

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		02/09/2024																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EST	25.47	24.51	23.33	23.18	23.82	25.85	30.19	31.74	31.16	29.15	28.01	26.66	25.67	25.64	25.67	25.90	28.19	29.06	30.33	27.90	27.49	26.34	24.95	24.93			
		1.60	1.45	1.40	1.37	1.41	1.71	2.23	2.50	2.50	2.55	2.33	1.92	1.84	1.83	1.81	1.90	2.35	2.62	2.64	2.41	2.20	1.88	1.74	1.48			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46	-3.70	-3.15	-1.15	-0.38	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-2.07	-0.09	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EST	25.47	24.51	23.35	23.18	23.82	25.83	30.21	31.74	31.18	29.12	28.02	26.68	25.67	25.66	25.69	25.92	28.22	29.08	30.35	27.95	27.44	26.36	24.98	24.95			
		1.60	1.45	1.42	1.37	1.41	1.69	2.25	2.50	2.53	2.49	2.33	1.95	1.84	1.86	1.84	1.92	2.38	2.64	2.66	2.46	2.15	1.91	1.76	1.50			
		0.00	0.00	0.00	0.00	0.00	0.00	-1.46	-3.70	-3.15	-1.17	-0.39	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-2.07	-0.09	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EST	25.47	24.51	23.35	23.18	23.82	25.83	30.21	31.74	31.18	29.12	28.02	26.68	25.67	25.66	25.69	25.92	28.22	29.08	30.35	27.95	27.44	26.36	24.98	24.95			
		1.60	1.45	1.42	1.37	1.41	1.69	2.25	2.50	2.53	2.49	2.33	1.95	1.84	1.86	1.84	1.92	2.38	2.64	2.66	2.46	2.15	1.91	1.76	1.50			
		0.00	0.00	0.00	0.00	0.00	0.00	-1.46	-3.70	-3.15	-1.17	-0.39	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-2.07	-0.09	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EST	25.16	24.23	23.04	22.89	23.57	25.54	30.32	32.23	31.50	27.19	26.82	25.83	25.02	24.97	25.05	25.22	27.49	28.32	30.14	27.22	27.01	26.05	24.58	24.62			
		1.29	1.18	1.12	1.09	1.17	1.40	1.96	1.99	1.99	1.73	1.52	1.18	1.19	1.17	1.19	1.22	1.65	1.88	1.90	1.70	1.72	1.59	1.37	1.17			
		0.00	0.00	0.00	0.00	0.00	0.00	-1.86	-4.70	-4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.63	-0.12	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EST	25.23	24.32	23.10	22.96	23.64	25.68	30.45	32.36	31.65	27.31	26.92	25.93	25.12	25.04	25.12	25.30	27.60	28.42	30.25	27.32	27.19	26.14	24.65	24.69			
		1.36	1.27	1.18	1.15	1.23	1.55	2.09	2.12	2.14	1.86	1.62	1.28	1.29	1.24	1.26	1.30	1.76	1.98	2.00	1.80	1.90	1.69	1.44	1.24			
		0.00	0.00	0.00	0.00	0.00	0.00	-1.86	-4.70	-4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.63	-0.12	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EST	25.16	24.23	23.04	22.89	23.57	25.54	30.32	32.23	31.50	27.19	26.82	25.83	25.02	24.97	25.05	25.22	27.49	28.32	30.14	27.22	27.01	26.05	24.58	24.62			
		1.29	1.18	1.12	1.09	1.17	1.40	1.96	1.99	1.99	1.73	1.52	1.18	1.19	1.17	1.19	1.22	1.65	1.88	1.90	1.70	1.72	1.59	1.37	1.17			
		0.00	0.00	0.00	0.00	0.00	0.00	-1.86	-4.70	-4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.63	-0.12	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EST	25.16	24.30	23.10	22.94	23.59	25.56	30.10	31.90	31.29	27.27	26.92	25.93	25.12	25.07	25.21	25.37	27.49	28.37	30.11	27.34	27.06	26.00	24.49	24.48			
		1.29	1.24	1.18	1.13	1.19	1.42	1.80	1.81	1.91	1.81	1.62	1.28	1.29	1.26	1.36	1.37	1.66	1.93	1.95	1.83	1.77	1.54	1.28	1.03			
		0.00	0.00	0.00	0.00	0.00	0.00	-1.80	-4.55	-3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.55	-0.12	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EST	24.71	23.84	22.71	22.57	23.19	25.03	29.54	30.87	30.13	26.20	25.89	25.05	24.29	24.26	24.33	24.50	26.46	27.23	28.94	26.30	26.00	25.12	23.93	24.16			
		0.84	0.78	0.79	0.76	0.78	0.89	1.25	0.77	0.74	0.74	0.58	0.39	0.45	0.45	0.48	0.50	0.62	0.79	0.77	0.79	0.71	0.66	0.72	0.70			
		0.00	0.00	0.00	0.00	0.00	0.00	-1.80	-4.56	-3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.56	-0.12	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EST	23.77	23.01	21.86	21.78	22.36	23.87	25.83	24.82	24.82	24.87	24.92	24.60	23.74	23.71	23.76	23.86	25.43	25.67	24.77	24.81	24.89	24.19	22.96	23.29			
		-0.10	-0.05	-0.07	-0.02	-0.04	-0.27	-0.66	-0.72	-0.69	-0.59	-0.38	-0.05	-0.10	-0.10	-0.10	-0.14	-0.41	-0.77	-0.85	-0.58	-0.40	-0.27	-0.26	-0.16			
		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	EST	24.99	24.14	22.95	22.81	23.44	25.37	29.77	31.26	30.54	26.63	26.29	25.42	24.62	24.59	24.67	24.86	26.95	27.68	29.32	26.70	26.51	25.53	24.23	24.44			
		1.12	1.08	1.03	1.00	1.03	1.23	1.51	1.25	1.22	1.17	0.99	0.77	0.79	0.78	0.81	0.86	1.11	1.24	1.20	1.19	1.21	1.07	1.02	0.98			
		0.00	0.00	0.00	0.00	0.00	0.00	-1.77	-4.47	-3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.50	-0.11	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EST	24.99	24.14	22.95	22.81	23.44	25.34	29.77	31.26	30.54	26.60	26.29	25.42	24.62	24.59	24.67	24.84	26.92	27.68	29.32	26.68	26.48	25.53	24.23	24.44			
		1.12	1.08	1.03	1.00	1.03	1.21	1.51	1.25	1.22	1.15	0.99	0.77	0.79	0.78	0.81	0.84	1.09	1.24	1.20	1.17	1.19	1.07	1.02	0.98			
		0.00	0.00	0.00	0.00	0.00	0.00	-1.77	-4.47	-3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.50	-0.11	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EST	24.71	23.84	22.71	22.57	23.19	25.03	29.54	30.87	30.13	26.20	25.89	25.05	24.29	24.26	24.33	24.50	26.46	27.23	28.94	26.30	26.00	25.12	23.93	24.16			
		0.84	0.78	0.79	0.76	0.78	0.89	1.25	0.77	0.74	0.74	0.58	0.39	0.45	0.45	0.48	0.50	0.62	0.79	0.77	0.79	0.71	0.66	0.72	0.70			
		0.00	0.00	0.00	0.00	0.00	0.00	-1.80	-4.56	-3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.56	-0.12	0.00	0.00	0.00	0.00			



ALBANY___2 23572	24.71 0.84 0.00	23.84 0.78 0.00	22.71 0.79 0.00	22.57 0.76 0.00	23.19 0.78 0.00	25.03 0.89 0.00	29.54 1.25 -1.80	30.87 0.77 -4.56	30.13 0.74 -3.88	26.20 0.74 0.00	25.89 0.58 0.00	25.05 0.39 0.00	24.29 0.45 0.00	24.26 0.45 0.00	24.33 0.48 0.00	24.50 0.50 0.00	26.46 0.62 0.00	27.23 0.79 0.00	28.94 0.77 -2.56	26.30 0.79 -0.12	26.00 0.71 0.00	25.12 0.66 0.00	23.93 0.72 0.00	24.16 0.70 0.00
ALBANY___3 23573	24.71 0.84 0.00	23.84 0.78 0.00	22.71 0.79 0.00	22.57 0.76 0.00	23.19 0.78 0.00	25.03 0.89 0.00	29.54 1.25 -1.80	30.87 0.77 -4.56	30.13 0.74 -3.88	26.20 0.74 0.00	25.89 0.58 0.00	25.05 0.39 0.00	24.29 0.45 0.00	24.26 0.45 0.00	24.33 0.48 0.00	24.50 0.50 0.00	26.46 0.62 0.00	27.23 0.79 0.00	28.94 0.77 -2.56	26.30 0.79 -0.12	26.00 0.71 0.00	25.12 0.66 0.00	23.93 0.72 0.00	24.16 0.70 0.00
ALBANY___4 23574	24.71 0.84 0.00	23.84 0.78 0.00	22.71 0.79 0.00	22.57 0.76 0.00	23.19 0.78 0.00	25.03 0.89 0.00	29.54 1.25 -1.80	30.87 0.77 -4.56	30.13 0.74 -3.88	26.20 0.74 0.00	25.89 0.58 0.00	25.05 0.39 0.00	24.29 0.45 0.00	24.26 0.45 0.00	24.33 0.48 0.00	24.50 0.50 0.00	26.46 0.62 0.00	27.23 0.79 0.00	28.94 0.77 -2.56	26.30 0.79 -0.12	26.00 0.71 0.00	25.12 0.66 0.00	23.93 0.72 0.00	24.16 0.70 0.00
ALBANY___LFGE 323615	24.85 0.98 0.00	24.00 0.95 0.00	22.84 0.92 0.00	22.70 0.89 0.00	23.33 0.92 0.00	25.25 1.11 0.00	29.74 1.43 -1.82	31.19 1.05 -4.60	30.45 1.02 -3.91	26.45 0.99 0.00	26.14 0.83 0.00	25.27 0.62 0.00	24.50 0.67 0.00	24.45 0.64 0.00	24.55 0.69 0.00	24.70 0.70 0.00	26.72 0.88 0.00	27.47 1.03 0.00	29.22 1.03 -2.58	26.53 1.02 -0.12	26.31 1.01 0.00	25.33 0.88 0.00	24.09 0.88 0.00	24.29 0.84 0.00
ALCOA_PA_115KV_PL-6C 55860	23.82 -0.05 0.00	23.12 0.07 0.00	21.97 0.04 0.00	21.89 0.09 0.00	22.48 0.07 0.00	23.92 -0.22 0.00	25.89 -0.61 0.00	24.90 -0.64 0.00	24.90 -0.61 0.00	24.97 -0.48 0.00	25.05 -0.25 0.00	24.70 0.05 0.00	23.81 -0.02 0.00	23.78 -0.02 0.00	23.81 -0.05 0.00	23.90 -0.10 0.00	25.48 -0.36 0.00	25.73 -0.71 0.00	24.80 -0.82 0.00	24.86 -0.53 0.00	24.94 -0.35 0.00	24.21 -0.24 0.00	23.03 -0.19 0.00	23.43 -0.02 0.00
ALCOA_RYNLDS___DRP 24188	23.82 -0.05 0.00	23.12 0.07 0.00	21.97 0.04 0.00	21.89 0.09 0.00	22.48 0.07 0.00	23.92 -0.22 0.00	25.89 -0.61 0.00	24.90 -0.61 0.00	24.90 -0.61 0.00	24.97 -0.48 0.00	25.05 -0.25 0.00	24.70 0.05 0.00	23.81 -0.02 0.00	23.78 -0.02 0.00	23.81 -0.05 0.00	23.90 -0.10 0.00	25.48 -0.36 0.00	25.73 -0.71 0.00	24.80 -0.82 0.00	24.86 -0.53 0.00	24.94 -0.35 0.00	24.21 -0.24 0.00	23.03 -0.19 0.00	23.43 -0.02 0.00
ALCOA___DSASP 323711	23.82 -0.05 0.00	23.12 0.07 0.00	21.97 0.04 0.00	21.89 0.09 0.00	22.48 0.07 0.00	23.97 -0.17 0.00	25.91 -0.58 0.00	24.90 -0.64 0.00	24.90 -0.61 0.00	24.97 -0.48 0.00	25.05 -0.25 0.00	24.70 0.05 0.00	23.81 -0.02 0.00	23.78 -0.02 0.00	23.81 -0.05 0.00	23.91 -0.10 0.00	25.48 -0.36 0.00	25.73 -0.71 0.00	24.79 -0.82 0.00	24.86 -0.53 0.00	24.86 -0.43 0.00	24.21 -0.24 0.00	23.14 -0.07 0.00	23.43 -0.02 0.00
