -4.97	33.15 1.93 -6.20	32.56 1.97 -5.60	33.69 1.99 -7.06	33.83 2.21 -6.83	34.27 2.37 -6.42	34.28 2.49 -4.11	36.16 2.66 -3.25	35.68 2.49 -2.79	35.10 2.39 -3.88	32.72 2.05 -4.39	31.15 1.76 -5.23	29.79 1.78 -4.29	27.55 1.85 -3.13
HOMER_HL_115KV_TB2 355744	23.85 -1.88 0.00	20.62 -1.74 0.00	20.10 -1.73 0.03	19.54 -1.61 0.03	17.89 -1.42 -0.07	19.32 -1.52 -0.02	20.74 -1.59 0.03	21.07 -1.18 0.03	22.92 -1.39 0.03	23.37 -1.84 0.03	22.68 -1.71 0.03	23.19 -1.80 0.03	23.47 -1.50 0.03	23.07 -1.53 0.03	22.92 -1.79 0.09	23.57 -1.66 0.25	24.86 -2.30 0.52	26.75 -2.33 1.17	26.90 -2.49 1.00	26.15 -1.76 0.91	24.09 -2.08 0.12	22.47 -1.67 0.03	21.96 -1.73 0.03	21.10 -1.44 0.02
HOWARD_WT_PWR 323690	25.27 -0.46 0.00	21.81 -0.56 0.00	21.21 -0.59 0.06	20.63 -0.49 0.06	18.41 -0.44 0.40	20.10 -0.50 0.22	21.96 -0.33 0.06	21.93 -0.29 0.06	24.01 -0.27 0.06	24.80 -0.38 0.06	23.87 -0.49 0.06	24.48 -0.48 0.06	24.41 -0.53 0.06	23.83 -0.74 0.06	23.60 -1.04 0.15	24.06 -1.02 0.40	25.81 -1.11 0.76	27.29 -1.18 1.78	27.89 -1.03 1.48	26.77 -0.66 1.39	25.60 -0.53 0.16	23.52 -0.58 0.06	23.00 -0.66 0.06	21.89 -0.61 0.06



HQ_GEN_CEDARS 23644	25.50 -0.23 0.00	22.25 -0.11 0.00	21.68 -0.17 0.00	20.99 -0.19 0.00	19.13 -0.12 0.00	20.69 -0.12 0.00	22.15 -0.20 0.00	22.07 -0.20 0.00	24.11 -0.22 0.00	24.99 -0.25 0.00	24.20 -0.22 0.00	24.82 -0.20 0.00	24.77 -0.22 0.00	24.43 -0.20 0.00	24.52 -0.27 0.00	25.15 -0.33 0.00	27.35 -0.33 0.00	29.89 -0.36 0.00	30.09 -0.30 0.00	28.51 -0.32 0.00	26.02 -0.26 0.00	23.92 -0.24 0.00	23.43 -0.28 0.00	22.29 -0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	25.50 -0.23 0.00	22.23 -0.13 0.00	21.68 -0.18 0.00	20.99 -0.19 0.00	19.06 -0.19 0.00	20.61 -0.21 0.00	22.15 -0.20 0.00	22.07 -0.20 0.00	24.11 -0.22 0.00	24.99 -0.25 0.00	24.20 -0.22 0.00	24.85 -0.17 0.00	24.76 -0.23 0.00	24.43 -0.20 0.00	24.52 -0.27 0.00	24.98 -0.33 0.17	27.51 -0.33 -0.17	29.89 -0.36 0.00	30.09 -0.30 0.00	28.51 -0.32 0.00	26.02 -0.26 0.00	23.92 -0.24 0.00	23.46 -0.26 0.00	22.29 -0.27 0.00
HQ_GEN_IMPORT 323601	25.55 -0.18 0.00	22.23 -0.13 0.00	21.70 -0.15 0.00	21.03 -0.15 0.00	19.09 -0.15 0.00	20.65 -0.17 0.00	22.19 -0.16 0.00	22.12 -0.15 0.00	24.16 -0.17 0.00	25.06 -0.18 0.00	24.25 -0.17 0.00	24.85 -0.17 0.00	24.82 -0.17 0.00	24.46 -0.17 0.00	24.60 -0.20 0.00	25.11 -0.20 0.17	27.62 -0.22 -0.17	30.01 -0.24 0.00	30.18 -0.21 0.00	28.62 -0.20 0.00	26.12 -0.16 0.00	23.99 -0.17 0.00	23.55 -0.16 0.00	22.38 -0.18 0.00
HQ_GEN_WHEEL 23651	25.55 -0.18 0.00	22.23 -0.13 0.00	21.70 -0.15 0.00	21.03 -0.15 0.00	19.09 -0.15 0.00	20.65 -0.17 0.00	22.19 -0.16 0.00	22.12 -0.15 0.00	24.16 -0.17 0.00	25.06 -0.18 0.00	24.25 -0.17 0.00	24.85 -0.17 0.00	24.82 -0.17 0.00	24.46 -0.17 0.00	24.60 -0.20 0.00	25.11 -0.20 0.17	27.62 -0.22 -0.17	30.01 -0.24 0.00	30.18 -0.21 0.00	28.62 -0.20 0.00	26.12 -0.16 0.00	23.99 -0.17 0.00	23.55 -0.16 0.00	22.38 -0.18 0.00
HUDSON_AVE_GT_3 23810	27.12 1.39 0.00	23.46 1.10 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.13 1.04 -1.28	23.49 1.14 0.00	23.52 1.25 0.00	25.77 1.44 0.00	26.73 1.49 0.00	26.00 1.59 0.00	26.62 1.60 0.00	26.71 1.72 0.00	26.53 1.72 -0.18	26.70 1.91 0.00	27.52 2.04 0.00	29.73 2.05 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.58 1.43 0.00	24.98 1.26 0.00	23.88 1.29 -0.03
HUDSON_AVE_GT_4 23540	27.12 1.39 0.00	23.46 1.10 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.13 1.04 -1.28	23.49 1.14 0.00	23.52 1.25 0.00	25.77 1.44 0.00	26.73 1.49 0.00	26.00 1.59 0.00	26.62 1.60 0.00	26.71 1.72 0.00	26.53 1.72 -0.18	26.70 1.91 0.00	27.52 2.04 0.00	29.73 2.05 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.58 1.43 0.00	24.98 1.26 0.00	23.88 1.29 -0.03
HUDSON_AVE_GT_5 23657	27.12 1.39 0.00	23.46 1.10 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.13 1.04 -1.28	23.49 1.14 0.00	23.52 1.25 0.00	25.77 1.44 0.00	26.73 1.49 0.00	26.00 1.59 0.00	26.62 1.60 0.00	26.71 1.72 0.00	26.53 1.72 -0.18	26.70 1.91 0.00	27.52 2.04 0.00	29.73 2.05 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.58 1.43 0.00	24.98 1.26 0.00	23.88 1.29 -0.03
HUDSON_AVE_10 24168	27.07 1.34 0.00	23.39 1.03 0.00	22.95 1.09 0.00	22.26 1.08 0.00	22.90 0.94 -2.71	23.09 1.00 -1.28	23.47 1.12 0.00	23.48 1.20 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.53 1.38 0.00	24.95 1.23 0.00	23.84 1.24 -0.03
HUDSON___115KV_TB 4 355613	26.76 1.03 0.00	23.33 0.96 0.00	22.91 1.05 0.00	22.21 1.04 0.00	23.45 0.87 -3.33	23.34 0.96 -1.57	23.44 1.10 0.00	23.23 0.96 0.00	25.50 1.17 0.00	26.22 0.98 0.00	25.27 0.85 0.00	25.84 0.83 0.00	25.89 0.90 0.00	25.49 0.86 0.00	25.79 0.99 0.00	26.52 1.04 0.00	28.79 1.11 0.00	31.55 1.30 0.00	31.73 1.34 0.00	30.15 1.33 0.00	27.44 1.16 0.00	25.24 1.09 0.00	24.67 0.95 0.00	23.53 0.93 -0.04
HUNTER MOUNT___DRP 323613	26.94 1.21 0.00	23.46 1.10 0.00	23.06 1.20 0.00	22.36 1.19 0.00	23.42 0.94 -3.23	23.37 1.04 -1.52	23.58 1.23 0.00	23.30 1.02 0.00	25.60 1.27 0.00	26.27 1.03 0.00	25.32 0.90 0.00	25.89 0.88 0.00	25.94 0.95 0.00	25.49 0.86 0.00	25.79 0.99 0.00	26.55 1.07 0.00	28.84 1.16 0.00	31.64 1.39 0.00	31.88 1.49 0.00	30.29 1.47 0.00	27.54 1.26 0.00	25.37 1.21 0.00	24.76 1.04 0.00	23.62 1.02 -0.04
HUNTINGTON_RES_REC 323705	35.41 1.67 -8.01	31.66 1.41 -7.89	30.26 1.42 -6.98	27.77 1.42 -5.17	27.49 1.29 -6.95	26.09 1.37 -3.90	23.69 1.34 0.00	25.54 1.52 -1.75	25.91 1.58 0.00	27.10 1.79 -0.07	31.22 1.83 -4.97	33.15 1.93 -6.20	32.56 1.97 -5.60	33.69 1.99 -7.06	33.81 2.18 -6.83	34.24 2.34 -6.42	34.25 2.46 -4.11	36.16 2.66 -3.25	35.68 2.49 -2.79	35.10 2.39 -3.88	32.69 2.02 -4.39	31.15 1.76 -5.23	29.64 1.64 -4.29	27.41 1.71 -3.13
HUNTLEY___63 23557	23.52 -2.21 0.00	20.35 -2.01 0.00	19.89 -1.95 0.02	19.23 -1.93 0.02	17.57 -1.79 -0.12	18.91 -1.96 -0.05	20.25 -2.08 0.02	19.96 -2.29 0.02	21.76 -2.55 0.02	22.83 -2.40 0.02	22.05 -2.34 0.02	22.58 -2.43 0.02	22.35 -2.62 0.02	22.05 -2.56 0.02	22.17 -2.55 0.07	22.47 -2.78 0.23	24.44 -2.74 0.50	25.97 -3.18 1.10	26.47 -2.98 0.95	24.77 -3.20 0.85	23.72 -2.44 0.12	21.75 -2.39 0.02	21.54 -2.16 0.02	20.43 -2.12 0.02
HUNTLEY___64 23558	23.52 -2.21 0.00	20.35 -2.01 0.00	19.89 -1.95 0.02	19.23 -1.93 0.02	17.57 -1.79 -0.12	18.91 -1.96 -0.05	20.25 -2.08 0.02	19.96 -2.29 0.02	21.76 -2.55 0.02	22.83 -2.40 0.02	22.05 -2.34 0.02	22.58 -2.43 0.02	22.35 -2.62 0.02	22.05 -2.56 0.02	22.17 -2.55 0.07	22.47 -2.78 0.23	24.44 -2.74 0.50	25.97 -3.18 1.10	26.47 -2.98 0.95	24.77 -3.20 0.85	23.72 -2.44 0.12	21.75 -2.39 0.02	21.54 -2.16 0.02	20.43 -2.12 0.02
HUNTLEY___65 23559	23.52 -2.21 0.00	20.35 -2.01 0.00	19.89 -1.95 0.02	19.23 -1.93 0.02	17.57 -1.79 -0.12	18.91 -1.96 -0.05	20.25 -2.08 0.02	19.96 -2.29 0.02	21.76 -2.55 0.02	22.83 -2.40 0.02	22.05 -2.34 0.02	22.58 -2.43 0.02	22.35 -2.62 0.02	22.05 -2.56 0.02	22.17 -2.55 0.07	22.47 -2.78 0.23	24.44 -2.74 0.50	25.97 -3.18 1.10	26.47 -2.98 0.95	24.77 -3.20 0.85	23.72 -2.44 0.12	21.75 -2.39 0.02	21.54 -2.16 0.02	20.43 -2.12 0.02
HUNTLEY___66 23560	23.52 -2.21 0.00	20.35 -2.01 0.00	19.89 -1.95 0.02	19.23 -1.93 0.02	17.57 -1.79 -0.12	18.91 -1.96 -0.05	20.25 -2.08 0.02	19.96 -2.29 0.02	21.76 -2.55 0.02	22.83 -2.40 0.02	22.05 -2.34 0.02	22.58 -2.43 0.02	22.35 -2.62 0.02	22.05 -2.56 0.02	22.17 -2.55 0.07	22.47 -2.78 0.23	24.44 -2.74 0.50	25.97 -3.18 1.10	26.47 -2.98 0.95	24.77 -3.20 0.85	23.72 -2.44 0.12	21.75 -2.39 0.02	21.54 -2.16 0.02	20.43 -2.12 0.02



HUNTLEY___67 23561	23.44 -2.29 0.00	20.31 -2.06 0.00	19.83 -2.01 0.02	19.17 -1.99 0.02	17.52 -1.85 -0.12	18.86 -2.00 -0.05	20.21 -2.12 0.02	19.94 -2.32 0.02	21.71 -2.60 0.02	22.77 -2.45 0.02	22.01 -2.39 0.02	22.52 -2.48 0.02	22.30 -2.67 0.02	22.00 -2.61 0.02	22.12 -2.60 0.08	22.44 -2.80 0.23	24.39 -2.80 0.50	25.97 -3.18 1.11	26.43 -3.01 0.95	24.77 -3.20 0.86	23.67 -2.50 0.12	21.75 -2.39 0.02	21.49 -2.21 0.02	20.43 -2.12 0.02
HUNTLEY___68 23562	23.44 -2.29 0.00	20.31 -2.06 0.00	19.83 -2.01 0.02	19.17 -1.99 0.02	17.52 -1.85 -0.12	18.86 -2.00 -0.05	20.21 -2.12 0.02	19.94 -2.32 0.02	21.71 -2.60 0.02	22.77 -2.45 0.02	22.01 -2.39 0.02	22.52 -2.48 0.02	22.30 -2.67 0.02	22.00 -2.61 0.02	22.12 -2.60 0.08	22.44 -2.80 0.23	24.39 -2.80 0.50	25.97 -3.18 1.11	26.43 -3.01 0.95	24.77 -3.20 0.86	23.67 -2.50 0.12	21.75 -2.39 0.02	21.49 -2.21 0.02	20.43 -2.12 0.02
HYLAND___LFGE 323620	25.45 -0.28 0.00	21.98 -0.38 0.00	21.37 -0.46 0.02	20.65 -0.51 0.02	18.82 -0.48 -0.05	20.39 -0.44 -0.01	21.86 -0.47 0.02	21.96 -0.29 0.02	23.55 -0.75 0.02	24.43 -0.78 0.02	23.39 -1.00 0.02	23.67 -1.33 0.02	23.57 -1.40 0.02	23.15 -1.45 0.02	23.32 -1.39 0.08	23.83 -1.40 0.25	26.00 -1.16 0.51	28.06 -1.03 1.16	28.74 -0.67 0.99	27.15 -0.78 0.90	25.74 -0.42 0.12	23.53 -0.60 0.02	23.15 -0.54 0.02	21.71 -0.83 0.02
INDECK___CORINTH 23802	27.58 1.85 0.00	23.97 1.61 0.00	23.41 1.55 0.00	22.68 1.50 0.00	24.18 1.39 -3.54	24.00 1.52 -1.66	23.98 1.63 0.00	23.77 1.49 0.00	26.23 1.90 0.00	27.18 1.94 0.00	26.03 1.61 0.00	26.67 1.65 0.00	26.59 1.60 0.00	26.13 1.50 0.00	26.33 1.54 0.00	27.11 1.63 0.00	29.40 1.72 0.00	32.21 1.97 0.00	32.68 2.28 0.00	31.04 2.22 0.00	28.36 2.08 0.00	26.04 1.89 0.00	25.38 1.66 0.00	24.18 1.58 -0.04
INDECK___ILION 23567	25.73 0.00 0.00	22.36 0.00 0.00	21.86 0.00 0.00	21.18 0.00 0.00	19.25 0.00 0.00	20.82 0.00 0.00	22.37 0.02 0.00	22.30 0.02 0.00	24.36 0.02 0.00	25.24 0.00 0.00	24.42 0.00 0.00	25.02 0.00 0.00	24.99 0.00 0.00	24.63 0.00 0.00	24.79 0.00 0.00	25.48 0.00 0.00	27.68 0.00 0.00	30.25 0.00 0.00	30.39 0.00 0.00	28.82 0.00 0.00	26.28 0.00 0.00	24.16 0.00 0.00	23.72 0.00 0.00	22.56 0.00 0.00
INDECK___OLEAN 23982	23.85 -1.88 0.00	20.62 -1.74 0.00	20.10 -1.73 0.03	19.56 -1.59 0.03	17.87 -1.44 -0.07	19.21 -1.62 -0.02	20.71 -1.61 0.03	20.60 -1.65 0.03	22.89 -1.41 0.03	23.37 -1.84 0.03	22.63 -1.76 0.03	23.39 -1.60 0.03	23.47 -1.50 0.03	23.05 -1.55 0.03	22.85 -1.86 0.09	23.49 -1.73 0.25	25.08 -2.08 0.52	26.75 -2.33 1.17	26.91 -2.49 1.00	25.92 -1.99 0.91	24.03 -2.13 0.12	22.44 -1.69 0.03	21.79 -1.90 0.03	21.30 -1.24 0.02
INDECK___OSWEGO 23783	25.32 -0.41 0.00	21.98 -0.38 0.00	21.48 -0.37 0.00	20.80 -0.38 0.00	19.09 -0.35 -0.19	20.53 -0.37 -0.09	21.97 -0.38 0.00	21.87 -0.40 0.00	23.80 -0.54 0.00	24.74 -0.50 0.00	23.90 -0.51 0.00	24.47 -0.55 0.00	24.42 -0.57 0.00	24.04 -0.59 0.00	24.16 -0.69 -0.06	24.97 -0.71 -0.20	27.42 -0.75 -0.49	30.49 -0.79 -1.03	30.55 -0.76 -0.92	28.87 -0.75 -0.79	25.78 -0.63 -0.13	23.60 -0.55 0.00	23.29 -0.43 0.00	22.12 -0.45 0.00
INDECK___YERKES 23781	23.60 -2.14 0.00	20.40 -1.97 0.00	19.94 -1.90 0.02	19.28 -1.88 0.02	17.63 -1.73 -0.12	19.03 -1.83 -0.05	20.28 -2.06 0.02	20.36 -1.89 0.02	21.78 -2.53 0.02	22.85 -2.37 0.02	22.08 -2.32 0.02	22.43 -2.58 0.02	22.37 -2.60 0.02	22.05 -2.56 0.02	22.17 -2.55 0.07	22.47 -2.78 0.23	24.28 -2.91 0.50	26.00 -3.15 1.10	26.50 -2.95 0.95	24.77 -3.20 0.85	23.75 -2.42 0.12	21.77 -2.37 0.02	21.61 -2.09 0.02	20.31 -2.23 0.02
INDIAN POINT_GT_1 24139	26.89 1.16 0.00	23.28 0.92 0.00	22.75 0.90 0.00	22.07 0.89 0.00	22.65 0.77 -2.63	22.87 0.81 -1.24	23.24 0.89 0.00	23.23 0.96 0.00	25.43 1.09 0.00	26.38 1.14 0.00	25.61 1.20 0.00	26.25 1.23 0.00	26.31 1.32 0.00	27.41 1.33 -1.45	26.31 1.51 0.00	27.11 1.63 0.00	29.34 1.66 0.00	32.03 1.78 0.00	32.04 1.64 0.00	30.44 1.61 0.00	27.60 1.31 0.00	25.29 1.14 0.00	24.69 0.97 0.00	23.59 0.99 -0.03
INDIAN POINT_GT_2 23659	26.89 1.16 0.00	23.28 0.92 0.00	22.75 0.90 0.00	22.07 0.89 0.00	22.65 0.77 -2.63	22.87 0.81 -1.24	23.24 0.89 0.00	23.23 0.96 0.00	25.43 1.09 0.00	26.38 1.14 0.00	25.61 1.20 0.00	26.25 1.23 0.00	26.31 1.32 0.00	27.41 1.33 -1.45	26.31 1.51 0.00	27.11 1.63 0.00	29.34 1.66 0.00	32.03 1.78 0.00	32.04 1.64 0.00	30.44 1.61 0.00	27.60 1.31 0.00	25.29 1.14 0.00	24.69 0.97 0.00	23.59 0.99 -0.03
INDIAN POINT_GT_3 24019	26.89 1.16 0.00	23.28 0.92 0.00	22.75 0.90 0.00	22.07 0.89 0.00	22.65 0.77 -2.63	22.87 0.81 -1.24	23.24 0.89 0.00	23.23 0.96 0.00	25.43 1.09 0.00	26.38 1.14 0.00	25.61 1.20 0.00	26.25 1.23 0.00	26.31 1.32 0.00	27.41 1.33 -1.45	26.31 1.51 0.00	27.11 1.63 0.00	29.34 1.66 0.00	32.03 1.78 0.00	32.04 1.64 0.00	30.44 1.61 0.00	27.60 1.31 0.00	25.29 1.14 0.00	24.69 0.97 0.00	23.59 0.99 -0.03
INDIAN POINT___2 23530	26.73 1.00 0.00	23.21 0.85 0.00	22.60 0.74 0.00	21.94 0.76 0.00	22.48 0.69 -2.54	22.72 0.71 -1.19	23.08 0.74 0.00	23.05 0.78 0.00	25.33 1.00 0.00	26.28 1.04 0.00	25.52 1.10 0.00	26.17 1.15 0.00	26.19 1.20 0.00	25.38 1.21 0.45	26.18 1.39 0.00	27.01 1.53 0.00	29.29 1.60 0.00	31.94 1.69 0.00	31.91 1.52 0.00	30.32 1.50 0.00	27.49 1.21 0.00	25.20 1.04 0.00	24.57 0.85 0.00	23.54 0.95 -0.03
INDIAN POINT___3 23531	26.86 1.13 0.00	23.26 0.89 0.00	22.77 0.92 0.00	22.09 0.91 0.00	22.69 0.79 -2.66	22.92 0.85 -1.25	23.26 0.92 0.00	23.26 0.98 0.00	25.48 1.14 0.00	26.40 1.16 0.00	25.66 1.25 0.00	26.27 1.25 0.00	26.34 1.35 0.00	26.17 1.35 -0.19	26.33 1.54 0.00	27.13 1.66 0.00	29.37 1.69 0.00	32.06 1.81 0.00	32.07 1.67 0.00	30.47 1.64 0.00	27.62 1.34 0.00	25.32 1.16 0.00	24.74 1.02 0.00	23.63 1.04 -0.03
INGHAM_C_115KV_TB7 356103	25.45 -0.28 0.00	22.10 -0.27 0.00	21.59 -0.26 0.00	20.92 -0.25 0.00	19.02 -0.23 0.00	20.57 -0.25 0.00	22.10 -0.25 0.00	22.03 -0.25 0.00	24.06 -0.27 0.00	24.91 -0.33 0.00	24.10 -0.32 0.00	24.67 -0.35 0.00	24.64 -0.35 0.00	24.28 -0.34 0.00	24.45 -0.35 0.00	25.15 -0.33 0.00	27.32 -0.36 0.00	29.86 -0.39 0.00	30.00 -0.40 0.00	28.48 -0.35 0.00	25.97 -0.32 0.00	23.87 -0.29 0.00	23.41 -0.31 0.00	22.27 -0.29 0.00
IP CORINTH___1 23988	27.64 1.90 0.00	24.00 1.63 0.00	23.43 1.57 0.00	22.70 1.52 0.00	24.17 1.39 -3.54	24.00 1.52 -1.66	24.00 1.65 0.00	23.81 1.54 0.00	26.23 1.90 0.00	27.18 1.94 0.00	26.03 1.61 0.00	26.67 1.65 0.00	26.59 1.60 0.00	26.13 1.50 0.00	26.36 1.56 0.00	27.11 1.63 0.00	29.40 1.72 0.00	32.22 1.97 0.00	32.67 2.28 0.00	31.07 2.25 0.00	28.36 2.08 0.00	26.04 1.88 0.00	25.40 1.68 0.00	24.16 1.56 -0.04



IP__TICONDEROGA 23804	28.84 3.11 0.00	25.07 2.71 0.00	24.39 2.54 0.00	23.61 2.44 0.00	25.00 2.21 -3.54	24.94 2.46 -1.66	25.03 2.68 0.00	24.75 2.47 0.00	27.42 3.09 0.00	28.47 3.23 0.00	27.25 2.83 0.00	27.87 2.85 0.00	27.74 2.75 0.00	27.24 2.61 0.00	27.42 2.63 0.00	28.23 2.75 0.00	30.59 2.91 0.00	33.58 3.33 0.00	34.13 3.74 0.00	32.46 3.63 0.00	29.59 3.31 0.00	27.13 2.97 0.00	26.37 2.66 0.00	25.04 2.44 -0.04
ISLIP_RES_REC 323679	35.67 1.93 -8.01	31.86 1.61 -7.89	30.50 1.66 -6.98	27.98 1.63 -5.17	27.68 1.48 -6.95	26.30 1.58 -3.90	23.91 1.56 0.00	25.76 1.74 -1.75	26.01 1.68 0.00	27.25 1.94 -0.07	31.34 1.95 -4.97	33.28 2.05 -6.20	32.69 2.10 -5.60	33.83 2.14 -7.06	33.96 2.33 -6.83	34.40 2.50 -6.42	34.42 2.63 -4.11	36.34 2.84 -3.25	35.86 2.68 -2.79	35.27 2.56 -3.88	32.85 2.18 -4.39	31.27 1.89 -5.23	29.88 1.87 -4.29	27.64 1.94 -3.13
JAMAICA__27_KV_LOAD 355505	27.25 1.52 0.00	23.50 1.14 0.00	23.04 1.18 0.00	22.34 1.16 0.00	22.98 1.02 -2.71	23.20 1.10 -1.28	23.60 1.25 0.00	23.63 1.36 0.00	25.94 1.61 0.00	26.91 1.67 0.00	26.17 1.76 0.00	26.80 1.78 0.00	26.89 1.90 0.00	26.70 1.90 -0.18	26.88 2.08 0.00	27.72 2.24 0.00	29.98 2.30 0.00	32.70 2.45 0.00	32.67 2.28 0.00	31.04 2.22 0.00	28.09 1.81 0.00	25.73 1.57 0.00	25.09 1.38 0.00	23.97 1.38 -0.03
JANIS__SOLAR 323808	26.58 0.85 0.00	23.01 0.65 0.00	22.53 0.61 -0.06	21.81 0.57 -0.06	21.40 0.50 -1.65	22.20 0.58 -0.81	23.17 0.76 -0.06	23.18 0.85 -0.06	25.22 0.83 -0.06	26.18 0.88 -0.06	25.23 0.76 -0.06	25.85 0.78 -0.06	25.72 0.67 -0.06	25.20 0.52 -0.06	25.36 0.45 -0.12	26.28 0.54 -0.27	28.82 0.69 -0.45	32.22 0.85 -1.12	32.20 0.91 -0.89	30.65 0.95 -0.88	27.28 0.92 -0.07	24.99 0.77 -0.06	24.49 0.71 -0.06	23.18 0.54 -0.08
JARVIS____ 23743	25.83 0.10 0.00	22.43 0.07 0.00	21.94 0.09 0.00	21.26 0.09 0.00	19.32 0.08 0.00	20.90 0.08 0.00	22.44 0.09 0.00	22.36 0.09 0.00	24.45 0.12 0.00	25.37 0.13 0.00	24.54 0.12 0.00	25.14 0.13 0.00	25.12 0.13 0.00	24.75 0.12 0.00	24.92 0.12 0.00	25.61 0.13 0.00	27.79 0.11 0.00	30.37 0.12 0.00	30.52 0.12 0.00	28.94 0.12 0.00	26.39 0.11 0.00	24.25 0.10 0.00	23.81 0.10 0.00	22.65 0.09 0.00
JENNISON__1 23625	26.76 1.03 0.00	23.19 0.83 0.00	22.64 0.76 -0.01	21.93 0.74 -0.01	20.99 0.65 -1.09	22.07 0.73 -0.52	23.28 0.92 -0.01	23.29 1.00 -0.01	25.42 1.07 -0.01	26.39 1.14 -0.01	25.50 1.07 -0.01	26.18 1.15 -0.01	26.05 1.05 -0.01	25.55 0.91 -0.01	25.66 0.84 -0.02	26.46 0.94 -0.04	28.75 1.02 -0.05	31.55 1.15 -0.15	31.65 1.15 -0.10	30.15 1.21 -0.12	27.39 1.10 0.00	25.14 0.97 -0.01	24.56 0.83 -0.01	23.29 0.70 -0.03
JENNISON__2 23626	26.76 1.03 0.00	23.19 0.83 0.00	22.64 0.76 -0.01	21.93 0.74 -0.01	20.99 0.65 -1.09	22.07 0.73 -0.52	23.28 0.92 -0.01	23.29 1.00 -0.01	25.42 1.07 -0.01	26.39 1.14 -0.01	25.50 1.07 -0.01	26.18 1.15 -0.01	26.05 1.05 -0.01	25.55 0.91 -0.01	25.66 0.84 -0.02	26.46 0.94 -0.04	28.75 1.02 -0.05	31.55 1.15 -0.15	31.65 1.15 -0.10	30.15 1.21 -0.12	27.39 1.10 0.00	25.14 0.97 -0.01	24.56 0.83 -0.01	23.29 0.70 -0.03
JERICHO_RISE_WT_PWR 323719	25.24 -0.49 0.00	22.03 -0.33 0.00	21.51 -0.35 0.00	20.82 -0.36 0.00	18.82 -0.42 0.00	20.40 -0.42 0.00	21.97 -0.38 0.00	21.76 -0.51 0.00	23.82 -0.51 0.00	24.68 -0.56 0.00	23.95 -0.46 0.00	24.62 -0.40 0.00	24.46 -0.53 0.00	24.18 -0.44 0.00	24.27 -0.52 0.00	24.79 -0.69 0.00	27.04 -0.64 0.00	29.61 -0.64 0.00	30.21 -0.18 0.00	28.62 -0.20 0.00	26.15 -0.13 0.00	23.94 -0.22 0.00	23.41 -0.31 0.00	22.18 -0.38 0.00
KATONAH__115KV_46KV_TB4 355592	27.07 1.34 0.00	23.44 1.07 0.00	22.97 1.11 0.00	22.28 1.10 0.00	22.93 0.94 -2.74	23.15 1.04 -1.29	23.44 1.10 0.00	23.46 1.18 0.00	25.69 1.36 0.00	26.65 1.41 0.00	25.93 1.51 0.00	26.57 1.55 0.00	26.64 1.65 0.00	26.39 1.65 -0.12	26.63 1.83 0.00	27.41 1.94 0.00	29.65 1.97 0.00	32.37 2.12 0.00	32.37 1.98 0.00	30.75 1.93 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.90 1.19 0.00	23.79 1.20 -0.03
KCE_NY_1 323755	27.25 1.52 0.00	23.71 1.34 0.00	23.17 1.31 0.00	22.45 1.27 0.00	23.95 1.17 -3.53	23.75 1.27 -1.66	23.71 1.36 0.00	23.52 1.25 0.00	25.89 1.56 0.00	26.81 1.57 0.00	25.83 1.42 0.00	26.47 1.45 0.00	26.46 1.47 0.00	26.05 1.43 0.00	26.28 1.49 0.00	27.06 1.58 0.00	29.34 1.66 0.00	32.13 1.88 0.00	32.37 1.97 0.00	30.75 1.93 0.00	27.99 1.71 0.00	25.73 1.57 0.00	25.12 1.40 0.00	23.96 1.35 -0.04
KCE_NY_6_ESR 323823	23.77 -1.96 0.00	20.53 -1.83 0.00	20.07 -1.77 0.02	19.42 -1.74 0.02	17.76 -1.60 -0.11	19.15 -1.71 -0.04	20.47 -1.85 0.02	20.50 -1.76 0.02	22.15 -2.17 0.02	23.08 -2.15 0.02	22.30 -2.10 0.02	22.75 -2.25 0.02	22.72 -2.25 0.02	22.39 -2.22 0.02	22.41 -2.31 0.08	22.80 -2.45 0.23	24.55 -2.63 0.50	26.29 -2.84 1.11	26.71 -2.74 0.95	25.17 -2.80 0.86	23.93 -2.23 0.12	22.04 -2.10 0.02	21.75 -1.94 0.02	20.65 -1.90 0.02
KEDC_PORT_JEFF_GT2 24210	35.51 1.77 -8.01	31.75 1.50 -7.89	30.37 1.53 -6.98	27.88 1.53 -5.17	27.58 1.39 -6.95	26.19 1.48 -3.90	23.80 1.45 0.00	25.65 1.63 -1.75	25.89 1.56 0.00	27.10 1.79 -0.07	31.20 1.81 -4.97	33.12 1.90 -6.20	32.54 1.95 -5.60	33.69 1.99 -7.06	33.81 2.18 -6.83	34.24 2.34 -6.42	34.25 2.46 -4.11	36.13 2.63 -3.25	35.65 2.46 -2.79	35.07 2.36 -3.88	32.69 2.02 -4.39	31.12 1.74 -5.23	29.76 1.76 -4.29	27.52 1.83 -3.13
KEDC_PORT_JEFF_GT3 24211	35.51 1.77 -8.01	31.75 1.50 -7.89	30.37 1.53 -6.98	27.88 1.53 -5.17	27.58 1.39 -6.95	26.19 1.48 -3.90	23.80 1.45 0.00	25.65 1.63 -1.75	25.89 1.56 0.00	27.10 1.79 -0.07	31.20 1.81 -4.97	33.12 1.90 -6.20	32.54 1.95 -5.60	33.69 1.99 -7.06	33.81 2.18 -6.83	34.24 2.34 -6.42	34.25 2.46 -4.11	36.13 2.63 -3.25	35.65 2.46 -2.79	35.07 2.36 -3.88	32.69 2.02 -4.39	31.12 1.74 -5.23	29.76 1.76 -4.29	27.52 1.83 -3.13
KEDC_GLWD_GT4 24219	35.39 1.65 -8.01	31.64 1.39 -7.89	30.24 1.40 -6.98	27.77 1.42 -5.17	27.47 1.27 -6.95	26.05 1.33 -3.90	23.69 1.34 0.00	25.49 1.47 -1.75	26.01 1.68 0.00	27.18 1.87 -0.07	31.34 1.95 -4.97	33.28 2.05 -6.20	32.71 2.12 -5.60	33.81 2.12 -7.06	33.91 2.28 -6.83	34.32 2.42 -6.42	34.31 2.52 -4.11	36.19 2.69 -3.25	35.71 2.52 -2.79	35.15 2.45 -3.88	32.72 2.05 -4.39	31.20 1.81 -5.23	29.60 1.59 -4.29	27.34 1.65 -3.13
KEDC_GLWD_GT5 24220	35.39 1.65 -8.01	31.64 1.39 -7.89	30.24 1.40 -6.98	27.77 1.42 -5.17	27.47 1.27 -6.95	26.05 1.33 -3.90	23.69 1.34 0.00	25.49 1.47 -1.75	26.01 1.68 0.00	27.18 1.87 -0.07	31.34 1.95 -4.97	33.28 2.05 -6.20	32.71 2.12 -5.60	33.81 2.12 -7.06	33.91 2.28 -6.83	34.32 2.42 -6.42	34.31 2.52 -4.11	36.19 2.69 -3.25	35.71 2.52 -2.79	35.15 2.45 -3.88	32.72 2.05 -4.39	31.20 1.81 -5.23	29.60 1.59 -4.29	27.34 1.65 -3.13