ALLEGHENY___COGEN 23514	23.27 -0.60 0.00	22.57 -0.49 0.00	21.37 -0.55 0.00	21.26 -0.54 0.00	22.03 -0.38 0.00	23.99 -0.14 0.00	27.70 0.32 -0.88	28.12 0.64 -1.95	28.57 0.43 -2.63	27.52 0.25 -1.81	27.00 -0.05 -1.75	25.19 -0.40 -0.93	24.19 -0.43 -0.79	24.53 -0.48 -1.20	24.40 -0.52 -1.07	24.67 -0.38 -1.06	29.51 0.08 -3.59	28.89 0.66 -1.79	28.62 0.69 -2.31	25.70 0.00 -0.30	25.36 -0.15 -0.21	24.05 -0.42 -0.01	22.70 -0.51 0.00	23.10 -0.35 0.00
ALTAMONT_115KV_TB 2 55880	24.63 0.76 0.00	23.77 0.71 0.00	22.62 0.70 0.00	22.48 0.68 0.00	23.12 0.72 0.00	24.98 0.84 0.00	29.44 1.14 -1.80	31.17 1.07 -4.56	30.46 1.07 -3.88	26.48 1.02 0.00	26.19 0.89 0.00	25.34 0.69 0.00	24.52 0.69 0.00	24.50 0.69 0.00	24.57 0.72 0.00	24.72 0.72 0.00	26.77 0.93 0.00	27.52 1.08 0.00	29.24 1.08 -2.55	26.53 1.02 -0.12	26.23 0.94 0.00	25.29 0.83 0.00	23.98 0.77 0.00	24.13 0.68 0.00
ALTONA_WT_PWR 323606	24.08 0.21 0.00	23.26 0.21 0.00	22.12 0.20 0.00	22.09 0.28 0.00	22.61 0.20 0.00	24.19 0.05 0.00	25.84 -0.66 0.00	24.82 -0.71 0.00	24.75 -0.76 0.00	24.85 -0.61 0.00	25.03 -0.28 0.00	24.82 0.17 0.00	23.90 0.07 0.00	23.97 0.17 0.00	23.95 0.10 0.00	23.95 -0.05 0.00	25.53 -0.31 0.00	25.73 -0.71 0.00	24.54 -1.07 0.00	24.64 -0.76 0.00	24.48 -0.81 0.00	23.72 -0.73 0.00	22.47 -0.74 0.00	23.01 -0.45 0.00
AMERICAN_REF_FUEL 24010	20.79 -3.08 0.00	20.26 -2.79 0.00	19.25 -2.68 0.00	19.21 -2.59 0.00	19.88 -2.53 0.00	21.31 -2.82 0.01	22.82 -2.81 0.87	20.92 -2.58 2.04	19.06 -2.70 3.74	19.00 -2.72 3.74	18.73 -2.96 3.62	19.71 -3.01 1.93	19.20 -3.00 1.63	18.28 -3.05 2.47	18.48 -3.15 2.22	18.60 -3.22 2.19	15.15 -3.02 7.67	20.09 -2.51 3.83	19.40 -2.41 3.80	21.99 -3.05 0.36	21.75 -3.26 0.28	21.09 -3.35 0.01	20.10 -3.11 0.00	20.68 -2.77 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.98 -2.89 0.00	20.33 -2.72 0.00	19.36 -2.56 0.00	19.38 -2.42 0.00	20.01 -2.40 0.00	21.79 -2.34 0.01	23.82 -2.17 0.50	22.77 -1.58 1.18	21.38 -1.74 2.39	21.17 -1.71 2.58	20.80 -2.00 2.50	21.20 -2.12 1.33	20.61 -2.10 1.13	19.95 -2.14 1.71	20.10 -2.22 1.54	20.26 -2.23 1.51	18.55 -1.96 5.33	22.30 -1.48 2.66	21.64 -1.46 2.52	22.54 -2.67 0.20	22.27 -2.86 0.16	21.46 -2.98 0.01	20.59 -2.62 0.00	21.11 -2.34 0.00
ARTHUR KILL_GT_1 23520	25.56 1.69 0.00	24.60 1.54 0.00	23.39 1.47 0.00	23.22 1.42 0.00	23.86 1.46 0.00	25.80 1.66 0.00	30.00 2.04 -1.46	31.51 2.27 -3.70	30.90 2.25 -3.15	28.84 2.21 -1.17	27.77 2.08 -0.39	26.44 1.70 -0.08	25.43 1.60 0.00	25.37 1.57 0.01	25.42 1.57 0.01	25.68 1.68 0.00	28.06 2.22 0.00	28.92 2.48 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.32 2.02 0.00	26.22 1.76 0.00	24.93 1.72 0.00	24.98 1.52 0.00
ARTHUR_KILL_2 23512	25.52 1.65 0.00	24.53 1.48 0.00	23.33 1.40 0.00	23.15 1.35 0.00	23.80 1.39 0.00	25.73 1.59 0.00	29.92 1.96 -1.46	31.44 2.20 -3.70	30.83 2.17 -3.15	28.76 2.14 -1.17	27.69 2.00 -0.39	26.36 1.63 -0.08	25.36 1.53 0.00	25.32 1.52 0.01	25.35 1.50 0.01	25.61 1.61 0.00	27.96 2.12 0.00	28.84 2.41 0.00	30.12 2.43 -2.07	27.73 2.24 -0.09	27.24 1.95 0.00	26.14 1.69 0.00	24.86 1.65 0.00	24.91 1.45 0.00
ARTHUR_KILL_3 23513	25.25 1.38 0.00	24.27 1.22 0.00	23.13 1.20 0.00	22.96 1.15 0.00	23.59 1.19 0.00	25.61 1.47 0.00	29.89 1.93 -1.46	31.44 2.20 -3.70	30.88 2.22 -3.15	28.83 2.21 -1.16	27.74 2.05 -0.38	26.43 1.70 -0.08	25.43 1.60 0.00	25.40 1.60 0.00	25.45 1.60 0.00	25.66 1.65 0.00	27.91 2.07 0.00	28.79 2.35 0.00	30.04 2.36 -2.07	27.68 2.18 -0.09	27.27 1.97 0.00	26.14 1.69 0.00	24.77 1.56 0.00	24.74 1.29 0.00



ARTHUR_KILL_COGEN 323718	25.56 1.69 0.00	24.60 1.54 0.00	23.39 1.47 0.00	23.22 1.42 0.00	23.86 1.46 0.00	25.80 1.66 0.00	30.00 2.04 -1.46	31.51 2.27 -3.70	30.90 2.25 -3.15	28.84 2.21 -1.17	27.77 2.08 -0.39	26.44 1.70 -0.08	25.43 1.60 0.00	25.37 1.57 0.01	25.42 1.57 0.01	25.68 1.68 0.00	28.06 2.22 0.00	28.92 2.48 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.32 2.02 0.00	26.22 1.76 0.00	24.93 1.72 0.00	24.98 1.52 0.00
ASHOKAN____ 23654	25.68 1.81 0.00	24.69 1.64 0.00	23.48 1.56 0.00	23.35 1.55 0.00	24.02 1.61 0.00	26.00 1.86 0.00	29.40 1.27 -1.63	30.65 0.99 -4.12	29.93 0.92 -3.51	27.01 1.55 0.00	26.59 1.29 0.00	25.56 0.91 0.00	24.74 0.91 0.00	24.69 0.88 0.00	24.76 0.91 0.00	25.08 1.08 0.00	27.49 1.66 0.00	28.24 1.80 0.00	28.79 0.87 -2.31	27.35 1.85 -0.10	27.01 1.72 0.00	26.00 1.54 0.00	24.63 1.42 0.00	24.88 1.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	25.69 1.81 -0.01	24.70 1.64 -0.01	23.51 1.58 -0.01	23.34 1.53 -0.01	23.98 1.57 -0.01	25.93 1.79 -0.01	30.03 2.07 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.16	28.95 2.32 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.01	25.53 1.72 -0.01	25.58 1.72 -0.01	25.81 1.80 -0.01	28.09 2.25 -0.01	28.99 2.54 -0.01	30.23 2.54 -2.08	27.83 2.34 -0.10	27.37 2.07 -0.01	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	25.69 1.81 -0.01	24.70 1.64 -0.01	23.51 1.58 -0.01	23.34 1.53 -0.01	23.98 1.57 -0.01	25.93 1.79 -0.01	30.03 2.07 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.16	28.95 2.32 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.01	25.55 1.74 -0.01	25.58 1.72 -0.01	25.81 1.80 -0.01	28.09 2.25 -0.01	28.99 2.54 -0.01	30.23 2.54 -2.08	27.83 2.34 -0.10	27.37 2.07 -0.01	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_GT2_1 24094	25.64 1.77 -0.01	24.68 1.61 -0.01	23.49 1.56 -0.01	23.31 1.50 -0.01	23.98 1.57 -0.01	25.88 1.74 -0.01	30.05 2.09 -1.46	31.56 2.32 -3.70	31.02 2.35 -3.17	28.98 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.02	25.56 1.74 -0.02	25.59 1.72 -0.02	25.82 1.80 -0.02	28.13 2.27 -0.02	28.99 2.54 -0.02	30.24 2.54 -2.09	27.87 2.36 -0.11	27.33 2.02 -0.02	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_GT2_2 24095	25.64 1.77 -0.01	24.68 1.61 -0.01	23.49 1.56 -0.01	23.31 1.50 -0.01	23.98 1.57 -0.01	25.88 1.74 -0.01	30.05 2.09 -1.46	31.56 2.32 -3.70	31.02 2.35 -3.17	28.98 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.02	25.56 1.74 -0.02	25.59 1.72 -0.02	25.82 1.80 -0.02	28.13 2.27 -0.02	28.99 2.54 -0.02	30.24 2.54 -2.09	27.87 2.36 -0.11	27.33 2.02 -0.02	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_GT2_3 24096	25.64 1.77 -0.01	24.68 1.61 -0.01	23.49 1.56 -0.01	23.31 1.50 -0.01	23.98 1.57 -0.01	25.88 1.74 -0.01	30.05 2.09 -1.46	31.56 2.32 -3.70	31.02 2.35 -3.17	28.98 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.02	25.56 1.74 -0.02	25.59 1.72 -0.02	25.82 1.80 -0.02	28.13 2.27 -0.02	28.99 2.54 -0.02	30.24 2.54 -2.09	27.87 2.36 -0.11	27.33 2.02 -0.02	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_GT2_4 24097	25.64 1.77 -0.01	24.68 1.61 -0.01	23.49 1.56 -0.01	23.31 1.50 -0.01	23.98 1.57 -0.01	25.88 1.74 -0.01	30.05 2.09 -1.46	31.56 2.32 -3.70	31.02 2.35 -3.17	28.98 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.02	25.56 1.74 -0.02	25.59 1.72 -0.02	25.82 1.80 -0.02	28.13 2.27 -0.02	28.99 2.54 -0.02	30.24 2.54 -2.09	27.87 2.36 -0.11	27.33 2.02 -0.02	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_GT3_1 24098	25.64 1.77 -0.01	24.68 1.61 -0.01	23.49 1.56 -0.01	23.31 1.50 -0.01	23.98 1.57 -0.01	25.88 1.74 -0.01	30.05 2.09 -1.46	31.56 2.32 -3.70	31.02 2.35 -3.17	28.98 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.02	25.56 1.74 -0.02	25.59 1.72 -0.02	25.82 1.80 -0.02	28.13 2.27 -0.02	28.99 2.54 -0.02	30.24 2.54 -2.09	27.87 2.36 -0.11	27.33 2.02 -0.02	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_GT3_2 24099	25.64 1.77 -0.01	24.68 1.61 -0.01	23.49 1.56 -0.01	23.31 1.50 -0.01	23.98 1.57 -0.01	25.88 1.74 -0.01	30.05 2.09 -1.46	31.56 2.32 -3.70	31.02 2.35 -3.17	28.98 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.02	25.56 1.74 -0.02	25.59 1.72 -0.02	25.82 1.80 -0.02	28.13 2.27 -0.02	28.99 2.54 -0.02	30.24 2.54 -2.09	27.87 2.36 -0.11	27.33 2.02 -0.02	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_GT3_3 24100	25.64 1.77 -0.01	24.68 1.61 -0.01	23.49 1.56 -0.01	23.31 1.50 -0.01	23.98 1.57 -0.01	25.88 1.74 -0.01	30.05 2.09 -1.46	31.56 2.32 -3.70	31.02 2.35 -3.17	28.98 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.02	25.56 1.74 -0.02	25.59 1.72 -0.02	25.82 1.80 -0.02	28.13 2.27 -0.02	28.99 2.54 -0.02	30.24 2.54 -2.09	27.87 2.36 -0.11	27.33 2.02 -0.02	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_GT3_4 24101	25.64 1.77 -0.01	24.68 1.61 -0.01	23.49 1.56 -0.01	23.31 1.50 -0.01	23.98 1.57 -0.01	25.88 1.74 -0.01	30.05 2.09 -1.46	31.56 2.32 -3.70	31.02 2.35 -3.17	28.98 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.02	25.56 1.74 -0.02	25.59 1.72 -0.02	25.82 1.80 -0.02	28.13 2.27 -0.02	28.99 2.54 -0.02	30.24 2.54 -2.09	27.87 2.36 -0.11	27.33 2.02 -0.02	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_GT4_1 24102	25.64 1.77 -0.01	24.68 1.61 -0.01	23.49 1.56 -0.01	23.31 1.50 -0.01	23.98 1.57 -0.01	25.88 1.74 -0.01	30.05 2.09 -1.46	31.56 2.32 -3.70	31.02 2.35 -3.17	28.98 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.02	25.56 1.74 -0.02	25.59 1.72 -0.02	25.82 1.80 -0.02	28.13 2.27 -0.02	28.99 2.54 -0.02	30.24 2.54 -2.09	27.87 2.36 -0.11	27.33 2.02 -0.02	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_GT4_2 24103	25.64 1.77 -0.01	24.68 1.61 -0.01	23.49 1.56 -0.01	23.31 1.50 -0.01	23.98 1.57 -0.01	25.88 1.74 -0.01	30.05 2.09 -1.46	31.56 2.32 -3.70	31.02 2.35 -3.17	28.98 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.02	25.56 1.74 -0.02	25.59 1.72 -0.02	25.82 1.80 -0.02	28.13 2.27 -0.02	28.99 2.54 -0.02	30.24 2.54 -2.09	27.87 2.36 -0.11	27.33 2.02 -0.02	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_GT4_3 24104	25.64 1.77 -0.01	24.68 1.61 -0.01	23.49 1.56 -0.01	23.31 1.50 -0.01	23.98 1.57 -0.01	25.88 1.74 -0.01	30.05 2.09 -1.46	31.56 2.32 -3.70	31.02 2.35 -3.17	28.98 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.02	25.56 1.74 -0.02	25.59 1.72 -0.02	25.82 1.80 -0.02	28.13 2.27 -0.02	28.99 2.54 -0.02	30.24 2.54 -2.09	27.87 2.36 -0.11	27.33 2.02 -0.02	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01



ASTORIA_GT4_4 24105	25.64 1.77 -0.01	24.68 1.61 -0.01	23.49 1.56 -0.01	23.31 1.50 -0.01	23.98 1.57 -0.01	25.88 1.74 -0.01	30.05 2.09 -1.46	31.56 2.32 -3.70	31.02 2.35 -3.17	28.98 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.56 1.72 -0.02	25.56 1.74 -0.02	25.59 1.72 -0.02	25.82 1.80 -0.02	28.13 2.27 -0.02	28.99 2.54 -0.02	30.24 2.54 -2.09	27.87 2.36 -0.11	27.33 2.02 -0.02	26.27 1.81 0.00	25.01 1.79 -0.01	25.08 1.62 -0.01
ASTORIA_GT_1 23523	25.74 1.86 -0.01	24.74 1.68 -0.01	23.53 1.60 -0.01	23.38 1.57 -0.01	24.03 1.61 -0.01	25.98 1.83 -0.01	30.08 2.12 -1.46	31.62 2.38 -3.70	31.09 2.42 -3.16	29.03 2.39 -1.18	27.95 2.25 -0.40	26.62 1.87 -0.09	25.63 1.79 -0.01	25.60 1.79 -0.01	25.63 1.77 -0.01	25.86 1.85 -0.01	28.17 2.33 -0.01	29.04 2.59 -0.01	30.28 2.59 -2.08	27.91 2.41 -0.10	27.45 2.15 -0.01	26.31 1.86 0.00	25.05 1.83 -0.01	25.13 1.67 -0.01
ASTORIA_GT_10 24110	25.44 1.58 0.00	24.48 1.43 0.00	23.30 1.38 0.00	23.13 1.33 0.00	23.80 1.39 0.00	25.73 1.59 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.54 1.80 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.06 2.22 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.29 2.00 0.00	26.24 1.79 0.00	24.91 1.69 0.00	24.91 1.45 0.00
ASTORIA_GT_11 24225	25.44 1.58 0.00	24.48 1.43 0.00	23.30 1.38 0.00	23.13 1.33 0.00	23.80 1.39 0.00	25.73 1.59 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.54 1.80 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.06 2.22 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.29 2.00 0.00	26.24 1.79 0.00	24.91 1.69 0.00	24.91 1.45 0.00
ASTORIA_GT_12 24226	25.44 1.58 0.00	24.48 1.43 0.00	23.30 1.38 0.00	23.13 1.33 0.00	23.80 1.39 0.00	25.73 1.59 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.54 1.80 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.06 2.22 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.29 2.00 0.00	26.24 1.79 0.00	24.91 1.69 0.00	24.91 1.45 0.00
ASTORIA_GT_13 24227	25.44 1.58 0.00	24.48 1.43 0.00	23.30 1.38 0.00	23.13 1.33 0.00	23.80 1.39 0.00	25.73 1.59 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.54 1.80 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.06 2.22 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.29 2.00 0.00	26.24 1.79 0.00	24.91 1.69 0.00	24.91 1.45 0.00
ASTORIA_GT_5 24106	25.69 1.81 -0.01	24.72 1.66 -0.01	23.53 1.60 -0.01	23.34 1.53 -0.01	24.01 1.59 -0.01	25.91 1.76 -0.01	30.11 2.15 -1.46	31.61 2.37 -3.70	31.10 2.42 -3.17	29.03 2.39 -1.18	27.95 2.25 -0.40	26.62 1.87 -0.09	25.61 1.76 -0.02	25.61 1.79 -0.02	25.63 1.77 -0.02	25.86 1.85 -0.02	28.18 2.33 -0.02	29.05 2.59 -0.02	30.29 2.59 -2.09	27.92 2.41 -0.11	27.38 2.07 -0.02	26.31 1.86 0.00	25.05 1.83 -0.01	25.10 1.64 -0.01
ASTORIA_GT_7 24107	25.69 1.81 -0.01	24.72 1.66 -0.01	23.53 1.60 -0.01	23.34 1.53 -0.01	24.01 1.59 -0.01	25.91 1.76 -0.01	30.11 2.15 -1.46	31.61 2.37 -3.70	31.10 2.42 -3.17	29.03 2.39 -1.18	27.95 2.25 -0.40	26.62 1.87 -0.09	25.61 1.76 -0.02	25.61 1.79 -0.02	25.63 1.77 -0.02	25.86 1.85 -0.02	28.18 2.33 -0.02	29.05 2.59 -0.02	30.29 2.59 -2.09	27.92 2.41 -0.11	27.38 2.07 -0.02	26.31 1.86 0.00	25.05 1.83 -0.01	25.10 1.64 -0.01
ASTORIA_GT_8 24108	25.69 1.81 -0.01	24.72 1.66 -0.01	23.53 1.60 -0.01	23.34 1.53 -0.01	24.01 1.59 -0.01	25.91 1.76 -0.01	30.11 2.15 -1.46	31.61 2.37 -3.70	31.10 2.42 -3.17	29.03 2.39 -1.18	27.95 2.25 -0.40	26.62 1.87 -0.09	25.61 1.76 -0.02	25.61 1.79 -0.02	25.63 1.77 -0.02	25.86 1.85 -0.02	28.18 2.33 -0.02	29.05 2.59 -0.02	30.29 2.59 -2.09	27.92 2.41 -0.11	27.38 2.07 -0.02	26.31 1.86 0.00	25.05 1.83 -0.01	25.10 1.64 -0.01
ASTORIA___2 24149	25.69 1.81 -0.01	24.72 1.66 -0.01	23.51 1.58 -0.01	23.34 1.53 -0.01	23.98 1.57 -0.01	25.93 1.79 -0.01	30.03 2.07 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.16	28.97 2.34 -1.18	27.90 2.20 -0.40	26.57 1.82 -0.09	25.58 1.74 -0.01	25.55 1.74 -0.01	25.58 1.72 -0.01	25.81 1.80 -0.01	28.12 2.27 -0.01	28.99 2.54 -0.01	30.23 2.54 -2.08	27.86 2.36 -0.10	27.40 2.10 -0.01	26.27 1.81 0.00	25.03 1.81 -0.01	25.08 1.62 -0.01
ASTORIA___3 23516	25.49 1.62 0.00	24.51 1.45 0.00	23.33 1.40 0.00	23.15 1.35 0.00	23.80 1.39 0.00	25.78 1.64 0.00	30.00 2.04 -1.46	31.56 2.32 -3.70	31.00 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.53 1.80 -0.08	25.55 1.72 0.00	25.52 1.72 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.09 2.25 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.37 2.07 0.00	26.24 1.78 0.00	24.91 1.69 0.00	24.93 1.48 0.00
ASTORIA___4 23517	25.44 1.58 0.00	24.48 1.43 0.00	23.30 1.38 0.00	23.13 1.33 0.00	23.80 1.39 0.00	25.73 1.59 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.54 1.80 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.06 2.22 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.29 2.00 0.00	26.24 1.79 0.00	24.91 1.69 0.00	24.91 1.45 0.00
ASTORIA___5 23518	25.49 1.62 0.00	24.51 1.45 0.00	23.33 1.40 0.00	23.15 1.35 0.00	23.80 1.39 0.00	25.78 1.64 0.00	30.00 2.04 -1.46	31.56 2.32 -3.70	31.00 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.53 1.80 -0.08	25.55 1.72 0.00	25.52 1.72 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.09 2.25 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.37 2.07 0.00	26.24 1.78 0.00	24.91 1.69 0.00	24.93 1.48 0.00
AST_ENERGY_2_CC3 323677	25.33 1.46 0.00	24.37 1.31 0.00	23.19 1.27 0.00	23.04 1.24 0.00	23.66 1.25 0.00	25.68 1.55 0.00	29.95 1.99 -1.46	31.49 2.25 -3.70	30.90 2.25 -3.15	28.86 2.24 -1.16	27.79 2.10 -0.38	26.46 1.72 -0.08	25.45 1.62 0.00	25.45 1.64 0.00	25.48 1.62 0.00	25.71 1.70 0.00	27.96 2.12 0.00	28.82 2.38 0.00	30.07 2.38 -2.07	27.70 2.21 -0.09	27.29 2.00 0.00	26.17 1.71 0.00	24.79 1.58 0.00	24.79 1.34 0.00
AST_ENERGY_2_CC4 323678	25.33 1.46 0.00	24.37 1.31 0.00	23.19 1.27 0.00	23.04 1.24 0.00	23.66 1.25 0.00	25.68 1.55 0.00	29.95 1.99 -1.46	31.49 2.25 -3.70	30.90 2.25 -3.15	28.86 2.24 -1.16	27.79 2.10 -0.38	26.46 1.72 -0.08	25.45 1.62 0.00	25.45 1.64 0.00	25.48 1.62 0.00	25.71 1.70 0.00	27.96 2.12 0.00	28.82 2.38 0.00	30.07 2.38 -2.07	27.70 2.21 -0.09	27.29 2.00 0.00	26.17 1.71 0.00	24.79 1.58 0.00	24.79 1.34 0.00