KENSICO____ 23655	26.97 1.24 0.00	23.35 0.98 0.00	22.91 1.05 0.00	22.21 1.04 0.00	22.86 0.90 -2.71	23.05 0.96 -1.27	23.40 1.05 0.00	23.39 1.11 0.00	25.62 1.29 0.00	26.58 1.34 0.00	25.83 1.42 0.00	26.45 1.43 0.00	26.51 1.52 0.00	26.34 1.53 -0.19	26.51 1.71 0.00	27.31 1.83 0.00	29.53 1.85 0.00	32.25 2.00 0.00	32.25 1.85 0.00	30.64 1.82 0.00	27.78 1.50 0.00	25.46 1.30 0.00	24.88 1.16 0.00	23.77 1.17 -0.03
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.94 1.21 0.00	23.30 0.94 0.00	22.77 0.92 0.00	22.09 0.91 0.00	22.57 0.77 -2.55	22.85 0.83 -1.20	23.26 0.92 0.00	23.17 0.89 0.00	25.40 1.07 0.00	26.33 1.09 0.00	25.56 1.15 0.00	26.15 1.13 0.00	26.21 1.22 0.00	25.78 1.16 0.00	26.18 1.39 0.00	27.03 1.55 0.00	29.31 1.63 0.00	32.06 1.81 0.00	32.10 1.70 0.00	30.50 1.67 0.00	27.62 1.34 0.00	25.34 1.18 0.00	24.71 1.00 0.00	23.61 1.02 -0.03
KIAC_JFK_GT1 23816	27.09 1.36 0.00	23.39 1.03 0.00	22.93 1.07 0.00	22.24 1.06 0.00	22.89 0.92 -2.71	23.07 0.98 -1.28	23.47 1.12 0.00	23.52 1.25 0.00	25.82 1.48 0.00	26.75 1.51 0.00	26.03 1.61 0.00	26.67 1.65 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.93 0.00	27.59 2.11 0.00	29.81 2.13 0.00	32.52 2.27 0.00	32.49 2.10 0.00	30.90 2.08 0.00	27.96 1.68 0.00	25.58 1.43 0.00	24.95 1.23 0.00	23.84 1.24 -0.03
KIAC_JFK_GT2 23817	27.09 1.36 0.00	23.39 1.03 0.00	22.93 1.07 0.00	22.24 1.06 0.00	22.89 0.92 -2.71	23.07 0.98 -1.28	23.47 1.12 0.00	23.52 1.25 0.00	25.82 1.48 0.00	26.75 1.51 0.00	26.03 1.61 0.00	26.67 1.65 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.93 0.00	27.59 2.11 0.00	29.81 2.13 0.00	32.52 2.27 0.00	32.49 2.10 0.00	30.90 2.08 0.00	27.96 1.68 0.00	25.58 1.43 0.00	24.95 1.23 0.00	23.84 1.24 -0.03
KIAC_JFK____ 323774	26.94 1.21 0.00	23.35 0.98 0.00	22.84 0.98 0.00	22.19 1.02 0.00	22.87 0.90 -2.71	23.05 0.96 -1.28	23.42 1.07 0.00	23.43 1.16 0.00	25.82 1.48 0.00	26.75 1.51 0.00	26.03 1.61 0.00	26.72 1.70 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.94 0.00	27.59 2.11 0.00	29.84 2.16 0.00	32.52 2.27 0.00	32.49 2.10 0.00	30.87 2.05 0.00	27.96 1.68 0.00	25.58 1.42 0.00	24.93 1.21 0.00	23.90 1.31 -0.03
KINTIGH____ 23543	23.70 -2.03 0.00	20.55 -1.81 0.00	20.07 -1.77 0.01	19.36 -1.80 0.01	17.68 -1.69 -0.12	19.04 -1.83 -0.05	20.39 -1.94 0.01	20.01 -2.25 0.01	21.81 -2.51 0.01	23.03 -2.20 0.01	22.20 -2.20 0.01	22.73 -2.28 0.01	22.40 -2.57 0.01	22.10 -2.51 0.01	22.32 -2.41 0.07	22.60 -2.65 0.23	24.77 -2.41 0.50	26.34 -2.81 1.10	26.86 -2.58 0.95	24.95 -3.03 0.85	24.00 -2.16 0.12	21.95 -2.20 0.01	21.74 -1.97 0.01	20.54 -2.01 0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	25.60 -0.13 0.00	22.36 0.00 0.00	21.81 -0.04 0.00	21.11 -0.06 0.00	19.19 -0.06 0.00	20.80 -0.02 0.00	22.30 -0.04 0.00	22.01 -0.27 0.00	24.09 -0.24 0.00	24.94 -0.30 0.00	24.20 -0.22 0.00	24.89 -0.13 0.00	24.69 -0.30 0.00	24.43 -0.20 0.00	24.50 -0.30 0.00	25.05 -0.43 0.00	27.35 -0.33 0.00	29.95 -0.30 0.00	30.67 0.27 0.00	29.05 0.23 0.00	26.54 0.26 0.00	24.30 0.14 0.00	23.74 0.02 0.00	22.50 -0.07 0.00
LACHUTE__HYDRO 323717	28.79 3.06 0.00	25.05 2.68 0.00	24.35 2.49 0.00	23.59 2.41 0.00	25.00 2.21 -3.54	24.91 2.43 -1.66	24.98 2.64 0.00	24.70 2.43 0.00	27.42 3.09 0.00	28.47 3.23 0.00	27.25 2.83 0.00	27.87 2.85 0.00	27.76 2.77 0.00	27.24 2.61 0.00	27.42 2.63 0.00	28.23 2.75 0.00	30.59 2.91 0.00	33.58 3.33 0.00	34.13 3.74 0.00	32.46 3.63 0.00	29.59 3.31 0.00	27.13 2.97 0.00	26.35 2.63 0.00	25.06 2.46 -0.04
LAWRNCV_115KV_TB1 80681	24.93 -0.80 0.00	21.76 -0.60 0.00	21.18 -0.68 0.00	20.50 -0.68 0.00	18.75 -0.50 0.00	20.21 -0.60 0.00	21.63 -0.72 0.00	21.56 -0.71 0.00	23.58 -0.75 0.00	24.51 -0.73 0.00	23.71 -0.71 0.00	24.34 -0.68 0.00	24.24 -0.75 0.00	23.89 -0.74 0.00	23.98 -0.82 0.00	24.54 -0.94 0.00	26.68 -1.00 0.00	29.19 -1.06 0.00	29.45 -0.94 0.00	27.87 -0.95 0.00	25.41 -0.87 0.00	23.34 -0.82 0.00	22.84 -0.88 0.00	21.73 -0.83 0.00
LEDERLE____ 23769	26.91 1.18 0.00	23.30 0.94 0.00	22.77 0.92 0.00	22.09 0.91 0.00	22.58 0.79 -2.54	22.86 0.85 -1.19	23.26 0.92 0.00	23.26 0.98 0.00	25.48 1.14 0.00	26.40 1.16 0.00	25.66 1.25 0.00	26.27 1.25 0.00	26.34 1.35 0.00	25.72 1.33 0.24	26.33 1.54 0.00	27.13 1.66 0.00	29.42 1.74 0.00	32.13 1.88 0.00	32.10 1.70 0.00	30.50 1.67 0.00	27.65 1.37 0.00	25.34 1.18 0.00	24.74 1.02 0.00	23.63 1.04 -0.03
LIGHTHSE_115KV_TB6 355974	25.37 -0.36 0.00	22.03 -0.34 0.00	21.51 -0.35 0.00	20.82 -0.36 0.00	19.09 -0.33 -0.17	20.52 -0.37 -0.08	22.01 -0.34 0.00	21.92 -0.36 0.00	23.92 -0.41 0.00	24.89 -0.35 0.00	24.03 -0.39 0.00	24.64 -0.38 0.00	24.49 -0.50 0.00	24.09 -0.54 0.00	24.21 -0.60 -0.02	24.85 -0.69 -0.06	27.12 -0.69 -0.14	29.84 -0.70 -0.29	30.01 -0.64 -0.25	28.38 -0.66 -0.22	25.82 -0.50 -0.04	23.67 -0.48 0.00	23.39 -0.33 0.00	22.20 -0.36 0.00
LINDEN COGEN____ 23786	26.81 1.08 0.00	23.28 0.92 0.00	22.80 0.94 0.00	22.13 0.95 0.00	22.83 0.87 -2.71	22.97 0.87 -1.28	23.31 0.96 0.00	23.30 1.03 0.00	25.64 1.31 0.00	26.60 1.36 0.00	25.88 1.46 0.00	26.55 1.53 0.00	26.59 1.60 0.00	26.40 1.60 -0.18	26.58 1.79 0.00	27.39 1.91 0.00	29.59 1.91 0.00	32.25 2.00 0.00	32.22 1.82 0.00	30.61 1.79 0.00	27.75 1.47 0.00	25.46 1.30 0.00	24.81 1.09 0.00	23.81 1.22 -0.03
LINDHRST_69_KV_BK1 356055	35.72 1.98 -8.01	31.88 1.63 -7.89	30.50 1.66 -6.98	27.98 1.63 -5.17	27.64 1.44 -6.95	26.28 1.56 -3.90	23.98 1.63 0.00	25.78 1.76 -1.75	26.13 1.80 0.00	27.33 2.02 -0.07	31.44 2.05 -4.97	33.33 2.10 -6.20	32.79 2.20 -5.60	33.91 2.22 -7.06	34.03 2.41 -6.83	34.47 2.57 -6.42	34.47 2.68 -4.11	36.41 2.90 -3.25	35.92 2.74 -2.79	35.36 2.65 -3.88	32.93 2.26 -4.39	31.37 1.98 -5.23	29.86 1.85 -4.29	27.53 1.83 -3.13
LIPA_MISC_IPP 23656	35.57 1.83 -8.01	31.73 1.48 -7.89	30.39 1.55 -6.98	27.85 1.50 -5.17	27.53 1.33 -6.95	26.19 1.48 -3.90	23.87 1.52 0.00	25.69 1.67 -1.75	25.72 1.39 0.00	26.93 1.62 -0.07	31.02 1.64 -4.97	32.90 1.68 -6.20	32.36 1.77 -5.60	33.51 1.82 -7.06	33.64 2.01 -6.83	34.04 2.14 -6.42	34.00 2.21 -4.11	35.92 2.42 -3.25	35.41 2.22 -2.79	34.87 2.16 -3.88	32.48 1.81 -4.39	30.95 1.57 -5.23	29.71 1.71 -4.29	27.44 1.74 -3.13
LISF__SOLAR 323691	35.49 1.75 -8.01	31.73 1.48 -7.89	30.37 1.53 -6.98	27.85 1.50 -5.17	27.54 1.35 -6.95	26.19 1.48 -3.90	23.78 1.43 0.00	25.65 1.63 -1.75	25.74 1.41 0.00	26.95 1.64 -0.07	31.05 1.66 -4.97	32.97 1.75 -6.20	32.39 1.80 -5.60	33.54 1.85 -7.06	33.68 2.06 -6.83	34.09 2.19 -6.42	34.09 2.30 -4.11	35.98 2.48 -3.25	35.50 2.31 -2.79	34.92 2.22 -3.88	32.54 1.87 -4.39	30.98 1.59 -5.23	29.74 1.73 -4.29	27.50 1.81 -3.13



LITTLE FALLS___HYD 24013	25.45 -0.28 0.00	22.10 -0.27 0.00	21.59 -0.26 0.00	20.92 -0.25 0.00	19.02 -0.23 0.00	20.57 -0.25 0.00	22.10 -0.25 0.00	22.03 -0.25 0.00	24.06 -0.27 0.00	24.91 -0.33 0.00	24.10 -0.32 0.00	24.67 -0.35 0.00	24.64 -0.35 0.00	24.28 -0.34 0.00	24.45 -0.35 0.00	25.15 -0.33 0.00	27.32 -0.36 0.00	29.86 -0.39 0.00	30.00 -0.40 0.00	28.48 -0.35 0.00	25.97 -0.32 0.00	23.87 -0.29 0.00	23.41 -0.31 0.00	22.27 -0.29 0.00
LITTLRIV_115KV_TB1 356100	25.14 -0.59 0.00	21.92 -0.45 0.00	21.35 -0.50 0.00	20.65 -0.53 0.00	18.88 -0.37 0.00	20.36 -0.46 0.00	21.81 -0.54 0.00	21.74 -0.53 0.00	23.77 -0.56 0.00	24.68 -0.56 0.00	23.90 -0.51 0.00	24.52 -0.50 0.00	24.39 -0.60 0.00	24.04 -0.59 0.00	24.13 -0.67 0.00	24.69 -0.79 0.00	26.85 -0.83 0.00	29.37 -0.88 0.00	29.63 -0.76 0.00	28.07 -0.75 0.00	25.60 -0.68 0.00	23.50 -0.65 0.00	22.98 -0.74 0.00	21.84 -0.72 0.00
LI_NEWBRDGE___DRP 323616	35.26 1.52 -8.01	31.48 1.23 -7.89	30.13 1.29 -6.98	27.62 1.27 -5.17	27.31 1.12 -6.95	25.92 1.21 -3.90	23.62 1.27 0.00	25.40 1.38 -1.75	25.79 1.46 0.00	26.93 1.62 -0.07	31.05 1.66 -4.97	32.90 1.68 -6.20	32.39 1.80 -5.60	33.49 1.80 -7.06	33.61 1.98 -6.83	34.01 2.11 -6.42	33.95 2.16 -4.11	35.86 2.36 -3.25	35.38 2.19 -2.79	34.84 2.13 -3.88	32.46 1.79 -4.39	30.95 1.57 -5.23	29.43 1.42 -4.29	27.12 1.42 -3.13
LOCKPORT_115KV_TB60_63_64 80432	23.34 -2.39 0.00	20.24 -2.12 0.00	19.79 -2.05 0.02	19.13 -2.03 0.02	17.46 -1.91 -0.12	18.78 -2.08 -0.05	20.10 -2.23 0.02	19.79 -2.47 0.02	21.54 -2.77 0.02	22.65 -2.57 0.02	21.89 -2.51 0.02	22.40 -2.60 0.02	22.13 -2.85 0.02	21.83 -2.78 0.02	21.97 -2.75 0.07	22.27 -2.98 0.23	24.25 -2.93 0.49	25.80 -3.36 1.09	26.32 -3.13 0.94	24.55 -3.43 0.84	23.56 -2.60 0.12	21.61 -2.54 0.02	21.38 -2.32 0.02	20.27 -2.28 0.01
LOCKPORT___CC1 323769	23.42 -2.32 0.00	20.24 -2.13 0.00	19.81 -2.03 0.02	19.15 -2.01 0.02	17.52 -1.85 -0.12	18.91 -1.96 -0.05	20.12 -2.21 0.02	20.19 -2.07 0.02	21.54 -2.77 0.02	22.65 -2.57 0.02	21.89 -2.51 0.02	22.20 -2.80 0.02	22.12 -2.85 0.02	21.83 -2.78 0.02	21.97 -2.75 0.07	22.24 -3.01 0.23	24.09 -3.10 0.49	25.80 -3.36 1.09	26.32 -3.13 0.94	24.58 -3.40 0.85	23.59 -2.57 0.12	21.61 -2.54 0.02	21.45 -2.25 0.02	20.11 -2.44 0.01
LOCKPORT___CC2 323770	23.42 -2.32 0.00	20.24 -2.13 0.00	19.81 -2.03 0.02	19.15 -2.01 0.02	17.52 -1.85 -0.12	18.91 -1.96 -0.05	20.12 -2.21 0.02	20.19 -2.07 0.02	21.54 -2.77 0.02	22.65 -2.57 0.02	21.89 -2.51 0.02	22.20 -2.80 0.02	22.12 -2.85 0.02	21.83 -2.78 0.02	21.97 -2.75 0.07	22.24 -3.01 0.23	24.09 -3.10 0.49	25.80 -3.36 1.09	26.32 -3.13 0.94	24.58 -3.40 0.85	23.59 -2.57 0.12	21.61 -2.54 0.02	21.45 -2.25 0.02	20.11 -2.44 0.01
LOCKPORT___CC3 323771	23.42 -2.32 0.00	20.24 -2.13 0.00	19.81 -2.03 0.02	19.15 -2.01 0.02	17.52 -1.85 -0.12	18.91 -1.96 -0.05	20.12 -2.21 0.02	20.19 -2.07 0.02	21.54 -2.77 0.02	22.65 -2.57 0.02	21.89 -2.51 0.02	22.20 -2.80 0.02	22.12 -2.85 0.02	21.83 -2.78 0.02	21.97 -2.75 0.07	22.24 -3.01 0.23	24.09 -3.10 0.49	25.80 -3.36 1.09	26.32 -3.13 0.94	24.58 -3.40 0.85	23.59 -2.57 0.12	21.61 -2.54 0.02	21.45 -2.25 0.02	20.11 -2.44 0.01
LONG_LAKE_PHOENIX 24014	25.40 -0.33 0.00	22.05 -0.31 0.00	21.53 -0.33 0.00	20.86 -0.32 0.00	19.13 -0.31 -0.19	20.57 -0.33 -0.09	22.04 -0.31 0.00	21.94 -0.33 0.00	23.92 -0.41 0.00	24.89 -0.35 0.00	24.03 -0.39 0.00	24.62 -0.40 0.00	24.54 -0.45 0.00	24.13 -0.49 0.00	24.26 -0.57 -0.03	24.98 -0.61 -0.11	27.37 -0.58 -0.27	30.19 -0.64 -0.58	30.30 -0.61 -0.51	28.66 -0.61 -0.45	25.85 -0.50 -0.07	23.72 -0.43 0.00	23.41 -0.31 0.00	22.25 -0.32 0.00
LOVETT___3 23632	26.81 1.08 0.00	23.21 0.85 0.00	22.71 0.85 0.00	22.02 0.85 0.00	22.53 0.73 -2.55	22.79 0.77 -1.20	23.20 0.85 0.00	23.19 0.91 0.00	25.38 1.05 0.00	26.33 1.09 0.00	25.56 1.15 0.00	26.17 1.15 0.00	26.24 1.25 0.00	25.65 1.26 0.23	26.26 1.46 0.00	27.06 1.58 0.00	29.29 1.61 0.00	32.00 1.75 0.00	31.98 1.58 0.00	30.38 1.56 0.00	27.54 1.26 0.00	25.24 1.09 0.00	24.64 0.93 0.00	23.54 0.95 -0.03
LOVETT___4 23642	26.81 1.08 0.00	23.21 0.85 0.00	22.71 0.85 0.00	22.02 0.85 0.00	22.53 0.73 -2.55	22.79 0.77 -1.20	23.20 0.85 0.00	23.19 0.91 0.00	25.38 1.05 0.00	26.33 1.09 0.00	25.56 1.15 0.00	26.17 1.15 0.00	26.24 1.25 0.00	25.65 1.26 0.23	26.26 1.46 0.00	27.06 1.58 0.00	29.29 1.61 0.00	32.00 1.75 0.00	31.98 1.58 0.00	30.38 1.56 0.00	27.54 1.26 0.00	25.24 1.09 0.00	24.64 0.93 0.00	23.54 0.95 -0.03
LOVETT___5 23593	26.81 1.08 0.00	23.21 0.85 0.00	22.71 0.85 0.00	22.02 0.85 0.00	22.53 0.73 -2.55	22.79 0.77 -1.20	23.20 0.85 0.00	23.19 0.91 0.00	25.38 1.05 0.00	26.33 1.09 0.00	25.56 1.15 0.00	26.17 1.15 0.00	26.24 1.25 0.00	25.65 1.26 0.23	26.26 1.46 0.00	27.06 1.58 0.00	29.29 1.61 0.00	32.00 1.75 0.00	31.98 1.58 0.00	30.38 1.56 0.00	27.54 1.26 0.00	25.24 1.09 0.00	24.64 0.93 0.00	23.54 0.95 -0.03
LOWER RAQUET___HYD 24057	24.75 -0.98 0.00	21.56 -0.80 0.00	21.03 -0.83 0.00	20.33 -0.85 0.00	18.52 -0.73 0.00	19.96 -0.85 0.00	21.48 -0.87 0.00	21.38 -0.89 0.00	23.41 -0.92 0.00	24.33 -0.91 0.00	23.56 -0.86 0.00	24.19 -0.83 0.00	24.07 -0.92 0.00	23.74 -0.89 0.00	23.80 -0.99 0.00	24.33 -1.15 0.00	26.46 -1.22 0.00	28.98 -1.27 0.00	29.24 -1.15 0.00	27.67 -1.15 0.00	25.20 -1.08 0.00	23.14 -1.01 0.00	22.65 -1.07 0.00	21.55 -1.01 0.00
LOWER___HUDSON 24059	26.84 1.11 0.00	23.35 0.98 0.00	22.86 1.01 0.00	22.17 1.00 0.00	23.64 0.92 -3.47	23.43 0.98 -1.63	23.38 1.03 0.00	23.25 0.98 0.00	25.55 1.22 0.00	26.43 1.19 0.00	25.49 1.07 0.00	26.15 1.13 0.00	26.16 1.17 0.00	25.85 1.18 -0.04	26.06 1.26 0.00	26.80 1.32 0.00	29.09 1.41 0.00	31.79 1.54 0.00	31.94 1.55 0.00	30.32 1.50 0.00	27.59 1.31 0.00	25.36 1.21 0.00	24.81 1.09 0.00	23.69 1.08 -0.04
LOWVILLE_115KV_TB2 356335	25.45 -0.28 0.00	22.12 -0.25 0.00	21.55 -0.31 0.00	20.84 -0.34 0.00	19.04 -0.29 -0.09	20.61 -0.25 -0.04	22.17 -0.18 0.00	22.05 -0.22 0.00	24.16 -0.17 0.00	25.27 0.03 0.00	24.39 -0.02 0.00	24.97 -0.05 0.00	24.82 -0.17 0.00	24.41 -0.22 0.00	24.50 -0.30 0.00	25.02 -0.46 0.00	27.21 -0.47 0.00	30.04 -0.21 0.00	30.24 -0.15 0.00	28.48 -0.35 0.00	26.20 -0.08 0.00	24.06 -0.10 0.00	23.58 -0.14 0.00	22.36 -0.20 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	27.30 1.57 0.00	23.73 1.36 0.00	23.17 1.31 0.00	22.47 1.29 0.00	23.93 1.15 -3.53	23.75 1.27 -1.66	23.73 1.39 0.00	23.57 1.29 0.00	25.89 1.56 0.00	26.80 1.56 0.00	25.81 1.39 0.00	26.45 1.43 0.00	26.44 1.45 0.00	26.06 1.43 0.00	26.28 1.49 0.00	27.03 1.55 0.00	29.31 1.63 0.00	32.09 1.85 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.99 1.71 0.00	25.70 1.55 0.00	25.12 1.40 0.00	23.91 1.31 -0.04



LUTHERNY_35_KV_BK2 355980	27.33 1.60 0.00	23.73 1.36 0.00	23.19 1.33 0.00	22.47 1.29 0.00	23.95 1.17 -3.53	23.77 1.29 -1.66	23.73 1.39 0.00	23.59 1.31 0.00	25.89 1.56 0.00	26.80 1.56 0.00	25.83 1.42 0.00	26.47 1.45 0.00	26.46 1.47 0.00	26.06 1.43 0.00	26.28 1.49 0.00	27.06 1.58 0.00	29.34 1.66 0.00	32.13 1.88 0.00	32.37 1.98 0.00	30.75 1.93 0.00	27.99 1.71 0.00	25.73 1.57 0.00	25.14 1.42 0.00	23.94 1.33 -0.04
LWR___OSWEGATCHIE_HYD 23850	24.93 -0.80 0.00	21.71 -0.65 0.00	21.16 -0.70 0.00	20.46 -0.72 0.00	18.74 -0.58 -0.07	20.20 -0.65 -0.03	21.68 -0.67 0.00	21.58 -0.69 0.00	23.63 -0.71 0.00	24.63 -0.61 0.00	23.81 -0.61 0.00	24.39 -0.63 0.00	24.24 -0.75 0.00	23.86 -0.76 0.00	23.95 -0.84 0.00	24.48 -0.99 0.00	26.63 -1.05 0.00	29.28 -0.97 0.00	29.51 -0.88 0.00	27.87 -0.95 0.00	25.52 -0.76 0.00	23.41 -0.75 0.00	22.94 -0.78 0.00	21.80 -0.77 0.00
LYONS_FALL_HYD 23570	25.81 0.08 0.00	22.39 0.02 0.00	21.86 0.00 0.00	21.13 -0.04 0.00	19.29 -0.04 -0.08	20.88 0.02 -0.04	22.46 0.11 0.00	22.36 0.09 0.00	24.48 0.15 0.00	25.52 0.28 0.00	24.63 0.22 0.00	25.24 0.22 0.00	25.12 0.13 0.00	24.70 0.07 0.00	24.82 0.02 0.00	25.40 -0.08 0.00	27.60 -0.08 0.00	30.37 0.12 0.00	30.55 0.15 0.00	28.85 0.03 0.00	26.47 0.19 0.00	24.30 0.15 0.00	23.81 0.10 0.00	22.61 0.05 0.00
MADISON___COUNTY_LFGE 323628	26.30 0.57 0.00	22.81 0.45 0.00	22.27 0.42 0.00	21.58 0.40 0.00	19.74 0.35 -0.14	21.28 0.40 -0.07	22.86 0.51 0.00	22.81 0.53 0.00	24.89 0.56 0.00	25.85 0.61 0.00	24.98 0.56 0.00	25.57 0.55 0.00	25.49 0.50 0.00	25.05 0.42 0.00	25.16 0.37 0.01	25.85 0.41 0.03	28.02 0.42 0.08	30.60 0.51 0.17	30.76 0.52 0.15	29.18 0.49 0.13	26.76 0.50 0.02	24.59 0.43 0.00	24.15 0.43 0.00	22.93 0.36 0.00
MALONE___115KV_TB1 356076	25.37 -0.36 0.00	22.16 -0.20 0.00	21.59 -0.26 0.00	20.90 -0.28 0.00	19.04 -0.21 0.00	20.61 -0.21 0.00	22.10 -0.25 0.00	21.94 -0.33 0.00	24.02 -0.32 0.00	24.89 -0.35 0.00	24.12 -0.29 0.00	24.82 -0.20 0.00	24.64 -0.35 0.00	24.36 -0.27 0.00	24.42 -0.37 0.00	24.94 -0.54 0.00	27.21 -0.47 0.00	29.77 -0.48 0.00	30.30 -0.09 0.00	28.68 -0.14 0.00	26.20 -0.08 0.00	24.01 -0.14 0.00	23.46 -0.26 0.00	22.25 -0.32 0.00
MAPLEWOD_115KV_TB3 80458	26.61 0.87 0.00	23.15 0.78 0.00	22.73 0.87 0.00	22.05 0.87 0.00	23.47 0.77 -3.45	23.27 0.83 -1.62	23.24 0.89 0.00	23.14 0.87 0.00	25.38 1.05 0.00	26.17 0.93 0.00	25.29 0.88 0.00	25.89 0.88 0.00	25.94 0.95 0.00	25.62 0.96 -0.04	25.84 1.04 0.00	26.57 1.10 0.00	28.79 1.11 0.00	31.46 1.21 0.00	31.61 1.22 0.00	30.01 1.18 0.00	27.31 1.02 0.00	25.12 0.97 0.00	24.57 0.85 0.00	23.44 0.83 -0.04
MAPLE_RIDGE_WT_1 323574	24.88 -0.85 0.00	21.63 -0.74 0.00	21.05 -0.81 0.00	20.31 -0.87 0.00	18.42 -0.83 0.00	19.94 -0.87 0.00	21.50 -0.85 0.00	21.52 -0.76 0.00	23.63 -0.71 0.00	24.61 -0.63 0.00	23.86 -0.56 0.00	24.47 -0.55 0.00	24.42 -0.57 0.00	24.08 -0.54 0.00	24.23 -0.57 0.00	24.82 -0.66 0.00	26.93 -0.75 0.00	29.40 -0.85 0.00	29.58 -0.82 0.00	28.07 -0.75 0.00	25.65 -0.63 0.00	23.60 -0.55 0.00	23.17 -0.54 0.00	22.00 -0.56 0.00
MAPLE_RIDGE_WT_2 323611	24.88 -0.85 0.00	21.63 -0.74 0.00	21.05 -0.81 0.00	20.31 -0.87 0.00	18.42 -0.83 0.00	19.94 -0.87 0.00	21.50 -0.85 0.00	21.52 -0.76 0.00	23.63 -0.71 0.00	24.61 -0.63 0.00	23.86 -0.56 0.00	24.47 -0.55 0.00	24.42 -0.57 0.00	24.08 -0.54 0.00	24.23 -0.57 0.00	24.82 -0.66 0.00	26.93 -0.75 0.00	29.40 -0.85 0.00	29.58 -0.82 0.00	28.07 -0.75 0.00	25.65 -0.63 0.00	23.60 -0.55 0.00	23.17 -0.54 0.00	22.00 -0.56 0.00
MARBLE_RIVER_WT_PWR 323696	25.32 -0.41 0.00	22.07 -0.29 0.00	21.55 -0.31 0.00	20.86 -0.32 0.00	18.86 -0.38 0.00	20.46 -0.35 0.00	22.01 -0.33 0.00	21.78 -0.49 0.00	23.85 -0.49 0.00	24.71 -0.53 0.00	23.98 -0.44 0.00	24.64 -0.37 0.00	24.46 -0.53 0.00	24.21 -0.42 0.00	24.27 -0.52 0.00	24.82 -0.66 0.00	27.04 -0.64 0.00	29.61 -0.64 0.00	30.27 -0.12 0.00	28.68 -0.14 0.00	26.20 -0.08 0.00	24.01 -0.14 0.00	23.46 -0.26 0.00	22.23 -0.34 0.00
MARSHVLE_115KV_TB1 80742	28.07 2.34 0.00	24.35 1.99 0.00	23.74 1.88 0.00	23.00 1.82 0.00	24.92 1.66 -4.02	24.56 1.85 -1.89	24.36 2.01 0.00	24.10 1.83 0.00	26.40 2.07 0.00	27.06 1.82 0.00	26.05 1.64 0.00	26.80 1.78 0.00	26.71 1.72 0.00	26.33 1.70 0.00	26.56 1.76 0.00	27.54 2.06 0.00	30.09 2.41 0.00	33.06 2.81 0.00	33.40 3.01 0.00	31.76 2.94 0.00	28.86 2.58 0.00	26.45 2.29 0.00	25.76 2.04 0.00	24.48 1.87 -0.05
MARSH_HILL_WT_PWR 323713	25.29 -0.44 0.00	21.83 -0.54 0.00	21.23 -0.57 0.06	20.65 -0.47 0.06	18.46 -0.42 0.37	20.14 -0.48 0.20	22.00 -0.29 0.06	21.97 -0.24 0.06	24.03 -0.24 0.06	24.83 -0.35 0.06	23.92 -0.44 0.06	24.51 -0.45 0.06	24.46 -0.48 0.06	23.88 -0.69 0.06	23.66 -0.99 0.15	24.12 -0.97 0.39	25.89 -1.05 0.74	27.39 -1.12 1.74	27.98 -0.97 1.44	26.89 -0.58 1.35	25.65 -0.47 0.15	23.57 -0.53 0.06	23.02 -0.64 0.06	21.92 -0.59 0.06
MCINTYRE_115KV_TB2 80467	25.47 -0.26 0.00	22.23 -0.13 0.00	21.64 -0.22 0.00	20.94 -0.23 0.00	19.13 -0.12 0.00	20.65 -0.17 0.00	22.12 -0.22 0.00	22.05 -0.22 0.00	24.09 -0.24 0.00	24.99 -0.25 0.00	24.17 -0.24 0.00	24.79 -0.23 0.00	24.67 -0.32 0.00	24.31 -0.32 0.00	24.40 -0.40 0.00	24.99 -0.48 0.00	27.21 -0.47 0.00	29.77 -0.48 0.00	30.03 -0.36 0.00	28.45 -0.37 0.00	25.97 -0.32 0.00	23.84 -0.31 0.00	23.31 -0.40 0.00	22.16 -0.41 0.00
MECO_____69_KV_BK1 80468	28.28 2.55 0.00	24.53 2.17 0.00	23.91 2.05 0.00	23.17 1.99 0.00	24.91 1.81 -3.85	24.65 2.02 -1.81	24.54 2.19 0.00	24.28 2.00 0.00	26.67 2.34 0.00	27.44 2.20 0.00	26.39 1.98 0.00	27.12 2.10 0.00	27.04 2.05 0.00	26.67 2.04 0.00	26.90 2.11 0.00	27.85 2.37 0.00	30.31 2.63 0.00	33.27 3.02 0.00	33.62 3.22 0.00	31.94 3.11 0.00	29.01 2.73 0.00	26.60 2.44 0.00	25.90 2.18 0.00	24.62 2.01 -0.04
MENANDS___115KV_TB5 355628	26.45 0.72 0.00	23.03 0.67 0.00	22.64 0.79 0.00	21.98 0.80 0.00	23.39 0.69 -3.45	23.19 0.75 -1.62	23.15 0.80 0.00	23.08 0.80 0.00	25.28 0.95 0.00	26.07 0.83 0.00	25.17 0.76 0.00	25.79 0.78 0.00	25.84 0.85 0.00	25.52 0.86 -0.04	25.74 0.94 0.00	26.45 0.97 0.00	28.62 0.94 0.00	31.31 1.06 0.00	31.43 1.03 0.00	29.83 1.01 0.00	27.17 0.89 0.00	25.00 0.85 0.00	24.45 0.74 0.00	23.32 0.72 -0.04
MG INDUSTRY___DRP 24185	26.50 0.77 0.00	23.08 0.72 0.00	22.64 0.79 0.00	21.96 0.78 0.00	23.31 0.69 -3.37	23.15 0.75 -1.58	23.15 0.80 0.00	23.03 0.76 0.00	25.21 0.88 0.00	26.00 0.76 0.00	25.07 0.66 0.00	25.67 0.65 0.00	25.71 0.72 0.00	25.34 0.71 0.00	25.59 0.79 0.00	26.32 0.84 0.00	28.54 0.86 0.00	31.25 1.00 0.00	31.37 0.97 0.00	29.80 0.98 0.00	27.15 0.87 0.00	24.98 0.82 0.00	24.45 0.74 0.00	23.32 0.72 -0.04



MID___OSWEGATCHIE_HYD 23849	24.93 -0.80 0.00	21.71 -0.65 0.00	21.16 -0.70 0.00	20.46 -0.72 0.00	18.74 -0.58 -0.07	20.20 -0.65 -0.03	21.68 -0.67 0.00	21.58 -0.69 0.00	23.63 -0.71 0.00	24.63 -0.61 0.00	23.81 -0.61 0.00	24.39 -0.63 0.00	24.24 -0.75 0.00	23.86 -0.76 0.00	23.95 -0.84 0.00	24.48 -0.99 0.00	26.63 -1.05 0.00	29.28 -0.97 0.00	29.51 -0.88 0.00	27.87 -0.95 0.00	25.52 -0.76 0.00	23.41 -0.75 0.00	22.94 -0.78 0.00	21.80 -0.77 0.00
MID___RAQUETTE_HYD 23851	24.75 -0.98 0.00	21.58 -0.78 0.00	21.03 -0.83 0.00	20.35 -0.83 0.00	18.61 -0.64 0.00	20.05 -0.77 0.00	21.48 -0.87 0.00	21.41 -0.87 0.00	23.41 -0.92 0.00	24.33 -0.91 0.00	23.56 -0.85 0.00	24.19 -0.83 0.00	24.07 -0.92 0.00	23.74 -0.89 0.00	23.80 -0.99 0.00	24.33 -1.15 0.00	26.46 -1.22 0.00	28.98 -1.27 0.00	29.24 -1.15 0.00	27.67 -1.15 0.00	25.20 -1.08 0.00	23.14 -1.01 0.00	22.65 -1.07 0.00	21.53 -1.04 0.00
MILLIKEN___1 23584	26.04 0.31 0.00	22.59 0.22 0.00	22.14 0.20 -0.08	21.43 0.17 -0.08	21.37 0.13 -1.99	21.96 0.17 -0.98	22.70 0.27 -0.08	22.67 0.31 -0.08	24.71 0.29 -0.08	25.65 0.33 -0.08	24.74 0.24 -0.08	25.35 0.25 -0.08	25.25 0.17 -0.08	24.81 0.10 -0.08	25.04 0.07 -0.17	25.99 0.10 -0.41	28.59 0.22 -0.69	32.24 0.27 -1.72	32.10 0.33 -1.37	30.52 0.35 -1.35	26.74 0.34 -0.12	24.53 0.29 -0.08	24.06 0.26 -0.08	22.85 0.18 -0.11
MILLIKEN___2 23585	26.04 0.31 0.00	22.59 0.22 0.00	22.14 0.20 -0.08	21.43 0.17 -0.08	21.37 0.13 -1.99	21.96 0.17 -0.98	22.70 0.27 -0.08	22.67 0.31 -0.08	24.71 0.29 -0.08	25.65 0.33 -0.08	24.74 0.24 -0.08	25.35 0.25 -0.08	25.25 0.17 -0.08	24.81 0.10 -0.08	25.04 0.07 -0.17	25.99 0.10 -0.41	28.59 0.22 -0.69	32.24 0.27 -1.72	32.10 0.33 -1.37	30.52 0.35 -1.35	26.74 0.34 -0.12	24.53 0.29 -0.08	24.06 0.26 -0.08	22.85 0.18 -0.11
MILLIKEN___DIESEL 23629	26.04 0.31 0.00	22.59 0.22 0.00	22.14 0.20 -0.08	21.43 0.17 -0.08	21.37 0.13 -1.99	21.96 0.17 -0.98	22.70 0.27 -0.08	22.67 0.31 -0.08	24.71 0.29 -0.08	25.65 0.33 -0.08	24.74 0.24 -0.08	25.35 0.25 -0.08	25.25 0.17 -0.08	24.81 0.10 -0.08	25.04 0.07 -0.17	25.99 0.10 -0.41	28.59 0.22 -0.69	32.24 0.27 -1.72	32.10 0.33 -1.37	30.52 0.35 -1.35	26.74 0.34 -0.12	24.53 0.29 -0.08	24.06 0.26 -0.08	22.85 0.18 -0.11
MILLSEAT___LFGE 323607	23.90 -1.83 0.00	20.66 -1.70 0.00	20.20 -1.64 0.01	19.51 -1.65 0.01	17.85 -1.52 -0.12	19.28 -1.58 -0.05	20.52 -1.81 0.01	20.61 -1.65 0.01	22.03 -2.29 0.01	23.16 -2.07 0.01	22.37 -2.03 0.01	22.68 -2.33 0.01	22.58 -2.40 0.01	22.25 -2.36 0.01	22.37 -2.36 0.07	22.68 -2.57 0.22	24.56 -2.63 0.49	26.35 -2.81 1.08	26.91 -2.55 0.94	25.16 -2.82 0.84	24.09 -2.08 0.12	22.04 -2.10 0.01	21.83 -1.87 0.01	20.45 -2.10 0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.91 1.18 0.00	23.30 0.94 0.00	22.82 0.96 0.00	22.13 0.95 0.00	22.74 0.83 -2.66	22.96 0.90 -1.25	23.31 0.96 0.00	23.30 1.02 0.00	25.52 1.19 0.00	26.45 1.21 0.00	25.71 1.29 0.00	26.32 1.30 0.00	26.41 1.42 0.00	26.98 1.43 -0.92	26.38 1.59 0.00	27.19 1.71 0.00	29.42 1.74 0.00	32.13 1.88 0.00	32.13 1.73 0.00	30.52 1.70 0.00	27.67 1.39 0.00	25.37 1.21 0.00	24.76 1.04 0.00	23.68 1.08 -0.03
MILLWOOD_13_KV_LOAD 356217	26.99 1.26 0.00	23.37 1.01 0.00	22.86 1.01 0.00	22.17 1.00 0.00	22.77 0.87 -2.66	23.00 0.94 -1.25	23.35 1.01 0.00	23.34 1.07 0.00	25.57 1.24 0.00	26.53 1.29 0.00	25.78 1.37 0.00	26.40 1.38 0.00	26.49 1.50 0.00	27.05 1.50 -0.92	26.48 1.69 0.00	27.29 1.81 0.00	29.51 1.83 0.00	32.22 1.97 0.00	32.22 1.82 0.00	30.61 1.79 0.00	27.75 1.47 0.00	25.44 1.28 0.00	24.81 1.09 0.00	23.70 1.11 -0.03
MODEL_CITY_ENERGY 24167	23.13 -2.60 0.00	20.02 -2.35 0.00	19.63 -2.21 0.02	18.96 -2.20 0.02	17.35 -2.02 -0.12	18.72 -2.14 -0.05	19.90 -2.44 0.02	19.94 -2.32 0.02	21.27 -3.04 0.02	22.40 -2.83 0.02	21.62 -2.78 0.02	21.92 -3.08 0.02	21.85 -3.12 0.02	21.56 -3.05 0.02	21.69 -3.03 0.07	21.99 -3.26 0.23	23.78 -3.41 0.50	25.49 -3.66 1.10	26.02 -3.43 0.94	24.26 -3.72 0.85	23.32 -2.84 0.12	21.36 -2.78 0.02	21.21 -2.49 0.02	19.89 -2.66 0.01
MODERN_LFGE___ 323580	23.13 -2.60 0.00	20.02 -2.35 0.00	19.63 -2.21 0.02	18.96 -2.20 0.02	17.35 -2.02 -0.12	18.72 -2.14 -0.05	19.90 -2.44 0.02	19.94 -2.32 0.02	21.27 -3.04 0.02	22.40 -2.83 0.02	21.62 -2.78 0.02	21.92 -3.08 0.02	21.85 -3.12 0.02	21.56 -3.05 0.02	21.69 -3.03 0.07	21.99 -3.26 0.23	23.78 -3.41 0.50	25.49 -3.66 1.10	26.02 -3.43 0.94	24.26 -3.72 0.85	23.32 -2.84 0.12	21.36 -2.78 0.02	21.21 -2.49 0.02	19.89 -2.66 0.01
MOHAWK_PAPER___DRP 24187	26.61 0.87 0.00	23.15 0.78 0.00	22.73 0.87 0.00	22.05 0.87 0.00	23.47 0.77 -3.45	23.27 0.83 -1.62	23.24 0.89 0.00	23.14 0.87 0.00	25.38 1.05 0.00	26.17 0.93 0.00	25.29 0.88 0.00	25.89 0.88 0.00	25.94 0.95 0.00	25.62 0.96 -0.04	25.84 1.04 0.00	26.57 1.10 0.00	28.79 1.11 0.00	31.46 1.21 0.00	31.61 1.22 0.00	30.01 1.18 0.00	27.31 1.02 0.00	25.12 0.97 0.00	24.57 0.85 0.00	23.44 0.83 -0.04
MOHICAN___35_KV_115KV_LD 80490	27.69 1.96 0.00	24.06 1.70 0.00	23.47 1.62 0.00	22.74 1.57 0.00	24.21 1.42 -3.53	24.06 1.58 -1.66	24.07 1.72 0.00	23.88 1.60 0.00	26.28 1.95 0.00	27.23 1.99 0.00	26.12 1.71 0.00	26.77 1.75 0.00	26.69 1.70 0.00	26.25 1.63 0.00	26.46 1.66 0.00	27.24 1.76 0.00	29.53 1.85 0.00	32.37 2.12 0.00	32.80 2.40 0.00	31.16 2.33 0.00	28.44 2.16 0.00	26.09 1.93 0.00	25.45 1.73 0.00	24.21 1.60 -0.04
MONGAUP___HYD 23641	26.76 1.03 0.00	23.19 0.83 0.00	22.67 0.81 0.00	21.98 0.80 0.00	22.35 0.73 -2.37	22.70 0.77 -1.11	23.15 0.80 0.00	23.01 0.73 0.00	25.28 0.95 0.00	26.17 0.93 0.00	25.34 0.93 0.00	25.92 0.90 0.00	25.96 0.97 0.00	25.40 0.94 0.16	25.94 1.14 0.00	26.78 1.30 0.00	29.15 1.47 0.00	31.85 1.60 0.00	31.88 1.49 0.00	30.32 1.50 0.00	27.49 1.21 0.00	25.22 1.06 0.00	24.57 0.85 0.00	23.54 0.95 -0.03
MONTAUK___DIESEL 23721	36.03 2.29 -8.01	32.06 1.81 -7.89	30.72 1.88 -6.98	28.13 1.78 -5.17	27.76 1.56 -6.95	26.48 1.77 -3.90	24.18 1.83 0.00	26.09 2.07 -1.75	26.21 1.87 0.00	27.58 2.27 -0.07	31.85 2.47 -4.97	33.88 2.65 -6.20	33.31 2.72 -5.60	34.50 2.81 -7.06	34.60 2.98 -6.83	34.98 3.08 -6.42	35.00 3.21 -4.11	36.95 3.45 -3.25	36.32 3.13 -2.79	35.62 2.91 -3.88	32.96 2.29 -4.39	31.32 1.93 -5.23	29.93 1.92 -4.29	27.55 1.85 -3.13
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.32 -1.42 0.00	21.00 -1.36 0.00	20.28 -1.55 0.02	19.72 -1.44 0.02	18.05 -1.29 -0.10	19.41 -1.44 -0.03	20.90 -1.43 0.02	20.94 -1.31 0.02	22.70 -1.61 0.02	23.53 -1.69 0.02	22.76 -1.64 0.02	23.20 -1.80 0.02	23.07 -1.90 0.02	22.71 -1.90 0.02	22.63 -2.08 0.08	23.02 -2.22 0.24	24.71 -2.46 0.51	26.45 -2.66 1.13	26.84 -2.58 0.97	25.50 -2.45 0.88	24.06 -2.10 0.12	22.15 -1.98 0.02	21.85 -1.85 0.02	20.85 -1.69 0.02



MORRIS_RIDGE___SOLAR 323848	24.19 -1.54 0.00	20.93 -1.43 0.00	20.39 -1.44 0.03	19.69 -1.46 0.03	17.99 -1.33 -0.07	19.42 -1.42 -0.02	20.85 -1.47 0.03	20.76 -1.49 0.03	22.60 -1.70 0.03	23.52 -1.69 0.03	22.73 -1.66 0.03	23.24 -1.75 0.03	23.14 -1.82 0.03	22.75 -1.85 0.03	22.82 -1.88 0.09	23.27 -1.96 0.25	25.12 -2.05 0.51	26.85 -2.24 1.16	27.25 -2.16 0.98	25.79 -2.13 0.90	24.41 -1.76 0.12	22.46 -1.67 0.03	22.10 -1.59 0.03	21.00 -1.53 0.03
MORTIMER_115KV_TB3 55949	24.52 -1.21 0.00	21.29 -1.07 0.00	20.75 -1.09 0.01	20.04 -1.12 0.01	18.29 -1.08 -0.12	19.72 -1.14 -0.05	21.13 -1.21 0.01	20.86 -1.40 0.01	22.76 -1.56 0.01	23.94 -1.29 0.01	23.09 -1.32 0.01	23.63 -1.38 0.01	23.38 -1.60 0.01	23.02 -1.60 0.01	23.17 -1.56 0.07	23.53 -1.73 0.21	25.68 -1.52 0.48	27.42 -1.78 1.05	27.90 -1.58 0.91	26.11 -1.90 0.81	24.85 -1.31 0.12	22.74 -1.40 0.01	22.47 -1.23 0.01	21.25 -1.31 0.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.09 1.36 0.00	23.44 1.07 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.13 1.04 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.95 1.54 0.00	26.60 1.58 0.00	26.66 1.67 0.00	26.48 1.67 -0.18	26.65 1.86 0.00	27.47 1.99 0.00	29.70 2.02 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.95 1.23 0.00	23.86 1.26 -0.03
MUNSVILLE_WIND_PWR 323609	27.33 1.60 0.00	23.64 1.27 0.00	23.09 1.20 -0.04	22.36 1.14 -0.04	21.64 1.02 -1.37	22.64 1.17 -0.66	23.86 1.47 -0.04	23.89 1.58 -0.04	26.05 1.68 -0.04	27.07 1.79 -0.04	26.14 1.68 -0.04	26.86 1.80 -0.04	26.68 1.65 -0.04	26.09 1.43 -0.04	26.15 1.29 -0.07	27.08 1.45 -0.15	29.53 1.60 -0.25	32.73 1.85 -0.63	32.71 1.82 -0.50	31.19 1.87 -0.50	28.08 1.76 -0.04	25.72 1.52 -0.04	25.08 1.33 -0.04	23.72 1.11 -0.05
N SALMON___HYD 24042	25.37 -0.36 0.00	22.12 -0.25 0.00	21.59 -0.26 0.00	20.90 -0.28 0.00	18.92 -0.33 0.00	20.51 -0.31 0.00	22.08 -0.27 0.00	21.92 -0.36 0.00	24.01 -0.32 0.00	24.89 -0.35 0.00	24.12 -0.29 0.00	24.82 -0.20 0.00	24.64 -0.35 0.00	24.36 -0.27 0.00	24.42 -0.37 0.00	24.94 -0.54 0.00	27.21 -0.47 0.00	29.76 -0.49 0.00	30.30 -0.09 0.00	28.68 -0.14 0.00	26.20 -0.08 0.00	24.01 -0.14 0.00	23.46 -0.26 0.00	22.25 -0.32 0.00
N.AKRON__115KV_KNAPP 355671	23.80 -1.93 0.00	20.62 -1.74 0.00	20.16 -1.68 0.02	19.47 -1.69 0.02	17.77 -1.60 -0.12	19.14 -1.73 -0.05	20.48 -1.85 0.02	20.19 -2.07 0.02	22.01 -2.31 0.02	23.16 -2.07 0.02	22.35 -2.05 0.02	22.85 -2.15 0.02	22.58 -2.40 0.02	22.22 -2.39 0.02	22.37 -2.36 0.07	22.68 -2.57 0.22	24.75 -2.44 0.49	26.35 -2.81 1.09	26.87 -2.58 0.94	25.13 -2.85 0.84	24.03 -2.13 0.12	22.02 -2.13 0.02	21.76 -1.94 0.02	20.61 -1.94 0.01
N.BELMOR_69_KV_BK1 55787	35.52 1.78 -8.01	31.68 1.43 -7.89	30.32 1.49 -6.98	27.81 1.46 -5.17	27.49 1.29 -6.95	26.09 1.37 -3.90	23.78 1.43 0.00	25.58 1.56 -1.75	25.99 1.65 0.00	27.18 1.87 -0.07	31.32 1.93 -4.97	33.20 1.98 -6.20	32.66 2.07 -5.60	33.78 2.09 -7.06	33.88 2.26 -6.83	34.32 2.42 -6.42	34.28 2.49 -4.11	36.19 2.69 -3.25	35.71 2.52 -2.79	35.18 2.48 -3.88	32.75 2.08 -4.39	31.22 1.84 -5.23	29.64 1.64 -4.29	27.32 1.62 -3.13
N.E_GEN_SANDY PD 24062	27.51 0.98 -0.80	27.93 0.87 -4.70	24.21 0.92 -1.44	23.14 0.93 -1.03	23.39 0.85 -3.30	24.71 0.87 -3.02	25.28 0.92 -2.01	27.35 0.91 -4.16	27.75 1.14 -2.27	26.35 1.11 0.00	25.46 1.05 0.00	26.12 1.10 0.00	26.19 1.20 0.00	26.29 1.23 -0.43	27.11 1.34 -0.98	26.74 1.43 0.17	30.78 1.49 -1.61	34.39 1.60 -2.54	33.44 1.52 -1.53	31.77 1.47 -1.48	30.42 1.26 -2.88	27.66 1.16 -2.34	26.75 1.04 -1.99	26.50 1.08 -2.85
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.86 1.13 0.00	23.26 0.89 0.00	22.73 0.87 0.00	22.05 0.87 0.00	22.54 0.75 -2.55	22.83 0.81 -1.20	23.22 0.87 0.00	23.19 0.91 0.00	25.40 1.07 0.00	26.35 1.11 0.00	25.59 1.17 0.00	26.20 1.18 0.00	26.29 1.30 0.00	25.67 1.28 0.23	26.28 1.49 0.00	27.08 1.61 0.00	29.34 1.66 0.00	32.03 1.78 0.00	32.01 1.61 0.00	30.41 1.59 0.00	27.57 1.29 0.00	25.27 1.11 0.00	24.67 0.95 0.00	23.56 0.97 -0.03
N.QUEENS_27_KV_LOAD 356247	27.28 1.54 -0.01	23.65 1.27 -0.01	23.18 1.31 -0.01	22.48 1.29 -0.01	23.10 1.14 -2.71	23.20 1.10 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	25.79 1.46 0.00	26.75 1.51 0.00	26.03 1.61 0.00	26.65 1.63 0.00	26.74 1.75 0.00	26.55 1.75 -0.18	26.70 1.91 0.00	27.54 2.06 0.00	29.73 2.05 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.81 1.99 0.00	27.88 1.60 0.00	25.53 1.38 0.00	24.95 1.23 0.00	24.06 1.47 -0.03
N.TROY___115KV_TB1 355778	26.89 1.16 0.00	23.37 1.01 0.00	22.88 1.03 0.00	22.19 1.02 0.00	23.62 0.90 -3.47	23.45 1.00 -1.63	23.42 1.07 0.00	23.32 1.05 0.00	25.55 1.22 0.00	26.43 1.19 0.00	25.51 1.10 0.00	26.12 1.10 0.00	26.16 1.17 0.00	25.85 1.18 -0.04	26.06 1.26 0.00	26.80 1.32 0.00	29.06 1.38 0.00	31.79 1.54 0.00	31.94 1.55 0.00	30.32 1.50 0.00	27.60 1.31 0.00	25.37 1.21 0.00	24.81 1.09 0.00	23.66 1.06 -0.04
NARROWS_GT1_1 24228	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT1_2 24229	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT1_3 24230	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT1_4 24231	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03



NARROWS_GT1_5 24232	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT1_6 24233	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT1_7 24234	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT1_8 24235	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT2_1 24236	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT2_2 24237	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT2_3 24238	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT2_4 24239	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT2_5 24240	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT2_6 24241	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT2_7 24242	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NARROWS_GT2_8 24243	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.94 1.21 0.00	23.46 1.10 0.00	23.06 1.20 0.00	22.36 1.19 0.00	23.42 0.94 -3.23	23.37 1.04 -1.52	23.58 1.23 0.00	23.30 1.02 0.00	25.60 1.27 0.00	26.27 1.03 0.00	25.32 0.90 0.00	25.89 0.88 0.00	25.94 0.95 0.00	25.49 0.86 0.00	25.79 0.99 0.00	26.55 1.07 0.00	28.84 1.16 0.00	31.64 1.39 0.00	31.88 1.49 0.00	30.29 1.47 0.00	27.54 1.26 0.00	25.37 1.21 0.00	24.76 1.04 0.00	23.62 1.02 -0.04
NCHELSEA_115KV_TR2 355582	27.04 1.31 0.00	23.41 1.05 0.00	22.91 1.05 0.00	22.21 1.04 0.00	22.85 0.90 -2.70	23.06 0.98 -1.27	23.40 1.05 0.00	23.32 1.05 0.00	25.57 1.24 0.00	26.50 1.26 0.00	25.76 1.34 0.00	26.35 1.33 0.00	26.44 1.45 0.00	26.01 1.38 0.00	26.38 1.59 0.00	27.19 1.71 0.00	29.45 1.77 0.00	32.19 1.94 0.00	32.22 1.82 0.00	30.61 1.79 0.00	27.75 1.47 0.00	25.46 1.30 0.00	24.83 1.11 0.00	23.75 1.15 -0.03
NEG CAPITAL___MECHNVIL 23645	27.25 1.52 0.00	23.71 1.34 0.00	23.15 1.29 0.00	22.45 1.27 0.00	23.93 1.17 -3.51	23.74 1.27 -1.65	23.69 1.34 0.00	23.54 1.27 0.00	25.91 1.58 0.00	26.83 1.59 0.00	25.86 1.44 0.00	26.49 1.48 0.00	26.49 1.50 0.00	26.08 1.45 0.00	26.33 1.54 0.00	27.08 1.61 0.00	29.40 1.72 0.00	32.16 1.91 0.00	32.40 2.01 0.00	30.75 1.93 0.00	27.99 1.71 0.00	25.73 1.57 0.00	25.12 1.40 0.00	23.96 1.35 -0.04



NEG CENTRAL_HIGH_ACRES 23767	24.42 -1.31 0.00	21.13 -1.23 0.00	20.62 -1.22 0.01	19.92 -1.25 0.01	18.24 -1.14 -0.12	19.68 -1.19 -0.05	21.04 -1.30 0.01	21.06 -1.20 0.01	22.67 -1.66 0.01	23.79 -1.44 0.01	22.97 -1.44 0.01	23.38 -1.63 0.01	23.28 -1.70 0.01	22.89 -1.72 0.01	23.02 -1.71 0.06	23.40 -1.89 0.19	25.40 -1.85 0.43	27.32 -2.00 0.93	27.76 -1.82 0.81	26.11 -1.99 0.72	24.68 -1.50 0.11	22.60 -1.55 0.01	22.36 -1.35 0.01	20.98 -1.58 0.01
NEG CENTRAL___DRP 24199	25.32 -0.41 0.00	21.96 -0.40 0.00	21.40 -0.44 0.01	20.72 -0.44 0.01	18.89 -0.42 -0.07	20.40 -0.44 -0.02	21.93 -0.40 0.01	21.86 -0.40 0.01	23.83 -0.49 0.01	24.80 -0.43 0.01	23.91 -0.49 0.01	24.50 -0.50 0.01	24.38 -0.60 0.01	23.95 -0.66 0.01	24.05 -0.69 0.05	24.63 -0.71 0.13	26.75 -0.66 0.27	28.95 -0.70 0.61	29.24 -0.64 0.51	27.72 -0.63 0.47	25.75 -0.47 0.06	23.63 -0.51 0.01	23.28 -0.43 0.01	22.05 -0.50 0.01
NEG CENTRAL___INDECK 23768	25.16 -0.57 0.00	21.76 -0.60 0.00	21.18 -0.66 0.02	20.46 -0.70 0.02	18.67 -0.63 -0.05	20.21 -0.62 -0.01	21.63 -0.69 0.02	21.72 -0.53 0.02	23.36 -0.95 0.02	24.36 -0.86 0.02	23.39 -1.00 0.02	23.77 -1.23 0.02	23.64 -1.33 0.02	23.23 -1.38 0.02	23.37 -1.34 0.08	23.83 -1.40 0.25	25.89 -1.27 0.51	27.85 -1.24 1.16	28.43 -0.97 0.99	26.80 -1.12 0.90	25.45 -0.71 0.12	23.29 -0.85 0.02	22.94 -0.76 0.02	21.55 -0.99 0.02
NEG CENTRAL___SENECA 23627	25.22 -0.51 0.00	21.85 -0.51 0.00	21.29 -0.55 0.02	20.58 -0.57 0.02	18.68 -0.54 0.03	20.23 -0.56 0.03	21.81 -0.51 0.02	21.74 -0.51 0.02	23.70 -0.61 0.02	24.71 -0.50 0.02	23.81 -0.59 0.02	24.37 -0.63 0.02	24.24 -0.72 0.02	23.79 -0.81 0.02	23.90 -0.82 0.08	24.42 -0.84 0.22	26.46 -0.78 0.45	28.41 -0.82 1.02	28.80 -0.73 0.86	27.28 -0.75 0.79	25.63 -0.55 0.10	23.53 -0.60 0.02	23.13 -0.57 0.02	21.91 -0.63 0.02
NEG CENTRAL___STATE_STREET 24147	25.53 -0.21 0.00	22.14 -0.22 0.00	21.61 -0.24 0.01	20.92 -0.25 0.01	19.19 -0.23 -0.17	20.65 -0.25 -0.08	22.14 -0.20 0.01	22.05 -0.22 0.01	24.03 -0.29 0.01	25.03 -0.20 0.01	24.17 -0.24 0.01	24.76 -0.25 0.01	24.66 -0.32 0.01	24.23 -0.39 0.01	24.34 -0.45 0.01	24.96 -0.48 0.03	27.21 -0.42 0.05	29.70 -0.42 0.13	29.92 -0.36 0.11	28.35 -0.37 0.10	26.01 -0.26 0.01	23.86 -0.29 0.01	23.50 -0.21 0.01	22.29 -0.27 0.00
NEG MILLWOOD___DRP 24198	27.17 1.44 0.00	23.50 1.14 0.00	23.01 1.16 0.00	22.32 1.14 0.00	22.96 0.98 -2.73	23.18 1.08 -1.28	23.49 1.14 0.00	23.48 1.20 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.60 1.58 0.00	26.66 1.67 0.00	26.34 1.65 -0.06	26.63 1.83 0.00	27.44 1.96 0.00	29.67 1.99 0.00	32.43 2.18 0.00	32.40 2.01 0.00	30.81 1.99 0.00	27.94 1.66 0.00	25.61 1.45 0.00	24.93 1.21 0.00	23.84 1.24 -0.03
NEG NORTH_FLCN_SEA 23793	25.58 -0.15 0.00	22.34 -0.02 0.00	21.79 -0.07 0.00	21.09 -0.08 0.00	19.17 -0.08 0.00	20.78 -0.04 0.00	22.28 -0.07 0.00	21.90 -0.38 0.00	23.97 -0.36 0.00	24.81 -0.43 0.00	24.10 -0.32 0.00	24.77 -0.25 0.00	24.59 -0.40 0.00	24.33 -0.30 0.00	24.40 -0.40 0.00	24.94 -0.54 0.00	27.21 -0.47 0.00	29.80 -0.45 0.00	30.64 0.24 0.00	29.03 0.20 0.00	26.52 0.24 0.00	24.28 0.12 0.00	23.72 0.00 0.00	22.47 -0.09 0.00
NEG NORTH_KES_CHATEGAY 23792	25.35 -0.39 0.00	22.14 -0.22 0.00	21.57 -0.28 0.00	20.88 -0.30 0.00	19.00 -0.25 0.00	20.57 -0.25 0.00	22.04 -0.31 0.00	21.83 -0.45 0.00	23.89 -0.44 0.00	24.76 -0.48 0.00	24.03 -0.39 0.00	24.72 -0.30 0.00	24.54 -0.45 0.00	24.26 -0.37 0.00	24.35 -0.45 0.00	24.87 -0.61 0.00	27.13 -0.55 0.00	29.71 -0.54 0.00	30.30 -0.09 0.00	28.71 -0.12 0.00	26.23 -0.05 0.00	24.04 -0.12 0.00	23.48 -0.24 0.00	22.25 -0.32 0.00
NEG NORTH___ALICE_FALLS 23915	25.60 -0.13 0.00	22.36 0.00 0.00	21.81 -0.04 0.00	21.11 -0.06 0.00	19.19 -0.06 0.00	20.80 -0.02 0.00	22.30 -0.04 0.00	22.01 -0.27 0.00	24.09 -0.24 0.00	24.94 -0.30 0.00	24.20 -0.22 0.00	24.89 -0.13 0.00	24.69 -0.30 0.00	24.43 -0.20 0.00	24.50 -0.30 0.00	25.05 -0.43 0.00	27.35 -0.33 0.00	29.95 -0.30 0.00	30.67 0.27 0.00	29.05 0.23 0.00	26.54 0.26 0.00	24.30 0.14 0.00	23.74 0.02 0.00	22.50 -0.07 0.00
NEG NORTH___LWR_SARANAC 23913	25.60 -0.13 0.00	22.36 0.00 0.00	21.81 -0.04 0.00	21.11 -0.06 0.00	19.19 -0.06 0.00	20.80 -0.02 0.00	22.30 -0.04 0.00	22.01 -0.27 0.00	24.09 -0.24 0.00	24.94 -0.30 0.00	24.20 -0.22 0.00	24.89 -0.13 0.00	24.69 -0.30 0.00	24.43 -0.20 0.00	24.50 -0.30 0.00	25.05 -0.43 0.00	27.35 -0.33 0.00	29.95 -0.30 0.00	30.67 0.27 0.00	29.05 0.23 0.00	26.54 0.26 0.00	24.30 0.14 0.00	23.74 0.02 0.00	22.50 -0.07 0.00
NEG NORTH___PLATTSBURG 23628	25.60 -0.13 0.00	22.32 -0.04 0.00	21.81 -0.04 0.00	21.09 -0.08 0.00	19.07 -0.17 0.00	20.69 -0.12 0.00	22.30 -0.04 0.00	22.01 -0.27 0.00	24.09 -0.24 0.00	24.94 -0.30 0.00	24.20 -0.22 0.00	24.89 -0.12 0.00	24.69 -0.30 0.00	24.43 -0.20 0.00	24.50 -0.30 0.00	25.04 -0.43 0.00	27.35 -0.33 0.00	29.95 -0.30 0.00	30.67 0.27 0.00	29.05 0.23 0.00	26.54 0.26 0.00	24.30 0.15 0.00	23.74 0.02 0.00	22.50 -0.07 0.00
NEG WEST_LEA_LOCKPORT 23791	23.34 -2.39 0.00	20.24 -2.12 0.00	19.79 -2.05 0.02	19.11 -2.05 0.02	17.46 -1.91 -0.12	18.78 -2.08 -0.05	20.10 -2.23 0.02	19.79 -2.47 0.02	21.54 -2.77 0.02	22.65 -2.57 0.02	21.89 -2.51 0.02	22.40 -2.60 0.02	22.13 -2.85 0.02	21.83 -2.78 0.02	21.97 -2.75 0.07	22.27 -2.98 0.23	24.28 -2.91 0.49	25.80 -3.36 1.09	26.32 -3.13 0.94	24.55 -3.43 0.85	23.56 -2.60 0.12	21.60 -2.54 0.02	21.38 -2.32 0.02	20.27 -2.28 0.01
NEG WEST___LANCASTR 23811	23.60 -2.14 0.00	20.42 -1.95 0.00	19.93 -1.90 0.02	19.38 -1.78 0.02	17.78 -1.58 -0.11	19.17 -1.69 -0.04	20.52 -1.81 0.02	20.78 -1.47 0.02	22.63 -1.68 0.02	23.05 -2.17 0.02	22.42 -1.98 0.02	22.95 -2.05 0.02	23.25 -1.72 0.02	22.86 -1.75 0.02	22.63 -2.08 0.08	23.28 -1.96 0.23	24.47 -2.71 0.50	26.33 -2.81 1.11	26.50 -2.95 0.95	25.83 -2.13 0.86	23.75 -2.42 0.12	22.23 -1.91 0.02	21.75 -1.94 0.02	20.97 -1.58 0.02
NEG_PENN_ALLEGHNY 23528	25.55 -0.18 0.00	22.16 -0.20 0.00	21.63 -0.22 0.01	20.96 -0.21 0.01	19.75 -0.19 -0.70	20.93 -0.21 -0.32	22.16 -0.18 0.01	22.11 -0.15 0.01	24.13 -0.20 0.01	25.06 -0.18 0.01	24.21 -0.20 0.01	24.81 -0.20 0.01	24.78 -0.20 0.01	24.37 -0.25 0.01	24.52 -0.25 0.03	25.17 -0.23 0.08	27.30 -0.22 0.16	29.68 -0.21 0.36	29.84 -0.24 0.31	28.34 -0.20 0.28	26.06 -0.18 0.04	23.98 -0.17 0.01	23.52 -0.19 0.01	22.36 -0.20 0.00
NEG___GEN_MONROE 24207	24.52 -1.21 0.00	21.29 -1.07 0.00	20.77 -1.07 0.01	20.06 -1.10 0.01	18.33 -1.04 -0.12	19.74 -1.12 -0.05	21.09 -1.25 0.01	20.79 -1.47 0.01	22.71 -1.61 0.01	23.87 -1.36 0.01	23.01 -1.39 0.01	23.51 -1.50 0.01	23.25 -1.72 0.01	22.92 -1.70 0.01	23.07 -1.66 0.07	23.43 -1.83 0.21	25.54 -1.66 0.48	27.26 -1.94 1.05	27.75 -1.73 0.91	25.99 -2.02 0.81	24.74 -1.42 0.12	22.65 -1.50 0.01	22.38 -1.33 0.01	21.20 -1.35 0.01