ATHENS_STG_1 23668	24.80 0.93 0.00	23.91 0.85 0.00	22.73 0.81 0.00	22.59 0.78 0.00	23.24 0.83 0.00	25.15 1.01 0.00	29.44 1.32 -1.62	31.02 1.38 -4.10	30.40 1.40 -3.49	26.78 1.32 0.00	26.49 1.19 0.00	25.59 0.94 0.00	24.76 0.93 0.00	24.73 0.93 0.00	24.78 0.93 0.00	24.96 0.96 0.00	27.08 1.24 0.00	27.87 1.43 0.00	29.34 1.43 -2.30	26.82 1.32 -0.10	26.53 1.24 0.00	25.51 1.05 0.00	24.14 0.93 0.00	24.25 0.80 0.00
ATHENS_STG_2 23670	24.80 0.93 0.00	23.91 0.85 0.00	22.73 0.81 0.00	22.59 0.78 0.00	23.24 0.83 0.00	25.15 1.01 0.00	29.44 1.32 -1.62	31.02 1.38 -4.10	30.40 1.40 -3.49	26.78 1.32 0.00	26.49 1.19 0.00	25.59 0.94 0.00	24.76 0.93 0.00	24.73 0.93 0.00	24.78 0.93 0.00	24.96 0.96 0.00	27.08 1.24 0.00	27.87 1.43 0.00	29.34 1.43 -2.30	26.82 1.32 -0.10	26.53 1.24 0.00	25.51 1.05 0.00	24.14 0.93 0.00	24.25 0.80 0.00
ATHENS_STG_3 23677	24.80 0.93 0.00	23.91 0.85 0.00	22.73 0.81 0.00	22.59 0.78 0.00	23.24 0.83 0.00	25.15 1.01 0.00	29.44 1.32 -1.62	31.02 1.38 -4.10	30.40 1.40 -3.49	26.78 1.32 0.00	26.49 1.19 0.00	25.59 0.94 0.00	24.76 0.93 0.00	24.73 0.93 0.00	24.78 0.93 0.00	24.96 0.96 0.00	27.08 1.24 0.00	27.87 1.43 0.00	29.34 1.43 -2.30	26.82 1.32 -0.10	26.53 1.24 0.00	25.51 1.05 0.00	24.14 0.93 0.00	24.25 0.80 0.00
AUBURN___LFGE 323710	23.39 -0.48 0.00	22.62 -0.44 0.00	21.46 -0.46 0.00	21.34 -0.46 0.00	21.98 -0.43 0.00	23.87 -0.27 0.00	28.44 -0.03 -1.97	30.25 0.05 -4.66	32.75 -0.03 -7.27	31.52 -0.08 -6.14	31.02 -0.23 -5.94	27.42 -0.39 -3.17	26.12 -0.38 -2.67	27.44 -0.43 -4.06	27.05 -0.45 -3.65	27.16 -0.43 -3.59	38.50 -0.23 -12.89	32.98 0.11 -6.44	32.82 0.08 -7.13	26.18 -0.18 -0.96	25.73 -0.28 -0.71	24.09 -0.39 -0.03	22.84 -0.37 0.00	23.15 -0.30 0.00
BABYLON_RES_REC 323704	31.38 2.05 -5.46	25.84 1.91 -0.88	23.76 1.84 0.00	23.57 1.77 0.00	24.22 1.81 0.00	31.48 2.20 -5.15	39.35 2.78 -10.07	37.13 2.96 -8.63	38.90 2.98 -10.41	33.05 2.88 -4.72	28.01 2.71 0.00	26.79 2.14 0.00	25.90 2.07 0.00	25.99 2.19 0.00	27.05 2.19 -1.00	29.67 2.28 -3.39	32.36 2.77 -3.76	38.25 3.12 -8.69	37.70 3.12 -8.96	33.83 2.87 -5.56	32.85 2.66 -4.90	31.72 2.35 -4.91	28.40 2.11 -3.08	27.17 1.90 -1.82
BABYLON__69_KV_BK2 356345	31.64 2.32 -5.46	26.10 2.17 -0.88	24.03 2.10 0.00	23.81 2.01 0.00	24.49 2.08 0.00	31.74 2.46 -5.15	39.74 3.18 -10.07	37.52 3.35 -8.63	39.29 3.37 -10.41	33.43 3.26 -4.72	28.31 3.01 0.00	27.12 2.47 0.00	26.17 2.34 0.00	26.31 2.50 0.00	27.33 2.48 -1.00	29.96 2.57 -3.39	32.72 3.13 -3.76	38.67 3.54 -8.69	38.11 3.53 -8.96	34.21 3.25 -5.56	33.15 2.96 -4.90	32.04 2.67 -4.91	28.71 2.41 -3.08	27.46 2.18 -1.82
BALL_HILL_WT_PWR 323825	21.36 -2.51 0.00	20.80 -2.26 0.00	19.77 -2.15 0.00	19.71 -2.09 0.00	20.37 -2.04 0.00	22.15 -1.98 0.01	24.02 -1.83 0.65	22.64 -1.38 1.52	21.05 -1.53 2.93	20.89 -1.53 3.04	20.54 -1.82 2.94	21.13 -1.95 1.57	20.58 -1.93 1.33	19.82 -1.98 2.02	19.99 -2.05 1.81	20.13 -2.09 1.78	17.77 -1.81 6.26	21.96 -1.35 3.13	21.25 -1.33 3.03	22.70 -2.44 0.26	22.46 -2.63 0.20	21.71 -2.74 0.01	20.80 -2.41 0.00	21.32 -2.13 0.00
BARON_WINDS___WT_PWR 323822	23.13 -0.74 0.00	22.38 -0.67 0.00	21.26 -0.66 0.00	21.19 -0.61 0.00	21.91 -0.49 0.00	23.94 -0.19 0.00	28.26 0.11 -1.65	29.69 0.38 -3.77	31.19 0.20 -5.48	29.85 0.18 -4.22	29.33 -0.05 -4.08	26.55 -0.27 -2.17	25.38 -0.28 -1.83	26.26 -0.33 -2.79	25.97 -0.38 -2.50	26.11 -0.36 -2.46	34.33 0.05 -8.44	31.18 0.53 -4.22	31.10 0.49 -5.00	25.85 -0.23 -0.68	25.38 -0.41 -0.50	23.92 -0.56 -0.02	22.72 -0.49 0.00	23.05 -0.40 0.00
BARRETT_IC_1 23704	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BARRETT_IC_10 23701	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BARRETT_IC_11 23702	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BARRETT_IC_12 23703	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BARRETT_IC_2 23705	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BARRETT_IC_3 23706	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BARRETT_IC_4 23707	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82



BARRETT_IC_5 23708	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BARRETT_IC_6 23709	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BARRETT_IC_7 23710	31.09 1.77 -5.46	25.57 1.64 -0.88	23.52 1.60 0.00	23.33 1.53 0.00	23.98 1.57 0.00	31.17 1.88 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.50 2.58 -10.41	32.78 2.60 -4.72	27.71 2.40 0.00	26.57 1.92 0.00	25.67 1.84 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.20 2.64 -8.95	33.45 2.49 -5.56	32.40 2.20 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BARRETT_IC_8 23711	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BARRETT_IC_9 23700	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BARRETT___1 23545	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BARRETT___2 23546	31.14 1.81 -5.46	25.61 1.68 -0.88	23.52 1.60 0.00	23.35 1.55 0.00	24.00 1.59 0.00	31.21 1.93 -5.15	38.92 2.36 -10.07	36.75 2.58 -8.63	38.49 2.58 -10.41	32.78 2.60 -4.72	27.73 2.43 0.00	26.58 1.92 0.00	25.69 1.86 0.00	25.76 1.95 0.00	26.78 1.93 -1.00	29.36 1.97 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.45 2.49 -5.56	32.47 2.28 -4.90	31.37 2.01 -4.91	28.15 1.86 -3.08	26.94 1.67 -1.82
BATAVIA__115KV_TB1 55881	21.58 -2.29 0.00	20.91 -2.14 0.00	19.82 -2.10 0.00	19.71 -2.09 0.00	20.37 -2.04 0.00	22.27 -1.86 0.00	23.92 -1.72 0.86	22.06 -1.43 2.04	20.19 -1.56 3.77	20.06 -1.63 3.77	19.78 -1.87 3.65	20.63 -2.07 1.95	20.14 -2.05 1.64	19.17 -2.14 2.50	19.39 -2.22 2.24	19.59 -2.21 2.21	16.23 -1.96 7.65	21.19 -1.43 3.82	20.48 -1.36 3.77	22.94 -2.03 0.43	22.71 -2.25 0.33	22.02 -2.42 0.01	21.05 -2.16 0.00	21.46 -1.99 0.00
BAYONEEC___CTG1 323682	25.35 1.48 0.00	24.37 1.31 0.00	23.21 1.29 0.00	23.04 1.24 0.00	23.68 1.28 0.00	25.71 1.57 0.00	30.00 2.04 -1.46	31.54 2.30 -3.70	30.96 2.30 -3.15	28.91 2.29 -1.16	27.81 2.13 -0.38	26.49 1.75 -0.08	25.50 1.67 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.32 2.02 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
BAYONEEC___CTG10 323750	25.35 1.48 0.00	24.37 1.31 0.00	23.21 1.29 0.00	23.04 1.24 0.00	23.68 1.28 0.00	25.71 1.57 0.00	30.00 2.04 -1.46	31.54 2.30 -3.70	30.96 2.30 -3.15	28.91 2.29 -1.16	27.81 2.13 -0.38	26.49 1.75 -0.08	25.50 1.67 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.32 2.02 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
BAYONEEC___CTG2 323683	25.35 1.48 0.00	24.37 1.31 0.00	23.21 1.29 0.00	23.04 1.24 0.00	23.68 1.28 0.00	25.71 1.57 0.00	30.00 2.04 -1.46	31.54 2.30 -3.70	30.96 2.30 -3.15	28.91 2.29 -1.16	27.81 2.13 -0.38	26.49 1.75 -0.08	25.50 1.67 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.32 2.02 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
BAYONEEC___CTG3 323684	25.35 1.48 0.00	24.37 1.31 0.00	23.21 1.29 0.00	23.04 1.24 0.00	23.68 1.28 0.00	25.71 1.57 0.00	30.00 2.04 -1.46	31.54 2.30 -3.70	30.96 2.30 -3.15	28.91 2.29 -1.16	27.81 2.13 -0.38	26.49 1.75 -0.08	25.50 1.67 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.32 2.02 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
BAYONEEC___CTG4 323685	25.35 1.48 0.00	24.37 1.31 0.00	23.21 1.29 0.00	23.04 1.24 0.00	23.68 1.28 0.00	25.71 1.57 0.00	30.00 2.04 -1.46	31.54 2.30 -3.70	30.96 2.30 -3.15	28.91 2.29 -1.16	27.81 2.13 -0.38	26.49 1.75 -0.08	25.50 1.67 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.32 2.02 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
BAYONEEC___CTG5 323686	25.35 1.48 0.00	24.37 1.31 0.00	23.21 1.29 0.00	23.04 1.24 0.00	23.68 1.28 0.00	25.71 1.57 0.00	30.00 2.04 -1.46	31.54 2.30 -3.70	30.96 2.30 -3.15	28.91 2.29 -1.16	27.81 2.13 -0.38	26.49 1.75 -0.08	25.50 1.67 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.32 2.02 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
BAYONEEC___CTG6 323687	25.35 1.48 0.00	24.37 1.31 0.00	23.21 1.29 0.00	23.04 1.24 0.00	23.68 1.28 0.00	25.71 1.57 0.00	30.00 2.04 -1.46	31.54 2.30 -3.70	30.96 2.30 -3.15	28.91 2.29 -1.16	27.81 2.13 -0.38	26.49 1.75 -0.08	25.50 1.67 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.32 2.02 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00



BAYONEEC___CTG7 323688	25.35 1.48 0.00	24.37 1.31 0.00	23.21 1.29 0.00	23.04 1.24 0.00	23.68 1.28 0.00	25.71 1.57 0.00	30.00 2.04 -1.46	31.54 2.30 -3.70	30.96 2.30 -3.15	28.91 2.29 -1.16	27.81 2.13 -0.38	26.49 1.75 -0.08	25.50 1.67 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.32 2.02 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