NEPA___ENERGY 23901	23.93 -1.80 0.00	20.71 -1.65 0.00	20.20 -1.64 0.02	19.57 -1.59 0.02	17.91 -1.46 -0.12	19.28 -1.58 -0.05	20.67 -1.65 0.02	20.67 -1.58 0.02	22.49 -1.82 0.02	23.33 -1.89 0.02	22.59 -1.81 0.02	23.10 -1.90 0.02	23.05 -1.92 0.02	22.71 -1.90 0.02	22.78 -1.93 0.08	23.23 -2.01 0.23	25.06 -2.13 0.49	26.82 -2.33 1.10	27.14 -2.31 0.94	25.72 -2.25 0.85	24.22 -1.94 0.11	22.30 -1.84 0.02	21.94 -1.76 0.02	20.88 -1.67 0.02
NEVERSink___HYD 23608	26.68 0.95 0.00	23.12 0.76 0.00	22.58 0.72 0.00	21.92 0.74 0.00	22.28 0.67 -2.36	22.64 0.71 -1.11	23.08 0.74 0.00	22.97 0.69 0.00	25.23 0.90 0.00	26.15 0.91 0.00	25.39 0.98 0.00	25.99 0.97 0.00	26.04 1.05 0.00	25.55 0.96 0.04	25.96 1.17 0.00	26.78 1.30 0.00	29.09 1.41 0.00	31.79 1.54 0.00	31.82 1.43 0.00	30.24 1.41 0.00	27.44 1.16 0.00	25.17 1.01 0.00	24.52 0.81 0.00	23.47 0.88 -0.03
NEWKRMKL_115KV_TB1 55635	26.30 0.57 0.00	22.94 0.58 0.00	22.58 0.72 0.00	21.92 0.74 0.00	23.31 0.62 -3.45	23.13 0.69 -1.62	23.09 0.74 0.00	22.99 0.71 0.00	25.18 0.85 0.00	25.95 0.71 0.00	25.05 0.63 0.00	25.67 0.65 0.00	25.71 0.72 0.00	25.37 0.74 0.00	25.61 0.82 0.00	26.29 0.82 0.00	28.46 0.78 0.00	31.13 0.88 0.00	31.25 0.85 0.00	29.66 0.84 0.00	27.02 0.74 0.00	24.88 0.72 0.00	24.33 0.62 0.00	23.21 0.61 -0.04
NEWTON___FALLS_HYD 23847	24.93 -0.80 0.00	21.71 -0.65 0.00	21.16 -0.70 0.00	20.46 -0.72 0.00	18.74 -0.58 -0.07	20.20 -0.65 -0.03	21.68 -0.67 0.00	21.58 -0.69 0.00	23.63 -0.71 0.00	24.63 -0.61 0.00	23.81 -0.61 0.00	24.39 -0.63 0.00	24.24 -0.75 0.00	23.86 -0.76 0.00	23.95 -0.84 0.00	24.48 -0.99 0.00	26.63 -1.05 0.00	29.28 -0.97 0.00	29.51 -0.88 0.00	27.87 -0.95 0.00	25.52 -0.76 0.00	23.41 -0.75 0.00	22.94 -0.78 0.00	21.80 -0.77 0.00
NGRID_A1_DSASP 323792	23.08 -2.65 0.00	19.95 -2.42 0.00	19.52 -2.32 0.02	18.85 -2.31 0.02	17.25 -2.12 -0.12	18.64 -2.23 -0.05	19.83 -2.50 0.02	19.88 -2.38 0.02	21.13 -3.19 0.02	22.30 -2.93 0.02	21.52 -2.88 0.02	21.83 -3.18 0.02	21.73 -3.25 0.02	21.46 -3.15 0.02	21.62 -3.10 0.07	21.89 -3.36 0.23	23.69 -3.49 0.50	25.40 -3.75 1.10	25.92 -3.53 0.95	24.14 -3.83 0.85	23.24 -2.92 0.12	21.29 -2.85 0.02	21.19 -2.51 0.02	19.80 -2.75 0.01
NGRID_A2_DSASP 323793	23.08 -2.65 0.00	19.95 -2.42 0.00	19.52 -2.32 0.02	18.85 -2.31 0.02	17.25 -2.12 -0.12	18.64 -2.23 -0.05	19.83 -2.50 0.02	19.88 -2.38 0.02	21.13 -3.19 0.02	22.30 -2.93 0.02	21.52 -2.88 0.02	21.83 -3.18 0.02	21.73 -3.25 0.02	21.46 -3.15 0.02	21.62 -3.10 0.07	21.89 -3.36 0.23	23.69 -3.49 0.50	25.40 -3.75 1.10	25.92 -3.53 0.95	24.14 -3.83 0.85	23.24 -2.92 0.12	21.29 -2.85 0.02	21.19 -2.51 0.02	19.80 -2.75 0.01
NGRID_A4_DSASP 323807	23.08 -2.65 0.00	19.95 -2.42 0.00	19.52 -2.32 0.02	18.85 -2.31 0.02	17.25 -2.12 -0.12	18.64 -2.23 -0.05	19.83 -2.50 0.02	19.88 -2.38 0.02	21.13 -3.19 0.02	22.30 -2.93 0.02	21.52 -2.88 0.02	21.83 -3.18 0.02	21.73 -3.25 0.02	21.46 -3.15 0.02	21.62 -3.10 0.07	21.89 -3.36 0.23	23.69 -3.49 0.50	25.40 -3.75 1.10	25.92 -3.53 0.95	24.14 -3.83 0.85	23.24 -2.92 0.12	21.29 -2.85 0.02	21.19 -2.51 0.02	19.80 -2.75 0.01
NIAGARA_115E_LBMP 323715	22.98 -2.75 0.00	19.88 -2.48 0.00	19.50 -2.34 0.02	18.83 -2.33 0.02	17.25 -2.12 -0.12	18.62 -2.25 -0.05	19.76 -2.57 0.02	19.81 -2.45 0.02	21.10 -3.21 0.02	22.22 -3.00 0.02	21.47 -2.93 0.02	21.78 -3.23 0.02	21.70 -3.27 0.02	21.41 -3.20 0.02	21.55 -3.17 0.07	21.84 -3.41 0.23	23.61 -3.57 0.50	25.31 -3.84 1.10	25.83 -3.62 0.95	24.08 -3.89 0.85	23.17 -3.00 0.12	21.22 -2.92 0.02	21.09 -2.61 0.02	19.75 -2.80 0.01
NIAGARA_115W_LBMP 323714	23.03 -2.70 0.00	19.93 -2.44 0.00	19.48 -2.36 0.02	18.81 -2.35 0.02	17.23 -2.14 -0.12	18.60 -2.27 -0.05	19.78 -2.55 0.02	19.83 -2.43 0.02	21.10 -3.21 0.02	22.25 -2.98 0.02	21.49 -2.91 0.02	21.78 -3.23 0.02	21.70 -3.27 0.02	21.41 -3.20 0.02	21.57 -3.15 0.07	21.84 -3.41 0.23	23.67 -3.52 0.50	25.34 -3.81 1.10	25.86 -3.59 0.95	24.08 -3.89 0.85	23.22 -2.94 0.12	21.24 -2.90 0.02	21.14 -2.56 0.02	19.77 -2.78 0.01
NIAGARA_230_LBMP 323716	23.26 -2.47 0.00	20.15 -2.21 0.00	19.70 -2.14 0.02	19.02 -2.14 0.02	17.43 -1.94 -0.12	18.80 -2.06 -0.05	20.01 -2.32 0.02	20.05 -2.21 0.02	21.37 -2.94 0.02	22.52 -2.70 0.02	21.74 -2.66 0.02	22.05 -2.95 0.02	21.97 -3.00 0.02	21.68 -2.93 0.02	21.85 -2.88 0.07	22.12 -3.13 0.23	23.94 -3.24 0.50	25.67 -3.48 1.10	26.19 -3.25 0.95	24.40 -3.58 0.85	23.48 -2.68 0.12	21.51 -2.63 0.02	21.38 -2.32 0.02	20.00 -2.55 0.01
NIAGARA___115KV_198_GIBSON 55903	22.95 -2.78 0.00	19.90 -2.46 0.00	19.46 -2.38 0.02	18.79 -2.37 0.02	17.15 -2.21 -0.12	18.45 -2.41 -0.05	19.76 -2.57 0.02	19.36 -2.90 0.02	21.10 -3.21 0.02	22.25 -2.98 0.02	21.47 -2.93 0.02	22.00 -3.00 0.02	21.70 -3.27 0.02	21.41 -3.20 0.02	21.57 -3.15 0.07	21.86 -3.39 0.23	23.89 -3.29 0.50	25.34 -3.81 1.10	25.86 -3.59 0.95	24.05 -3.92 0.85	23.19 -2.97 0.12	21.24 -2.90 0.02	21.07 -2.63 0.02	19.95 -2.59 0.01
NIAGARA___ 23760	23.26 -2.47 0.00	20.15 -2.21 0.00	19.70 -2.14 0.02	19.02 -2.14 0.02	17.42 -1.94 -0.12	18.80 -2.06 -0.05	20.01 -2.32 0.02	20.05 -2.21 0.02	21.37 -2.94 0.02	22.52 -2.70 0.02	21.74 -2.66 0.02	22.05 -2.95 0.02	21.97 -3.00 0.02	21.68 -2.93 0.02	21.84 -2.88 0.07	22.12 -3.13 0.23	23.94 -3.24 0.50	25.67 -3.48 1.10	26.19 -3.25 0.95	24.40 -3.58 0.85	23.48 -2.68 0.12	21.51 -2.63 0.02	21.38 -2.32 0.02	20.00 -2.55 0.01
NINE_MILE_1 23575	25.16 -0.57 0.00	21.85 -0.51 0.00	21.35 -0.50 0.00	20.67 -0.51 0.00	18.94 -0.46 -0.15	20.39 -0.50 -0.07	21.84 -0.51 0.00	21.74 -0.53 0.00	23.63 -0.71 0.00	24.56 -0.68 0.00	23.73 -0.68 0.00	24.29 -0.73 0.00	24.24 -0.75 0.00	23.89 -0.74 0.00	23.64 -0.84 0.31	23.48 -0.87 1.13	24.03 -0.91 2.74	23.48 -1.00 5.77	24.29 -0.97 5.14	23.43 -0.95 4.45	24.75 -0.81 0.72	23.46 -0.70 0.00	23.13 -0.59 0.00	21.98 -0.59 0.00
NINE_MILE_2 23744	25.16 -0.57 0.00	21.85 -0.51 0.00	21.35 -0.50 0.00	20.67 -0.51 0.00	18.94 -0.46 -0.15	20.41 -0.48 -0.07	21.84 -0.51 0.00	21.74 -0.53 0.00	23.63 -0.71 0.00	24.56 -0.68 0.00	23.76 -0.66 0.00	24.29 -0.73 0.00	24.26 -0.73 0.00	23.89 -0.74 0.00	23.64 -0.84 0.31	23.47 -0.87 1.14	24.00 -0.91 2.77	23.41 -1.00 5.85	24.22 -0.97 5.20	23.37 -0.95 4.50	24.74 -0.81 0.73	23.46 -0.70 0.00	23.13 -0.59 0.00	21.98 -0.59 0.00
NM_CAPITAL___DRP 24208	26.40 0.67 0.00	22.99 0.63 0.00	22.60 0.74 0.00	21.94 0.76 0.00	23.34 0.65 -3.44	23.16 0.73 -1.62	23.11 0.76 0.00	23.03 0.76 0.00	25.23 0.90 0.00	26.00 0.76 0.00	25.12 0.71 0.00	25.72 0.70 0.00	25.79 0.80 0.00	25.48 0.81 -0.04	25.69 0.89 0.00	26.40 0.92 0.00	28.57 0.89 0.00	31.22 0.97 0.00	31.34 0.94 0.00	29.75 0.92 0.00	27.10 0.81 0.00	24.95 0.80 0.00	24.41 0.69 0.00	23.28 0.68 -0.04



NM_CENTRAL___DRP 24181	25.47 -0.26 0.00	22.10 -0.27 0.00	21.59 -0.26 0.00	20.90 -0.28 0.00	19.21 -0.25 -0.22	20.65 -0.27 -0.10	22.10 -0.25 0.00	22.01 -0.27 0.00	23.99 -0.34 0.00	24.96 -0.28 0.00	24.10 -0.32 0.00	24.69 -0.33 0.00	24.62 -0.37 0.00	24.23 -0.39 0.00	24.31 -0.47 0.02	24.91 -0.51 0.06	27.06 -0.47 0.15	29.41 -0.51 0.32	29.62 -0.49 0.29	28.08 -0.49 0.25	25.85 -0.39 0.04	23.79 -0.36 0.00	23.46 -0.26 0.00	22.30 -0.27 0.00
NM_FRONTIER___DRP 24179	22.95 -2.78 0.00	19.90 -2.46 0.00	19.46 -2.38 0.02	18.79 -2.37 0.02	17.15 -2.21 -0.12	18.45 -2.41 -0.05	19.76 -2.57 0.02	19.36 -2.90 0.02	21.10 -3.21 0.02	22.25 -2.98 0.02	21.47 -2.93 0.02	22.00 -3.00 0.02	21.70 -3.27 0.02	21.41 -3.20 0.02	21.57 -3.15 0.07	21.86 -3.39 0.23	23.89 -3.29 0.50	25.34 -3.81 1.10	25.86 -3.59 0.95	24.05 -3.92 0.85	23.19 -2.97 0.12	21.24 -2.90 0.02	21.07 -2.63 0.02	19.95 -2.59 0.01
NM_ST_REGIS___HYD 24053	24.88 -0.85 0.00	21.71 -0.65 0.00	21.13 -0.72 0.00	20.46 -0.72 0.00	18.69 -0.56 0.00	20.17 -0.65 0.00	21.61 -0.74 0.00	21.50 -0.78 0.00	23.55 -0.78 0.00	24.46 -0.78 0.00	23.68 -0.73 0.00	24.32 -0.70 0.00	24.19 -0.80 0.00	23.86 -0.76 0.00	23.93 -0.87 0.00	24.46 -1.02 0.00	26.63 -1.05 0.00	29.13 -1.12 0.00	29.48 -0.91 0.00	27.90 -0.92 0.00	25.44 -0.84 0.00	23.34 -0.82 0.00	22.82 -0.90 0.00	21.68 -0.88 0.00
NORTHPORT___1 23551	35.34 1.60 -8.01	31.64 1.39 -7.89	30.22 1.38 -6.98	27.79 1.44 -5.17	27.52 1.33 -6.95	26.07 1.35 -3.90	23.71 1.36 0.00	25.58 1.56 -1.75	25.91 1.58 0.00	27.08 1.77 -0.07	31.05 1.66 -4.97	32.87 1.65 -6.20	32.33 1.75 -5.60	33.39 1.70 -7.06	33.54 1.91 -6.83	33.99 2.09 -6.42	34.00 2.22 -4.11	35.89 2.39 -3.25	35.47 2.28 -2.79	34.95 2.25 -3.88	32.59 1.92 -4.39	31.05 1.67 -5.23	29.62 1.61 -4.29	27.39 1.69 -3.13
NORTHPORT___2 23552	35.34 1.60 -8.01	31.64 1.39 -7.89	30.22 1.38 -6.98	27.79 1.44 -5.17	27.52 1.33 -6.95	26.07 1.35 -3.90	23.71 1.36 0.00	25.58 1.56 -1.75	25.91 1.58 0.00	27.08 1.77 -0.07	31.05 1.66 -4.97	32.87 1.65 -6.20	32.33 1.75 -5.60	33.39 1.70 -7.06	33.54 1.91 -6.83	33.99 2.09 -6.42	34.00 2.22 -4.11	35.89 2.39 -3.25	35.47 2.28 -2.79	34.95 2.25 -3.88	32.59 1.92 -4.39	31.05 1.67 -5.23	29.62 1.61 -4.29	27.39 1.69 -3.13
NORTHPORT___3 23553	35.26 1.52 -8.01	31.52 1.27 -7.89	30.13 1.29 -6.98	27.66 1.31 -5.17	27.37 1.17 -6.95	25.94 1.23 -3.90	23.58 1.23 0.00	25.38 1.36 -1.75	25.84 1.51 0.00	27.00 1.69 -0.07	31.15 1.76 -4.97	33.07 1.85 -6.20	32.48 1.90 -5.60	33.61 1.92 -7.06	33.71 2.08 -6.83	34.14 2.24 -6.42	34.11 2.33 -4.11	35.98 2.48 -3.25	35.53 2.34 -2.79	34.98 2.28 -3.88	32.56 1.89 -4.39	31.05 1.67 -5.23	29.48 1.47 -4.29	27.25 1.56 -3.13
NORTHPORT___4 23650	35.26 1.52 -8.01	31.52 1.27 -7.89	30.13 1.29 -6.98	27.66 1.31 -5.17	27.37 1.17 -6.95	25.94 1.23 -3.90	23.58 1.23 0.00	25.38 1.36 -1.75	25.84 1.51 0.00	27.00 1.69 -0.07	31.15 1.76 -4.97	33.07 1.85 -6.20	32.48 1.90 -5.60	33.61 1.92 -7.06	33.71 2.08 -6.83	34.14 2.24 -6.42	34.11 2.33 -4.11	35.98 2.48 -3.25	35.53 2.34 -2.79	34.98 2.28 -3.88	32.56 1.89 -4.39	31.05 1.67 -5.23	29.48 1.47 -4.29	27.25 1.56 -3.13
NORTHPORT___IC 23718	35.44 1.70 -8.01	31.68 1.43 -7.89	30.30 1.46 -6.98	27.83 1.48 -5.17	27.53 1.33 -6.95	26.11 1.39 -3.90	23.85 1.50 0.00	25.67 1.65 -1.75	25.91 1.58 0.00	27.08 1.77 -0.07	31.05 1.66 -4.97	32.82 1.60 -6.20	32.31 1.72 -5.60	33.39 1.70 -7.06	33.54 1.91 -6.83	33.99 2.09 -6.42	33.95 2.16 -4.11	35.89 2.39 -3.25	35.44 2.25 -2.79	34.95 2.25 -3.88	32.56 1.89 -4.39	31.05 1.67 -5.23	29.64 1.64 -4.29	27.35 1.65 -3.13
NORTH___COUNTRY_ESR 323785	25.24 -0.49 0.00	22.03 -0.33 0.00	21.51 -0.35 0.00	20.82 -0.36 0.00	18.82 -0.42 0.00	20.40 -0.42 0.00	21.97 -0.38 0.00	21.76 -0.51 0.00	23.82 -0.51 0.00	24.68 -0.56 0.00	23.95 -0.46 0.00	24.62 -0.40 0.00	24.46 -0.53 0.00	24.18 -0.44 0.00	24.27 -0.52 0.00	24.79 -0.69 0.00	27.04 -0.64 0.00	29.61 -0.64 0.00	30.21 -0.18 0.00	28.62 -0.20 0.00	26.15 -0.13 0.00	23.94 -0.22 0.00	23.41 -0.31 0.00	22.18 -0.38 0.00
NPX_GEN_1385_PROXY 323591	34.62 0.88 -8.01	31.28 1.03 -7.89	29.69 0.85 -6.98	27.60 1.25 -5.17	27.43 1.23 -6.95	26.01 1.29 -3.90	23.78 1.43 0.00	25.85 1.83 -1.75	25.84 1.51 0.00	27.00 1.69 -0.07	30.00 0.98 -4.61	30.41 0.95 -4.44	31.66 1.07 -5.60	32.75 1.06 -7.06	32.94 1.31 -6.83	33.44 1.71 -6.25	33.92 1.97 -4.27	35.89 2.39 -3.25	35.77 2.58 -2.79	35.30 2.60 -3.88	33.04 2.37 -4.39	30.81 1.42 -5.23	29.48 1.47 -4.29	27.30 1.60 -3.13
NPX_GEN_CSC 323557	35.49 1.75 -8.01	31.70 1.45 -7.89	30.35 1.51 -6.98	27.83 1.48 -5.17	27.52 1.33 -6.95	26.17 1.46 -3.90	23.76 1.41 0.00	25.63 1.60 -1.75	25.60 1.26 0.00	26.80 1.49 -0.07	30.93 1.54 -4.97	32.85 1.63 -6.20	32.26 1.67 -5.60	33.41 1.72 -7.06	33.54 1.91 -6.83	33.80 2.06 -6.25	34.11 2.16 -4.27	35.80 2.30 -3.25	35.31 2.13 -2.79	34.75 2.05 -3.88	32.38 1.71 -4.39	30.83 1.45 -5.23	29.71 1.71 -4.29	27.48 1.78 -3.13
NSINS_S___GLNS_FALLS 23858	27.71 1.98 0.00	24.09 1.72 0.00	23.50 1.64 0.00	22.77 1.59 0.00	24.23 1.44 -3.54	24.08 1.60 -1.66	24.09 1.74 0.00	23.88 1.60 0.00	26.30 1.97 0.00	27.26 2.02 0.00	26.12 1.71 0.00	26.77 1.75 0.00	26.71 1.72 0.00	26.25 1.63 0.00	26.46 1.66 0.00	27.24 1.76 0.00	29.51 1.83 0.00	32.37 2.12 0.00	32.80 2.40 0.00	31.19 2.36 0.00	28.44 2.16 0.00	26.11 1.96 0.00	25.47 1.76 0.00	24.23 1.62 -0.04
NUCOR_STEEL___DRP 24197	25.60 -0.13 0.00	22.21 -0.16 0.00	21.68 -0.17 0.00	20.98 -0.19 0.00	19.25 -0.19 -0.19	20.72 -0.19 -0.09	22.19 -0.16 0.00	22.09 -0.18 0.00	24.06 -0.27 0.00	25.06 -0.18 0.00	24.19 -0.22 0.00	24.79 -0.23 0.00	24.71 -0.27 0.00	24.28 -0.34 0.00	24.36 -0.42 0.01	25.02 -0.43 0.02	27.26 -0.39 0.04	29.74 -0.42 0.09	29.96 -0.36 0.07	28.38 -0.37 0.07	26.01 -0.26 0.01	23.89 -0.27 0.00	23.55 -0.17 0.00	22.34 -0.23 0.00
NUMBER_THREE_WT_PWR 323818	25.42 -0.31 0.00	22.07 -0.29 0.00	21.51 -0.35 0.00	20.80 -0.38 0.00	18.99 -0.35 -0.09	20.57 -0.29 -0.04	22.12 -0.22 0.00	22.01 -0.27 0.00	24.11 -0.22 0.00	25.21 -0.03 0.00	24.34 -0.07 0.00	24.92 -0.10 0.00	24.76 -0.23 0.00	24.36 -0.27 0.00	24.47 -0.32 0.00	24.97 -0.51 0.00	27.15 -0.53 0.00	30.01 -0.24 0.00	30.18 -0.21 0.00	28.42 -0.40 0.00	26.15 -0.13 0.00	24.01 -0.14 0.00	23.53 -0.19 0.00	22.34 -0.23 0.00
NYISO_LBMP_REFERENCE 24008	25.73 0.00 0.00	22.36 0.00 0.00	21.86 0.00 0.00	21.18 0.00 0.00	19.25 0.00 0.00	20.82 0.00 0.00	22.35 0.00 0.00	22.28 0.00 0.00	24.33 0.00 0.00	25.24 0.00 0.00	24.42 0.00 0.00	25.02 0.00 0.00	24.99 0.00 0.00	24.63 0.00 0.00	24.79 0.00 0.00	25.48 0.00 0.00	27.68 0.00 0.00	30.25 0.00 0.00	30.39 0.00 0.00	28.82 0.00 0.00	26.28 0.00 0.00	24.16 0.00 0.00	23.72 0.00 0.00	22.56 0.00 0.00



NYPA_BRENTWD____GT 24164	35.62 1.88 -8.01	31.84 1.59 -7.89	30.43 1.59 -6.98	27.96 1.61 -5.17	27.66 1.46 -6.95	26.26 1.54 -3.90	23.89 1.54 0.00	25.74 1.72 -1.75	26.08 1.75 0.00	27.30 1.99 -0.07	31.34 1.95 -4.97	33.23 2.00 -6.20	32.66 2.07 -5.60	33.78 2.09 -7.06	33.91 2.28 -6.83	34.34 2.45 -6.42	34.39 2.60 -4.11	36.32 2.81 -3.25	35.83 2.64 -2.79	35.27 2.56 -3.88	32.88 2.21 -4.39	31.29 1.91 -5.23	29.83 1.83 -4.29	27.59 1.90 -3.13
NYPA_GOWANUS____GT5 24156	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NYPA_GOWANUS____GT6 24157	39.97 1.47 -12.77	23.62 1.25 -0.01	23.13 1.27 -0.01	22.46 1.27 -0.01	23.12 1.15 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.52 1.25 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.28 1.83 -19.44	40.34 1.88 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.44 2.27 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.07 1.35 0.00	24.15 1.56 -0.03
NYPA_HARLEM__RVR__GT1 24160	27.13 1.39 -0.01	23.56 1.18 -0.01	23.07 1.20 -0.01	22.37 1.19 -0.01	23.04 1.08 -2.71	23.13 1.04 -1.28	23.47 1.12 0.00	23.39 1.11 0.00	25.73 1.41 0.01	26.70 1.46 0.01	25.97 1.56 0.01	26.64 1.63 0.01	26.66 1.67 0.01	26.49 1.70 -0.17	26.65 1.86 0.01	27.49 2.01 0.00	29.69 2.02 0.01	32.33 2.09 0.01	32.30 1.92 0.01	30.72 1.90 0.01	27.82 1.55 0.01	25.48 1.33 0.01	24.86 1.14 0.00	24.06 1.47 -0.03
NYPA_HARLEM__RVR__GT2 24161	27.13 1.39 -0.01	23.56 1.18 -0.01	23.07 1.20 -0.01	22.37 1.19 -0.01	23.04 1.08 -2.71	23.13 1.04 -1.28	23.47 1.12 0.00	23.39 1.11 0.00	25.73 1.41 0.01	26.70 1.46 0.01	25.97 1.56 0.01	26.64 1.63 0.01	26.66 1.67 0.01	26.49 1.70 -0.17	26.65 1.86 0.01	27.49 2.01 0.00	29.69 2.02 0.01	32.33 2.09 0.01	32.30 1.92 0.01	30.72 1.90 0.01	27.82 1.55 0.01	25.48 1.33 0.01	24.86 1.14 0.00	24.06 1.47 -0.03
NYPA_KENT____GT 24152	34.46 1.41 -7.31	23.58 1.21 -0.01	23.09 1.22 -0.01	22.41 1.23 -0.01	23.08 1.12 -2.71	23.17 1.08 -1.28	23.53 1.18 0.00	23.50 1.22 0.00	33.93 1.56 -8.04	34.32 1.59 -7.49	34.02 1.68 -7.92	37.92 1.78 -11.13	34.53 1.82 -7.72	37.90 1.85 -11.42	35.50 2.01 -8.70	38.35 2.16 -10.71	38.76 2.22 -8.87	39.45 2.33 -6.88	39.21 2.13 -6.69	38.65 2.10 -7.73	34.83 1.73 -6.81	25.66 1.50 0.00	25.02 1.30 0.00	24.08 1.49 -0.03
NYPA_POUCH1____GT 24155	39.89 1.39 -12.77	23.60 1.23 -0.01	23.11 1.25 -0.01	22.43 1.25 -0.01	23.10 1.14 -2.71	23.19 1.10 -1.28	23.53 1.18 0.00	23.45 1.18 0.00	39.88 1.51 -14.04	39.89 1.57 -13.08	39.88 1.64 -13.83	46.18 1.73 -19.44	40.24 1.77 -13.48	46.24 1.80 -19.82	41.95 1.96 -15.19	46.32 2.14 -18.70	45.33 2.16 -15.49	44.53 2.27 -12.01	44.18 2.10 -11.69	44.36 2.05 -13.49	39.87 1.68 -11.90	25.63 1.47 0.00	25.02 1.30 0.00	24.11 1.51 -0.03
NYPA_VERNON____GT2 24162	28.95 1.36 -1.86	23.51 1.14 -0.01	23.02 1.16 -0.01	22.37 1.19 -0.01	23.02 1.06 -2.71	23.15 1.06 -1.28	23.49 1.14 0.00	23.45 1.18 0.00	27.88 1.51 -2.04	28.70 1.57 -1.90	28.08 1.66 -2.01	29.56 1.73 -2.82	28.72 1.77 -1.95	29.45 1.80 -3.02	28.96 1.96 -2.20	30.30 2.11 -2.71	32.09 2.16 -2.25	34.23 2.24 -1.74	34.16 2.07 -1.69	32.80 2.02 -1.96	29.69 1.68 -1.73	25.61 1.45 0.00	24.97 1.26 0.00	24.02 1.42 -0.03
NYPA_VERNON____GT3 24163	28.95 1.36 -1.86	23.51 1.14 -0.01	23.02 1.16 -0.01	22.37 1.19 -0.01	23.02 1.06 -2.71	23.15 1.06 -1.28	23.49 1.14 0.00	23.45 1.18 0.00	27.88 1.51 -2.04	28.70 1.57 -1.90	28.08 1.66 -2.01	29.56 1.73 -2.82	28.72 1.77 -1.95	29.45 1.80 -3.02	28.96 1.96 -2.20	30.30 2.11 -2.71	32.09 2.16 -2.25	34.23 2.24 -1.74	34.16 2.07 -1.69	32.80 2.02 -1.96	29.69 1.68 -1.73	25.61 1.45 0.00	24.97 1.26 0.00	24.02 1.42 -0.03
NYPA__ASTORIA_CC1 323568	27.08 1.34 -0.01	23.49 1.12 -0.01	23.00 1.14 -0.01	22.35 1.16 -0.01	23.00 1.04 -2.71	23.13 1.04 -1.28	23.47 1.12 0.00	23.43 1.16 0.00	25.82 1.48 0.00	26.75 1.51 0.00	26.03 1.61 0.00	26.72 1.70 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.94 0.00	27.57 2.09 0.00	29.78 2.10 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.95 1.23 0.00	24.02 1.42 -0.03
NYPA__ASTORIA_CC2 323569	27.08 1.34 -0.01	23.49 1.12 -0.01	23.00 1.14 -0.01	22.35 1.16 -0.01	23.00 1.04 -2.71	23.13 1.04 -1.28	23.47 1.12 0.00	23.43 1.16 0.00	25.82 1.48 0.00	26.75 1.51 0.00	26.03 1.61 0.00	26.72 1.70 0.00	26.74 1.75 0.00	26.58 1.77 -0.18	26.73 1.94 0.00	27.57 2.09 0.00	29.78 2.10 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.95 1.23 0.00	24.02 1.42 -0.03
NYPA__HOLTSVILL 23794	35.41 1.67 -8.01	31.66 1.41 -7.89	30.28 1.44 -6.98	27.79 1.44 -5.17	27.51 1.31 -6.95	26.11 1.39 -3.90	23.71 1.36 0.00	25.58 1.56 -1.75	25.82 1.48 0.00	27.03 1.72 -0.07	31.10 1.71 -4.97	33.00 1.78 -6.20	32.41 1.82 -5.60	33.54 1.85 -7.06	33.68 2.06 -6.83	34.09 2.19 -6.42	34.09 2.30 -4.11	35.98 2.48 -3.25	35.50 2.31 -2.79	34.95 2.25 -3.88	32.56 1.89 -4.39	31.03 1.64 -5.23	29.69 1.68 -4.29	27.46 1.76 -3.13
NYPA__HELLGATE_GT1 24158	27.13 1.39 -0.01	23.56 1.18 -0.01	23.07 1.20 -0.01	22.37 1.19 -0.01	23.04 1.08 -2.71	23.13 1.04 -1.28	23.47 1.12 0.00	23.39 1.11 0.00	25.73 1.41 0.01	26.70 1.46 0.01	25.97 1.56 0.01	26.64 1.63 0.01	26.66 1.67 0.01	26.49 1.70 -0.17	26.65 1.86 0.01	27.49 2.01 0.00	29.69 2.02 0.01	32.33 2.09 0.01	32.30 1.92 0.01	30.72 1.90 0.01	27.82 1.55 0.01	25.48 1.33 0.01	24.86 1.14 0.00	24.06 1.47 -0.03
NYPA__HELLGATE_GT2 24159	27.13 1.39 -0.01	23.56 1.18 -0.01	23.07 1.20 -0.01	22.37 1.19 -0.01	23.04 1.08 -2.71	23.13 1.04 -1.28	23.47 1.12 0.00	23.39 1.11 0.00	25.73 1.41 0.01	26.70 1.46 0.01	25.97 1.56 0.01	26.64 1.63 0.01	26.66 1.67 0.01	26.49 1.70 -0.17	26.65 1.86 0.01	27.49 2.01 0.00	29.69 2.02 0.01	32.33 2.09 0.01	32.30 1.92 0.01	30.72 1.90 0.01	27.82 1.55 0.01	25.48 1.33 0.01	24.86 1.14 0.00	24.06 1.47 -0.03
NYS_BARGE__HYD 23848	23.42 -2.32 0.00	20.24 -2.13 0.00	19.83 -2.01 0.02	19.15 -2.01 0.02	17.52 -1.85 -0.12	18.91 -1.96 -0.05	20.12 -2.21 0.02	20.19 -2.07 0.02	21.54 -2.77 0.02	22.65 -2.57 0.02	21.89 -2.51 0.02	22.20 -2.80 0.02	22.12 -2.85 0.02	21.83 -2.78 0.02	21.94 -2.78 0.07	22.25 -3.01 0.23	24.06 -3.13 0.49	25.80 -3.36 1.09	26.32 -3.13 0.94	24.58 -3.40 0.84	23.59 -2.57 0.12	21.61 -2.54 0.02	21.45 -2.25 0.02	20.11 -2.44 0.01



OAK ORCHARD___HYD 24046	24.60 -1.13 0.00	21.29 -1.07 0.00	20.77 -1.07 0.01	20.06 -1.10 0.01	18.37 -1.00 -0.12	19.85 -1.02 -0.05	21.17 -1.16 0.01	21.22 -1.05 0.01	22.76 -1.56 0.01	23.94 -1.29 0.01	23.11 -1.29 0.01	23.48 -1.53 0.01	23.38 -1.60 0.01	23.02 -1.60 0.01	23.19 -1.54 0.07	23.53 -1.73 0.21	25.51 -1.69 0.48	27.42 -1.78 1.05	27.90 -1.58 0.91	26.17 -1.85 0.81	24.88 -1.29 0.12	22.77 -1.38 0.01	22.55 -1.16 0.01	21.09 -1.47 0.01
OAKDALE___35_KV_LOAD 356122	25.45 -0.28 0.00	22.07 -0.29 0.00	21.56 -0.28 0.01	20.89 -0.28 0.01	19.59 -0.27 -0.61	20.81 -0.29 -0.28	22.07 -0.27 0.01	22.04 -0.22 0.01	24.05 -0.27 0.01	24.95 -0.28 0.01	24.14 -0.27 0.01	24.71 -0.30 0.01	24.68 -0.30 0.01	24.30 -0.32 0.01	24.44 -0.32 0.04	25.07 -0.31 0.10	27.17 -0.30 0.21	29.44 -0.33 0.48	29.66 -0.33 0.41	28.16 -0.29 0.37	25.97 -0.26 0.05	23.88 -0.27 0.01	23.45 -0.26 0.01	22.29 -0.27 0.00
OCC_CHEM___DRP 24175	23.00 -2.73 0.00	19.95 -2.42 0.00	19.48 -2.36 0.02	18.83 -2.33 0.02	17.19 -2.17 -0.12	18.49 -2.37 -0.05	19.78 -2.55 0.02	19.41 -2.85 0.02	21.13 -3.19 0.02	22.30 -2.93 0.02	21.52 -2.88 0.02	22.03 -2.98 0.02	21.75 -3.22 0.02	21.46 -3.15 0.02	21.62 -3.10 0.07	21.91 -3.34 0.23	23.94 -3.24 0.50	25.40 -3.75 1.10	25.92 -3.53 0.95	24.08 -3.89 0.85	23.22 -2.94 0.12	21.29 -2.85 0.02	21.09 -2.61 0.02	20.00 -2.55 0.01
OH_GEN_PROXY 24063	23.31 -2.42 0.00	20.17 -2.19 0.00	19.72 -2.12 0.02	18.05 -2.10 1.03	14.99 -1.92 2.33	16.23 -2.04 2.55	18.39 -2.30 1.66	19.11 -2.18 0.98	21.42 -2.90 0.02	22.57 -2.65 0.02	21.79 -2.61 0.02	22.10 -2.90 0.02	22.03 -2.95 0.02	21.73 -2.88 0.02	21.89 -2.83 0.07	22.05 -3.03 0.39	24.22 -3.13 0.33	25.76 -3.39 1.10	26.29 -3.16 0.95	24.51 -3.46 0.85	23.53 -2.63 0.12	21.56 -2.58 0.02	21.43 -2.28 0.02	20.04 -2.51 0.01
OLIN_CORP_DRP 24177	22.98 -2.75 0.00	19.93 -2.44 0.00	19.52 -2.32 0.02	18.85 -2.31 0.02	17.21 -2.16 -0.12	18.51 -2.35 -0.05	19.78 -2.55 0.02	19.43 -2.83 0.02	21.15 -3.16 0.02	22.30 -2.93 0.02	21.52 -2.88 0.02	22.03 -2.98 0.02	21.75 -3.22 0.02	21.46 -3.15 0.02	21.60 -3.12 0.07	21.91 -3.34 0.23	23.89 -3.29 0.50	25.37 -3.78 1.10	25.89 -3.56 0.95	24.11 -3.86 0.85	23.19 -2.97 0.12	21.27 -2.87 0.02	21.07 -2.63 0.02	19.98 -2.57 0.02
OLIN_CORP_DSASP 323712	23.08 -2.65 0.00	19.95 -2.42 0.00	19.52 -2.32 0.02	18.85 -2.31 0.02	17.25 -2.12 -0.12	18.64 -2.23 -0.05	19.83 -2.50 0.02	19.88 -2.38 0.02	21.13 -3.19 0.02	22.30 -2.93 0.02	21.52 -2.88 0.02	21.83 -3.18 0.02	21.73 -3.25 0.02	21.46 -3.15 0.02	21.62 -3.10 0.07	21.89 -3.36 0.23	23.69 -3.49 0.50	25.40 -3.75 1.10	25.92 -3.53 0.95	24.14 -3.83 0.85	23.24 -2.92 0.12	21.29 -2.85 0.02	21.19 -2.51 0.02	19.80 -2.75 0.01
ONEIDA_HERK_LFGE 323681	25.96 0.23 0.00	22.54 0.18 0.00	22.01 0.15 0.00	21.30 0.13 0.00	19.44 0.12 -0.07	21.02 0.17 -0.03	22.59 0.25 0.00	22.52 0.25 0.00	24.65 0.32 0.00	25.64 0.40 0.00	24.78 0.37 0.00	25.40 0.38 0.00	25.27 0.28 0.00	24.85 0.22 0.00	24.97 0.17 0.00	25.61 0.13 0.00	27.82 0.14 0.00	30.52 0.27 0.00	30.70 0.30 0.00	29.03 0.20 0.00	26.60 0.32 0.00	24.42 0.27 0.00	23.93 0.21 0.00	22.72 0.16 0.00
ONEIDA___115KV_TB4 55905	26.30 0.57 0.00	22.81 0.45 0.00	22.27 0.42 0.00	21.58 0.40 0.00	19.74 0.35 -0.14	21.28 0.40 -0.07	22.86 0.51 0.00	22.81 0.53 0.00	24.89 0.56 0.00	25.85 0.61 0.00	24.98 0.56 0.00	25.57 0.55 0.00	25.49 0.50 0.00	25.05 0.42 0.00	25.16 0.37 0.01	25.85 0.41 0.03	28.02 0.42 0.08	30.60 0.51 0.17	30.76 0.52 0.15	29.18 0.49 0.13	26.76 0.50 0.02	24.59 0.43 0.00	24.15 0.43 0.00	22.93 0.36 0.00
ONONDAGA_REF_OCCRA 23987	25.55 -0.18 0.00	22.16 -0.20 0.00	21.66 -0.20 0.00	20.97 -0.21 0.00	19.38 -0.21 -0.35	20.75 -0.23 -0.17	22.17 -0.18 0.00	22.08 -0.20 0.00	24.09 -0.24 0.00	25.04 -0.20 0.00	24.20 -0.22 0.00	24.80 -0.23 0.00	24.72 -0.27 0.00	24.31 -0.32 0.00	24.42 -0.37 0.00	25.05 -0.41 0.02	27.25 -0.36 0.07	29.73 -0.39 0.13	29.91 -0.36 0.12	28.35 -0.37 0.10	25.97 -0.29 0.02	23.90 -0.27 0.00	23.53 -0.19 0.00	22.37 -0.20 -0.01
ONONDAGA___COGEN 23986	25.58 -0.15 0.00	22.21 -0.16 0.00	21.68 -0.17 0.00	21.01 -0.17 0.00	19.31 -0.17 -0.24	20.74 -0.19 -0.11	22.19 -0.16 0.00	22.10 -0.18 0.00	24.09 -0.24 0.00	25.06 -0.18 0.00	24.20 -0.22 0.00	24.82 -0.20 0.00	24.74 -0.25 0.00	24.33 -0.30 0.00	24.42 -0.37 0.00	25.07 -0.41 0.00	27.29 -0.39 0.00	29.83 -0.42 0.00	30.03 -0.36 0.00	28.45 -0.37 0.00	25.99 -0.29 0.00	23.92 -0.24 0.00	23.55 -0.17 0.00	22.39 -0.18 0.00
ONTARIO___LFGE 23819	25.27 -0.46 0.00	21.87 -0.49 0.00	21.31 -0.52 0.02	20.60 -0.55 0.02	18.72 -0.50 0.03	20.29 -0.50 0.03	21.83 -0.49 0.02	21.83 -0.42 0.02	23.70 -0.61 0.02	24.71 -0.50 0.02	23.81 -0.59 0.02	24.32 -0.67 0.02	24.24 -0.73 0.02	23.79 -0.81 0.02	23.90 -0.82 0.08	24.39 -0.87 0.22	26.43 -0.80 0.45	28.41 -0.82 1.02	28.80 -0.73 0.86	27.28 -0.75 0.79	25.63 -0.55 0.10	23.53 -0.60 0.02	23.15 -0.54 0.02	21.86 -0.68 0.02
ORANGEVILLE_WT_PWR 323706	23.93 -1.80 0.00	20.69 -1.68 0.00	20.17 -1.66 0.02	19.48 -1.67 0.02	17.81 -1.52 -0.09	19.24 -1.60 -0.03	20.58 -1.74 0.02	20.60 -1.65 0.02	22.24 -2.07 0.02	23.20 -2.02 0.02	22.42 -1.98 0.02	22.84 -2.15 0.02	22.79 -2.17 0.02	22.41 -2.19 0.02	22.46 -2.26 0.08	22.87 -2.37 0.24	24.68 -2.49 0.51	26.42 -2.69 1.14	26.87 -2.55 0.97	25.35 -2.59 0.88	24.06 -2.10 0.12	22.13 -2.00 0.02	21.82 -1.87 0.02	20.69 -1.85 0.02
ORANGEVILLE___ESR 323794	23.93 -1.80 0.00	20.69 -1.68 0.00	20.17 -1.66 0.02	19.48 -1.67 0.02	17.81 -1.52 -0.09	19.24 -1.60 -0.03	20.58 -1.74 0.02	20.60 -1.65 0.02	22.24 -2.07 0.02	23.20 -2.02 0.02	22.42 -1.98 0.02	22.84 -2.15 0.02	22.79 -2.17 0.02	22.41 -2.19 0.02	22.46 -2.26 0.08	22.87 -2.37 0.24	24.68 -2.49 0.51	26.42 -2.69 1.14	26.87 -2.55 0.97	25.35 -2.59 0.88	24.06 -2.10 0.12	22.13 -2.00 0.02	21.82 -1.87 0.02	20.69 -1.85 0.02
OSWEGATCHIE___HYD 24044	24.93 -0.80 0.00	21.69 -0.67 0.00	21.16 -0.70 0.00	20.46 -0.72 0.00	18.68 -0.63 -0.07	20.16 -0.69 -0.03	21.68 -0.67 0.00	21.58 -0.69 0.00	23.63 -0.71 0.00	24.63 -0.61 0.00	23.81 -0.61 0.00	24.39 -0.62 0.00	24.24 -0.75 0.00	23.86 -0.76 0.00	23.95 -0.84 0.00	24.48 -0.99 0.00	26.63 -1.05 0.00	29.28 -0.97 0.00	29.51 -0.88 0.00	27.87 -0.95 0.00	25.52 -0.76 0.00	23.41 -0.75 0.00	22.94 -0.78 0.00	21.80 -0.77 0.00
OSWEGO___5 23606	25.27 -0.46 0.00	21.94 -0.43 0.00	21.44 -0.42 0.00	20.75 -0.42 0.00	19.04 -0.38 -0.18	20.50 -0.40 -0.08	21.92 -0.43 0.00	21.85 -0.42 0.00	23.75 -0.58 0.00	24.68 -0.56 0.00	23.86 -0.56 0.00	24.42 -0.60 0.00	24.37 -0.62 0.00	24.01 -0.61 0.00	24.22 -0.69 -0.12	25.19 -0.74 -0.45	28.00 -0.77 -1.10	31.75 -0.82 -2.32	31.67 -0.79 -2.06	29.83 -0.78 -1.78	25.91 -0.66 -0.29	23.58 -0.58 0.00	23.24 -0.47 0.00	22.07 -0.50 0.00



OSWEGO___6 23613	25.27 -0.46 0.00	21.94 -0.43 0.00	21.44 -0.42 0.00	20.75 -0.42 0.00	19.04 -0.38 -0.18	20.50 -0.40 -0.08	21.92 -0.43 0.00	21.85 -0.42 0.00	23.75 -0.58 0.00	24.68 -0.56 0.00	23.86 -0.56 0.00	24.42 -0.60 0.00	24.37 -0.62 0.00	24.01 -0.61 0.00	24.22 -0.69 -0.12	25.19 -0.74 -0.45	28.00 -0.77 -1.10	31.75 -0.82 -2.32	31.67 -0.79 -2.06	29.83 -0.78 -1.78	25.91 -0.66 -0.29	23.58 -0.58 0.00	23.24 -0.47 0.00	22.07 -0.50 0.00
OUTOKUMPU-AB___DRP 24206	23.52 -2.21 0.00	20.35 -2.01 0.00	19.89 -1.95 0.02	19.23 -1.93 0.02	17.57 -1.79 -0.12	18.91 -1.96 -0.05	20.25 -2.08 0.02	19.96 -2.29 0.02	21.76 -2.55 0.02	22.83 -2.40 0.02	22.05 -2.34 0.02	22.58 -2.43 0.02	22.35 -2.62 0.02	22.05 -2.56 0.02	22.17 -2.55 0.07	22.47 -2.78 0.23	24.44 -2.74 0.50	25.97 -3.18 1.10	26.47 -2.98 0.95	24.77 -3.20 0.85	23.72 -2.44 0.12	21.75 -2.39 0.02	21.54 -2.16 0.02	20.43 -2.12 0.02
OXBOW___BTM 323836	23.31 -2.42 0.00	20.15 -2.21 0.00	19.72 -2.12 0.02	19.06 -2.10 0.02	17.44 -1.92 -0.12	18.82 -2.04 -0.05	20.03 -2.30 0.02	20.10 -2.16 0.02	21.44 -2.87 0.02	22.57 -2.65 0.02	21.79 -2.61 0.02	22.13 -2.88 0.02	22.05 -2.92 0.02	21.75 -2.86 0.02	21.89 -2.83 0.07	22.17 -3.08 0.23	23.97 -3.21 0.50	25.67 -3.48 1.10	26.19 -3.25 0.95	24.45 -3.52 0.85	23.51 -2.65 0.12	21.51 -2.63 0.02	21.38 -2.32 0.02	20.04 -2.51 0.01
OXBOW____ 24026	23.26 -2.47 0.00	20.15 -2.21 0.00	19.70 -2.14 0.02	19.02 -2.14 0.02	17.38 -1.98 -0.12	18.68 -2.19 -0.05	20.03 -2.30 0.02	19.67 -2.58 0.02	21.44 -2.87 0.02	22.57 -2.65 0.02	21.79 -2.61 0.02	22.30 -2.70 0.02	22.05 -2.92 0.02	21.75 -2.86 0.02	21.89 -2.83 0.07	22.19 -3.06 0.23	24.19 -2.99 0.50	25.67 -3.48 1.10	26.19 -3.25 0.95	24.43 -3.55 0.85	23.46 -2.71 0.12	21.51 -2.63 0.02	21.31 -2.40 0.02	20.20 -2.35 0.01
OXY_CHEM_DSASP 323612	23.00 -2.73 0.00	19.95 -2.42 0.00	19.48 -2.36 0.02	18.83 -2.33 0.02	17.19 -2.17 -0.12	18.49 -2.37 -0.05	19.78 -2.55 0.02	19.41 -2.85 0.02	21.13 -3.19 0.02	22.30 -2.93 0.02	21.52 -2.88 0.02	22.03 -2.98 0.02	21.75 -3.22 0.02	21.46 -3.15 0.02	21.62 -3.10 0.07	21.91 -3.34 0.23	23.94 -3.24 0.50	25.40 -3.75 1.10	25.92 -3.53 0.95	24.08 -3.89 0.85	23.22 -2.94 0.12	21.29 -2.85 0.02	21.09 -2.61 0.02	20.00 -2.55 0.01
OZONE_PARK_ESR 323760	27.27 1.54 0.00	23.59 1.23 0.00	23.12 1.27 0.00	22.43 1.25 0.00	23.06 1.10 -2.71	23.24 1.14 -1.28	23.62 1.27 0.00	23.63 1.36 0.00	25.94 1.61 0.00	26.88 1.64 0.00	26.15 1.73 0.00	26.80 1.78 0.00	26.86 1.87 0.00	26.70 1.90 -0.18	26.85 2.06 0.00	27.69 2.22 0.00	29.92 2.24 0.00	32.67 2.42 0.00	32.64 2.25 0.00	31.01 2.19 0.00	28.09 1.81 0.00	25.73 1.57 0.00	25.12 1.40 0.00	24.02 1.42 -0.03
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	23.00 -2.73 0.00	19.95 -2.42 0.00	19.48 -2.36 0.02	18.83 -2.33 0.02	17.19 -2.17 -0.12	18.49 -2.37 -0.05	19.78 -2.55 0.02	19.41 -2.85 0.02	21.13 -3.19 0.02	22.30 -2.93 0.02	21.52 -2.88 0.02	22.03 -2.98 0.02	21.75 -3.22 0.02	21.46 -3.15 0.02	21.62 -3.10 0.07	21.91 -3.34 0.23	23.94 -3.24 0.50	25.40 -3.75 1.10	25.92 -3.53 0.95	24.08 -3.89 0.85	23.22 -2.94 0.12	21.29 -2.85 0.02	21.09 -2.61 0.02	20.00 -2.55 0.01
PACKARD__115KV_DUPONT_184 80571	23.00 -2.73 0.00	19.95 -2.42 0.00	19.48 -2.36 0.02	18.83 -2.33 0.02	17.19 -2.17 -0.12	18.49 -2.37 -0.05	19.78 -2.55 0.02	19.41 -2.85 0.02	21.13 -3.19 0.02	22.30 -2.93 0.02	21.52 -2.88 0.02	22.03 -2.98 0.02	21.75 -3.22 0.02	21.46 -3.15 0.02	21.62 -3.10 0.07	21.91 -3.34 0.23	23.94 -3.24 0.50	25.40 -3.75 1.10	25.92 -3.53 0.95	24.08 -3.89 0.85	23.22 -2.94 0.12	21.29 -2.85 0.02	21.09 -2.61 0.02	20.00 -2.55 0.01
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	27.21 1.47 -0.01	23.58 1.21 -0.01	23.11 1.25 -0.01	22.41 1.23 -0.01	23.04 1.08 -2.71	23.15 1.06 -1.28	23.49 1.14 0.00	23.46 1.18 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.57 1.55 0.00	26.66 1.67 0.00	26.48 1.67 -0.18	26.63 1.83 0.00	27.47 1.99 0.00	29.65 1.97 0.00	32.34 2.09 0.00	32.31 1.91 0.00	30.73 1.90 0.00	27.83 1.55 0.00	25.49 1.33 0.00	24.90 1.19 0.00	23.97 1.38 -0.03
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	27.46 1.72 -0.01	23.78 1.41 -0.01	23.31 1.44 -0.01	22.60 1.42 -0.01	23.23 1.27 -2.71	23.34 1.25 -1.28	23.71 1.36 0.00	23.66 1.38 0.00	25.94 1.61 0.00	26.88 1.64 0.00	26.15 1.73 0.00	26.80 1.78 0.00	26.84 1.85 0.00	26.67 1.87 -0.18	26.83 2.03 0.00	27.67 2.19 0.00	29.87 2.19 0.00	32.58 2.33 0.00	32.52 2.13 0.00	30.90 2.08 0.00	27.99 1.71 0.00	25.63 1.47 0.00	25.07 1.35 0.00	24.17 1.58 -0.03
PATROON__115KV_TB1 80586	26.37 0.64 0.00	22.99 0.63 0.00	22.62 0.76 0.00	21.96 0.78 0.00	23.38 0.67 -3.46	23.17 0.73 -1.63	23.13 0.78 0.00	23.03 0.76 0.00	25.26 0.92 0.00	26.00 0.76 0.00	25.12 0.71 0.00	25.74 0.73 0.00	25.79 0.80 0.00	25.41 0.79 0.00	25.69 0.89 0.00	26.37 0.89 0.00	28.54 0.86 0.00	31.19 0.94 0.00	31.34 0.94 0.00	29.75 0.92 0.00	27.10 0.81 0.00	24.93 0.77 0.00	24.41 0.69 0.00	23.26 0.65 -0.04
PATTRSNVILLE___SOLAR 323815	26.94 1.21 0.00	23.41 1.05 0.00	22.88 1.03 0.00	22.17 1.00 0.00	23.82 0.92 -3.65	23.55 1.02 -1.71	23.42 1.07 0.00	23.25 0.98 0.00	25.52 1.19 0.00	26.32 1.08 0.00	25.39 0.98 0.00	26.07 1.05 0.00	26.04 1.05 0.00	25.69 1.06 0.00	25.94 1.14 0.00	26.78 1.30 0.00	29.09 1.41 0.00	31.85 1.60 0.00	32.03 1.64 0.00	30.44 1.61 0.00	27.70 1.42 0.00	25.44 1.28 0.00	24.86 1.14 0.00	23.69 1.08 -0.04
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	23.67 -2.06 0.00	20.48 -1.88 0.00	20.00 -1.84 0.02	19.42 -1.74 0.02	17.78 -1.58 -0.11	19.15 -1.71 -0.04	20.52 -1.81 0.02	20.63 -1.63 0.02	22.49 -1.82 0.02	23.10 -2.12 0.02	22.42 -1.98 0.02	22.95 -2.05 0.02	23.07 -1.90 0.02	22.71 -1.90 0.02	22.61 -2.11 0.08	23.16 -2.09 0.23	24.58 -2.60 0.50	26.36 -2.78 1.11	26.62 -2.83 0.95	25.63 -2.33 0.86	23.85 -2.31 0.12	22.18 -1.96 0.02	21.78 -1.92 0.02	20.90 -1.65 0.02
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	27.17 1.44 0.00	23.50 1.14 0.00	23.01 1.16 0.00	22.32 1.14 0.00	22.96 0.98 -2.73	23.18 1.08 -1.28	23.49 1.14 0.00	23.48 1.20 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.60 1.58 0.00	26.66 1.67 0.00	26.34 1.65 -0.06	26.63 1.83 0.00	27.44 1.96 0.00	29.67 1.99 0.00	32.43 2.18 0.00	32.40 2.01 0.00	30.81 1.99 0.00	27.94 1.66 0.00	25.61 1.45 0.00	24.93 1.21 0.00	23.84 1.24 -0.03
PEEKSKILL____ 23653	26.79 1.06 0.00	23.23 0.87 0.00	22.69 0.83 0.00	22.02 0.85 0.00	22.65 0.77 -2.63	22.84 0.79 -1.24	23.18 0.83 0.00	23.14 0.87 0.00	25.43 1.10 0.00	26.38 1.14 0.00	25.61 1.20 0.00	26.27 1.25 0.00	26.31 1.32 0.00	27.41 1.33 -1.45	26.31 1.51 0.00	27.11 1.63 0.00	29.40 1.72 0.00	32.03 1.78 0.00	32.03 1.64 0.00	30.44 1.61 0.00	27.59 1.31 0.00	25.29 1.14 0.00	24.67 0.95 0.00	23.63 1.04 -0.03



PGE MADISON___WINDPWR 24146	27.33 1.60 0.00	23.64 1.27 0.00	23.09 1.20 -0.04	22.36 1.14 -0.04	21.64 1.02 -1.37	22.64 1.17 -0.66	23.86 1.47 -0.04	23.89 1.58 -0.04	26.05 1.68 -0.04	27.07 1.79 -0.04	26.14 1.68 -0.04	26.86 1.80 -0.04	26.68 1.65 -0.04	26.09 1.43 -0.04	26.15 1.29 -0.07	27.08 1.45 -0.15	29.53 1.60 -0.25	32.73 1.85 -0.63	32.71 1.82 -0.50	31.19 1.87 -0.50	28.08 1.76 -0.04	25.72 1.52 -0.04	25.08 1.33 -0.04	23.72 1.11 -0.05
PIERCEFIELD___HYD 23852	24.75 -0.98 0.00	21.58 -0.78 0.00	21.03 -0.83 0.00	20.35 -0.83 0.00	18.61 -0.64 0.00	20.05 -0.77 0.00	21.48 -0.87 0.00	21.41 -0.87 0.00	23.41 -0.92 0.00	24.33 -0.91 0.00	23.56 -0.85 0.00	24.19 -0.83 0.00	24.07 -0.92 0.00	23.74 -0.89 0.00	23.80 -0.99 0.00	24.33 -1.15 0.00	26.46 -1.22 0.00	28.98 -1.27 0.00	29.24 -1.15 0.00	27.67 -1.15 0.00	25.20 -1.08 0.00	23.14 -1.01 0.00	22.65 -1.07 0.00	21.53 -1.04 0.00
PINELAWN_CC_1 323563	35.46 1.72 -8.01	31.70 1.45 -7.89	30.33 1.49 -6.98	27.83 1.48 -5.17	27.54 1.35 -6.95	26.13 1.42 -3.90	23.76 1.41 0.00	25.58 1.56 -1.75	26.01 1.68 0.00	27.18 1.87 -0.07	31.29 1.91 -4.97	33.20 1.98 -6.20	32.61 2.02 -5.60	33.73 2.04 -7.06	33.86 2.23 -6.83	34.29 2.39 -6.42	34.33 2.54 -4.11	36.23 2.72 -3.25	35.77 2.58 -2.79	35.18 2.48 -3.88	32.77 2.10 -4.39	31.22 1.84 -5.23	29.69 1.68 -4.29	27.44 1.74 -3.13
PJM_GEN_HTP_PROXY 323702	26.92 1.18 0.00	23.35 0.98 0.00	22.86 1.01 0.00	22.21 1.04 0.00	22.89 0.92 -2.71	23.05 0.96 -1.28	23.38 1.03 0.00	23.37 1.09 0.00	25.69 1.36 0.00	26.65 1.41 0.00	25.93 1.51 0.00	26.60 1.58 0.00	26.64 1.65 0.00	26.45 1.65 -0.18	26.60 1.81 0.00	27.28 1.96 0.17	29.84 1.99 -0.17	32.37 2.12 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.86 1.58 0.00	25.53 1.38 0.00	24.90 1.19 0.00	23.88 1.29 -0.03
PJM_GEN_KEystone 24065	21.97 -0.49 3.27	20.85 -0.47 1.04	19.20 -0.46 2.20	18.00 -0.42 2.75	18.95 -0.38 -0.09	19.00 -0.44 1.38	21.30 -0.49 0.56	21.82 -0.45 0.01	22.35 -0.44 1.54	23.07 -0.45 1.72	24.01 -0.39 0.01	24.07 -0.40 0.55	24.36 -0.35 0.28	24.16 -0.34 0.12	24.51 -0.25 0.04	25.00 -0.20 0.27	27.39 -0.22 0.06	29.46 -0.27 0.51	29.59 -0.36 0.44	28.05 -0.38 0.40	25.86 -0.37 0.05	23.76 -0.39 0.01	23.26 -0.45 0.01	20.36 -0.36 1.84
PJM_GEN_NEPTUNE_PROXY 323594	31.39 1.39 -4.27	27.75 1.18 -4.21	26.78 1.20 -3.72	25.16 1.23 -2.76	25.32 1.10 -4.97	24.63 1.14 -2.67	23.51 1.16 0.00	24.48 1.27 -0.93	25.77 1.44 0.00	26.87 1.59 -0.04	28.73 1.66 -2.65	30.05 1.73 -3.31	29.75 1.77 -2.98	30.27 1.80 -3.85	30.40 1.96 -3.64	30.85 2.11 -3.26	32.22 2.19 -2.36	34.31 2.33 -1.73	34.04 2.16 -1.49	33.00 2.10 -2.07	30.41 1.79 -2.34	28.51 1.57 -2.79	27.38 1.38 -2.29	25.72 1.47 -1.69
PJM_GEN_VFT_PROXY 323633	26.81 1.08 0.00	23.28 0.92 0.00	22.80 0.94 0.00	22.13 0.95 0.00	22.83 0.87 -2.71	22.97 0.87 -1.28	23.31 0.96 0.00	23.30 1.03 0.00	25.64 1.31 0.00	26.60 1.36 0.00	25.88 1.46 0.00	26.55 1.53 0.00	26.59 1.60 0.00	26.40 1.60 -0.18	26.58 1.79 0.00	27.23 1.91 0.17	29.75 1.91 -0.17	32.25 2.00 0.00	32.22 1.82 0.00	30.61 1.79 0.00	27.75 1.47 0.00	25.46 1.30 0.00	24.81 1.09 0.00	23.81 1.22 -0.03
PLATSBURG_115KV_PMLD1 355749	25.55 -0.18 0.00	22.32 -0.04 0.00	21.77 -0.09 0.00	21.07 -0.11 0.00	19.15 -0.10 0.00	20.75 -0.06 0.00	22.26 -0.09 0.00	21.92 -0.36 0.00	24.02 -0.32 0.00	24.86 -0.38 0.00	24.12 -0.29 0.00	24.79 -0.23 0.00	24.62 -0.37 0.00	24.36 -0.27 0.00	24.45 -0.35 0.00	24.97 -0.51 0.00	27.24 -0.44 0.00	29.83 -0.42 0.00	30.61 0.21 0.00	29.00 0.17 0.00	26.49 0.21 0.00	24.25 0.10 0.00	23.69 -0.02 0.00	22.47 -0.09 0.00
PLEASANTVLY___LBMP 24000	26.79 1.05 0.00	23.21 0.85 0.00	22.75 0.90 0.00	22.09 0.91 0.00	22.88 0.79 -2.84	22.99 0.83 -1.34	23.26 0.92 0.00	23.23 0.96 0.00	25.43 1.09 0.00	26.35 1.11 0.00	25.56 1.15 0.00	26.20 1.18 0.00	26.26 1.27 0.00	25.99 1.28 -0.08	26.23 1.44 0.00	27.03 1.55 0.00	29.26 1.58 0.00	31.94 1.69 0.00	31.98 1.58 0.00	30.38 1.56 0.00	27.57 1.29 0.00	25.29 1.14 0.00	24.71 1.00 0.00	23.61 1.02 -0.03
PLSNTVLE_13_KV_13.8KVDIST 80602	26.99 1.26 0.00	23.37 1.01 0.00	22.91 1.05 0.00	22.21 1.04 0.00	22.89 0.90 -2.73	23.08 0.98 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.62 1.29 0.00	26.58 1.34 0.00	25.81 1.39 0.00	26.45 1.43 0.00	26.51 1.52 0.00	26.29 1.53 -0.14	26.48 1.69 0.00	27.31 1.83 0.00	29.53 1.85 0.00	32.25 2.00 0.00	32.25 1.85 0.00	30.64 1.82 0.00	27.78 1.50 0.00	25.46 1.30 0.00	24.88 1.16 0.00	23.77 1.17 -0.03
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.99 1.26 0.00	23.37 1.01 0.00	22.91 1.05 0.00	22.21 1.04 0.00	22.89 0.90 -2.73	23.08 0.98 -1.28	23.40 1.05 0.00	23.39 1.11 0.00	25.62 1.29 0.00	26.58 1.34 0.00	25.81 1.39 0.00	26.45 1.43 0.00	26.51 1.52 0.00	26.29 1.53 -0.14	26.48 1.69 0.00	27.31 1.83 0.00	29.53 1.85 0.00	32.25 2.00 0.00	32.25 1.85 0.00	30.64 1.82 0.00	27.78 1.50 0.00	25.46 1.30 0.00	24.88 1.16 0.00	23.77 1.17 -0.03
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.94 1.21 0.00	23.35 0.98 0.00	22.86 1.01 0.00	22.19 1.02 0.00	22.90 0.89 -2.77	23.06 0.94 -1.30	23.38 1.03 0.00	23.30 1.02 0.00	25.52 1.19 0.00	26.45 1.21 0.00	25.69 1.27 0.00	26.27 1.25 0.00	26.36 1.37 0.00	25.99 1.33 -0.04	26.33 1.54 0.00	27.13 1.66 0.00	29.40 1.72 0.00	32.13 1.88 0.00	32.13 1.73 0.00	30.55 1.73 0.00	27.70 1.42 0.00	25.41 1.26 0.00	24.81 1.09 0.00	23.72 1.13 -0.03
POLETTI___ 23519	27.02 1.29 0.00	23.39 1.03 0.00	22.95 1.09 0.00	22.26 1.08 0.00	22.90 0.94 -2.71	23.07 0.98 -1.28	23.42 1.07 0.00	23.46 1.18 0.00	25.69 1.36 0.00	26.65 1.41 0.00	25.93 1.51 0.00	26.55 1.53 0.00	26.64 1.65 0.00	26.45 1.65 -0.18	26.60 1.81 0.00	27.44 1.96 0.00	29.60 1.94 0.02	32.32 2.09 0.02	32.29 1.91 0.02	30.68 1.87 0.02	27.83 1.55 0.00	25.51 1.35 0.00	24.90 1.19 0.00	23.81 1.22 -0.03
POMONA___ESR 323819	26.76 1.03 0.00	23.21 0.85 0.00	22.67 0.81 0.00	22.00 0.83 0.00	22.54 0.75 -2.55	22.78 0.77 -1.20	23.15 0.80 0.00	23.12 0.85 0.00	25.40 1.07 0.00	26.35 1.11 0.00	25.59 1.17 0.00	26.24 1.23 0.00	26.29 1.30 0.00	25.67 1.28 0.23	26.28 1.49 0.00	27.08 1.61 0.00	29.37 1.69 0.00	32.03 1.78 0.00	32.00 1.61 0.00	30.41 1.58 0.00	27.59 1.31 0.00	25.27 1.11 0.00	24.64 0.92 0.00	23.61 1.02 -0.03
PORT_JEFF_3 23555	35.49 1.75 -8.01	31.73 1.48 -7.89	30.35 1.51 -6.98	27.85 1.50 -5.17	27.56 1.37 -6.95	26.17 1.46 -3.90	23.78 1.43 0.00	25.63 1.60 -1.75	25.89 1.56 0.00	27.08 1.77 -0.07	31.17 1.78 -4.97	33.07 1.85 -6.20	32.51 1.92 -5.60	33.64 1.95 -7.06	33.76 2.13 -6.83	34.19 2.29 -6.42	34.20 2.41 -4.11	36.10 2.60 -3.25	35.62 2.43 -2.79	35.04 2.33 -3.88	32.67 2.00 -4.39	31.10 1.72 -5.23	29.74 1.73 -4.29	27.50 1.81 -3.13



PORT_JEFF_4 23616	35.49 1.75 -8.01	31.73 1.48 -7.89	30.35 1.51 -6.98	27.85 1.50 -5.17	27.56 1.37 -6.95	26.17 1.46 -3.90	23.78 1.43 0.00	25.63 1.60 -1.75	25.89 1.56 0.00	27.08 1.77 -0.07	31.17 1.78 -4.97	33.07 1.85 -6.20	32.51 1.92 -5.60	33.64 1.95 -7.06	33.76 2.13 -6.83	34.19 2.29 -6.42	34.20 2.41 -4.11	36.10 2.60 -3.25	35.62 2.43 -2.79	35.04 2.33 -3.88	32.67 2.00 -4.39	31.10 1.72 -5.23	29.74 1.73 -4.29	27.50 1.81 -3.13
PORT_JEFF_IC 23713	35.62 1.88 -8.01	31.79 1.54 -7.89	30.43 1.60 -6.98	27.92 1.57 -5.17	27.58 1.39 -6.95	26.21 1.50 -3.90	23.91 1.56 0.00	25.74 1.72 -1.75	25.89 1.56 0.00	27.10 1.79 -0.07	31.20 1.81 -4.97	33.07 1.85 -6.20	32.54 1.95 -5.60	33.69 1.99 -7.06	33.81 2.18 -6.83	34.22 2.32 -6.42	34.22 2.44 -4.11	36.13 2.63 -3.25	35.65 2.46 -2.79	35.10 2.39 -3.88	32.67 2.00 -4.39	31.12 1.74 -5.23	29.78 1.78 -4.29	27.48 1.78 -3.13
PPL PILGRIM_ST_GT1 24216	35.62 1.88 -8.01	31.84 1.59 -7.89	30.43 1.59 -6.98	27.96 1.61 -5.17	27.66 1.46 -6.95	26.26 1.54 -3.90	23.89 1.54 0.00	25.74 1.72 -1.75	26.08 1.75 0.00	27.30 1.99 -0.07	31.34 1.95 -4.97	33.23 2.00 -6.20	32.66 2.07 -5.60	33.78 2.09 -7.06	33.91 2.28 -6.83	34.34 2.45 -6.42	34.39 2.60 -4.11	36.32 2.81 -3.25	35.83 2.64 -2.79	35.27 2.56 -3.88	32.88 2.21 -4.39	31.29 1.91 -5.23	29.83 1.83 -4.29	27.59 1.90 -3.13
PPL PILGRIM_ST_GT2 24217	35.62 1.88 -8.01	31.84 1.59 -7.89	30.43 1.59 -6.98	27.96 1.61 -5.17	27.66 1.46 -6.95	26.26 1.54 -3.90	23.89 1.54 0.00	25.74 1.72 -1.75	26.08 1.75 0.00	27.30 1.99 -0.07	31.34 1.95 -4.97	33.23 2.00 -6.20	32.66 2.07 -5.60	33.78 2.09 -7.06	33.91 2.28 -6.83	34.34 2.45 -6.42	34.39 2.60 -4.11	36.32 2.81 -3.25	35.83 2.64 -2.79	35.27 2.56 -3.88	32.88 2.21 -4.39	31.29 1.91 -5.23	29.83 1.83 -4.29	27.59 1.90 -3.13
PPL_SHRM_GT3 24213	35.49 1.75 -8.01	31.70 1.45 -7.89	30.37 1.53 -6.98	27.83 1.48 -5.17	27.54 1.35 -6.95	26.17 1.46 -3.90	23.76 1.41 0.00	25.63 1.60 -1.75	25.60 1.26 0.00	26.82 1.51 -0.07	30.93 1.54 -4.97	32.85 1.63 -6.20	32.26 1.67 -5.60	33.41 1.72 -7.06	33.56 1.94 -6.83	33.99 2.09 -6.42	33.98 2.19 -4.11	35.83 2.33 -3.25	35.35 2.16 -2.79	34.78 2.08 -3.88	32.38 1.71 -4.39	30.86 1.47 -5.23	29.71 1.71 -4.29	27.50 1.81 -3.13
PPL_SHRM_GT4 24214	35.49 1.75 -8.01	31.70 1.45 -7.89	30.37 1.53 -6.98	27.83 1.48 -5.17	27.54 1.35 -6.95	26.17 1.46 -3.90	23.76 1.41 0.00	25.63 1.60 -1.75	25.60 1.26 0.00	26.82 1.51 -0.07	30.93 1.54 -4.97	32.85 1.63 -6.20	32.26 1.67 -5.60	33.41 1.72 -7.06	33.56 1.94 -6.83	33.99 2.09 -6.42	33.98 2.19 -4.11	35.83 2.33 -3.25	35.35 2.16 -2.79	34.78 2.08 -3.88	32.38 1.71 -4.39	30.86 1.47 -5.23	29.71 1.71 -4.29	27.50 1.81 -3.13
PROJECT___ORANGE 1 24174	25.47 -0.26 0.00	22.12 -0.25 0.00	21.59 -0.26 0.00	20.92 -0.25 0.00	19.22 -0.25 -0.22	20.65 -0.27 -0.10	22.10 -0.25 0.00	22.01 -0.27 0.00	23.99 -0.34 0.00	24.96 -0.28 0.00	24.10 -0.32 0.00	24.69 -0.33 0.00	24.62 -0.37 0.00	24.23 -0.39 0.00	24.31 -0.47 0.02	24.93 -0.48 0.06	27.05 -0.47 0.16	29.41 -0.51 0.33	29.61 -0.49 0.29	28.08 -0.49 0.25	25.85 -0.39 0.04	23.82 -0.34 0.00	23.46 -0.26 0.00	22.30 -0.27 0.00
PROJECT___ORANGE 2 24166	25.47 -0.26 0.00	22.12 -0.25 0.00	21.59 -0.26 0.00	20.92 -0.25 0.00	19.22 -0.25 -0.22	20.65 -0.27 -0.10	22.10 -0.25 0.00	22.01 -0.27 0.00	23.99 -0.34 0.00	24.96 -0.28 0.00	24.10 -0.32 0.00	24.69 -0.33 0.00	24.62 -0.37 0.00	24.23 -0.39 0.00	24.31 -0.47 0.02	24.93 -0.48 0.06	27.05 -0.47 0.16	29.41 -0.51 0.33	29.61 -0.49 0.29	28.08 -0.49 0.25	25.85 -0.39 0.04	23.82 -0.34 0.00	23.46 -0.26 0.00	22.30 -0.27 0.00
PUCKETT___SOLAR 323809	25.96 0.23 0.00	22.50 0.13 0.00	21.99 0.13 0.00	21.30 0.13 0.00	20.17 0.10 -0.82	21.33 0.13 -0.39	22.55 0.20 0.00	22.52 0.25 0.00	24.57 0.24 0.00	25.49 0.25 0.00	24.61 0.19 0.00	25.22 0.20 0.00	25.17 0.18 0.00	24.73 0.10 0.00	24.86 0.07 0.01	25.54 0.10 0.04	27.75 0.17 0.09	30.26 0.21 0.20	30.46 0.24 0.18	28.93 0.26 0.15	26.52 0.26 0.02	24.37 0.22 0.00	23.89 0.17 0.00	22.69 0.11 -0.01
PYRITES___HYD 24023	25.24 -0.49 0.00	22.03 -0.34 0.00	21.44 -0.42 0.00	20.73 -0.44 0.00	18.94 -0.31 0.00	20.44 -0.37 0.00	21.90 -0.45 0.00	21.85 -0.42 0.00	23.87 -0.46 0.00	24.79 -0.45 0.00	23.98 -0.44 0.00	24.59 -0.43 0.00	24.47 -0.52 0.00	24.13 -0.49 0.00	24.20 -0.60 0.00	24.76 -0.71 0.00	26.93 -0.75 0.00	29.49 -0.76 0.00	29.76 -0.64 0.00	28.19 -0.63 0.00	25.70 -0.58 0.00	23.60 -0.56 0.00	23.08 -0.64 0.00	21.93 -0.63 0.00
QUAKERRD_115KV_BK1 80622	24.24 -1.49 0.00	21.04 -1.32 0.00	20.51 -1.33 0.01	19.83 -1.33 0.01	18.11 -1.25 -0.12	19.51 -1.35 -0.05	20.91 -1.43 0.01	20.68 -1.58 0.01	22.57 -1.75 0.01	23.69 -1.54 0.01	22.87 -1.54 0.01	23.41 -1.60 0.01	23.18 -1.80 0.01	22.79 -1.82 0.01	22.94 -1.79 0.06	23.31 -1.96 0.21	25.41 -1.80 0.47	27.14 -2.09 1.02	27.59 -1.91 0.89	25.87 -2.16 0.79	24.56 -1.60 0.12	22.53 -1.62 0.01	22.21 -1.49 0.01	21.02 -1.53 0.01
QUENSBRY_115KV_TB8 356137	27.76 2.03 0.00	24.13 1.77 0.00	23.54 1.68 0.00	22.81 1.63 0.00	24.25 1.46 -3.54	24.10 1.62 -1.66	24.14 1.79 0.00	23.92 1.65 0.00	26.38 2.04 0.00	27.33 2.09 0.00	26.17 1.76 0.00	26.82 1.80 0.00	26.74 1.75 0.00	26.28 1.65 0.00	26.48 1.69 0.00	27.26 1.78 0.00	29.53 1.85 0.00	32.40 2.15 0.00	32.86 2.46 0.00	31.22 2.39 0.00	28.51 2.23 0.00	26.16 2.01 0.00	25.50 1.78 0.00	24.25 1.65 -0.04
RAMAPO___LBMP 323565	26.76 1.03 0.00	23.17 0.81 0.00	22.64 0.79 0.00	21.96 0.78 0.00	22.45 0.67 -2.53	22.73 0.73 -1.19	23.13 0.78 0.00	23.12 0.85 0.00	25.30 0.97 0.00	26.25 1.01 0.00	25.49 1.07 0.00	26.10 1.08 0.00	26.16 1.17 0.00	25.55 1.18 0.26	26.16 1.36 0.00	26.96 1.48 0.00	29.23 1.55 0.00	31.91 1.66 0.00	31.88 1.49 0.00	30.29 1.47 0.00	27.46 1.18 0.00	25.20 1.04 0.00	24.60 0.88 0.00	23.47 0.88 -0.03
RANKINE____ 23646	23.70 -2.03 0.00	20.53 -1.83 0.00	20.02 -1.81 0.02	19.38 -1.78 0.02	17.72 -1.64 -0.11	19.09 -1.77 -0.04	20.45 -1.88 0.02	20.32 -1.94 0.02	22.12 -2.19 0.02	23.05 -2.17 0.02	22.30 -2.10 0.02	22.82 -2.18 0.02	22.70 -2.27 0.02	22.39 -2.22 0.02	22.44 -2.28 0.08	22.83 -2.42 0.23	24.64 -2.55 0.50	26.27 -2.87 1.11	26.71 -2.74 0.95	25.23 -2.74 0.86	23.90 -2.26 0.12	22.01 -2.13 0.02	21.73 -1.97 0.02	20.70 -1.85 0.02
RAVENSWOOD_GT2_1 24244	27.09 1.36 0.00	23.44 1.07 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.11 1.02 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.95 1.23 0.00	23.88 1.29 -0.03