BAYONEEC___CTG8 323689	25.35 1.48 0.00	24.37 1.31 0.00	23.21 1.29 0.00	23.04 1.24 0.00	23.68 1.28 0.00	25.71 1.57 0.00	30.00 2.04 -1.46	31.54 2.30 -3.70	30.96 2.30 -3.15	28.91 2.29 -1.16	27.81 2.13 -0.38	26.49 1.75 -0.08	25.50 1.67 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.32 2.02 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
BAYONEEC___CTG9 323749	25.35 1.48 0.00	24.37 1.31 0.00	23.21 1.29 0.00	23.04 1.24 0.00	23.68 1.28 0.00	25.71 1.57 0.00	30.00 2.04 -1.46	31.54 2.30 -3.70	30.96 2.30 -3.15	28.91 2.29 -1.16	27.81 2.13 -0.38	26.49 1.75 -0.08	25.50 1.67 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.32 2.02 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
BEACON___LESR 323632	25.06 1.19 0.00	24.21 1.15 0.00	23.02 1.10 0.00	22.87 1.07 0.00	23.51 1.10 0.00	25.46 1.33 0.00	29.99 1.70 -1.80	31.42 1.33 -4.56	30.69 1.30 -3.88	26.68 1.22 0.00	26.34 1.04 0.00	25.46 0.81 0.00	24.67 0.83 0.00	24.62 0.81 0.00	24.69 0.83 0.00	24.86 0.86 0.00	26.95 1.11 0.00	27.73 1.30 0.00	29.45 1.28 -2.55	26.76 1.24 -0.12	26.53 1.24 0.00	25.56 1.10 0.00	24.28 1.07 0.00	24.48 1.03 0.00
BEAVER RIVER___HYD 24048	23.54 -0.33 0.00	22.71 -0.35 0.00	21.55 -0.37 0.00	21.45 -0.35 0.00	22.09 -0.31 0.00	23.82 -0.31 0.00	26.38 -0.18 -0.07	25.58 -0.13 -0.17	25.47 -0.18 -0.14	25.36 -0.10 0.00	25.10 -0.20 0.00	24.70 0.05 0.00	23.74 -0.09 0.00	23.66 -0.14 0.00	23.71 -0.14 0.00	23.88 -0.12 0.00	25.81 -0.03 0.00	26.23 -0.21 0.00	25.37 -0.33 -0.09	25.07 -0.33 0.00	24.94 -0.35 0.00	24.09 -0.37 0.00	22.84 -0.37 0.00	23.10 -0.35 0.00
BEEBEE_GT_13 23619	22.10 -1.77 0.00	21.42 -1.64 0.00	20.30 -1.62 0.00	20.17 -1.64 0.00	20.82 -1.59 0.00	22.64 -1.50 0.00	24.33 -1.35 0.82	22.33 -1.23 1.98	20.53 -1.30 3.68	20.39 -1.35 3.71	20.17 -1.54 3.59	21.04 -1.70 1.91	20.55 -1.67 1.61	19.61 -1.74 2.46	19.84 -1.81 2.20	20.01 -1.82 2.17	16.66 -1.63 7.55	21.48 -1.19 3.77	20.76 -1.15 3.71	23.37 -1.47 0.55	23.22 -1.64 0.42	22.65 -1.79 0.02	21.54 -1.67 0.00	21.90 -1.55 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.66 1.79 0.00	24.67 1.61 0.00	23.48 1.56 0.00	23.29 1.48 0.00	23.95 1.55 0.00	25.90 1.76 0.00	30.26 2.31 -1.46	31.77 2.53 -3.70	31.21 2.55 -3.15	29.17 2.55 -1.17	28.07 2.38 -0.39	26.73 2.00 -0.08	25.72 1.88 0.00	25.69 1.88 0.00	25.71 1.86 0.00	25.97 1.97 0.00	28.34 2.51 0.00	29.24 2.80 0.00	30.48 2.79 -2.07	28.08 2.59 -0.09	27.54 2.25 0.00	26.46 2.01 0.00	25.12 1.90 0.00	25.12 1.67 0.00
BETHLEHEM___GRP 23843	24.71 0.84 0.00	23.84 0.78 0.00	22.71 0.79 0.00	22.57 0.76 0.00	23.19 0.78 0.00	25.03 0.89 0.00	29.54 1.25 -1.80	30.87 0.77 -4.56	30.13 0.74 -3.88	26.20 0.74 0.00	25.89 0.58 0.00	25.05 0.39 0.00	24.29 0.45 0.00	24.26 0.45 0.00	24.33 0.48 0.00	24.50 0.50 0.00	26.46 0.62 0.00	27.23 0.79 0.00	28.94 0.77 -2.56	26.30 0.79 -0.12	26.00 0.71 0.00	25.12 0.66 0.00	23.93 0.72 0.00	24.16 0.70 0.00
BETHLEHEM___GS1 323560	24.70 0.84 0.00	23.88 0.83 0.00	22.71 0.79 0.00	22.57 0.76 0.00	23.19 0.78 0.00	25.10 0.97 0.00	29.55 1.25 -1.80	30.87 0.77 -4.56	30.13 0.74 -3.88	26.20 0.74 0.00	25.89 0.58 0.00	25.04 0.39 0.00	24.28 0.45 0.00	24.26 0.45 0.00	24.33 0.48 0.00	24.51 0.50 0.00	26.48 0.65 0.00	27.23 0.79 0.00	28.94 0.77 -2.56	26.30 0.79 -0.12	26.08 0.78 0.00	25.12 0.66 0.00	23.93 0.72 0.00	24.15 0.70 0.00
BETHLEHEM___GS2 323561	24.70 0.84 0.00	23.88 0.83 0.00	22.71 0.79 0.00	22.57 0.76 0.00	23.19 0.78 0.00	25.10 0.97 0.00	29.55 1.25 -1.80	30.87 0.77 -4.56	30.13 0.74 -3.88	26.20 0.74 0.00	25.89 0.58 0.00	25.04 0.39 0.00	24.28 0.45 0.00	24.26 0.45 0.00	24.33 0.48 0.00	24.51 0.50 0.00	26.48 0.65 0.00	27.23 0.79 0.00	28.94 0.77 -2.56	26.30 0.79 -0.12	26.08 0.78 0.00	25.12 0.66 0.00	23.93 0.72 0.00	24.15 0.70 0.00
BETHLEHEM___GS3 323562	24.70 0.84 0.00	23.88 0.83 0.00	22.71 0.79 0.00	22.57 0.76 0.00	23.19 0.78 0.00	25.10 0.97 0.00	29.55 1.25 -1.80	30.87 0.77 -4.56	30.13 0.74 -3.88	26.20 0.74 0.00	25.89 0.58 0.00	25.04 0.39 0.00	24.28 0.45 0.00	24.26 0.45 0.00	24.33 0.48 0.00	24.51 0.50 0.00	26.48 0.65 0.00	27.23 0.79 0.00	28.94 0.77 -2.56	26.30 0.79 -0.12	26.08 0.78 0.00	25.12 0.66 0.00	23.93 0.72 0.00	24.15 0.70 0.00
BETHLEHEM___STEEL 23779	21.29 -2.58 0.00	20.61 -2.44 0.00	19.58 -2.35 0.00	19.49 -2.31 0.00	20.12 -2.29 0.00	22.20 -1.93 0.01	23.90 -1.88 0.72	22.37 -1.48 1.69	20.71 -1.61 3.19	20.59 -1.60 3.26	20.30 -1.85 3.16	20.99 -1.97 1.69	20.46 -1.95 1.42	19.62 -2.02 2.16	19.79 -2.12 1.94	19.95 -2.14 1.91	17.35 -1.89 6.60	21.71 -1.43 3.30	20.95 -1.46 3.21	22.58 -2.54 0.28	22.27 -2.81 0.22	21.59 -2.86 0.01	20.87 -2.34 0.00	21.25 -2.20 0.00
BETHLHEM_115KV_TB1 79974	24.73 0.86 0.00	23.86 0.81 0.00	22.73 0.81 0.00	22.59 0.78 0.00	23.21 0.81 0.00	25.05 0.92 0.00	29.57 1.27 -1.80	30.89 0.79 -4.56	30.16 0.77 -3.88	26.22 0.76 0.00	25.91 0.61 0.00	25.07 0.42 0.00	24.31 0.48 0.00	24.28 0.48 0.00	24.35 0.50 0.00	24.50 0.50 0.00	26.48 0.65 0.00	27.29 0.85 0.00	29.02 0.85 -2.56	26.35 0.84 -0.12	26.05 0.76 0.00	25.17 0.71 0.00	23.93 0.72 0.00	24.16 0.70 0.00
BETHPAGE_CC_5 323564	31.29 1.96 -5.46	25.75 1.82 -0.88	23.68 1.75 0.00	23.48 1.68 0.00	24.16 1.75 0.00	31.38 2.10 -5.15	39.21 2.65 -10.07	37.01 2.83 -8.63	38.78 2.86 -10.41	32.95 2.78 -4.72	27.91 2.61 0.00	26.72 2.07 0.00	25.83 2.00 0.00	25.92 2.12 0.00	26.95 2.10 -1.00	29.57 2.18 -3.39	32.26 2.66 -3.76	38.12 2.99 -8.69	37.54 2.97 -8.96	33.73 2.77 -5.56	32.75 2.55 -4.90	31.60 2.23 -4.91	28.34 2.04 -3.08	27.11 1.83 -1.82
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.32 -2.55 0.00	20.66 -2.40 0.00	19.60 -2.32 0.00	19.51 -2.29 0.00	20.17 -2.24 0.00	22.30 -1.83 0.01	24.05 -1.78 0.67	22.60 -1.35 1.59	21.00 -1.48 3.03	20.85 -1.48 3.13	20.53 -1.75 3.03	21.16 -1.87 1.62	20.63 -1.84 1.36	19.83 -1.90 2.07	19.99 -2.00 1.86	20.15 -2.02 1.83	17.73 -1.78 6.33	21.95 -1.32 3.16	21.22 -1.33 3.06	22.57 -2.57 0.26	22.25 -2.83 0.21	21.59 -2.86 0.01	20.89 -2.32 0.00	21.27 -2.18 0.00



BINGHAMTON___COGEN 23790	23.68 -0.19 0.00	22.87 -0.18 0.00	21.72 -0.20 0.00	21.61 -0.20 0.00	22.25 -0.16 0.00	24.18 0.05 0.00	27.91 0.29 -1.12	28.60 0.41 -2.65	29.20 0.33 -3.36	27.81 0.31 -2.05	27.44 0.15 -1.99	25.66 -0.05 -1.06	24.68 -0.05 -0.89	25.09 -0.07 -1.36	24.98 -0.10 -1.22	25.13 -0.07 -1.20	30.19 0.10 -4.24	28.98 0.42 -2.12	28.97 0.41 -2.94	25.76 0.00 -0.37	25.39 -0.15 -0.25	24.22 -0.24 -0.01	23.05 -0.16 0.00	23.29 -0.16 0.00
BIXINCNT_115KV_LOAD 355685	20.98 -2.89 0.00	20.36 -2.70 0.00	19.29 -2.63 0.00	19.30 -2.51 0.00	19.94 -2.46 0.00	22.20 -1.93 0.01	24.14 -1.91 0.45	23.14 -1.33 1.07	21.87 -1.43 2.21	21.66 -1.37 2.43	21.18 -1.77 2.35	21.47 -1.92 1.25	20.92 -1.86 1.06	20.25 -1.95 1.61	20.34 -2.08 1.44	20.47 -2.11 1.42	19.12 -1.83 4.89	22.65 -1.35 2.44	22.02 -1.33 2.27	22.26 -2.97 0.17	21.87 -3.29 0.14	21.25 -3.20 0.01	20.66 -2.55 0.00	20.99 -2.46 0.00
BLACK RIVER___HYD 24047	23.65 -0.22 0.00	22.82 -0.23 0.00	21.61 -0.31 0.00	21.54 -0.26 0.00	22.18 -0.22 0.00	23.97 -0.17 0.00	26.67 0.08 -0.09	25.95 0.18 -0.23	25.76 0.05 -0.20	25.56 0.10 0.00	25.23 -0.08 0.00	24.68 0.02 0.00	23.71 -0.12 0.00	23.64 -0.17 0.00	23.69 -0.17 0.00	23.88 -0.12 0.00	25.92 0.08 0.00	26.55 0.11 0.00	25.75 0.00 -0.13	25.30 -0.10 -0.01	25.14 -0.15 0.00	24.24 -0.22 0.00	22.96 -0.25 0.00	23.24 -0.21 0.00
BLACKRVR_115KV_TB2 79977	23.68 -0.19 0.00	22.82 -0.23 0.00	21.64 -0.28 0.00	21.56 -0.24 0.00	22.18 -0.22 0.00	23.99 -0.14 0.00	26.69 0.11 -0.09	25.95 0.18 -0.23	25.76 0.05 -0.20	25.56 0.10 0.00	25.23 -0.08 0.00	24.68 0.02 0.00	23.71 -0.12 0.00	23.64 -0.17 0.00	23.69 -0.17 0.00	23.88 -0.12 0.00	25.92 0.08 0.00	26.54 0.11 0.00	25.75 0.00 -0.13	25.33 -0.08 -0.01	25.14 -0.15 0.00	24.24 -0.22 0.00	22.96 -0.26 0.00	23.24 -0.21 0.00
BLISS_WT_PWR 323608	20.84 -3.03 0.00	20.33 -2.72 0.00	19.29 -2.63 0.00	19.34 -2.46 0.00	20.01 -2.40 0.00	21.98 -2.15 0.01	23.95 -2.09 0.45	22.99 -1.48 1.07	21.74 -1.56 2.21	21.53 -1.50 2.43	20.96 -2.00 2.35	21.25 -2.14 1.25	20.70 -2.07 1.06	20.03 -2.17 1.61	20.17 -2.24 1.44	20.28 -2.30 1.42	18.83 -1.99 5.01	22.43 -1.51 2.51	21.81 -1.46 2.34	22.02 -3.20 0.18	21.71 -3.44 0.15	21.07 -3.38 0.01	20.36 -2.86 0.00	20.85 -2.60 0.00