RAVENSWOOD_GT2_2 24245	27.09 1.36 0.00	23.44 1.07 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.11 1.02 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.95 1.23 0.00	23.88 1.29 -0.03
RAVENSWOOD_GT2_3 24246	27.09 1.36 0.00	23.46 1.10 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.13 1.04 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.77 1.44 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.68 1.88 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.43 2.18 0.00	32.40 2.01 0.00	30.78 1.96 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.88 1.29 -0.03
RAVENSWOOD_GT2_4 24247	27.09 1.36 0.00	23.46 1.10 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.13 1.04 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.77 1.44 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.68 1.88 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.43 2.18 0.00	32.40 2.01 0.00	30.78 1.96 0.00	27.91 1.63 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.88 1.29 -0.03
RAVENSWOOD_GT3_1 24248	27.09 1.36 0.00	23.44 1.07 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.13 1.04 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.88 1.29 -0.03
RAVENSWOOD_GT3_2 24249	27.09 1.36 0.00	23.44 1.07 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.13 1.04 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.88 1.29 -0.03
RAVENSWOOD_GT3_3 24250	27.12 1.39 0.00	23.48 1.12 0.00	23.01 1.16 0.00	22.32 1.14 0.00	22.96 1.00 -2.71	23.15 1.06 -1.28	23.51 1.16 0.00	23.52 1.25 0.00	25.79 1.46 0.00	26.73 1.49 0.00	26.00 1.59 0.00	26.62 1.60 0.00	26.71 1.72 0.00	26.53 1.72 -0.18	26.70 1.91 0.00	27.52 2.04 0.00	29.73 2.05 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.58 1.43 0.00	25.00 1.28 0.00	23.90 1.31 -0.03
RAVENSWOOD_GT3_4 24251	27.12 1.39 0.00	23.48 1.12 0.00	23.01 1.16 0.00	22.32 1.14 0.00	22.96 1.00 -2.71	23.15 1.06 -1.28	23.51 1.16 0.00	23.52 1.25 0.00	25.79 1.46 0.00	26.73 1.49 0.00	26.00 1.59 0.00	26.62 1.60 0.00	26.71 1.72 0.00	26.53 1.72 -0.18	26.70 1.91 0.00	27.52 2.04 0.00	29.73 2.05 0.00	32.46 2.21 0.00	32.43 2.04 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.58 1.43 0.00	25.00 1.28 0.00	23.90 1.31 -0.03
RAVENSWOOD_GT_1 23729	29.08 1.49 -1.86	23.56 1.19 -0.01	23.11 1.25 -0.01	22.41 1.23 -0.01	23.04 1.08 -2.71	23.20 1.10 -1.28	23.56 1.21 0.00	23.54 1.27 0.00	27.88 1.51 -2.04	28.70 1.56 -1.90	28.08 1.66 -2.01	29.51 1.68 -2.82	28.72 1.77 -1.95	29.45 1.80 -3.02	28.96 1.96 -2.20	30.31 2.11 -2.71	32.03 2.10 -2.25	34.23 2.24 -1.74	34.16 2.07 -1.69	32.83 2.05 -1.96	29.69 1.68 -1.73	25.61 1.45 0.00	25.02 1.30 0.00	23.97 1.38 -0.03
RAVENSWOOD_GT_10 24258	27.09 1.36 0.00	23.44 1.07 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.11 1.02 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.95 1.23 0.00	23.88 1.29 -0.03
RAVENSWOOD_GT_11 24259	27.09 1.36 0.00	23.44 1.07 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.11 1.02 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.95 1.23 0.00	23.88 1.29 -0.03
RAVENSWOOD_GT_4 24252	28.47 1.34 -1.40	23.43 1.07 0.01	22.97 1.11 0.01	22.27 1.10 0.01	22.92 0.96 -2.71	23.11 1.02 -1.28	23.47 1.12 0.00	23.48 1.20 0.00	27.29 1.41 -1.55	28.12 1.44 -1.44	27.48 1.54 -1.53	28.72 1.55 -2.15	28.15 1.67 -1.49	28.65 1.67 -2.35	28.33 1.86 -1.68	29.53 1.99 -2.07	31.38 1.99 -1.71	33.72 2.15 -1.33	33.66 1.98 -1.29	32.24 1.93 -1.49	29.20 1.60 -1.31	25.56 1.40 0.00	24.95 1.23 0.00	23.86 1.26 -0.03
RAVENSWOOD_GT_5 24254	28.47 1.34 -1.40	23.43 1.07 0.01	22.97 1.11 0.01	22.27 1.10 0.01	22.92 0.96 -2.71	23.11 1.02 -1.28	23.47 1.12 0.00	23.48 1.20 0.00	27.29 1.41 -1.55	28.12 1.44 -1.44	27.48 1.54 -1.53	28.72 1.55 -2.15	28.15 1.67 -1.49	28.65 1.67 -2.35	28.33 1.86 -1.68	29.53 1.99 -2.07	31.38 1.99 -1.71	33.72 2.15 -1.33	33.66 1.98 -1.29	32.24 1.93 -1.49	29.20 1.60 -1.31	25.56 1.40 0.00	24.95 1.23 0.00	23.86 1.26 -0.03
RAVENSWOOD_GT_6 24253	28.47 1.34 -1.40	23.43 1.07 0.01	22.97 1.11 0.01	22.27 1.10 0.01	22.92 0.96 -2.71	23.11 1.02 -1.28	23.47 1.12 0.00	23.48 1.20 0.00	27.29 1.41 -1.55	28.12 1.44 -1.44	27.48 1.54 -1.53	28.72 1.55 -2.15	28.15 1.67 -1.49	28.65 1.67 -2.35	28.33 1.86 -1.68	29.53 1.99 -2.07	31.38 1.99 -1.71	33.72 2.15 -1.33	33.66 1.98 -1.29	32.24 1.93 -1.49	29.20 1.60 -1.31	25.56 1.40 0.00	24.95 1.23 0.00	23.86 1.26 -0.03
RAVENSWOOD_GT_7 24255	28.47 1.34 -1.40	23.43 1.07 0.01	22.97 1.11 0.01	22.27 1.10 0.01	22.92 0.96 -2.71	23.11 1.02 -1.28	23.47 1.12 0.00	23.48 1.20 0.00	27.29 1.41 -1.55	28.12 1.44 -1.44	27.48 1.54 -1.53	28.72 1.55 -2.15	28.15 1.67 -1.49	28.65 1.67 -2.35	28.33 1.86 -1.68	29.53 1.99 -2.07	31.38 1.99 -1.71	33.72 2.15 -1.33	33.66 1.98 -1.29	32.24 1.93 -1.49	29.20 1.60 -1.31	25.56 1.40 0.00	24.95 1.23 0.00	23.86 1.26 -0.03
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.09 1.36 0.00	23.44 1.07 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.11 1.02 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.95 1.23 0.00	23.88 1.29 -0.03



RAVENSWOOD_GT_9 24257	27.09 1.36 0.00	23.44 1.07 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.11 1.02 -1.28	23.49 1.14 0.00	23.50 1.23 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.60 1.58 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.65 1.86 0.00	27.49 2.01 0.00	29.70 2.02 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.95 1.23 0.00	23.88 1.29 -0.03
RAVENSWOOD___1 23533	27.08 1.34 -0.01	23.49 1.12 -0.01	23.00 1.14 -0.01	22.35 1.16 -0.01	23.02 1.06 -2.71	23.13 1.04 -1.28	23.49 1.14 0.00	23.45 1.18 0.00	25.84 1.51 0.00	26.78 1.54 0.00	26.05 1.64 0.00	26.74 1.73 0.00	26.76 1.77 0.00	26.58 1.77 -0.18	26.75 1.96 0.00	27.59 2.11 0.00	29.81 2.13 0.00	32.49 2.24 0.00	32.46 2.07 0.00	30.84 2.02 0.00	27.94 1.66 0.00	25.58 1.42 0.00	24.97 1.26 0.00	24.02 1.42 -0.03
RAVENSWOOD___2 23534	27.08 1.34 -0.01	23.49 1.12 -0.01	23.00 1.14 -0.01	22.35 1.16 -0.01	23.00 1.04 -2.71	23.13 1.04 -1.28	23.47 1.12 0.00	23.43 1.16 0.00	25.82 1.48 0.00	26.78 1.54 0.00	26.05 1.64 0.00	26.72 1.70 0.00	26.76 1.77 0.00	26.58 1.77 -0.18	26.73 1.94 0.00	27.57 2.09 0.00	29.81 2.13 0.00	32.49 2.24 0.00	32.46 2.07 0.00	30.84 2.02 0.00	27.94 1.66 0.00	25.58 1.42 0.00	24.95 1.23 0.00	23.99 1.40 -0.03
RAVENSWOOD___3 23535	26.97 1.24 0.00	23.39 1.03 0.00	22.91 1.05 0.00	22.26 1.08 0.00	22.94 0.98 -2.71	23.09 1.00 -1.28	23.42 1.07 0.00	23.41 1.14 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.98 1.56 0.00	26.64 1.63 0.00	26.69 1.70 0.00	26.50 1.70 -0.18	26.66 1.86 0.00	27.49 2.01 0.00	29.73 2.05 0.00	32.40 2.15 0.00	32.37 1.97 0.00	30.78 1.96 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.93 1.21 0.00	23.93 1.33 -0.03
RAVENSWOOD___4 23820	25.25 1.34 1.82	23.49 1.12 -0.01	23.00 1.14 -0.01	22.35 1.16 -0.01	23.00 1.04 -2.71	23.11 1.02 -1.28	23.47 1.12 0.00	23.43 1.16 0.00	23.81 1.48 2.01	24.91 1.54 1.87	24.08 1.64 1.98	23.95 1.70 2.78	24.84 1.77 1.92	23.77 1.77 2.63	24.56 1.94 2.17	24.90 2.09 2.67	27.60 2.13 2.21	30.77 2.24 1.72	30.76 2.04 1.67	28.91 2.02 1.93	26.24 1.66 1.70	25.56 1.40 0.00	24.95 1.23 0.00	23.99 1.40 -0.03
RCPI_TRUST___DRP 24196	27.07 1.34 0.00	23.44 1.07 0.00	22.97 1.11 0.00	22.28 1.10 0.00	22.92 0.96 -2.71	23.11 1.02 -1.28	23.47 1.12 0.00	23.50 1.23 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.57 1.55 0.00	26.66 1.67 0.00	26.48 1.67 -0.18	26.65 1.86 0.00	27.47 1.99 0.00	29.67 1.99 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.75 1.93 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.86 1.26 -0.03
RED___ROCHESTER 323720	24.70 -1.03 0.00	21.40 -0.96 0.00	20.86 -0.98 0.01	20.15 -1.02 0.01	18.45 -0.92 -0.12	19.93 -0.94 -0.05	21.24 -1.09 0.01	21.33 -0.93 0.01	22.89 -1.44 0.01	24.07 -1.16 0.01	23.23 -1.17 0.01	23.61 -1.40 0.01	23.50 -1.47 0.01	23.14 -1.48 0.01	23.29 -1.44 0.07	23.63 -1.63 0.22	25.65 -1.55 0.49	27.53 -1.66 1.06	28.05 -1.43 0.92	26.31 -1.70 0.82	25.01 -1.16 0.12	22.87 -1.28 0.01	22.64 -1.07 0.01	21.18 -1.38 0.01
REGAN___SOLAR 323812	28.02 2.29 0.00	24.33 1.97 0.00	23.71 1.86 0.00	23.00 1.82 0.00	24.74 1.67 -3.82	24.47 1.85 -1.80	24.34 1.99 0.00	24.08 1.80 0.00	26.50 2.16 0.00	27.28 2.04 0.00	26.25 1.83 0.00	26.97 1.95 0.00	26.89 1.90 0.00	26.52 1.90 0.00	26.75 1.96 0.00	27.67 2.19 0.00	30.14 2.46 0.00	33.03 2.78 0.00	33.38 2.98 0.00	31.71 2.88 0.00	28.80 2.52 0.00	26.40 2.25 0.00	25.73 2.01 0.00	24.46 1.85 -0.04
RENSSELAER___COGEN 23796	26.19 0.46 0.00	22.85 0.49 0.00	22.49 0.63 0.00	21.81 0.63 0.00	23.27 0.60 -3.43	23.05 0.62 -1.61	23.00 0.65 0.00	22.90 0.62 0.00	25.13 0.80 0.00	25.87 0.63 0.00	25.00 0.59 0.00	25.62 0.60 0.00	25.64 0.65 0.00	25.29 0.67 0.00	25.56 0.77 0.00	26.24 0.76 0.00	28.43 0.75 0.00	31.07 0.82 0.00	31.18 0.79 0.00	29.60 0.78 0.00	26.94 0.66 0.00	24.83 0.68 0.00	24.29 0.57 0.00	23.19 0.59 -0.04
REPUBLIC_115KV_BARTNBRK 55605	29.00 3.27 0.00	25.20 2.84 0.00	24.50 2.64 0.00	23.72 2.54 0.00	25.09 2.31 -3.54	25.06 2.58 -1.66	25.16 2.82 0.00	24.88 2.61 0.00	27.62 3.28 0.00	28.65 3.41 0.00	27.42 3.00 0.00	28.05 3.03 0.00	27.91 2.92 0.00	27.39 2.76 0.00	27.57 2.78 0.00	28.38 2.90 0.00	30.75 3.07 0.00	33.79 3.54 0.00	34.35 3.95 0.00	32.66 3.83 0.00	29.78 3.50 0.00	27.27 3.12 0.00	26.52 2.80 0.00	25.15 2.55 -0.04
REVERE_CPPR_DRP 24186	26.40 0.67 0.00	22.90 0.54 0.00	22.36 0.50 0.00	21.64 0.47 0.00	19.79 0.42 -0.12	21.35 0.48 -0.06	22.97 0.63 0.00	22.90 0.62 0.00	25.01 0.68 0.00	26.00 0.76 0.00	25.12 0.71 0.00	25.72 0.70 0.00	25.61 0.62 0.00	25.17 0.54 0.00	25.26 0.47 0.01	25.94 0.48 0.03	28.14 0.53 0.06	30.78 0.67 0.13	30.95 0.67 0.12	29.36 0.63 0.10	26.92 0.66 0.02	24.74 0.58 0.00	24.24 0.52 0.00	23.02 0.45 0.00
REYNOLDS_115KV_TB3 80639	26.50 0.77 0.00	23.06 0.69 0.00	22.66 0.81 0.00	21.98 0.80 0.00	23.37 0.69 -3.43	23.20 0.77 -1.61	23.18 0.83 0.00	23.08 0.80 0.00	25.28 0.95 0.00	26.10 0.86 0.00	25.20 0.78 0.00	25.82 0.80 0.00	25.86 0.87 0.00	25.55 0.89 -0.04	25.79 0.99 0.00	26.50 1.02 0.00	28.68 1.00 0.00	31.37 1.12 0.00	31.46 1.06 0.00	29.89 1.07 0.00	27.20 0.92 0.00	25.03 0.87 0.00	24.50 0.78 0.00	23.37 0.77 -0.04
RIVERBAY____ 323610	27.46 1.72 -0.01	23.78 1.41 -0.01	23.31 1.44 -0.01	22.60 1.42 -0.01	23.23 1.27 -2.71	23.34 1.25 -1.28	23.71 1.36 0.00	23.66 1.38 0.00	25.94 1.61 0.00	26.88 1.64 0.00	26.15 1.73 0.00	26.80 1.78 0.00	26.84 1.85 0.00	26.67 1.87 -0.18	26.83 2.03 0.00	27.67 2.19 0.00	29.87 2.19 0.00	32.58 2.33 0.00	32.52 2.13 0.00	30.90 2.08 0.00	27.99 1.71 0.00	25.63 1.47 0.00	25.07 1.35 0.00	24.17 1.58 -0.03
RIVERSDE_115KV_TB3 55908	26.40 0.67 0.00	22.99 0.63 0.00	22.60 0.74 0.00	21.94 0.76 0.00	23.34 0.65 -3.44	23.16 0.73 -1.62	23.11 0.76 0.00	23.03 0.76 0.00	25.23 0.90 0.00	26.00 0.76 0.00	25.12 0.71 0.00	25.72 0.70 0.00	25.79 0.80 0.00	25.48 0.81 -0.04	25.69 0.89 0.00	26.40 0.92 0.00	28.57 0.89 0.00	31.22 0.97 0.00	31.34 0.94 0.00	29.75 0.92 0.00	27.10 0.81 0.00	24.95 0.80 0.00	24.41 0.69 0.00	23.28 0.68 -0.04
ROARING___BROOK_WT_PWR 323790	24.88 -0.85 0.00	21.63 -0.74 0.00	21.05 -0.81 0.00	20.31 -0.87 0.00	18.42 -0.83 0.00	19.94 -0.87 0.00	21.50 -0.85 0.00	21.52 -0.76 0.00	23.63 -0.71 0.00	24.61 -0.63 0.00	23.86 -0.56 0.00	24.47 -0.55 0.00	24.42 -0.57 0.00	24.08 -0.54 0.00	24.23 -0.57 0.00	24.82 -0.66 0.00	26.93 -0.75 0.00	29.40 -0.85 0.00	29.58 -0.82 0.00	28.07 -0.75 0.00	25.65 -0.63 0.00	23.60 -0.55 0.00	23.17 -0.54 0.00	22.00 -0.56 0.00



ROCHESRG_115KV_T4 355643	24.44 -1.29 0.00	21.20 -1.16 0.00	20.69 -1.16 0.01	19.98 -1.19 0.01	18.25 -1.12 -0.12	19.66 -1.21 -0.05	21.06 -1.27 0.01	20.79 -1.47 0.01	22.67 -1.65 0.01	23.84 -1.39 0.01	23.01 -1.39 0.01	23.56 -1.45 0.01	23.28 -1.70 0.01	22.94 -1.67 0.01	23.09 -1.64 0.07	23.45 -1.81 0.22	25.58 -1.61 0.49	27.31 -1.88 1.07	27.76 -1.70 0.93	25.98 -2.02 0.83	24.74 -1.42 0.12	22.67 -1.47 0.01	22.40 -1.30 0.01	21.18 -1.38 0.01
ROCHESTER_9_IC 23652	24.55 -1.18 0.00	21.29 -1.07 0.00	20.77 -1.07 0.01	20.06 -1.10 0.01	18.31 -1.06 -0.12	19.75 -1.12 -0.05	21.15 -1.18 0.01	20.88 -1.38 0.01	22.79 -1.53 0.01	23.97 -1.26 0.01	23.11 -1.29 0.01	23.68 -1.33 0.01	23.40 -1.57 0.01	23.04 -1.58 0.01	23.19 -1.54 0.07	23.56 -1.71 0.22	25.70 -1.49 0.49	27.44 -1.75 1.06	27.92 -1.55 0.92	26.13 -1.87 0.82	24.87 -1.29 0.12	22.77 -1.38 0.01	22.50 -1.21 0.01	21.27 -1.29 0.01
ROCKVIEW_13_KV_LD 356306	27.09 1.36 0.00	23.46 1.10 0.00	22.99 1.14 0.00	22.30 1.12 0.00	22.94 0.98 -2.71	23.13 1.04 -1.28	23.49 1.14 0.00	23.48 1.20 0.00	25.74 1.41 0.00	26.70 1.46 0.00	25.95 1.54 0.00	26.57 1.55 0.00	26.66 1.67 0.00	26.48 1.67 -0.18	26.63 1.83 0.00	27.47 1.99 0.00	29.70 2.02 0.00	32.43 2.18 0.00	32.40 2.01 0.00	30.81 1.99 0.00	27.91 1.63 0.00	25.58 1.43 0.00	24.98 1.26 0.00	23.86 1.26 -0.03
ROME____115KV_TB2 80656	26.40 0.67 0.00	22.90 0.54 0.00	22.36 0.50 0.00	21.64 0.47 0.00	19.79 0.42 -0.12	21.35 0.48 -0.06	22.97 0.63 0.00	22.90 0.62 0.00	25.01 0.68 0.00	26.00 0.76 0.00	25.12 0.71 0.00	25.72 0.70 0.00	25.61 0.62 0.00	25.17 0.54 0.00	25.26 0.47 0.01	25.94 0.48 0.03	28.14 0.53 0.06	30.78 0.67 0.13	30.95 0.67 0.12	29.36 0.63 0.10	26.92 0.66 0.02	24.74 0.58 0.00	24.24 0.52 0.00	23.02 0.45 0.00
ROSETON___1 23587	26.66 0.92 0.00	23.15 0.78 0.00	22.64 0.79 0.00	21.98 0.80 0.00	22.67 0.73 -2.69	22.85 0.77 -1.26	23.15 0.80 0.00	23.10 0.82 0.00	25.38 1.05 0.00	26.30 1.06 0.00	25.52 1.10 0.00	26.17 1.15 0.00	26.21 1.22 0.00	25.86 1.23 0.00	26.16 1.36 0.00	26.96 1.48 0.00	29.23 1.55 0.00	31.88 1.63 0.00	31.88 1.49 0.00	30.29 1.47 0.00	27.49 1.21 0.00	25.22 1.06 0.00	24.62 0.90 0.00	23.59 0.99 -0.03
ROSETON___2 23588	26.66 0.92 0.00	23.15 0.78 0.00	22.64 0.79 0.00	21.98 0.80 0.00	22.67 0.73 -2.69	22.85 0.77 -1.26	23.15 0.80 0.00	23.10 0.82 0.00	25.38 1.05 0.00	26.30 1.06 0.00	25.52 1.10 0.00	26.17 1.15 0.00	26.21 1.22 0.00	25.86 1.23 0.00	26.16 1.36 0.00	26.96 1.48 0.00	29.23 1.55 0.00	31.88 1.63 0.00	31.88 1.49 0.00	30.29 1.47 0.00	27.49 1.21 0.00	25.22 1.06 0.00	24.62 0.90 0.00	23.59 0.99 -0.03
ROTRRDAM_115KV_TB3 80664	26.68 0.95 0.00	23.17 0.81 0.00	22.66 0.81 0.00	21.96 0.78 0.00	23.54 0.71 -3.58	23.29 0.79 -1.68	23.20 0.85 0.00	23.10 0.82 0.00	25.28 0.95 0.00	26.17 0.93 0.00	25.27 0.85 0.00	25.89 0.88 0.00	25.91 0.92 0.00	25.54 0.91 0.00	25.79 0.99 0.00	26.55 1.07 0.00	28.79 1.11 0.00	31.49 1.24 0.00	31.67 1.28 0.00	30.06 1.24 0.00	27.36 1.08 0.00	25.12 0.97 0.00	24.60 0.88 0.00	23.44 0.83 -0.04
RUSSELL___1 23602	24.65 -1.08 0.00	21.38 -0.98 0.00	20.84 -1.01 0.01	20.13 -1.04 0.01	18.37 -1.00 -0.12	19.81 -1.06 -0.05	21.22 -1.12 0.01	20.97 -1.29 0.01	22.89 -1.44 0.01	24.07 -1.16 0.01	23.21 -1.20 0.01	23.78 -1.23 0.01	23.50 -1.47 0.01	23.11 -1.50 0.01	23.29 -1.44 0.07	23.63 -1.63 0.22	25.81 -1.38 0.49	27.53 -1.66 1.06	28.05 -1.43 0.92	26.25 -1.76 0.82	24.98 -1.18 0.12	22.87 -1.28 0.01	22.57 -1.14 0.01	21.34 -1.22 0.01
RUSSELL___2 23532	24.65 -1.08 0.00	21.38 -0.98 0.00	20.84 -1.01 0.01	20.13 -1.04 0.01	18.37 -1.00 -0.12	19.81 -1.06 -0.05	21.22 -1.12 0.01	20.97 -1.29 0.01	22.89 -1.44 0.01	24.07 -1.16 0.01	23.21 -1.20 0.01	23.78 -1.23 0.01	23.50 -1.47 0.01	23.11 -1.50 0.01	23.29 -1.44 0.07	23.63 -1.63 0.22	25.81 -1.38 0.49	27.53 -1.66 1.06	28.05 -1.43 0.92	26.25 -1.76 0.82	24.98 -1.18 0.12	22.87 -1.28 0.01	22.57 -1.14 0.01	21.34 -1.22 0.01
RUSSELL___3 23549	24.65 -1.08 0.00	21.38 -0.98 0.00	20.84 -1.01 0.01	20.13 -1.04 0.01	18.37 -1.00 -0.12	19.81 -1.06 -0.05	21.22 -1.12 0.01	20.97 -1.29 0.01	22.89 -1.44 0.01	24.07 -1.16 0.01	23.21 -1.20 0.01	23.78 -1.23 0.01	23.50 -1.47 0.01	23.11 -1.50 0.01	23.29 -1.44 0.07	23.63 -1.63 0.22	25.81 -1.38 0.49	27.53 -1.66 1.06	28.05 -1.43 0.92	26.25 -1.76 0.82	24.98 -1.18 0.12	22.87 -1.28 0.01	22.57 -1.14 0.01	21.34 -1.22 0.01
RUSSELL___4 23556	24.65 -1.08 0.00	21.38 -0.98 0.00	20.84 -1.01 0.01	20.13 -1.04 0.01	18.37 -1.00 -0.12	19.81 -1.06 -0.05	21.22 -1.12 0.01	20.97 -1.29 0.01	22.89 -1.44 0.01	24.07 -1.16 0.01	23.21 -1.20 0.01	23.78 -1.23 0.01	23.50 -1.47 0.01	23.11 -1.50 0.01	23.29 -1.44 0.07	23.63 -1.63 0.22	25.81 -1.38 0.49	27.53 -1.66 1.06	28.05 -1.43 0.92	26.25 -1.76 0.82	24.98 -1.18 0.12	22.87 -1.28 0.01	22.57 -1.14 0.01	21.34 -1.22 0.01
RUSSELL___STATION 23914	24.65 -1.08 0.00	21.38 -0.98 0.00	20.84 -1.01 0.01	20.13 -1.04 0.01	18.37 -1.00 -0.12	19.81 -1.06 -0.05	21.22 -1.12 0.01	20.97 -1.29 0.01	22.89 -1.44 0.01	24.07 -1.16 0.01	23.21 -1.20 0.01	23.78 -1.23 0.01	23.50 -1.47 0.01	23.11 -1.50 0.01	23.29 -1.44 0.07	23.63 -1.63 0.22	25.81 -1.38 0.49	27.53 -1.66 1.06	28.05 -1.43 0.92	26.25 -1.76 0.82	24.98 -1.18 0.12	22.87 -1.28 0.01	22.57 -1.14 0.01	21.34 -1.22 0.01
S SALMON___HYD 24043	25.42 -0.31 0.00	22.07 -0.29 0.00	21.55 -0.31 0.00	20.86 -0.32 0.00	19.13 -0.29 -0.17	20.56 -0.33 -0.08	22.06 -0.29 0.00	21.98 -0.29 0.00	23.92 -0.41 0.00	24.89 -0.35 0.00	24.02 -0.39 0.00	24.62 -0.40 0.00	24.49 -0.50 0.00	24.08 -0.54 0.00	24.21 -0.60 -0.02	24.85 -0.69 -0.06	27.10 -0.72 -0.14	29.84 -0.69 -0.29	30.01 -0.64 -0.25	28.41 -0.63 -0.22	25.82 -0.50 -0.04	23.67 -0.48 0.00	23.39 -0.33 0.00	22.18 -0.38 0.00
S.PERRY__115KV_TB1 80734	25.11 -0.62 0.00	21.74 -0.63 0.00	21.16 -0.68 0.02	20.43 -0.72 0.02	18.61 -0.69 -0.05	20.12 -0.71 -0.01	21.61 -0.72 0.02	21.47 -0.78 0.02	23.36 -0.95 0.02	24.36 -0.86 0.02	23.39 -1.00 0.02	23.87 -1.13 0.02	23.64 -1.32 0.02	23.22 -1.38 0.02	23.37 -1.34 0.08	23.83 -1.40 0.25	26.00 -1.16 0.51	27.85 -1.24 1.16	28.44 -0.97 0.99	26.80 -1.12 0.90	25.45 -0.71 0.12	23.29 -0.85 0.02	22.91 -0.78 0.02	21.64 -0.90 0.02
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.49 -2.24 0.00	20.37 -1.99 0.00	19.89 -1.95 0.02	19.23 -1.93 0.02	17.55 -1.81 -0.12	18.91 -1.96 -0.05	20.25 -2.08 0.02	19.99 -2.27 0.02	21.76 -2.55 0.02	22.82 -2.40 0.02	22.05 -2.34 0.02	22.57 -2.43 0.02	22.37 -2.60 0.02	22.05 -2.56 0.02	22.17 -2.55 0.08	22.52 -2.73 0.23	24.44 -2.74 0.50	26.03 -3.12 1.11	26.49 -2.95 0.95	24.83 -3.14 0.86	23.72 -2.44 0.12	21.80 -2.34 0.02	21.57 -2.13 0.02	20.47 -2.08 0.02



SAWYER___23_KV_LOAD 55526	23.49 -2.24 0.00	20.37 -1.99 0.00	19.89 -1.95 0.02	19.23 -1.93 0.02	17.55 -1.81 -0.12	18.91 -1.96 -0.05	20.25 -2.08 0.02	19.99 -2.27 0.02	21.76 -2.55 0.02	22.82 -2.40 0.02	22.05 -2.34 0.02	22.57 -2.43 0.02	22.37 -2.60 0.02	22.05 -2.56 0.02	22.17 -2.55 0.08	22.52 -2.73 0.23	24.44 -2.74 0.50	26.03 -3.12 1.11	26.49 -2.95 0.95	24.83 -3.14 0.86	23.72 -2.44 0.12	21.80 -2.34 0.02	21.57 -2.13 0.02	20.47 -2.08 0.02
SELKIRK___I 23801	26.45 0.72 0.00	23.06 0.69 0.00	22.62 0.76 0.00	21.94 0.76 0.00	23.33 0.71 -3.37	23.15 0.75 -1.58	23.13 0.78 0.00	22.99 0.71 0.00	25.21 0.87 0.00	26.00 0.76 0.00	25.08 0.66 0.00	25.69 0.68 0.00	25.72 0.73 0.00	25.34 0.71 0.00	25.59 0.79 0.00	26.32 0.84 0.00	28.54 0.86 0.00	31.25 1.00 0.00	31.37 0.97 0.00	29.80 0.98 0.00	27.12 0.84 0.00	24.98 0.82 0.00	24.43 0.71 0.00	23.32 0.72 -0.04
SELKIRK___II 23799	26.25 0.51 0.00	22.88 0.51 0.00	22.47 0.61 0.00	21.79 0.61 0.00	23.24 0.58 -3.42	23.03 0.60 -1.60	22.97 0.62 0.00	22.88 0.60 0.00	25.09 0.76 0.00	25.90 0.66 0.00	25.03 0.61 0.00	25.64 0.63 0.00	25.67 0.67 0.00	25.32 0.69 0.00	25.56 0.77 0.00	26.27 0.79 0.00	28.48 0.80 0.00	31.13 0.88 0.00	31.24 0.85 0.00	29.66 0.84 0.00	26.99 0.71 0.00	24.83 0.68 0.00	24.31 0.59 0.00	23.21 0.61 -0.04
SENECA OSWGO___HYD 24041	25.45 -0.28 0.00	22.10 -0.27 0.00	21.57 -0.28 0.00	20.88 -0.30 0.00	19.17 -0.27 -0.19	20.64 -0.27 -0.09	22.08 -0.27 0.00	22.01 -0.27 0.00	23.92 -0.41 0.00	24.89 -0.35 0.00	24.02 -0.39 0.00	24.59 -0.43 0.00	24.54 -0.45 0.00	24.13 -0.49 0.00	24.26 -0.57 -0.03	24.98 -0.61 -0.11	27.35 -0.61 -0.27	30.19 -0.64 -0.58	30.30 -0.61 -0.51	28.66 -0.61 -0.45	25.88 -0.47 -0.07	23.72 -0.43 0.00	23.41 -0.31 0.00	22.23 -0.34 0.00
SENECA___115KV_TB3 355854	23.75 -1.98 0.00	20.55 -1.81 0.00	20.07 -1.77 0.02	19.42 -1.74 0.02	17.76 -1.60 -0.11	19.11 -1.75 -0.04	20.50 -1.83 0.02	20.34 -1.92 0.02	22.15 -2.17 0.02	23.08 -2.15 0.02	22.35 -2.05 0.02	22.85 -2.15 0.02	22.75 -2.22 0.02	22.42 -2.19 0.02	22.46 -2.26 0.08	22.85 -2.39 0.23	24.66 -2.52 0.50	26.30 -2.84 1.11	26.74 -2.71 0.95	25.25 -2.71 0.86	23.93 -2.23 0.12	22.06 -2.08 0.02	21.75 -1.94 0.02	20.72 -1.83 0.02
SENECA___ENERGY 23797	25.24 -0.49 0.00	21.87 -0.49 0.00	21.32 -0.52 0.01	20.64 -0.53 0.01	18.90 -0.46 -0.12	20.39 -0.48 -0.05	21.85 -0.49 0.01	21.82 -0.45 0.01	23.69 -0.63 0.01	24.67 -0.56 0.01	23.80 -0.61 0.01	24.33 -0.67 0.01	24.25 -0.73 0.01	23.85 -0.76 0.01	23.94 -0.82 0.03	24.54 -0.84 0.09	26.69 -0.80 0.19	28.97 -0.85 0.43	29.27 -0.76 0.37	27.71 -0.78 0.34	25.64 -0.60 0.04	23.52 -0.63 0.01	23.16 -0.54 0.01	21.92 -0.63 0.01
SHOEMAKER___GT 23640	26.53 0.80 0.00	23.01 0.65 0.00	22.49 0.63 0.00	21.83 0.66 0.00	22.22 0.60 -2.37	22.56 0.62 -1.11	23.00 0.65 0.00	22.90 0.62 0.00	25.16 0.83 0.00	26.07 0.83 0.00	25.29 0.88 0.00	25.92 0.90 0.00	25.94 0.95 0.00	25.40 0.94 0.16	25.88 1.09 0.00	26.68 1.20 0.00	28.95 1.27 0.00	31.61 1.36 0.00	31.64 1.25 0.00	30.06 1.24 0.00	27.28 1.00 0.00	25.03 0.87 0.00	24.43 0.71 0.00	23.38 0.79 -0.03
SHOEMAKR_138KV_BK 111 55601	26.58 0.85 0.00	23.03 0.67 0.00	22.53 0.68 0.00	21.85 0.68 0.00	22.19 0.60 -2.35	22.55 0.62 -1.10	23.04 0.69 0.00	22.99 0.71 0.00	25.16 0.83 0.00	26.07 0.83 0.00	25.29 0.88 0.00	25.89 0.88 0.00	25.96 0.97 0.00	25.41 0.94 0.15	25.89 1.09 0.00	26.68 1.20 0.00	28.93 1.25 0.00	31.61 1.36 0.00	31.64 1.25 0.00	30.06 1.24 0.00	27.28 1.00 0.00	25.03 0.87 0.00	24.45 0.74 0.00	23.34 0.74 -0.03
SHOREHAM_IC_1 23715	35.49 1.75 -8.01	31.70 1.45 -7.89	30.37 1.53 -6.98	27.83 1.48 -5.17	27.54 1.35 -6.95	26.17 1.46 -3.90	23.76 1.41 0.00	25.63 1.60 -1.75	25.60 1.26 0.00	26.82 1.51 -0.07	30.93 1.54 -4.97	32.85 1.63 -6.20	32.26 1.67 -5.60	33.41 1.72 -7.06	33.56 1.94 -6.83	33.99 2.09 -6.42	33.98 2.19 -4.11	35.83 2.33 -3.25	35.35 2.16 -2.79	34.78 2.08 -3.88	32.38 1.71 -4.39	30.86 1.47 -5.23	29.71 1.71 -4.29	27.50 1.81 -3.13
SHOREHAM_IC_2 23716	35.49 1.75 -8.01	31.70 1.45 -7.89	30.37 1.53 -6.98	27.83 1.48 -5.17	27.54 1.35 -6.95	26.17 1.46 -3.90	23.76 1.41 0.00	25.63 1.60 -1.75	25.60 1.26 0.00	26.82 1.51 -0.07	30.93 1.54 -4.97	32.85 1.63 -6.20	32.26 1.67 -5.60	33.41 1.72 -7.06	33.56 1.94 -6.83	33.99 2.09 -6.42	33.98 2.19 -4.11	35.83 2.33 -3.25	35.35 2.16 -2.79	34.78 2.08 -3.88	32.38 1.71 -4.39	30.86 1.47 -5.23	29.71 1.71 -4.29	27.50 1.81 -3.13
SISSONVILLE____ 23735	24.75 -0.98 0.00	21.58 -0.78 0.00	21.03 -0.83 0.00	20.35 -0.83 0.00	18.61 -0.64 0.00	20.05 -0.77 0.00	21.48 -0.87 0.00	21.41 -0.87 0.00	23.41 -0.92 0.00	24.33 -0.91 0.00	23.56 -0.85 0.00	24.19 -0.83 0.00	24.07 -0.92 0.00	23.74 -0.89 0.00	23.80 -0.99 0.00	24.33 -1.15 0.00	26.46 -1.22 0.00	28.98 -1.27 0.00	29.24 -1.15 0.00	27.67 -1.15 0.00	25.20 -1.08 0.00	23.14 -1.01 0.00	22.65 -1.07 0.00	21.53 -1.04 0.00
SITHE_IND_GS1 24169	25.16 -0.57 0.00	21.85 -0.51 0.00	21.35 -0.50 0.00	20.69 -0.49 0.00	18.96 -0.44 -0.15	20.41 -0.48 -0.07	21.84 -0.51 0.00	21.74 -0.53 0.00	23.63 -0.71 0.00	24.56 -0.68 0.00	23.73 -0.68 0.00	24.29 -0.73 0.00	24.24 -0.75 0.00	23.89 -0.74 0.00	23.66 -0.84 0.29	23.52 -0.89 1.07	24.16 -0.94 2.58	23.81 -1.00 5.44	24.55 -1.00 4.84	23.65 -0.98 4.19	24.76 -0.84 0.68	23.43 -0.72 0.00	23.15 -0.57 0.00	22.00 -0.56 0.00
SITHE_IND_GS2 24170	25.16 -0.57 0.00	21.85 -0.51 0.00	21.35 -0.50 0.00	20.69 -0.49 0.00	18.96 -0.44 -0.15	20.41 -0.48 -0.07	21.84 -0.51 0.00	21.74 -0.53 0.00	23.63 -0.71 0.00	24.56 -0.68 0.00	23.73 -0.68 0.00	24.29 -0.73 0.00	24.24 -0.75 0.00	23.89 -0.74 0.00	23.66 -0.84 0.29	23.52 -0.89 1.07	24.16 -0.94 2.58	23.81 -1.00 5.44	24.55 -1.00 4.84	23.65 -0.98 4.19	24.76 -0.84 0.68	23.43 -0.72 0.00	23.15 -0.57 0.00	22.00 -0.56 0.00
SITHE_IND_GS3 24171	25.16 -0.57 0.00	21.85 -0.51 0.00	21.35 -0.50 0.00	20.69 -0.49 0.00	18.96 -0.44 -0.15	20.41 -0.48 -0.07	21.84 -0.51 0.00	21.74 -0.53 0.00	23.63 -0.71 0.00	24.56 -0.68 0.00	23.73 -0.68 0.00	24.29 -0.73 0.00	24.24 -0.75 0.00	23.89 -0.74 0.00	23.66 -0.84 0.29	23.52 -0.89 1.07	24.16 -0.94 2.58	23.81 -1.00 5.44	24.55 -1.00 4.84	23.65 -0.98 4.19	24.76 -0.84 0.68	23.43 -0.72 0.00	23.15 -0.57 0.00	22.00 -0.56 0.00
SITHE_IND_GS4 24172	25.16 -0.57 0.00	21.85 -0.51 0.00	21.35 -0.50 0.00	20.69 -0.49 0.00	18.96 -0.44 -0.15	20.41 -0.48 -0.07	21.84 -0.51 0.00	21.74 -0.53 0.00	23.63 -0.71 0.00	24.56 -0.68 0.00	23.73 -0.68 0.00	24.29 -0.73 0.00	24.24 -0.75 0.00	23.89 -0.74 0.00	23.66 -0.84 0.29	23.52 -0.89 1.07	24.16 -0.94 2.58	23.81 -1.00 5.44	24.55 -1.00 4.84	23.65 -0.98 4.19	24.76 -0.84 0.68	23.43 -0.72 0.00	23.15 -0.57 0.00	22.00 -0.56 0.00