BLUESTONE___WT_PWR 323821	25.33 1.46 0.00	24.39 1.34 0.00	23.08 1.16 0.00	23.00 1.20 0.00	23.73 1.32 0.00	25.83 1.69 0.00	29.90 2.28 -1.12	30.57 2.35 -2.68	30.97 2.12 -3.34	29.57 2.14 -1.97	29.06 1.85 -1.91	27.15 1.48 -1.02	26.02 1.33 -0.86	26.47 1.36 -1.31	26.36 1.33 -1.17	26.57 1.42 -1.15	31.86 1.86 -4.16	30.92 2.41 -2.08	30.86 2.41 -2.96	27.63 1.88 -0.36	27.28 1.74 -0.24	26.01 1.54 -0.01	24.53 1.32 0.00	24.79 1.34 0.00
BLUE_CIRC_CHEM_DRP 24182	24.80 0.93 0.00	23.93 0.88 0.00	22.78 0.85 0.00	22.63 0.83 0.00	23.26 0.85 0.00	25.13 0.99 0.00	29.57 1.30 -1.77	31.12 1.10 -4.48	30.40 1.07 -3.81	26.48 1.02 0.00	26.19 0.89 0.00	25.32 0.67 0.00	24.52 0.69 0.00	24.50 0.69 0.00	24.57 0.72 0.00	24.74 0.74 0.00	26.77 0.93 0.00	27.50 1.06 0.00	29.18 1.05 -2.51	26.53 1.02 -0.11	26.25 0.96 0.00	25.36 0.90 0.00	24.09 0.88 0.00	24.27 0.82 0.00
BOC_GAS_DRP 24189	24.59 0.72 0.00	23.72 0.67 0.00	22.58 0.66 0.00	22.43 0.63 0.00	23.06 0.65 0.00	24.91 0.77 0.00	29.35 1.06 -1.79	31.05 0.97 -4.54	30.34 0.97 -3.86	26.40 0.94 0.00	26.11 0.81 0.00	25.27 0.62 0.00	24.45 0.62 0.00	24.43 0.62 0.00	24.50 0.64 0.00	24.67 0.67 0.00	26.69 0.85 0.00	27.42 0.98 0.00	29.13 0.97 -2.54	26.45 0.94 -0.11	26.13 0.83 0.00	25.21 0.76 0.00	23.91 0.70 0.00	24.09 0.63 0.00
BOONVILLE_115KV_TB1 79983	24.25 0.38 0.00	23.38 0.32 0.00	22.18 0.26 0.00	22.09 0.28 0.00	22.72 0.31 0.00	24.60 0.46 0.00	27.27 0.72 -0.05	26.39 0.72 -0.14	26.27 0.64 -0.12	26.12 0.66 0.00	25.76 0.46 0.00	25.22 0.57 0.00	24.31 0.48 0.00	24.28 0.48 0.00	24.33 0.48 0.00	24.48 0.48 0.00	26.51 0.67 0.00	27.13 0.69 0.00	26.28 0.59 -0.08	25.91 0.51 0.00	25.72 0.43 0.00	24.82 0.37 0.00	23.51 0.30 0.00	23.73 0.28 0.00
BORALEX_4TH_BRANCH 23824	25.13 1.27 0.00	24.25 1.20 0.00	23.08 1.16 0.00	22.94 1.13 0.00	23.57 1.17 0.00	25.51 1.38 0.00	30.09 1.80 -1.80	31.90 1.81 -4.55	31.29 1.91 -3.87	27.26 1.81 0.00	26.92 1.62 0.00	25.91 1.26 0.00	25.12 1.29 0.00	25.07 1.26 0.00	25.21 1.36 0.00	25.37 1.37 0.00	27.49 1.65 0.00	28.37 1.93 0.00	30.11 1.95 -2.55	27.34 1.83 -0.12	26.99 1.69 0.00	26.00 1.54 0.00	24.49 1.28 0.00	24.51 1.06 0.00
BOWLINE___1 23526	25.13 1.26 0.00	24.21 1.15 0.00	23.02 1.10 0.00	22.87 1.07 0.00	23.51 1.10 0.00	25.51 1.38 0.00	29.72 1.80 -1.42	31.10 1.97 -3.59	30.56 1.99 -3.06	27.37 1.91 0.00	27.07 1.77 0.00	26.06 1.40 0.00	25.19 1.36 0.00	25.16 1.36 0.00	25.19 1.33 0.00	25.39 1.39 0.00	27.62 1.78 0.00	28.50 2.06 0.00	29.70 2.07 -2.01	27.42 1.93 -0.09	27.01 1.72 0.00	25.90 1.44 0.00	24.51 1.30 0.00	24.55 1.10 0.00
BOWLINE___2 23595	25.13 1.26 0.00	24.21 1.15 0.00	23.02 1.10 0.00	22.87 1.07 0.00	23.51 1.10 0.00	25.51 1.38 0.00	29.72 1.80 -1.42	31.12 1.99 -3.59	30.56 1.99 -3.06	27.37 1.91 0.00	27.07 1.77 0.00	26.06 1.40 0.00	25.19 1.36 0.00	25.16 1.36 0.00	25.19 1.33 0.00	25.39 1.39 0.00	27.62 1.78 0.00	28.50 2.06 0.00	29.70 2.07 -2.01	27.42 1.93 -0.09	27.01 1.72 0.00	25.90 1.44 0.00	24.51 1.30 0.00	24.55 1.10 0.00
BRADY___115KV_TB2 356060	23.97 0.10 0.00	23.26 0.21 0.00	22.08 0.15 0.00	22.00 0.20 0.00	22.59 0.18 0.00	24.06 -0.07 0.00	26.05 -0.45 0.00	25.10 -0.43 0.00	25.10 -0.41 0.00	25.23 -0.23 0.00	25.28 -0.03 0.00	24.92 0.27 0.00	23.95 0.12 0.00	23.90 0.10 0.00	23.93 0.07 0.00	24.02 0.02 0.00	25.63 -0.21 0.00	25.86 -0.58 0.00	24.90 -0.72 0.00	24.97 -0.43 0.00	25.04 -0.25 0.00	24.31 -0.15 0.00	23.12 -0.09 0.00	23.55 0.09 0.00
BRANSCOMB___SOLAR 323811	25.04 1.17 0.00	24.16 1.11 0.00	22.95 1.03 0.00	22.83 1.02 0.00	23.48 1.08 0.00	25.44 1.30 0.00	30.07 1.72 -1.85	31.93 1.71 -4.68	31.17 1.68 -3.98	26.96 1.50 0.00	26.62 1.31 0.00	25.69 1.04 0.00	24.88 1.05 0.00	24.81 1.00 0.00	24.90 1.05 0.00	25.08 1.08 0.00	27.28 1.45 0.00	28.11 1.67 0.00	29.92 1.69 -2.62	27.07 1.55 -0.12	26.86 1.57 0.00	25.85 1.39 0.00	24.42 1.21 0.00	24.48 1.03 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.57 2.24 -5.46	26.03 2.10 -0.88	23.96 2.04 0.00	23.74 1.94 0.00	24.42 2.02 0.00	31.70 2.41 -5.15	39.67 3.10 -10.07	37.44 3.27 -8.63	39.18 3.27 -10.41	33.36 3.18 -4.72	28.24 2.94 0.00	27.07 2.42 0.00	26.12 2.29 0.00	26.23 2.43 0.00	27.26 2.41 -1.00	29.89 2.50 -3.39	32.65 3.05 -3.76	38.59 3.46 -8.69	37.98 3.41 -8.96	34.14 3.17 -5.56	33.05 2.86 -4.90	31.96 2.59 -4.92	28.64 2.34 -3.08	27.39 2.11 -1.82



BRISTLHL_115KV_TB1 79998	22.99 -0.88 0.00	22.20 -0.85 0.00	21.11 -0.81 0.00	20.97 -0.83 0.00	21.60 -0.81 0.00	23.36 -0.77 0.00	26.23 -0.69 -0.42	25.95 -0.66 -1.08	26.31 -0.69 -1.49	25.78 -0.74 -1.06	25.49 -0.84 -1.03	24.26 -0.94 -0.55	23.39 -0.91 -0.46	23.58 -0.93 -0.70	23.55 -0.93 -0.63	23.68 -0.94 -0.62	27.06 -0.85 -2.07	26.87 -0.61 -1.04	26.30 -0.61 -1.30	24.80 -0.76 -0.16	24.55 -0.86 -0.11	23.56 -0.90 0.00	22.40 -0.81 0.00	22.75 -0.70 0.00
BROOKHAVEN___DRP 24191	31.60 2.27 -5.46	26.05 2.12 -0.88	23.98 2.06 0.00	23.76 1.96 0.00	24.45 2.04 0.00	31.70 2.41 -5.15	39.69 3.13 -10.07	37.47 3.29 -8.63	39.24 3.32 -10.41	33.38 3.21 -4.72	28.29 2.99 0.00	27.04 2.39 0.00	26.12 2.29 0.00	26.23 2.43 0.00	27.29 2.43 -1.00	29.84 2.45 -3.39	32.59 3.00 -3.76	38.62 3.49 -8.69	37.98 3.41 -8.96	34.11 3.15 -5.56	33.08 2.88 -4.90	32.01 2.64 -4.92	28.61 2.32 -3.08	27.34 2.06 -1.82
BROOKLYN_NAVY_YARD 23515	25.33 1.46 0.00	24.37 1.31 0.00	23.19 1.27 0.00	23.02 1.22 0.00	23.66 1.25 0.00	25.71 1.57 0.00	30.00 2.04 -1.46	31.56 2.32 -3.70	31.00 2.35 -3.15	28.93 2.32 -1.16	27.84 2.15 -0.38	26.51 1.78 -0.08	25.52 1.69 0.00	25.50 1.69 0.00	25.55 1.69 0.00	25.75 1.75 0.00	28.03 2.20 0.00	28.92 2.48 0.00	30.17 2.48 -2.07	27.78 2.29 -0.09	27.37 2.07 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.81 1.36 0.00
BROOKLYN___ARMY_DRP 323595	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
BROOKVLE_69_KV_TB1 55790	31.50 2.17 -5.46	25.94 2.01 -0.88	23.87 1.95 0.00	23.66 1.85 0.00	24.33 1.93 0.00	31.58 2.29 -5.15	39.53 2.97 -10.07	37.31 3.14 -8.63	39.11 3.19 -10.41	33.28 3.11 -4.72	28.19 2.88 0.00	27.02 2.37 0.00	26.07 2.24 0.00	26.19 2.38 0.00	27.21 2.36 -1.00	29.81 2.42 -3.39	32.57 2.97 -3.76	38.33 3.20 -8.69	37.77 3.20 -8.96	34.03 3.07 -5.56	32.95 2.76 -4.90	31.84 2.47 -4.91	28.57 2.27 -3.08	27.34 2.06 -1.82
BROOME_2_LFGE 323671	23.68 -0.19 0.00	22.89 -0.16 0.00	21.75 -0.18 0.00	21.63 -0.18 0.00	22.27 -0.13 0.00	24.16 0.02 0.00	27.91 0.29 -1.12	28.60 0.41 -2.65	29.20 0.33 -3.36	27.79 0.28 -2.05	27.42 0.13 -1.99	25.66 -0.05 -1.06	24.65 -0.07 -0.89	25.09 -0.07 -1.36	24.98 -0.10 -1.22	25.13 -0.07 -1.20	30.36 0.10 -4.41	29.06 0.42 -2.20	29.07 0.41 -3.05	25.78 0.00 -0.38	25.43 -0.13 -0.26	24.22 -0.24 -0.01	23.00 -0.21 0.00	23.29 -0.16 0.00
BROOME___LFGE 323600	23.68 -0.19 0.00	22.89 -0.16 0.00	21.75 -0.18 0.00	21.63 -0.18 0.00	22.27 -0.13 0.00	24.16 0.02 0.00	27.91 0.29 -1.12	28.60 0.41 -2.65	29.20 0.33 -3.36	27.79 0.28 -2.05	27.42 0.13 -1.99	25.66 -0.05 -1.06	24.65 -0.07 -0.89	25.09 -0.07 -1.36	24.98 -0.10 -1.22	25.13 -0.07 -1.20	30.36 0.10 -4.41	29.06 0.42 -2.20	29.07 0.41 -3.05	25.78 0.00 -0.38	25.43 -0.13 -0.26	24.22 -0.24 -0.01	23.00 -0.21 0.00	23.29 -0.16 0.00
BROWNFLS_115KV_TB_3_5 80003	23.42 -0.45 0.00	22.66 -0.39 0.00	21.51 -0.42 0.00	21.43 -0.37 0.00	22.03 -0.38 0.00	23.61 -0.53 0.00	25.88 -0.66 -0.05	25.07 -0.59 -0.12	25.10 -0.51 -0.10	25.10 -0.36 0.00	24.97 -0.33 0.00	24.58 -0.07 0.00	23.55 -0.29 0.00	23.45 -0.36 0.00	23.50 -0.36 0.00	23.62 -0.38 0.00	25.40 -0.44 0.00	25.70 -0.74 0.00	24.83 -0.85 -0.06	24.69 -0.71 0.00	24.63 -0.66 0.00	23.84 -0.61 0.00	22.65 -0.56 0.00	23.03 -0.42 0.00
BROWNSV1_27_KV_LOAD 356125	25.54 1.67 0.00	24.55 1.50 0.00	23.39 1.47 0.00	23.22 1.42 0.00	23.86 1.46 0.00	25.88 1.74 0.00	30.29 2.33 -1.46	31.82 2.58 -3.70	31.26 2.60 -3.15	29.21 2.60 -1.16	28.09 2.40 -0.38	26.76 2.02 -0.08	25.74 1.91 0.00	25.73 1.93 0.00	25.76 1.91 0.00	25.99 1.99 0.00	28.29 2.45 0.00	29.19 2.75 0.00	30.45 2.77 -2.07	28.06 2.57 -0.09	27.54 2.25 0.00	26.46 2.01 0.00	25.07 1.86 0.00	25.02 1.57 0.00
BURROWS___LYONSDAL 23803	24.06 0.19 0.00	23.21 0.16 0.00	22.03 0.11 0.00	21.93 0.13 0.00	22.56 0.16 0.00	24.43 0.29 0.00	27.06 0.50 -0.06	26.19 0.51 -0.14	26.07 0.43 -0.12	25.94 0.48 0.00	25.61 0.30 0.00	25.12 0.47 0.00	24.21 0.38 0.00	24.16 0.36 0.00	24.21 0.36 0.00	24.38 0.38 0.00	26.38 0.54 0.00	26.92 0.48 0.00	26.08 0.38 -0.08	25.71 0.30 0.00	25.55 0.25 0.00	24.65 0.20 0.00	23.35 0.14 0.00	23.59 0.14 0.00