SITHE____BATAVIA 24024	24.21 -1.52 0.00	20.93 -1.43 0.00	20.44 -1.40 0.01	19.74 -1.42 0.01	18.06 -1.31 -0.12	19.51 -1.35 -0.05	20.77 -1.56 0.01	20.88 -1.38 0.01	22.35 -1.97 0.01	23.48 -1.74 0.01	22.67 -1.73 0.01	22.98 -2.03 0.01	22.88 -2.10 0.01	22.52 -2.09 0.01	22.67 -2.06 0.07	22.99 -2.27 0.22	24.89 -2.30 0.49	26.75 -2.42 1.08	27.31 -2.16 0.93	25.57 -2.42 0.83	24.43 -1.74 0.12	22.33 -1.81 0.01	22.09 -1.61 0.01	20.68 -1.87 0.01
SITHE____INDEPEND 23800	25.09 -0.64 0.00	21.80 -0.56 0.00	21.31 -0.55 0.00	20.65 -0.53 0.00	18.90 -0.50 -0.15	20.35 -0.54 -0.07	21.79 -0.56 0.00	21.70 -0.58 0.00	23.63 -0.71 0.00	24.56 -0.68 0.00	23.73 -0.68 0.00	24.32 -0.70 0.00	24.24 -0.75 0.00	23.89 -0.74 0.00	23.66 -0.84 0.29	23.52 -0.89 1.07	24.19 -0.91 2.58	23.81 -1.00 5.44	24.55 -1.00 4.84	23.65 -0.98 4.19	24.76 -0.84 0.68	23.43 -0.72 0.00	23.13 -0.59 0.00	22.02 -0.54 0.00
SITHE____MASSENA 23902	25.55 -0.18 0.00	22.25 -0.11 0.00	21.73 -0.13 0.00	21.03 -0.15 0.00	19.07 -0.17 0.00	20.65 -0.17 0.00	22.19 -0.16 0.00	22.12 -0.15 0.00	24.16 -0.17 0.00	25.04 -0.20 0.00	24.22 -0.20 0.00	24.87 -0.15 0.00	24.79 -0.20 0.00	24.46 -0.17 0.00	24.57 -0.22 0.00	25.20 -0.28 0.00	27.40 -0.28 0.00	29.95 -0.30 0.00	30.15 -0.24 0.00	28.56 -0.26 0.00	26.07 -0.21 0.00	23.96 -0.19 0.00	23.50 -0.21 0.00	22.34 -0.23 0.00
SITHE____OGDNSBRG 24021	25.50 -0.23 0.00	22.25 -0.11 0.00	21.66 -0.20 0.00	20.97 -0.21 0.00	19.13 -0.12 0.00	20.65 -0.17 0.00	22.15 -0.20 0.00	22.07 -0.20 0.00	24.11 -0.22 0.00	24.99 -0.25 0.00	24.17 -0.24 0.00	24.79 -0.23 0.00	24.69 -0.30 0.00	24.33 -0.30 0.00	24.42 -0.37 0.00	25.02 -0.46 0.00	27.24 -0.44 0.00	29.80 -0.45 0.00	30.06 -0.33 0.00	28.48 -0.35 0.00	25.99 -0.29 0.00	23.87 -0.29 0.00	23.34 -0.38 0.00	22.18 -0.38 0.00
SITHE____STERLING 23777	26.30 0.57 0.00	22.83 0.47 0.00	22.29 0.44 0.00	21.58 0.40 0.00	19.75 0.36 -0.14	21.30 0.42 -0.07	22.86 0.51 0.00	22.81 0.53 0.00	24.89 0.56 0.00	25.84 0.60 0.00	24.98 0.56 0.00	25.57 0.55 0.00	25.49 0.50 0.00	25.05 0.42 0.00	25.16 0.37 0.01	25.83 0.38 0.03	28.02 0.42 0.08	30.60 0.51 0.17	30.76 0.52 0.15	29.18 0.49 0.13	26.76 0.50 0.02	24.59 0.44 0.00	24.15 0.43 0.00	22.93 0.36 0.00
SLEIGHT__34_KV_TB1 80719	24.80 -0.93 0.00	21.51 -0.85 0.00	20.97 -0.87 0.01	20.28 -0.89 0.01	18.53 -0.85 -0.13	19.98 -0.90 -0.06	21.42 -0.92 0.01	21.24 -1.02 0.01	23.18 -1.14 0.01	24.30 -0.93 0.01	23.43 -0.98 0.01	23.98 -1.03 0.01	23.78 -1.20 0.01	23.36 -1.26 0.01	23.50 -1.24 0.05	23.93 -1.38 0.17	26.08 -1.22 0.38	28.00 -1.42 0.82	28.40 -1.28 0.72	26.74 -1.44 0.64	25.16 -1.02 0.09	23.06 -1.09 0.01	22.76 -0.95 0.01	21.52 -1.04 0.01
SOUTH CAIRO__GT 23612	27.20 1.47 0.00	23.66 1.30 0.00	23.25 1.40 0.00	22.53 1.36 0.00	23.57 1.10 -3.23	23.54 1.21 -1.52	23.78 1.43 0.00	23.43 1.16 0.00	25.79 1.46 0.00	26.45 1.21 0.00	25.49 1.07 0.00	26.02 1.00 0.00	26.09 1.10 0.00	25.59 0.96 0.00	25.94 1.14 0.00	26.70 1.22 0.00	29.06 1.38 0.00	31.91 1.66 0.00	32.16 1.76 0.00	30.55 1.73 0.00	27.78 1.50 0.00	25.56 1.40 0.00	24.93 1.21 0.00	23.80 1.20 -0.04
SOUTH HAMPTN__IC 23720	35.75 2.01 -8.01	31.91 1.65 -7.89	30.54 1.71 -6.98	28.02 1.67 -5.17	27.70 1.50 -6.95	26.36 1.64 -3.90	23.96 1.61 0.00	25.85 1.83 -1.75	25.94 1.61 0.00	27.20 1.89 -0.07	31.37 1.98 -4.97	33.38 2.15 -6.20	32.76 2.17 -5.60	33.93 2.24 -7.06	34.06 2.43 -6.83	34.47 2.57 -6.42	34.47 2.68 -4.11	36.38 2.88 -3.25	35.83 2.64 -2.79	35.21 2.51 -3.88	32.75 2.08 -4.39	31.15 1.76 -5.23	29.88 1.87 -4.29	27.64 1.94 -3.13
SOUTHDOW_115KV_TB1 355954	24.52 -1.21 0.00	21.18 -1.19 0.00	20.54 -1.29 0.02	19.95 -1.21 0.02	18.27 -1.06 -0.09	19.66 -1.19 -0.03	21.16 -1.16 0.02	21.29 -0.96 0.02	23.12 -1.19 0.02	23.88 -1.34 0.02	23.12 -1.27 0.02	23.60 -1.40 0.02	23.57 -1.40 0.02	23.20 -1.40 0.02	23.12 -1.59 0.08	23.55 -1.68 0.24	25.18 -1.99 0.51	26.95 -2.15 1.15	27.35 -2.07 0.98	26.09 -1.84 0.89	24.48 -1.68 0.12	22.59 -1.55 0.02	22.22 -1.47 0.02	21.21 -1.33 0.02
SOUTHOLD_69_KV_BK 2 55809	36.08 2.34 -8.01	32.13 1.88 -7.89	30.78 1.95 -6.98	28.19 1.84 -5.17	27.83 1.64 -6.95	26.55 1.83 -3.90	24.25 1.90 0.00	26.14 2.12 -1.75	26.25 1.92 0.00	27.61 2.30 -0.07	31.83 2.44 -4.97	33.85 2.63 -6.20	33.29 2.70 -5.60	34.45 2.76 -7.06	34.58 2.95 -6.83	34.98 3.08 -6.42	35.00 3.21 -4.11	36.95 3.45 -3.25	36.35 3.16 -2.79	35.67 2.97 -3.88	33.04 2.37 -4.39	31.41 2.03 -5.23	30.05 2.04 -4.29	27.68 1.99 -3.13
SOUTHOLD__IC 23719	35.98 2.24 -8.01	32.08 1.83 -7.89	30.72 1.88 -6.98	28.15 1.80 -5.17	27.83 1.64 -6.95	26.52 1.81 -3.90	24.11 1.77 0.00	26.05 2.03 -1.75	26.25 1.92 0.00	27.61 2.30 -0.07	31.83 2.44 -4.97	33.90 2.68 -6.20	33.29 2.70 -5.60	34.45 2.76 -7.06	34.58 2.95 -6.83	34.98 3.08 -6.42	35.03 3.24 -4.11	36.98 3.48 -3.25	36.38 3.19 -2.79	35.65 2.94 -3.88	33.06 2.39 -4.39	31.41 2.03 -5.23	30.02 2.01 -4.29	27.71 2.01 -3.13
SOUTH_FORK_WT_PWR 323839	35.87 2.13 -8.01	32.00 1.75 -7.89	30.63 1.79 -6.98	28.07 1.71 -5.17	27.74 1.54 -6.95	26.44 1.73 -3.90	24.03 1.68 0.00	25.98 1.96 -1.75	26.21 1.87 0.00	27.58 2.27 -0.07	31.83 2.44 -4.97	33.93 2.70 -6.20	33.31 2.72 -5.60	34.50 2.81 -7.06	34.60 2.97 -6.83	35.01 3.11 -6.42	35.03 3.24 -4.11	36.95 3.45 -3.25	36.32 3.13 -2.79	35.59 2.88 -3.88	32.96 2.29 -4.39	31.29 1.91 -5.23	29.88 1.87 -4.29	27.57 1.87 -3.13
SPIERFLS_115KV_TB 1 80737	27.64 1.90 0.00	24.00 1.63 0.00	23.43 1.57 0.00	22.70 1.52 0.00	24.17 1.39 -3.54	24.00 1.52 -1.66	24.00 1.65 0.00	23.81 1.54 0.00	26.23 1.90 0.00	27.18 1.94 0.00	26.03 1.61 0.00	26.67 1.65 0.00	26.59 1.60 0.00	26.13 1.50 0.00	26.36 1.56 0.00	27.11 1.63 0.00	29.40 1.72 0.00	32.22 1.97 0.00	32.67 2.28 0.00	31.07 2.25 0.00	28.36 2.08 0.00	26.04 1.88 0.00	25.40 1.68 0.00	24.16 1.56 -0.04
ST LAWRENCE____ 23600	25.40 -0.34 0.00	22.12 -0.25 0.00	21.59 -0.26 0.00	20.90 -0.28 0.00	18.98 -0.27 0.00	20.53 -0.29 0.00	22.06 -0.29 0.00	21.96 -0.31 0.00	23.99 -0.34 0.00	24.89 -0.35 0.00	24.07 -0.34 0.00	24.72 -0.30 0.00	24.64 -0.35 0.00	24.31 -0.32 0.00	24.45 -0.35 0.00	25.07 -0.41 0.00	27.27 -0.41 0.00	29.80 -0.45 0.00	30.00 -0.40 0.00	28.45 -0.38 0.00	25.97 -0.31 0.00	23.84 -0.31 0.00	23.41 -0.31 0.00	22.25 -0.32 0.00
STATE_CA_115KV_115_LB 55624	26.37 0.64 0.00	22.99 0.63 0.00	22.62 0.76 0.00	21.96 0.78 0.00	23.38 0.67 -3.46	23.17 0.73 -1.63	23.13 0.78 0.00	23.03 0.76 0.00	25.26 0.92 0.00	26.02 0.78 0.00	25.12 0.71 0.00	25.74 0.73 0.00	25.79 0.80 0.00	25.41 0.79 0.00	25.69 0.89 0.00	26.37 0.89 0.00	28.54 0.86 0.00	31.22 0.97 0.00	31.34 0.94 0.00	29.75 0.92 0.00	27.10 0.81 0.00	24.93 0.77 0.00	24.41 0.69 0.00	23.26 0.65 -0.04



STATE_ST_34_KV_LOAD 55959	25.53 -0.21 0.00	22.14 -0.22 0.00	21.61 -0.24 0.01	20.92 -0.25 0.01	19.19 -0.23 -0.17	20.65 -0.25 -0.08	22.14 -0.20 0.01	22.05 -0.22 0.01	24.03 -0.29 0.01	25.03 -0.20 0.01	24.17 -0.24 0.01	24.76 -0.25 0.01	24.66 -0.32 0.01	24.23 -0.39 0.01	24.34 -0.45 0.01	24.96 -0.48 0.03	27.21 -0.42 0.05	29.70 -0.42 0.13	29.92 -0.36 0.11	28.35 -0.37 0.10	26.01 -0.26 0.01	23.86 -0.29 0.01	23.50 -0.21 0.01	22.29 -0.27 0.00
STATION 5_MISC_HYD 23604	24.63 -1.11 0.00	21.31 -1.05 0.00	20.80 -1.05 0.01	20.09 -1.08 0.01	18.39 -0.98 -0.12	19.87 -1.00 -0.05	21.17 -1.16 0.01	21.24 -1.02 0.01	22.79 -1.53 0.01	23.97 -1.26 0.01	23.13 -1.27 0.01	23.51 -1.50 0.01	23.41 -1.57 0.01	23.04 -1.58 0.01	23.21 -1.51 0.07	23.56 -1.71 0.22	25.54 -1.66 0.49	27.44 -1.76 1.06	27.93 -1.55 0.92	26.19 -1.81 0.82	24.90 -1.26 0.12	22.79 -1.35 0.01	22.57 -1.14 0.01	21.11 -1.44 0.01
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.04 -0.69 0.00	21.71 -0.65 0.00	21.15 -0.70 0.01	20.45 -0.72 0.01	18.68 -0.67 -0.11	20.13 -0.73 -0.04	21.60 -0.74 0.01	21.46 -0.80 0.01	23.40 -0.92 0.01	24.50 -0.73 0.01	23.65 -0.76 0.01	24.21 -0.80 0.01	24.00 -0.97 0.01	23.58 -1.03 0.01	23.72 -1.02 0.06	24.15 -1.15 0.18	26.31 -0.97 0.40	28.23 -1.15 0.87	28.67 -0.97 0.76	26.99 -1.15 0.68	25.40 -0.79 0.10	23.28 -0.87 0.01	22.92 -0.78 0.01	21.70 -0.86 0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	24.50 -1.24 0.00	21.27 -1.10 0.00	20.73 -1.11 0.01	20.02 -1.14 0.01	18.29 -1.08 -0.12	19.70 -1.17 -0.05	21.11 -1.23 0.01	20.86 -1.40 0.01	22.76 -1.56 0.01	23.94 -1.29 0.01	23.09 -1.32 0.01	23.66 -1.35 0.01	23.38 -1.60 0.01	23.02 -1.60 0.01	23.17 -1.56 0.07	23.53 -1.73 0.21	25.68 -1.52 0.48	27.39 -1.81 1.05	27.87 -1.61 0.91	26.11 -1.90 0.81	24.82 -1.34 0.12	22.75 -1.40 0.01	22.45 -1.26 0.01	21.22 -1.33 0.01
STA_56___34_KV_BUS2 355983	24.50 -1.24 0.00	21.27 -1.10 0.00	20.73 -1.11 0.01	20.02 -1.14 0.01	18.29 -1.08 -0.12	19.70 -1.17 -0.05	21.11 -1.23 0.01	20.86 -1.40 0.01	22.76 -1.56 0.01	23.94 -1.29 0.01	23.09 -1.32 0.01	23.66 -1.35 0.01	23.38 -1.60 0.01	23.02 -1.60 0.01	23.17 -1.56 0.07	23.53 -1.73 0.21	25.68 -1.52 0.48	27.39 -1.81 1.05	27.87 -1.61 0.91	26.11 -1.90 0.81	24.82 -1.34 0.12	22.75 -1.40 0.01	22.45 -1.26 0.01	21.22 -1.33 0.01
STA_67___115KV_BK2 355882	24.52 -1.21 0.00	21.27 -1.10 0.00	20.73 -1.11 0.01	20.02 -1.14 0.01	18.29 -1.08 -0.12	19.70 -1.17 -0.05	21.11 -1.23 0.01	20.86 -1.40 0.01	22.74 -1.58 0.01	23.92 -1.31 0.01	23.09 -1.32 0.01	23.63 -1.38 0.01	23.35 -1.62 0.01	22.99 -1.63 0.01	23.17 -1.56 0.07	23.50 -1.76 0.22	25.67 -1.52 0.49	27.38 -1.81 1.06	27.86 -1.61 0.92	26.07 -1.93 0.82	24.82 -1.34 0.12	22.75 -1.40 0.01	22.45 -1.26 0.01	21.25 -1.31 0.01
STA_7___115KV_9TRANS 80674	24.65 -1.08 0.00	21.38 -0.98 0.00	20.84 -1.01 0.01	20.13 -1.04 0.01	18.37 -1.00 -0.12	19.81 -1.06 -0.05	21.22 -1.12 0.01	20.97 -1.29 0.01	22.89 -1.44 0.01	24.07 -1.16 0.01	23.21 -1.20 0.01	23.78 -1.23 0.01	23.50 -1.47 0.01	23.11 -1.50 0.01	23.29 -1.44 0.07	23.63 -1.63 0.22	25.81 -1.38 0.49	27.53 -1.66 1.06	28.05 -1.43 0.92	26.25 -1.76 0.82	24.98 -1.18 0.12	22.87 -1.28 0.01	22.57 -1.14 0.01	21.34 -1.22 0.01
STA_82___115KV_TB1 80780	24.52 -1.21 0.00	21.27 -1.10 0.00	20.75 -1.09 0.01	20.04 -1.12 0.01	18.29 -1.08 -0.12	19.72 -1.14 -0.05	21.13 -1.21 0.01	20.86 -1.40 0.01	22.76 -1.56 0.01	23.94 -1.29 0.01	23.09 -1.32 0.01	23.63 -1.38 0.01	23.38 -1.60 0.01	22.99 -1.63 0.01	23.17 -1.56 0.07	23.53 -1.73 0.21	25.68 -1.52 0.48	27.38 -1.81 1.05	27.87 -1.61 0.91	26.11 -1.90 0.81	24.85 -1.31 0.12	22.75 -1.40 0.01	22.47 -1.23 0.01	21.25 -1.31 0.01
STEEL___WIND 323596	23.77 -1.96 0.00	20.53 -1.83 0.00	20.07 -1.77 0.02	19.42 -1.74 0.02	17.76 -1.60 -0.11	19.15 -1.71 -0.04	20.47 -1.85 0.02	20.50 -1.76 0.02	22.15 -2.17 0.02	23.08 -2.15 0.02	22.30 -2.10 0.02	22.75 -2.25 0.02	22.72 -2.25 0.02	22.39 -2.22 0.02	22.41 -2.31 0.08	22.80 -2.45 0.23	24.55 -2.63 0.50	26.29 -2.84 1.11	26.71 -2.74 0.95	25.17 -2.80 0.86	23.93 -2.23 0.12	22.04 -2.10 0.02	21.75 -1.94 0.02	20.65 -1.90 0.02
STEPHTWN_115KV_BK_2 55603	26.58 0.85 0.00	23.15 0.78 0.00	22.75 0.90 0.00	22.09 0.91 0.00	23.46 0.79 -3.43	23.30 0.87 -1.61	23.31 0.96 0.00	23.19 0.91 0.00	25.45 1.12 0.00	26.20 0.96 0.00	25.29 0.88 0.00	25.89 0.88 0.00	25.94 0.95 0.00	25.59 0.96 0.00	25.84 1.04 0.00	26.52 1.04 0.00	28.73 1.05 0.00	31.43 1.18 0.00	31.58 1.19 0.00	30.01 1.18 0.00	27.31 1.02 0.00	25.15 0.99 0.00	24.57 0.85 0.00	23.41 0.81 -0.04
STEUBEN_REC_LFGE 323667	25.22 -0.51 0.00	21.78 -0.58 0.00	21.16 -0.63 0.07	20.56 -0.55 0.07	18.27 -0.48 0.50	20.05 -0.50 0.27	21.93 -0.36 0.07	22.05 -0.16 0.07	23.95 -0.32 0.07	24.75 -0.43 0.07	23.86 -0.49 0.07	24.35 -0.60 0.07	24.35 -0.57 0.07	23.80 -0.76 0.07	23.64 -0.99 0.16	24.08 -0.97 0.43	25.68 -1.19 0.81	27.15 -1.18 1.92	27.75 -1.06 1.58	26.76 -0.58 1.49	25.54 -0.58 0.17	23.49 -0.60 0.07	23.04 -0.62 0.07	21.79 -0.70 0.07
STILLWATER___SOLAR 323814	27.22 1.49 0.00	23.66 1.30 0.00	23.12 1.27 0.00	22.43 1.25 0.00	23.93 1.15 -3.52	23.72 1.25 -1.66	23.67 1.32 0.00	23.50 1.22 0.00	25.87 1.53 0.00	26.78 1.54 0.00	25.78 1.37 0.00	26.44 1.43 0.00	26.41 1.42 0.00	26.03 1.40 0.00	26.26 1.46 0.00	27.01 1.53 0.00	29.31 1.63 0.00	32.06 1.81 0.00	32.34 1.95 0.00	30.70 1.87 0.00	27.96 1.68 0.00	25.68 1.52 0.00	25.09 1.38 0.00	23.93 1.33 -0.04
STONY___BROOK 24151	35.54 1.80 -8.01	31.77 1.52 -7.89	30.39 1.55 -6.98	27.90 1.55 -5.17	27.60 1.40 -6.95	26.21 1.50 -3.90	23.82 1.47 0.00	25.67 1.65 -1.75	25.94 1.61 0.00	27.15 1.84 -0.07	31.27 1.88 -4.97	33.20 1.98 -6.20	32.61 2.02 -5.60	33.73 2.04 -7.06	33.88 2.26 -6.83	34.32 2.42 -6.42	34.33 2.54 -4.11	36.23 2.72 -3.25	35.74 2.55 -2.79	35.15 2.45 -3.88	32.75 2.08 -4.39	31.20 1.81 -5.23	29.79 1.78 -4.29	27.55 1.85 -3.13
STURGEON_POOL_HYD 23609	26.73 1.00 0.00	23.12 0.76 0.00	22.62 0.76 0.00	21.94 0.76 0.00	22.61 0.58 -2.79	22.73 0.60 -1.31	23.11 0.76 0.00	23.05 0.78 0.00	25.23 0.90 0.00	26.20 0.96 0.00	25.47 1.05 0.00	26.07 1.05 0.00	26.16 1.17 0.00	25.76 1.13 0.00	26.13 1.34 0.00	26.93 1.45 0.00	29.20 1.52 0.00	31.88 1.63 0.00	31.85 1.46 0.00	30.29 1.47 0.00	27.44 1.16 0.00	25.15 0.99 0.00	24.57 0.85 0.00	23.52 0.93 -0.03
ST_LAW_115_BK7_LBMP 345037	25.37 -0.36 0.00	22.10 -0.27 0.00	21.57 -0.28 0.00	20.88 -0.30 0.00	18.96 -0.29 0.00	20.51 -0.31 0.00	22.04 -0.31 0.00	21.96 -0.31 0.00	23.99 -0.34 0.00	24.86 -0.38 0.00	24.05 -0.37 0.00	24.69 -0.33 0.00	24.62 -0.37 0.00	24.28 -0.34 0.00	24.42 -0.37 0.00	25.04 -0.43 0.00	27.24 -0.44 0.00	29.76 -0.49 0.00	29.97 -0.43 0.00	28.42 -0.40 0.00	25.94 -0.34 0.00	23.82 -0.34 0.00	23.39 -0.33 0.00	22.23 -0.34 0.00



ST_LAW_115_BK8_LBMP 345038	25.37 -0.36 0.00	22.10 -0.27 0.00	21.57 -0.28 0.00	20.88 -0.30 0.00	18.96 -0.29 0.00	20.51 -0.31 0.00	22.04 -0.31 0.00	21.96 -0.31 0.00	23.99 -0.34 0.00	24.86 -0.38 0.00	24.05 -0.37 0.00	24.69 -0.33 0.00	24.62 -0.37 0.00	24.28 -0.34 0.00	24.42 -0.37 0.00	25.04 -0.43 0.00	27.24 -0.44 0.00	29.76 -0.49 0.00	29.97 -0.43 0.00	28.42 -0.40 0.00	25.94 -0.34 0.00	23.82 -0.34 0.00	23.39 -0.33 0.00	22.23 -0.34 0.00
ST_LAW_230_BK5_LBMP 345035	25.40 -0.34 0.00	22.12 -0.25 0.00	21.59 -0.26 0.00	20.90 -0.28 0.00	18.98 -0.27 0.00	20.53 -0.29 0.00	22.06 -0.29 0.00	21.96 -0.31 0.00	23.99 -0.34 0.00	24.89 -0.35 0.00	24.07 -0.34 0.00	24.72 -0.30 0.00	24.64 -0.35 0.00	24.31 -0.32 0.00	24.45 -0.35 0.00	25.07 -0.41 0.00	27.27 -0.41 0.00	29.80 -0.45 0.00	30.00 -0.40 0.00	28.45 -0.38 0.00	25.97 -0.31 0.00	23.84 -0.31 0.00	23.41 -0.31 0.00	22.25 -0.32 0.00
ST_LAW_230_BK6_LBMP 345036	25.40 -0.34 0.00	22.12 -0.25 0.00	21.59 -0.26 0.00	20.90 -0.28 0.00	18.98 -0.27 0.00	20.53 -0.29 0.00	22.06 -0.29 0.00	21.96 -0.31 0.00	23.99 -0.34 0.00	24.89 -0.35 0.00	24.07 -0.34 0.00	24.72 -0.30 0.00	24.64 -0.35 0.00	24.31 -0.32 0.00	24.45 -0.35 0.00	25.07 -0.41 0.00	27.27 -0.41 0.00	29.80 -0.45 0.00	30.00 -0.40 0.00	28.45 -0.38 0.00	25.97 -0.31 0.00	23.84 -0.31 0.00	23.41 -0.31 0.00	22.25 -0.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.71 0.98 0.00	23.12 0.76 0.00	22.62 0.76 0.00	21.94 0.76 0.00	22.34 0.65 -2.44	22.67 0.71 -1.15	23.11 0.76 0.00	23.08 0.80 0.00	25.26 0.92 0.00	26.20 0.96 0.00	25.42 1.00 0.00	26.02 1.00 0.00	26.09 1.10 0.00	25.53 1.08 0.18	26.06 1.26 0.00	26.85 1.38 0.00	29.09 1.41 0.00	31.79 1.54 0.00	31.79 1.40 0.00	30.21 1.38 0.00	27.41 1.13 0.00	25.12 0.97 0.00	24.55 0.83 0.00	23.43 0.83 -0.03
SWANROAD_115KV_TB1 355699	22.98 -2.75 0.00	19.90 -2.46 0.00	19.50 -2.34 0.02	18.85 -2.31 0.02	17.21 -2.16 -0.12	18.51 -2.35 -0.05	19.76 -2.57 0.02	19.41 -2.85 0.02	21.15 -3.16 0.02	22.27 -2.95 0.02	21.49 -2.91 0.02	22.00 -3.00 0.02	21.75 -3.22 0.02	21.43 -3.18 0.02	21.60 -3.12 0.07	21.89 -3.36 0.23	23.86 -3.32 0.50	25.34 -3.81 1.10	25.86 -3.59 0.95	24.11 -3.86 0.85	23.17 -3.00 0.12	21.27 -2.87 0.02	21.07 -2.63 0.02	19.98 -2.57 0.01
SYNERGY___BIOGAS 323694	24.21 -1.52 0.00	20.93 -1.43 0.00	20.44 -1.40 0.01	19.74 -1.42 0.01	18.06 -1.31 -0.12	19.51 -1.35 -0.05	20.77 -1.56 0.01	20.88 -1.38 0.01	22.35 -1.97 0.01	23.48 -1.74 0.01	22.67 -1.73 0.01	22.98 -2.03 0.01	22.88 -2.10 0.01	22.52 -2.09 0.01	22.67 -2.06 0.07	22.99 -2.27 0.22	24.89 -2.30 0.49	26.75 -2.42 1.08	27.31 -2.16 0.93	25.57 -2.42 0.83	24.43 -1.74 0.12	22.33 -1.81 0.01	22.09 -1.61 0.01	20.68 -1.87 0.01
SYRACUSE___ENERGY_ST1 323597	25.58 -0.15 0.00	22.21 -0.16 0.00	21.68 -0.17 0.00	21.01 -0.17 0.00	19.31 -0.17 -0.24	20.74 -0.19 -0.11	22.19 -0.16 0.00	22.10 -0.18 0.00	24.09 -0.24 0.00	25.06 -0.18 0.00	24.20 -0.22 0.00	24.82 -0.20 0.00	24.74 -0.25 0.00	24.33 -0.30 0.00	24.42 -0.37 0.00	25.07 -0.41 0.00	27.29 -0.39 0.00	29.83 -0.42 0.00	30.03 -0.36 0.00	28.45 -0.37 0.00	25.99 -0.29 0.00	23.92 -0.24 0.00	23.55 -0.17 0.00	22.39 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	25.58 -0.15 0.00	22.21 -0.16 0.00	21.68 -0.17 0.00	21.01 -0.17 0.00	19.31 -0.17 -0.24	20.74 -0.19 -0.11	22.19 -0.16 0.00	22.10 -0.18 0.00	24.09 -0.24 0.00	25.06 -0.18 0.00	24.20 -0.22 0.00	24.82 -0.20 0.00	24.74 -0.25 0.00	24.33 -0.30 0.00	24.42 -0.37 0.00	25.07 -0.41 0.00	27.29 -0.39 0.00	29.83 -0.42 0.00	30.03 -0.36 0.00	28.45 -0.37 0.00	25.99 -0.29 0.00	23.92 -0.24 0.00	23.55 -0.17 0.00	22.39 -0.18 0.00
SYRACUSE___POWER 24017	25.53 -0.21 0.00	22.16 -0.20 0.00	21.64 -0.22 0.00	20.97 -0.21 0.00	19.36 -0.21 -0.32	20.74 -0.23 -0.15	22.15 -0.20 0.00	22.08 -0.20 0.00	24.07 -0.27 0.00	25.04 -0.20 0.00	24.18 -0.24 0.00	24.77 -0.25 0.00	24.69 -0.30 0.00	24.31 -0.32 0.00	24.39 -0.40 0.00	25.04 -0.41 0.03	27.21 -0.39 0.08	29.67 -0.42 0.16	29.85 -0.40 0.15	28.33 -0.37 0.12	25.97 -0.29 0.02	23.90 -0.27 0.00	23.53 -0.19 0.00	22.37 -0.20 -0.01
TALLMAN___138KV_BK151 55660	26.81 1.08 0.00	23.24 0.87 0.00	22.69 0.83 0.00	22.00 0.83 0.00	22.50 0.73 -2.53	22.77 0.77 -1.19	23.20 0.85 0.00	23.17 0.89 0.00	25.38 1.05 0.00	26.30 1.06 0.00	25.56 1.15 0.00	26.17 1.15 0.00	26.24 1.25 0.00	25.65 1.26 0.24	26.23 1.44 0.00	27.03 1.55 0.00	29.31 1.63 0.00	32.00 1.75 0.00	31.98 1.58 0.00	30.38 1.56 0.00	27.54 1.26 0.00	25.24 1.09 0.00	24.64 0.93 0.00	23.54 0.95 -0.03
TEALLAVE_115KV_TB7 355573	25.47 -0.26 0.00	22.10 -0.27 0.00	21.59 -0.26 0.00	20.90 -0.28 0.00	19.21 -0.25 -0.22	20.65 -0.27 -0.10	22.10 -0.25 0.00	22.01 -0.27 0.00	23.99 -0.34 0.00	24.96 -0.28 0.00	24.10 -0.32 0.00	24.69 -0.33 0.00	24.62 -0.37 0.00	24.23 -0.39 0.00	24.31 -0.47 0.02	24.91 -0.51 0.06	27.06 -0.47 0.15	29.41 -0.51 0.32	29.62 -0.49 0.29	28.08 -0.49 0.25	25.85 -0.39 0.04	23.79 -0.36 0.00	23.46 -0.26 0.00	22.30 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	23.67 -2.06 0.00	20.51 -1.86 0.00	20.05 -1.79 0.01	19.36 -1.80 0.01	17.69 -1.67 -0.12	19.05 -1.81 -0.05	20.39 -1.94 0.01	20.10 -2.16 0.01	21.88 -2.43 0.01	23.03 -2.20 0.01	22.23 -2.17 0.01	22.75 -2.25 0.01	22.48 -2.50 0.01	22.12 -2.49 0.01	22.27 -2.45 0.07	22.60 -2.65 0.22	24.64 -2.55 0.49	26.20 -2.96 1.08	26.72 -2.74 0.94	24.99 -3.00 0.84	23.93 -2.23 0.12	21.92 -2.22 0.01	21.66 -2.04 0.01	20.52 -2.03 0.01
TEMPLE___115KV_TB 2 55572	25.47 -0.26 0.00	22.12 -0.25 0.00	21.59 -0.26 0.00	20.92 -0.25 0.00	19.22 -0.25 -0.22	20.65 -0.27 -0.10	22.10 -0.25 0.00	22.01 -0.27 0.00	23.99 -0.34 0.00	24.96 -0.28 0.00	24.10 -0.32 0.00	24.69 -0.33 0.00	24.62 -0.37 0.00	24.23 -0.39 0.00	24.31 -0.47 0.02	24.93 -0.48 0.06	27.05 -0.47 0.16	29.41 -0.51 0.33	29.61 -0.49 0.29	28.08 -0.49 0.25	25.85 -0.39 0.04	23.82 -0.34 0.00	23.46 -0.26 0.00	22.30 -0.27 0.00
TIANA____69_KV_BK 1 55817	35.80 2.06 -8.01	31.93 1.68 -7.89	30.59 1.75 -6.98	28.02 1.67 -5.17	27.68 1.48 -6.95	26.36 1.64 -3.90	24.02 1.68 0.00	25.87 1.85 -1.75	25.89 1.56 0.00	27.13 1.82 -0.07	31.29 1.90 -4.97	33.20 1.98 -6.20	32.64 2.05 -5.60	33.81 2.12 -7.06	33.93 2.31 -6.83	34.34 2.45 -6.42	34.34 2.55 -4.11	36.25 2.75 -3.25	35.71 2.52 -2.79	35.15 2.45 -3.88	32.67 2.00 -4.39	31.10 1.72 -5.23	29.90 1.90 -4.29	27.57 1.87 -3.13
TILDEN___115KV_TB1 80814	25.53 -0.21 0.00	22.16 -0.20 0.00	21.64 -0.22 0.00	20.97 -0.21 0.00	19.36 -0.21 -0.32	20.74 -0.23 -0.15	22.15 -0.20 0.00	22.08 -0.20 0.00	24.07 -0.27 0.00	25.04 -0.20 0.00	24.18 -0.24 0.00	24.77 -0.25 0.00	24.69 -0.30 0.00	24.31 -0.32 0.00	24.39 -0.40 0.00	25.04 -0.41 0.03	27.21 -0.39 0.08	29.67 -0.42 0.16	29.85 -0.40 0.15	28.33 -0.37 0.12	25.97 -0.29 0.02	23.90 -0.27 0.00	23.53 -0.19 0.00	22.37 -0.20 -0.01



TRIGEN___CC 323695	35.34 1.60 -8.01	31.55 1.30 -7.89	30.19 1.36 -6.98	27.69 1.33 -5.17	27.37 1.17 -6.95	25.96 1.25 -3.90	23.67 1.32 0.00	25.45 1.43 -1.75	25.89 1.56 0.00	27.03 1.72 -0.07	31.17 1.78 -4.97	33.02 1.80 -6.20	32.51 1.92 -5.60	33.61 1.92 -7.06	33.71 2.08 -6.83	34.11 2.22 -6.42	34.09 2.30 -4.11	35.95 2.45 -3.25	35.50 2.31 -2.79	34.95 2.25 -3.88	32.56 1.89 -4.39	31.05 1.67 -5.23	29.50 1.49 -4.29	27.19 1.49 -3.13
TRINITY___115KV___4 BK 55933	26.30 0.57 0.00	22.92 0.56 0.00	22.56 0.70 0.00	21.90 0.72 0.00	23.30 0.62 -3.43	23.10 0.67 -1.61	23.06 0.72 0.00	22.99 0.71 0.00	25.18 0.85 0.00	25.92 0.68 0.00	25.05 0.63 0.00	25.64 0.63 0.00	25.71 0.72 0.00	25.38 0.71 -0.04	25.61 0.82 0.00	26.29 0.82 0.00	28.48 0.80 0.00	31.13 0.88 0.00	31.25 0.85 0.00	29.66 0.84 0.00	27.02 0.74 0.00	24.88 0.72 0.00	24.33 0.62 0.00	23.21 0.61 -0.04
UNION___PROCESSING_DRP 323587	24.52 -1.21 0.00	21.29 -1.07 0.00	20.75 -1.09 0.01	20.04 -1.12 0.01	18.29 -1.08 -0.12	19.72 -1.14 -0.05	21.13 -1.21 0.01	20.86 -1.40 0.01	22.76 -1.56 0.01	23.94 -1.29 0.01	23.09 -1.32 0.01	23.63 -1.38 0.01	23.38 -1.60 0.01	23.02 -1.60 0.01	23.17 -1.56 0.07	23.53 -1.73 0.21	25.68 -1.52 0.48	27.42 -1.78 1.05	27.90 -1.58 0.91	26.11 -1.90 0.81	24.85 -1.31 0.12	22.74 -1.40 0.01	22.47 -1.23 0.01	21.25 -1.31 0.01
UPPER HUDSON___HYD 24058	27.58 1.85 0.00	23.97 1.61 0.00	23.41 1.55 0.00	22.68 1.50 0.00	24.18 1.39 -3.54	24.00 1.52 -1.66	23.98 1.63 0.00	23.77 1.49 0.00	26.23 1.90 0.00	27.18 1.94 0.00	26.03 1.61 0.00	26.67 1.65 0.00	26.59 1.60 0.00	26.13 1.50 0.00	26.33 1.54 0.00	27.11 1.63 0.00	29.40 1.72 0.00	32.21 1.97 0.00	32.68 2.28 0.00	31.04 2.22 0.00	28.36 2.08 0.00	26.04 1.89 0.00	25.38 1.66 0.00	24.18 1.58 -0.04
UPPER RAQUET___HYD 24056	24.75 -0.98 0.00	21.56 -0.80 0.00	21.03 -0.83 0.00	20.33 -0.85 0.00	18.52 -0.73 0.00	19.96 -0.85 0.00	21.48 -0.87 0.00	21.38 -0.89 0.00	23.41 -0.92 0.00	24.33 -0.91 0.00	23.56 -0.86 0.00	24.19 -0.83 0.00	24.07 -0.92 0.00	23.74 -0.89 0.00	23.80 -0.99 0.00	24.33 -1.15 0.00	26.46 -1.22 0.00	28.98 -1.27 0.00	29.24 -1.15 0.00	27.67 -1.15 0.00	25.20 -1.08 0.00	23.14 -1.01 0.00	22.65 -1.07 0.00	21.55 -1.01 0.00
VALLEY44_115KV_TB2 355964	23.80 -1.93 0.00	20.57 -1.79 0.00	20.08 -1.75 0.02	19.50 -1.65 0.02	17.87 -1.46 -0.09	19.28 -1.56 -0.03	20.67 -1.65 0.02	20.96 -1.29 0.02	22.80 -1.51 0.02	23.30 -1.92 0.02	22.61 -1.78 0.02	23.14 -1.85 0.02	23.37 -1.60 0.02	22.98 -1.63 0.02	22.85 -1.86 0.08	23.48 -1.76 0.24	24.82 -2.35 0.51	26.71 -2.39 1.15	26.87 -2.55 0.98	26.06 -1.87 0.89	24.04 -2.13 0.12	22.39 -1.74 0.02	21.92 -1.78 0.02	21.03 -1.51 0.02
VALLEY___115KV_TB 1-4 80826	25.83 0.10 0.00	22.43 0.07 0.00	21.94 0.09 0.00	21.26 0.08 0.00	19.32 0.08 0.00	20.90 0.08 0.00	22.46 0.11 0.00	22.41 0.13 0.00	24.53 0.19 0.00	25.49 0.25 0.00	24.66 0.24 0.00	25.27 0.25 0.00	25.22 0.22 0.00	24.80 0.17 0.00	24.92 0.12 0.00	25.61 0.13 0.00	27.79 0.11 0.00	30.37 0.12 0.00	30.49 0.09 0.00	28.91 0.09 0.00	26.36 0.08 0.00	24.25 0.10 0.00	23.79 0.07 0.00	22.63 0.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.02 1.29 0.00	23.41 1.05 0.00	22.88 1.03 0.00	22.17 1.00 0.00	21.17 0.89 -1.04	22.28 0.98 -0.49	23.47 1.12 0.00	23.46 1.18 0.00	25.67 1.34 0.00	26.63 1.39 0.00	25.78 1.37 0.00	26.45 1.43 0.00	26.39 1.40 0.00	25.91 1.28 0.00	26.08 1.29 0.01	26.83 1.38 0.02	29.06 1.44 0.06	31.70 1.57 0.12	31.81 1.52 0.11	30.26 1.53 0.09	27.63 1.37 0.01	25.39 1.23 0.00	24.81 1.09 0.00	23.57 0.99 -0.01
VISCHER___FERRY HYD 24020	26.84 1.11 0.00	23.35 0.98 0.00	22.86 1.01 0.00	22.17 1.00 0.00	23.64 0.92 -3.47	23.43 0.98 -1.63	23.38 1.03 0.00	23.25 0.98 0.00	25.55 1.22 0.00	26.43 1.19 0.00	25.49 1.07 0.00	26.15 1.13 0.00	26.16 1.17 0.00	25.85 1.18 -0.04	26.06 1.26 0.00	26.80 1.32 0.00	29.09 1.41 0.00	31.79 1.54 0.00	31.94 1.55 0.00	30.32 1.50 0.00	27.59 1.31 0.00	25.36 1.21 0.00	24.81 1.09 0.00	23.69 1.08 -0.04
V_A_10_SYNC_DSASP 323832	23.75 -1.98 0.00	20.57 -1.79 0.00	20.09 -1.75 0.01	19.41 -1.76 0.01	17.76 -1.62 -0.12	19.18 -1.69 -0.05	20.41 -1.92 0.01	20.48 -1.78 0.01	21.81 -2.51 0.01	23.03 -2.20 0.01	22.23 -2.17 0.01	22.53 -2.48 0.01	22.40 -2.57 0.01	22.10 -2.51 0.01	22.34 -2.38 0.07	22.60 -2.65 0.23	24.55 -2.63 0.50	26.34 -2.81 1.10	26.86 -2.58 0.95	25.00 -2.97 0.85	24.03 -2.13 0.12	21.95 -2.20 0.01	21.83 -1.87 0.01	20.32 -2.23 0.01
V_CMM_10_SYNC_DSASP 323787	25.47 -0.26 0.00	22.21 -0.16 0.00	21.66 -0.20 0.00	20.97 -0.21 0.00	19.04 -0.21 0.00	20.59 -0.23 0.00	22.12 -0.22 0.00	22.05 -0.22 0.00	24.09 -0.24 0.00	24.96 -0.28 0.00	24.17 -0.24 0.00	24.79 -0.23 0.00	24.74 -0.25 0.00	24.40 -0.22 0.00	24.52 -0.27 0.00	25.15 -0.33 0.00	27.35 -0.33 0.00	29.89 -0.36 0.00	30.09 -0.30 0.00	28.51 -0.32 0.00	26.04 -0.24 0.00	23.92 -0.24 0.00	23.46 -0.26 0.00	22.29 -0.27 0.00
V_CMP_10_SYNC_DSASP 323788	25.55 -0.18 0.00	22.27 -0.09 0.00	21.77 -0.09 0.00	21.07 -0.11 0.00	19.04 -0.21 0.00	20.65 -0.17 0.00	22.26 -0.09 0.00	21.92 -0.36 0.00	24.01 -0.32 0.00	24.86 -0.38 0.00	24.12 -0.29 0.00	24.82 -0.20 0.00	24.62 -0.37 0.00	24.36 -0.27 0.00	24.45 -0.35 0.00	24.97 -0.51 0.00	27.24 -0.44 0.00	29.83 -0.42 0.00	30.61 0.21 0.00	29.00 0.17 0.00	26.49 0.21 0.00	24.25 0.10 0.00	23.72 0.00 0.00	22.47 -0.09 0.00
V_D_10_SYNC_DSASP 323841	25.55 -0.18 0.00	22.27 -0.09 0.00	21.73 -0.13 0.00	21.03 -0.15 0.00	19.09 -0.15 0.00	20.65 -0.17 0.00	22.19 -0.16 0.00	22.12 -0.15 0.00	24.16 -0.17 0.00	25.04 -0.20 0.00	24.22 -0.20 0.00	24.87 -0.15 0.00	24.79 -0.20 0.00	24.46 -0.17 0.00	24.57 -0.22 0.00	25.20 -0.28 0.00	27.40 -0.28 0.00	29.95 -0.30 0.00	30.15 -0.24 0.00	28.56 -0.26 0.00	26.07 -0.21 0.00	23.96 -0.19 0.00	23.50 -0.21 0.00	22.34 -0.23 0.00
V_E_10_SYNC_DSASP 323830	27.33 1.60 0.00	23.64 1.27 0.00	23.09 1.20 -0.04	22.36 1.14 -0.04	21.64 1.02 -1.37	22.64 1.17 -0.66	23.86 1.47 -0.04	23.89 1.58 -0.04	26.05 1.68 -0.04	27.07 1.79 -0.04	26.14 1.68 -0.04	26.86 1.80 -0.04	26.68 1.65 -0.04	26.09 1.43 -0.04	26.15 1.29 -0.07	27.08 1.45 -0.15	29.53 1.60 -0.25	32.73 1.85 -0.63	32.71 1.82 -0.50	31.19 1.87 -0.50	28.08 1.76 -0.04	25.72 1.52 -0.04	25.08 1.33 -0.04	23.72 1.11 -0.05
V_F_30_NSYNC___DSASP 323816	27.25 1.52 0.00	23.68 1.32 0.00	23.15 1.29 0.00	22.45 1.27 0.00	23.95 1.17 -3.53	23.75 1.27 -1.66	23.69 1.34 0.00	23.52 1.25 0.00	25.89 1.56 0.00	26.81 1.57 0.00	25.81 1.39 0.00	26.47 1.45 0.00	26.44 1.45 0.00	26.05 1.43 0.00	26.28 1.49 0.00	27.03 1.55 0.00	29.34 1.66 0.00	32.10 1.85 0.00	32.34 1.95 0.00	30.73 1.90 0.00	27.99 1.71 0.00	25.70 1.55 0.00	25.09 1.38 0.00	23.93 1.33 -0.04



V_F_30_SYNC_DSASP 323786	26.37 0.64 0.00	22.99 0.63 0.00	22.62 0.76 0.00	21.96 0.78 0.00	23.38 0.67 -3.46	23.17 0.73 -1.63	23.13 0.78 0.00	23.03 0.76 0.00	25.26 0.92 0.00	26.00 0.76 0.00	25.12 0.71 0.00	25.74 0.73 0.00	25.79 0.80 0.00	25.41 0.79 0.00	25.69 0.89 0.00	26.37 0.89 0.00	28.54 0.86 0.00	31.19 0.94 0.00	31.34 0.94 0.00	29.75 0.92 0.00	27.10 0.81 0.00	24.93 0.77 0.00	24.41 0.69 0.00	23.26 0.65 -0.04
V_XM_10_SYNC_DSASP 323789	25.55 -0.18 0.00	22.27 -0.09 0.00	21.77 -0.09 0.00	21.07 -0.11 0.00	19.04 -0.21 0.00	20.65 -0.17 0.00	22.26 -0.09 0.00	21.92 -0.36 0.00	24.01 -0.32 0.00	24.86 -0.38 0.00	24.12 -0.29 0.00	24.82 -0.20 0.00	24.62 -0.37 0.00	24.36 -0.27 0.00	24.45 -0.35 0.00	24.97 -0.51 0.00	27.24 -0.44 0.00	29.83 -0.42 0.00	30.61 0.21 0.00	29.00 0.17 0.00	26.49 0.21 0.00	24.25 0.10 0.00	23.72 0.00 0.00	22.47 -0.09 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.91 1.18 0.00	23.30 0.94 0.00	22.77 0.92 0.00	22.09 0.91 0.00	22.58 0.79 -2.55	22.85 0.83 -1.20	23.26 0.92 0.00	23.23 0.96 0.00	25.45 1.12 0.00	26.40 1.16 0.00	25.64 1.22 0.00	26.25 1.23 0.00	26.34 1.35 0.00	25.72 1.33 0.23	26.31 1.51 0.00	27.13 1.66 0.00	29.40 1.72 0.00	32.09 1.85 0.00	32.10 1.70 0.00	30.47 1.64 0.00	27.62 1.34 0.00	25.32 1.16 0.00	24.71 1.00 0.00	23.61 1.02 -0.03
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.07 1.34 0.00	23.44 1.07 0.00	22.97 1.11 0.00	22.28 1.10 0.00	22.92 0.96 -2.71	23.11 1.02 -1.28	23.47 1.12 0.00	23.50 1.23 0.00	25.72 1.39 0.00	26.68 1.44 0.00	25.95 1.54 0.00	26.57 1.55 0.00	26.66 1.67 0.00	26.48 1.67 -0.18	26.65 1.86 0.00	27.47 1.99 0.00	29.67 1.99 0.00	32.40 2.15 0.00	32.37 1.98 0.00	30.75 1.93 0.00	27.88 1.60 0.00	25.56 1.40 0.00	24.98 1.26 0.00	23.86 1.26 -0.03
W50THST__13_KV_LOAD 356117	27.17 1.44 0.00	23.53 1.16 0.00	23.08 1.22 0.00	22.38 1.21 0.00	23.02 1.06 -2.71	23.22 1.12 -1.28	23.58 1.23 0.00	23.59 1.31 0.00	25.84 1.51 0.00	26.78 1.54 0.00	26.08 1.66 0.00	26.67 1.65 0.00	26.76 1.77 0.00	26.60 1.80 -0.18	26.75 1.96 0.00	27.59 2.11 0.00	29.81 2.13 0.00	32.52 2.27 0.00	32.49 2.10 0.00	30.87 2.05 0.00	27.96 1.68 0.00	25.68 1.52 0.00	25.07 1.35 0.00	23.97 1.38 -0.03
WADING RIVER_IC_1 23522	35.49 1.75 -8.01	31.70 1.45 -7.89	30.35 1.51 -6.98	27.83 1.48 -5.17	27.52 1.33 -6.95	26.17 1.46 -3.90	23.76 1.41 0.00	25.63 1.60 -1.75	25.57 1.24 0.00	26.80 1.49 -0.07	30.93 1.54 -4.97	32.85 1.63 -6.20	32.26 1.67 -5.60	33.41 1.72 -7.06	33.54 1.91 -6.83	33.96 2.06 -6.42	33.95 2.16 -4.11	35.80 2.30 -3.25	35.31 2.13 -2.79	34.72 2.02 -3.88	32.35 1.68 -4.39	30.81 1.42 -5.23	29.71 1.71 -4.29	27.48 1.78 -3.13
WADING RIVER_IC_2 23547	35.49 1.75 -8.01	31.70 1.45 -7.89	30.35 1.51 -6.98	27.83 1.48 -5.17	27.52 1.33 -6.95	26.17 1.46 -3.90	23.76 1.41 0.00	25.63 1.60 -1.75	25.57 1.24 0.00	26.80 1.49 -0.07	30.93 1.54 -4.97	32.85 1.63 -6.20	32.26 1.67 -5.60	33.41 1.72 -7.06	33.54 1.91 -6.83	33.96 2.06 -6.42	33.95 2.16 -4.11	35.80 2.30 -3.25	35.31 2.13 -2.79	34.72 2.02 -3.88	32.35 1.68 -4.39	30.81 1.42 -5.23	29.71 1.71 -4.29	27.48 1.78 -3.13
WADING RIVER_IC_3 23601	35.49 1.75 -8.01	31.70 1.45 -7.89	30.35 1.51 -6.98	27.83 1.48 -5.17	27.52 1.33 -6.95	26.17 1.46 -3.90	23.76 1.41 0.00	25.63 1.60 -1.75	25.57 1.24 0.00	26.80 1.49 -0.07	30.93 1.54 -4.97	32.85 1.63 -6.20	32.26 1.67 -5.60	33.41 1.72 -7.06	33.54 1.91 -6.83	33.96 2.06 -6.42	33.95 2.16 -4.11	35.80 2.30 -3.25	35.31 2.13 -2.79	34.72 2.02 -3.88	32.35 1.68 -4.39	30.81 1.42 -5.23	29.71 1.71 -4.29	27.48 1.78 -3.13
WALDENNY_12_KV_BK2 80841	23.70 -2.03 0.00	20.51 -1.86 0.00	20.02 -1.81 0.02	19.38 -1.78 0.02	17.72 -1.64 -0.11	19.07 -1.79 -0.04	20.45 -1.88 0.02	20.27 -1.98 0.02	22.10 -2.21 0.02	23.05 -2.17 0.02	22.30 -2.10 0.02	22.82 -2.18 0.02	22.67 -2.30 0.02	22.37 -2.24 0.02	22.41 -2.31 0.08	22.80 -2.45 0.23	24.64 -2.55 0.50	26.27 -2.87 1.11	26.71 -2.74 0.95	25.17 -2.80 0.86	23.90 -2.26 0.12	22.01 -2.13 0.02	21.73 -1.97 0.02	20.67 -1.87 0.02
WALDEN__HYDRO 24148	26.81 1.08 0.00	23.24 0.87 0.00	22.71 0.85 0.00	22.02 0.85 0.00	22.57 0.75 -2.58	22.82 0.79 -1.21	23.22 0.87 0.00	23.14 0.87 0.00	25.35 1.02 0.00	26.30 1.06 0.00	25.54 1.12 0.00	26.12 1.10 0.00	26.19 1.20 0.00	25.76 1.18 0.05	26.16 1.36 0.00	26.96 1.48 0.00	29.23 1.55 0.00	31.94 1.69 0.00	31.94 1.55 0.00	30.35 1.53 0.00	27.52 1.24 0.00	25.24 1.09 0.00	24.64 0.93 0.00	23.54 0.95 -0.03
WARRENSBURG____ 23737	27.58 1.85 0.00	23.97 1.61 0.00	23.41 1.55 0.00	22.68 1.50 0.00	24.18 1.39 -3.54	24.00 1.52 -1.66	23.98 1.63 0.00	23.77 1.49 0.00	26.23 1.90 0.00	27.18 1.94 0.00	26.03 1.61 0.00	26.67 1.65 0.00	26.59 1.60 0.00	26.13 1.50 0.00	26.33 1.54 0.00	27.11 1.63 0.00	29.40 1.72 0.00	32.21 1.97 0.00	32.68 2.28 0.00	31.04 2.22 0.00	28.36 2.08 0.00	26.04 1.89 0.00	25.38 1.66 0.00	24.18 1.58 -0.04
WATERSIDE____6 8 9 23538	25.38 1.47 1.82	23.53 1.16 -0.01	23.07 1.20 -0.01	22.39 1.21 -0.01	23.00 1.04 -2.71	23.15 1.06 -1.28	23.53 1.18 0.00	23.52 1.25 0.00	23.81 1.48 2.01	24.91 1.54 1.87	24.08 1.64 1.98	23.89 1.65 2.78	24.84 1.77 1.92	23.77 1.77 2.63	24.56 1.93 2.17	24.90 2.09 2.67	27.54 2.08 2.21	30.77 2.24 1.72	30.76 2.04 1.67	28.91 2.02 1.93	26.24 1.66 1.70	25.56 1.40 0.00	25.00 1.28 0.00	23.95 1.35 -0.03
WATKINRD_115KV_LN8_ILLION 55919	25.73 0.00 0.00	22.36 0.00 0.00	21.86 0.00 0.00	21.18 0.00 0.00	19.25 0.00 0.00	20.82 0.00 0.00	22.37 0.02 0.00	22.30 0.02 0.00	24.36 0.02 0.00	25.24 0.00 0.00	24.42 0.00 0.00	25.02 0.00 0.00	24.99 0.00 0.00	24.63 0.00 0.00	24.79 0.00 0.00	25.48 0.00 0.00	27.68 0.00 0.00	30.25 0.00 0.00	30.39 0.00 0.00	28.82 0.00 0.00	26.28 0.00 0.00	24.16 0.00 0.00	23.72 0.00 0.00	22.56 0.00 0.00
WATSON__69_KV_BK 1 55734	35.88 2.14 -8.01	32.00 1.74 -7.89	30.63 1.79 -6.98	28.11 1.76 -5.17	27.76 1.56 -6.95	26.40 1.69 -3.90	24.11 1.77 0.00	25.92 1.89 -1.75	26.18 1.85 0.00	27.41 2.09 -0.07	31.51 2.12 -4.97	33.38 2.15 -6.20	32.84 2.25 -5.60	33.98 2.29 -7.06	34.11 2.48 -6.83	34.55 2.65 -6.42	34.56 2.77 -4.11	36.53 3.02 -3.25	36.05 2.86 -2.79	35.47 2.77 -3.88	33.01 2.34 -4.39	31.44 2.05 -5.23	30.00 1.99 -4.29	27.66 1.96 -3.13
WDELAWARE__HYD 323627	26.61 0.88 0.00	23.06 0.69 0.00	22.51 0.66 0.00	21.85 0.68 0.00	22.24 0.62 -2.38	22.58 0.65 -1.12	23.04 0.69 0.00	22.90 0.62 0.00	25.18 0.85 0.00	26.10 0.86 0.00	25.32 0.90 0.00	25.92 0.90 0.00	25.96 0.97 0.04	25.48 0.89 0.00	25.88 1.09 0.00	26.73 1.25 0.00	29.01 1.33 0.00	31.70 1.45 0.00	31.73 1.34 0.00	30.18 1.36 0.00	27.36 1.08 0.00	25.10 0.94 0.00	24.45 0.74 0.00	23.40 0.81 -0.03



WEST BABYLON___IC 23714	35.82 2.08 -8.01	31.95 1.70 -7.89	30.59 1.75 -6.98	28.05 1.69 -5.17	27.70 1.50 -6.95	26.34 1.62 -3.90	24.05 1.70 0.00	25.85 1.83 -1.75	26.18 1.85 0.00	27.38 2.07 -0.07	31.49 2.10 -4.97	33.38 2.15 -6.20	32.84 2.25 -5.60	33.96 2.27 -7.06	34.11 2.48 -6.83	34.55 2.65 -6.42	34.56 2.77 -4.11	36.50 2.99 -3.25	36.01 2.83 -2.79	35.44 2.74 -3.88	32.98 2.31 -4.39	31.44 2.05 -5.23	29.93 1.92 -4.29	27.59 1.90 -3.13
WEST CANADA___HYD 24049	25.83 0.10 0.00	22.43 0.07 0.00	21.94 0.09 0.00	21.26 0.09 0.00	19.32 0.08 0.00	20.90 0.08 0.00	22.44 0.09 0.00	22.36 0.09 0.00	24.45 0.12 0.00	25.37 0.13 0.00	24.54 0.12 0.00	25.14 0.13 0.00	25.12 0.13 0.00	24.75 0.12 0.00	24.92 0.12 0.00	25.61 0.13 0.00	27.79 0.11 0.00	30.37 0.12 0.00	30.52 0.12 0.00	28.94 0.12 0.00	26.39 0.11 0.00	24.25 0.10 0.00	23.81 0.10 0.00	22.65 0.09 0.00
WESTERN_NY_WIND 24143	24.08 -1.65 0.00	20.87 -1.50 0.00	20.36 -1.49 0.01	19.66 -1.50 0.01	17.96 -1.41 -0.12	19.35 -1.52 -0.05	20.70 -1.63 0.01	20.43 -1.83 0.01	22.27 -2.04 0.01	23.43 -1.79 0.01	22.59 -1.81 0.01	23.10 -1.90 0.01	22.83 -2.15 0.01	22.47 -2.14 0.01	22.62 -2.11 0.07	22.94 -2.32 0.22	25.03 -2.16 0.49	26.69 -2.48 1.08	27.24 -2.22 0.93	25.45 -2.54 0.84	24.35 -1.81 0.12	22.28 -1.86 0.01	22.00 -1.71 0.01	20.81 -1.74 0.01
WESTOVER___LESR 323668	25.47 -0.26 0.00	22.10 -0.27 0.00	21.56 -0.28 0.01	20.89 -0.28 0.01	19.66 -0.27 -0.68	20.86 -0.27 -0.32	22.10 -0.25 0.01	22.07 -0.20 0.01	24.06 -0.27 0.01	24.98 -0.25 0.01	24.14 -0.27 0.01	24.74 -0.28 0.01	24.71 -0.27 0.01	24.30 -0.32 0.01	24.45 -0.32 0.03	25.12 -0.28 0.08	27.21 -0.30 0.17	29.57 -0.30 0.38	29.73 -0.33 0.33	28.27 -0.26 0.30	25.98 -0.26 0.04	23.91 -0.24 0.01	23.45 -0.26 0.01	22.29 -0.27 0.00
WETHRSFD_WT_PWR 323626	23.96 -1.78 0.00	20.71 -1.65 0.00	20.19 -1.64 0.02	19.50 -1.65 0.02	17.83 -1.50 -0.09	19.26 -1.58 -0.03	20.60 -1.72 0.02	20.63 -1.63 0.02	22.29 -2.02 0.02	23.22 -1.99 0.02	22.44 -1.95 0.02	22.87 -2.13 0.02	22.82 -2.15 0.02	22.44 -2.17 0.02	22.50 -2.21 0.08	22.89 -2.34 0.24	24.71 -2.46 0.51	26.48 -2.63 1.14	26.90 -2.52 0.97	25.37 -2.57 0.88	24.09 -2.08 0.12	22.18 -1.96 0.02	21.84 -1.85 0.02	20.71 -1.83 0.02
WHAVSTOR_138KV_BK127 55557	26.81 1.08 0.00	23.21 0.85 0.00	22.71 0.85 0.00	22.02 0.85 0.00	22.53 0.73 -2.55	22.79 0.77 -1.20	23.20 0.85 0.00	23.19 0.91 0.00	25.38 1.05 0.00	26.33 1.09 0.00	25.56 1.15 0.00	26.17 1.15 0.00	26.24 1.25 0.00	25.65 1.26 0.23	26.23 1.44 0.00	27.06 1.58 0.00	29.29 1.61 0.00	32.00 1.75 0.00	31.98 1.58 0.00	30.38 1.56 0.00	27.54 1.26 0.00	25.24 1.09 0.00	24.64 0.93 0.00	23.54 0.95 -0.03
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.81 1.08 0.00	23.21 0.85 0.00	22.71 0.85 0.00	22.02 0.85 0.00	22.53 0.73 -2.55	22.79 0.77 -1.20	23.20 0.85 0.00	23.19 0.91 0.00	25.38 1.05 0.00	26.33 1.09 0.00	25.56 1.15 0.00	26.17 1.15 0.00	26.24 1.25 0.00	25.65 1.26 0.23	26.23 1.44 0.00	27.06 1.58 0.00	29.29 1.61 0.00	32.00 1.75 0.00	31.98 1.58 0.00	30.38 1.56 0.00	27.54 1.26 0.00	25.24 1.09 0.00	24.64 0.93 0.00	23.54 0.95 -0.03
WHITEHAL_115KV_TB1 80871	28.20 2.47 0.00	24.49 2.12 0.00	23.87 2.01 0.00	23.10 1.93 0.00	24.54 1.75 -3.54	24.44 1.96 -1.66	24.47 2.12 0.00	24.26 1.98 0.00	26.79 2.46 0.00	27.76 2.52 0.00	26.59 2.17 0.00	27.20 2.18 0.00	27.11 2.12 0.00	26.65 2.02 0.00	26.85 2.06 0.00	27.64 2.17 0.00	29.95 2.27 0.00	32.88 2.63 0.00	33.37 2.98 0.00	31.71 2.88 0.00	28.94 2.65 0.00	26.52 2.37 0.00	25.85 2.13 0.00	24.54 1.94 -0.04
WHITEPLN_13_KV_LOAD 356215	27.22 1.49 0.00	23.55 1.19 0.00	23.08 1.22 0.00	22.38 1.21 0.00	23.01 1.06 -2.71	23.21 1.12 -1.27	23.56 1.21 0.00	23.54 1.27 0.00	25.82 1.48 0.00	26.78 1.54 0.00	26.05 1.64 0.00	26.70 1.68 0.00	26.76 1.77 0.00	26.59 1.77 -0.19	26.75 1.96 0.00	27.59 2.11 0.00	29.84 2.16 0.00	32.55 2.30 0.00	32.52 2.13 0.00	30.96 2.13 0.00	28.04 1.76 0.00	25.70 1.55 0.00	25.05 1.33 0.00	23.93 1.33 -0.03
WM_FLOYD_69_KV_BK2 356380	35.64 1.90 -8.01	31.82 1.57 -7.89	30.48 1.64 -6.98	27.92 1.57 -5.17	27.58 1.39 -6.95	26.26 1.54 -3.90	23.94 1.59 0.00	25.76 1.74 -1.75	25.79 1.46 0.00	27.03 1.72 -0.07	31.12 1.73 -4.97	33.00 1.78 -6.20	32.46 1.87 -5.60	33.61 1.92 -7.06	33.73 2.11 -6.83	34.14 2.24 -6.42	34.14 2.35 -4.11	36.07 2.57 -3.25	35.53 2.34 -2.79	34.98 2.28 -3.88	32.59 1.92 -4.39	31.03 1.64 -5.23	29.81 1.80 -4.29	27.50 1.81 -3.13
WOODARD___115KV_TB2 355635	25.45 -0.28 0.00	22.10 -0.27 0.00	21.59 -0.26 0.00	20.90 -0.28 0.00	19.20 -0.27 -0.22	20.63 -0.29 -0.10	22.08 -0.27 0.00	21.99 -0.29 0.00	23.97 -0.36 0.00	24.94 -0.30 0.00	24.10 -0.32 0.00	24.69 -0.33 0.00	24.62 -0.37 0.00	24.21 -0.42 0.00	24.31 -0.47 0.01	24.93 -0.51 0.04	27.08 -0.50 0.10	29.49 -0.54 0.21	29.69 -0.52 0.19	28.14 -0.52 0.16	25.83 -0.42 0.03	23.79 -0.36 0.00	23.46 -0.26 0.00	22.30 -0.27 0.00
YORK___WARBASSE 23770	40.07 1.57 -12.77	23.67 1.30 -0.01	23.22 1.36 -0.01	22.50 1.31 -0.01	23.14 1.17 -2.71	23.26 1.17 -1.28	23.64 1.30 0.00	23.61 1.34 0.00	39.98 1.61 -14.04	39.96 1.64 -13.08	39.98 1.73 -13.83	46.23 1.78 -19.44	40.34 1.87 -13.48	46.34 1.90 -19.82	42.05 2.06 -15.19	46.40 2.22 -18.70	45.41 2.24 -15.49	44.65 2.39 -12.01	44.30 2.22 -11.69	44.48 2.16 -13.49	39.97 1.79 -11.90	25.68 1.52 0.00	25.12 1.40 0.00	24.08 1.49 -0.03