CAITHNESS_CC_1 323624	31.57 2.24 -5.46	26.03 2.10 -0.88	23.94 2.02 0.00	23.72 1.92 0.00	24.40 1.99 0.00	31.67 2.39 -5.15	39.58 3.02 -10.07	37.39 3.22 -8.63	39.13 3.21 -10.41	33.30 3.13 -4.72	28.24 2.93 0.00	26.97 2.32 0.00	26.07 2.24 0.00	26.16 2.36 0.00	27.21 2.36 -1.00	29.77 2.38 -3.39	32.52 2.92 -3.76	38.43 3.30 -8.69	37.90 3.33 -8.96	34.01 3.05 -5.56	33.05 2.86 -4.90	31.91 2.54 -4.92	28.54 2.25 -3.08	27.27 1.99 -1.82
CALPINE BETH_PAGE_GT4 24209	31.21 1.89 -5.46	25.66 1.73 -0.88	23.61 1.69 0.00	23.39 1.59 0.00	24.07 1.66 0.00	31.29 2.00 -5.15	39.16 2.60 -10.07	36.96 2.78 -8.63	38.70 2.78 -10.41	32.87 2.70 -4.72	27.81 2.51 0.00	26.67 2.02 0.00	25.74 1.91 0.00	25.88 2.07 0.00	26.90 2.05 -1.00	29.50 2.11 -3.39	32.21 2.61 -3.76	38.04 2.91 -8.69	37.49 2.92 -8.96	33.68 2.72 -5.56	32.62 2.43 -4.90	31.55 2.18 -4.91	28.27 1.97 -3.08	27.03 1.76 -1.82
CALPINE_BETH_PAGE_GT_4 323586	31.24 1.91 -5.46	25.71 1.78 -0.88	23.63 1.71 0.00	23.44 1.64 0.00	24.09 1.68 0.00	31.31 2.03 -5.15	39.16 2.60 -10.07	36.96 2.78 -8.63	38.70 2.78 -10.41	32.87 2.70 -4.72	27.83 2.53 0.00	26.67 2.02 0.00	25.76 1.93 0.00	25.85 2.05 0.00	26.90 2.05 -1.00	29.50 2.11 -3.39	32.21 2.61 -3.76	38.06 2.93 -8.69	37.49 2.92 -8.96	33.68 2.72 -5.56	32.68 2.48 -4.90	31.55 2.18 -4.91	28.26 1.97 -3.08	27.06 1.78 -1.82
CALPINE_BP_GT1 23823	31.24 1.91 -5.46	25.71 1.78 -0.88	23.63 1.71 0.00	23.44 1.64 0.00	24.09 1.68 0.00	31.31 2.03 -5.15	39.16 2.60 -10.07	36.96 2.78 -8.63	38.70 2.78 -10.41	32.87 2.70 -4.72	27.83 2.53 0.00	26.67 2.02 0.00	25.76 1.93 0.00	25.85 2.05 0.00	26.90 2.05 -1.00	29.50 2.11 -3.39	32.21 2.61 -3.76	38.06 2.93 -8.69	37.49 2.92 -8.96	33.68 2.72 -5.56	32.68 2.48 -4.90	31.55 2.18 -4.91	28.26 1.97 -3.08	27.06 1.78 -1.82
CALSPAN___DRP 24200	21.29 -2.58 0.00	20.61 -2.44 0.00	19.58 -2.35 0.00	19.49 -2.31 0.00	20.12 -2.29 0.00	22.20 -1.93 0.01	23.90 -1.88 0.72	22.37 -1.48 1.69	20.71 -1.61 3.19	20.59 -1.60 3.26	20.30 -1.85 3.16	20.99 -1.97 1.69	20.46 -1.95 1.42	19.62 -2.02 2.16	19.79 -2.12 1.94	19.95 -2.14 1.91	17.35 -1.89 6.60	21.71 -1.43 3.30	20.95 -1.46 3.21	22.58 -2.54 0.28	22.27 -2.81 0.22	21.59 -2.86 0.01	20.87 -2.34 0.00	21.25 -2.20 0.00



CALVERTON___SOLAR 323806	31.71 2.39 -5.46	26.19 2.26 -0.88	24.07 2.15 0.00	23.87 2.07 0.00	24.56 2.15 0.00	31.84 2.56 -5.15	39.80 3.23 -10.07	37.59 3.42 -8.63	39.34 3.42 -10.41	33.48 3.31 -4.72	28.41 3.11 0.00	27.14 2.49 0.00	26.24 2.41 0.00	26.31 2.50 0.00	27.36 2.50 -1.00	29.91 2.52 -3.39	32.70 3.10 -3.76	38.65 3.52 -8.69	38.11 3.54 -8.96	34.19 3.23 -5.56	33.25 3.06 -4.90	32.11 2.74 -4.92	28.71 2.41 -3.08	27.41 2.13 -1.82
CANDIGU_WT_PWR 323617	23.13 -0.74 0.00	22.38 -0.67 0.00	21.26 -0.66 0.00	21.19 -0.61 0.00	21.91 -0.49 0.00	23.94 -0.19 0.00	28.26 0.11 -1.65	29.69 0.38 -3.77	31.19 0.20 -5.48	29.85 0.18 -4.22	29.33 -0.05 -4.08	26.55 -0.27 -2.17	25.38 -0.28 -1.83	26.26 -0.33 -2.79	25.97 -0.38 -2.50	26.11 -0.36 -2.46	34.33 0.05 -8.44	31.18 0.53 -4.22	31.10 0.49 -5.00	25.85 -0.23 -0.68	25.38 -0.41 -0.50	23.92 -0.56 -0.02	22.72 -0.49 0.00	23.05 -0.40 0.00
CARR STREET_E_SYR 24060	23.13 -0.74 0.00	22.36 -0.69 0.00	21.24 -0.68 0.00	21.13 -0.68 0.00	21.76 -0.65 0.00	23.51 -0.63 0.00	26.18 -0.48 -0.16	26.06 -0.38 -0.91	26.22 -0.46 -1.17	25.71 -0.48 -0.74	25.41 -0.61 -0.72	24.29 -0.74 -0.38	23.44 -0.71 -0.32	23.56 -0.74 -0.49	23.55 -0.74 -0.44	23.69 -0.74 -0.43	26.72 -0.62 -1.50	26.79 -0.40 -0.75	26.25 -0.38 -1.02	24.93 -0.58 -0.12	24.72 -0.66 -0.08	23.73 -0.73 0.00	22.54 -0.67 0.00	22.89 -0.56 0.00
CARTHAGE___PAPER 23857	23.54 -0.33 0.00	22.71 -0.35 0.00	21.53 -0.39 0.00	21.45 -0.35 0.00	22.09 -0.31 0.00	23.85 -0.29 0.00	26.45 -0.13 -0.08	25.69 -0.05 -0.21	25.56 -0.13 -0.18	25.41 -0.05 0.00	25.13 -0.18 0.00	24.68 0.02 0.00	23.71 -0.12 0.00	23.64 -0.17 0.00	23.69 -0.17 0.00	23.88 -0.12 0.00	25.84 0.00 0.00	26.31 -0.13 0.00	25.50 -0.23 -0.12	25.15 -0.25 -0.01	24.99 -0.30 0.00	24.14 -0.32 0.00	22.89 -0.32 0.00	23.15 -0.31 0.00
CASSADAGA_WT_PWR 323784	21.08 -2.79 0.00	20.36 -2.70 0.00	19.36 -2.56 0.00	19.47 -2.33 0.00	20.06 -2.35 0.00	21.91 -2.22 0.01	24.04 -1.99 0.47	23.10 -1.33 1.11	21.75 -1.48 2.28	21.54 -1.43 2.49	21.15 -1.75 2.41	21.47 -1.90 1.29	20.84 -1.91 1.08	20.21 -1.95 1.65	20.35 -2.03 1.48	20.50 -2.04 1.46	18.94 -1.76 5.14	22.60 -1.27 2.57	21.97 -1.23 2.41	22.65 -2.56 0.18	22.41 -2.73 0.15	21.59 -2.86 0.01	20.73 -2.48 0.00	21.25 -2.21 0.00
CE_DUNWOOD___DRP 24194	25.23 1.36 0.00	24.30 1.24 0.00	23.13 1.21 0.00	22.98 1.18 0.00	23.62 1.21 0.00	25.61 1.47 0.00	29.92 1.96 -1.46	31.40 2.17 -3.69	30.82 2.17 -3.14	27.57 2.11 0.00	27.25 1.95 0.00	26.23 1.58 0.00	25.33 1.50 0.00	25.33 1.52 0.00	25.38 1.53 0.00	25.58 1.58 0.00	27.83 1.99 0.00	28.69 2.25 0.00	29.94 2.25 -2.07	27.60 2.11 -0.09	27.11 1.82 0.00	26.07 1.61 0.00	24.67 1.46 0.00	24.69 1.24 0.00
CE_MILLWOOD___DRP 24193	25.21 1.34 0.00	24.28 1.22 0.00	23.11 1.18 0.00	22.94 1.13 0.00	23.57 1.17 0.00	25.56 1.42 0.00	29.86 1.91 -1.45	31.30 2.09 -3.67	30.75 2.12 -3.12	27.52 2.06 0.00	27.18 1.87 0.00	26.18 1.53 0.00	25.29 1.45 0.00	25.28 1.48 0.00	25.31 1.46 0.00	25.51 1.51 0.00	27.75 1.91 0.00	28.63 2.19 0.00	29.87 2.20 -2.06	27.55 2.06 -0.09	27.06 1.77 0.00	26.02 1.57 0.00	24.63 1.42 0.00	24.65 1.20 0.00
CE_NYC2_DRP 24202	25.44 1.58 0.00	24.48 1.43 0.00	23.30 1.38 0.00	23.13 1.33 0.00	23.80 1.39 0.00	25.73 1.59 0.00	30.05 2.09 -1.46	31.59 2.35 -3.70	31.01 2.35 -3.15	28.97 2.34 -1.17	27.89 2.20 -0.39	26.56 1.82 -0.08	25.55 1.72 0.00	25.54 1.74 0.00	25.57 1.72 0.00	25.80 1.80 0.00	28.09 2.25 0.00	28.98 2.54 0.00	30.22 2.54 -2.07	27.83 2.34 -0.09	27.32 2.02 0.00	26.24 1.79 0.00	24.91 1.69 0.00	24.91 1.45 0.00
CE_NYC_DRP 24195	25.35 1.48 0.00	24.37 1.31 0.00	23.24 1.32 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.68 1.54 0.00	30.05 2.09 -1.46	31.59 2.35 -3.70	31.01 2.35 -3.15	28.96 2.34 -1.16	27.86 2.18 -0.38	26.53 1.80 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.55 1.69 0.00	25.75 1.75 0.00	28.03 2.20 0.00	28.90 2.46 0.00	30.17 2.48 -2.07	27.78 2.29 -0.09	27.29 2.00 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.81 1.36 0.00
CHAFFEE___LFGE 323603	21.34 -2.53 0.00	20.80 -2.26 0.00	19.77 -2.15 0.00	19.71 -2.09 0.00	20.39 -2.02 0.00	22.18 -1.95 0.01	24.09 -1.83 0.58	22.79 -1.38 1.37	21.31 -1.51 2.70	21.09 -1.53 2.84	20.73 -1.82 2.75	21.21 -1.97 1.47	20.64 -1.95 1.24	19.95 -1.98 1.88	20.14 -2.03 1.69	20.30 -2.04 1.66	18.17 -1.81 5.86	22.16 -1.35 2.93	21.45 -1.36 2.81	22.60 -2.56 0.23	22.35 -2.76 0.19	21.61 -2.84 0.01	20.75 -2.46 0.00	21.27 -2.18 0.00
CHATEAUG_35_KV_LOAD 355732	23.99 0.12 0.00	23.19 0.14 0.00	22.03 0.11 0.00	22.00 0.20 0.00	22.54 0.13 0.00	24.04 -0.10 0.00	25.75 -0.74 0.00	24.80 -0.74 0.00	24.69 -0.82 0.00	24.80 -0.66 0.00	25.00 -0.30 0.00	24.80 0.15 0.00	23.86 0.02 0.00	23.93 0.12 0.00	23.93 0.07 0.00	23.95 -0.05 0.00	25.50 -0.34 0.00	25.67 -0.77 0.00	24.49 -1.13 0.00	24.58 -0.81 0.00	24.56 -0.73 0.00	23.72 -0.73 0.00	22.42 -0.79 0.00	22.94 -0.52 0.00
CHATEAUG_WT_PWR 323614	23.97 0.10 0.00	23.15 0.09 0.00	22.01 0.09 0.00	21.96 0.15 0.00	22.50 0.09 0.00	24.07 -0.07 0.00	25.75 -0.74 0.00	24.75 -0.79 0.00	24.67 -0.84 0.00	24.74 -0.71 0.00	24.95 -0.35 0.00	24.73 0.07 0.00	23.78 -0.05 0.00	23.85 0.05 0.00	23.85 0.00 0.00	23.86 -0.14 0.00	25.40 -0.44 0.00	25.59 -0.85 0.00	24.44 -1.18 0.00	24.51 -0.89 0.00	24.38 -0.91 0.00	23.62 -0.83 0.00	22.38 -0.83 0.00	22.87 -0.59 0.00
CHAT_HIGH_FALL_HYD 323578	23.99 0.12 0.00	23.19 0.14 0.00	22.03 0.11 0.00	22.00 0.20 0.00	22.54 0.13 0.00	24.04 -0.10 0.00	25.75 -0.74 0.00	24.80 -0.74 0.00	24.69 -0.82 0.00	24.80 -0.66 0.00	25.00 -0.30 0.00	24.80 0.15 0.00	23.86 0.02 0.00	23.93 0.12 0.00	23.93 0.07 0.00	23.95 -0.05 0.00	25.50 -0.34 0.00	25.67 -0.77 0.00	24.49 -1.13 0.00	24.58 -0.81 0.00	24.56 -0.73 0.00	23.72 -0.73 0.00	22.42 -0.79 0.00	22.94 -0.52 0.00
CHAUTAUQUA___LFGE 323629	21.29 -2.58 0.00	20.70 -2.35 0.00	19.69 -2.24 0.00	19.67 -2.14 0.00	20.32 -2.08 0.00	22.10 -2.03 0.01	24.07 -1.86 0.57	22.84 -1.35 1.34	21.36 -1.51 2.64	21.18 -1.48 2.80	20.82 -1.77 2.71	21.28 -1.92 1.45	20.71 -1.91 1.22	20.00 -1.95 1.85	20.16 -2.03 1.66	20.30 -2.06 1.64	18.29 -1.78 5.76	22.29 -1.27 2.88	21.60 -1.25 2.76	22.76 -2.41 0.22	22.51 -2.60 0.18	21.73 -2.72 0.01	20.80 -2.41 0.00	21.32 -2.13 0.00
CHERRYST_13_KV_LD 356241	25.40 1.53 0.00	24.44 1.38 0.00	23.28 1.36 0.00	23.11 1.31 0.00	23.75 1.34 0.00	25.73 1.59 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.06 2.44 -1.16	27.94 2.25 -0.38	26.61 1.87 -0.08	25.60 1.76 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.82 1.82 0.00	28.11 2.27 0.00	29.00 2.56 0.00	30.25 2.56 -2.07	27.85 2.36 -0.09	27.34 2.05 0.00	26.27 1.81 0.00	24.88 1.67 0.00	24.86 1.41 0.00



CHESTROR_138KV_BK263 355645	24.97 1.10 0.00	24.04 0.99 0.00	22.89 0.96 0.00	22.74 0.94 0.00	23.37 0.96 0.00	25.32 1.18 0.00	29.45 1.59 -1.37	30.73 1.74 -3.46	30.18 1.73 -2.94	27.11 1.65 0.00	26.80 1.49 0.00	25.81 1.16 0.00	24.95 1.12 0.00	24.95 1.14 0.00	24.97 1.12 0.00	25.18 1.18 0.00	27.39 1.55 0.00	28.24 1.80 0.00	29.37 1.82 -1.94	27.16 1.68 -0.09	26.73 1.44 0.00	25.73 1.27 0.00	24.35 1.14 0.00	24.41 0.96 0.00
CH_MIDHUDSON___DRP 24192	25.18 1.31 0.00	24.28 1.22 0.00	23.11 1.18 0.00	22.96 1.16 0.00	23.60 1.19 0.00	25.56 1.42 0.00	29.86 1.85 -1.50	31.31 1.97 -3.81	30.74 1.99 -3.24	27.34 1.88 0.00	27.02 1.72 0.00	26.01 1.36 0.00	25.14 1.31 0.00	25.14 1.33 0.00	25.19 1.34 0.00	25.39 1.39 0.00	27.65 1.81 0.00	28.47 2.04 0.00	29.80 2.05 -2.13	27.42 1.93 -0.10	27.01 1.72 0.00	26.00 1.54 0.00	24.58 1.37 0.00	24.62 1.17 0.00
CH_MISC_IPPS 23765	25.35 1.48 0.00	24.39 1.34 0.00	23.21 1.29 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.71 1.57 0.00	29.96 1.99 -1.48	31.39 2.12 -3.74	30.81 2.12 -3.18	27.44 1.99 0.00	27.13 1.82 0.00	26.08 1.43 0.00	25.21 1.38 0.00	25.19 1.38 0.00	25.24 1.38 0.00	25.47 1.46 0.00	27.75 1.91 0.00	28.61 2.17 0.00	29.88 2.18 -2.09	27.55 2.06 -0.09	27.16 1.87 0.00	26.07 1.61 0.00	24.65 1.44 0.00	24.72 1.27 0.00
CH_RES_BVR_FALLS 23983	23.39 -0.48 0.00	22.61 -0.44 0.00	21.50 -0.42 0.00	21.41 -0.39 0.00	21.98 -0.43 0.00	23.58 -0.55 0.00	25.68 -0.82 0.00	24.72 -0.82 0.00	24.75 -0.76 0.00	24.77 -0.69 0.00	24.77 -0.53 0.00	24.36 -0.29 0.00	23.55 -0.28 0.00	23.54 -0.26 0.00	23.62 -0.24 0.00	23.74 -0.26 0.00	25.35 -0.49 0.00	25.70 -0.74 0.00	24.79 -0.82 0.00	24.71 -0.68 0.00	24.56 -0.73 0.00	23.85 -0.61 0.00	22.68 -0.53 0.00	22.91 -0.54 0.00
CH_RES_NIAGARA 23895	20.69 -3.17 0.00	20.19 -2.86 0.00	19.31 -2.61 0.00	19.12 -2.68 0.00	19.76 -2.64 0.00	21.31 -2.82 0.01	22.74 -2.86 0.90	20.77 -2.66 2.11	18.88 -2.78 3.85	18.83 -2.80 3.83	18.56 -3.04 3.70	19.59 -3.08 1.98	19.09 -3.07 1.67	18.18 -3.09 2.53	18.36 -3.22 2.28	18.47 -3.29 2.24	14.89 -3.10 7.85	19.93 -2.59 3.92	19.15 -2.56 3.90	21.92 -3.12 0.35	21.70 -3.31 0.28	21.05 -3.40 0.01	20.01 -3.20 0.00	20.61 -2.84 0.00
CH_RES_SYRACUSE 23985	23.30 -0.57 0.00	22.52 -0.53 0.00	21.40 -0.53 0.00	21.28 -0.52 0.00	21.91 -0.49 0.00	23.68 -0.46 0.00	27.11 -0.29 -0.91	27.61 -0.23 -2.30	28.70 -0.26 -3.44	27.91 -0.30 -2.76	27.54 -0.43 -2.67	25.53 -0.54 -1.42	24.48 -0.55 -1.20	25.09 -0.55 -1.83	24.92 -0.57 -1.64	25.06 -0.55 -1.61	31.03 -0.44 -5.63	29.04 -0.21 -2.81	28.64 -0.21 -3.23	25.44 -0.38 -0.42	25.15 -0.45 -0.31	23.93 -0.54 -0.01	22.70 -0.51 0.00	23.05 -0.40 0.00
CLINTON_WT_PWR 323605	23.97 0.10 0.00	23.15 0.09 0.00	22.01 0.09 0.00	21.96 0.15 0.00	22.50 0.09 0.00	24.07 -0.07 0.00	25.75 -0.74 0.00	24.75 -0.79 0.00	24.67 -0.84 0.00	24.74 -0.71 0.00	24.95 -0.35 0.00	24.73 0.07 0.00	23.78 -0.05 0.00	23.85 0.05 0.00	23.85 0.00 0.00	23.86 -0.14 0.00	25.40 -0.44 0.00	25.59 -0.85 0.00	24.44 -1.18 0.00	24.51 -0.89 0.00	24.38 -0.91 0.00	23.62 -0.83 0.00	22.38 -0.83 0.00	22.87 -0.59 0.00
CLINTON___LFGE 323618	24.30 0.43 0.00	23.45 0.39 0.00	22.29 0.37 0.00	22.26 0.46 0.00	22.81 0.40 0.00	24.43 0.29 0.00	26.07 -0.42 0.00	25.08 -0.46 0.00	24.97 -0.54 0.00	25.08 -0.38 0.00	25.25 -0.05 0.00	25.04 0.39 0.00	24.10 0.26 0.00	24.19 0.38 0.00	24.16 0.31 0.00	24.17 0.17 0.00	25.79 -0.05 0.00	26.02 -0.42 0.00	24.77 -0.84 0.00	24.89 -0.51 0.00	24.74 -0.56 0.00	23.94 -0.51 0.00	22.65 -0.56 0.00	23.22 -0.23 0.00
COBBLENY_34_KV_TB1 80064	21.32 -2.55 0.00	20.66 -2.40 0.00	19.60 -2.32 0.00	19.51 -2.29 0.00	20.17 -2.24 0.00	22.27 -1.86 0.01	24.11 -1.80 0.58	22.79 -1.38 1.37	21.31 -1.51 2.70	21.11 -1.50 2.84	20.78 -1.77 2.75	21.28 -1.90 1.47	20.74 -1.86 1.24	20.00 -1.93 1.88	20.14 -2.03 1.69	20.30 -2.04 1.66	18.30 -1.81 5.73	22.25 -1.32 2.87	21.55 -1.33 2.73	22.66 -2.51 0.22	22.33 -2.78 0.18	21.61 -2.84 0.01	20.89 -2.32 0.00	21.27 -2.18 0.00
COFFEEN___115KV_TB3 355620	23.87 0.00 0.00	22.98 -0.07 0.00	21.77 -0.15 0.00	21.69 -0.11 0.00	22.34 -0.07 0.00	24.19 0.05 0.00	26.93 0.34 -0.09	26.18 0.41 -0.24	25.97 0.26 0.00	25.79 0.33 0.00	25.43 0.13 0.00	24.82 0.17 0.00	23.86 0.02 0.00	23.78 -0.02 0.00	23.83 -0.02 0.00	24.05 0.05 0.00	26.12 0.28 0.00	26.81 0.37 0.00	25.98 0.23 -0.13	25.53 0.13 -0.01	25.34 0.05 0.00	24.43 -0.02 0.00	23.12 -0.09 0.00	23.40 -0.05 0.00
COLDSPRG_115KV_BK1 355956	21.65 -2.22 0.00	20.86 -2.19 0.00	19.80 -2.13 0.00	19.80 -2.01 0.00	20.46 -1.95 0.00	22.76 -1.38 0.01	24.99 -1.19 0.31	24.27 -0.51 0.76	23.11 -0.69 1.72	22.82 -0.64 2.00	22.43 -0.94 1.93	22.48 -1.13 1.03	21.84 -1.12 0.87	21.32 -1.17 1.32	21.38 -1.29 1.19	21.58 -1.25 1.17	20.85 -0.98 4.01	23.93 -0.50 2.00	23.36 -0.46 1.79	23.18 -2.11 0.11	22.82 -2.38 0.10	22.03 -2.42 0.00	21.40 -1.81 0.00	21.74 -1.71 0.00
COLONIE_LFGE___ 323577	24.90 1.03 0.00	24.02 0.97 0.00	22.84 0.92 0.00	22.70 0.89 0.00	23.35 0.94 0.00	25.27 1.13 0.00	29.81 1.48 -1.83	31.56 1.40 -4.62	30.87 1.43 -3.93	26.81 1.35 0.00	26.49 1.19 0.00	25.56 0.91 0.00	24.76 0.93 0.00	24.71 0.90 0.00	24.83 0.98 0.00	24.99 0.98 0.00	27.08 1.24 0.00	27.89 1.45 0.00	29.66 1.46 -2.59	26.86 1.35 -0.12	26.63 1.34 0.00	25.63 1.17 0.00	24.21 1.00 0.00	24.29 0.84 0.00
COOPERNY_115KV_TB1 80082	24.68 0.81 0.00	23.77 0.71 0.00	22.62 0.70 0.00	22.48 0.68 0.00	23.12 0.72 0.00	25.03 0.89 0.00	28.86 1.25 -1.11	29.71 1.35 -2.82	29.26 1.35 -2.40	26.76 1.30 0.00	26.47 1.16 0.00	25.54 0.89 0.00	24.69 0.86 0.00	24.69 0.88 0.00	24.71 0.86 0.00	24.89 0.89 0.00	27.00 1.16 0.00	27.84 1.40 0.00	28.60 1.41 -1.58	26.74 1.27 -0.07	26.38 1.09 0.00	25.41 0.95 0.00	24.07 0.86 0.00	24.18 0.73 0.00
COPENHAGEN_WT_PWR 323753	23.61 -0.26 0.00	22.75 -0.30 0.00	21.57 -0.35 0.00	21.50 -0.31 0.00	22.12 -0.29 0.00	23.90 -0.24 0.00	26.59 0.00 -0.10	25.86 0.08 -0.25	25.67 -0.05 -0.21	25.48 0.03 0.00	25.15 -0.15 0.00	24.58 -0.07 0.00	23.62 -0.21 0.00	23.57 -0.24 0.00	23.62 -0.24 0.00	23.81 -0.19 0.00	25.81 -0.03 0.00	26.47 0.03 0.00	25.68 -0.08 -0.14	25.23 -0.18 -0.01	25.06 -0.23 0.00	24.16 -0.29 0.00	22.91 -0.30 0.00	23.19 -0.26 0.00
CORNELL_____ 23752	24.01 0.14 0.00	23.17 0.12 0.00	21.99 0.07 0.00	21.87 0.07 0.00	22.54 0.13 0.00	24.52 0.39 0.00	28.70 0.69 -1.52	29.85 0.77 -3.54	31.29 0.64 -5.14	29.99 0.59 -3.95	29.53 0.40 -3.82	26.88 0.20 -2.03	25.71 0.17 -1.71	26.56 0.14 -2.61	26.32 0.12 -2.34	26.48 0.17 -2.31	34.48 0.47 -8.17	31.37 0.85 -4.08	31.24 0.79 -4.83	26.52 0.48 -0.64	26.08 0.33 -0.46	24.70 0.22 -0.02	23.40 0.19 0.00	23.69 0.23 0.00



CORONA_69_KV_TB1 355595	31.21 1.89 -5.46	25.68 1.75 -0.88	23.61 1.69 0.00	23.42 1.61 0.00	24.09 1.68 0.00	31.29 2.00 -5.15	39.14 2.57 -10.07	36.93 2.76 -8.63	38.67 2.76 -10.41	32.90 2.72 -4.72	27.83 2.53 0.00	26.70 2.05 0.00	25.76 1.93 0.00	25.85 2.05 0.00	26.88 2.03 -1.00	29.48 2.09 -3.39	32.16 2.56 -3.76	37.99 2.86 -8.69	37.41 2.84 -8.95	33.63 2.67 -5.56	32.60 2.40 -4.90	31.52 2.15 -4.91	28.27 1.97 -3.08	27.03 1.76 -1.82
CORTLAND_115KV_TB3 80093	23.85 -0.02 0.00	23.03 -0.02 0.00	21.86 -0.07 0.00	21.74 -0.07 0.00	22.39 -0.02 0.00	24.31 0.17 0.00	27.86 0.45 -0.91	28.23 0.51 -2.18	28.93 0.41 -3.02	27.97 0.36 -2.16	27.59 0.20 -2.09	25.79 0.02 -1.11	24.77 0.00 -0.94	25.23 0.00 -1.43	25.11 -0.02 -1.28	25.26 0.00 -1.26	30.49 0.23 -4.42	29.17 0.53 -2.21	28.85 0.49 -2.75	25.98 0.23 -0.35	25.62 0.08 -0.25	24.47 0.00 -0.01	23.21 0.00 0.00	23.50 0.05 0.00
COXSACKIE___GT 23611	25.97 2.10 0.00	24.99 1.94 0.00	23.76 1.84 0.00	23.63 1.83 0.00	24.31 1.90 0.00	26.33 2.20 0.00	30.75 2.54 -1.71	31.88 2.02 -4.32	31.05 1.86 -3.68	27.16 1.71 0.00	26.72 1.42 0.00	25.71 1.06 0.00	24.91 1.07 0.00	24.88 1.07 0.00	24.97 1.12 0.00	25.30 1.30 0.00	27.72 1.89 0.00	28.42 1.98 0.00	29.83 1.79 -2.42	27.54 2.03 -0.11	27.27 1.97 0.00	26.27 1.81 0.00	24.88 1.67 0.00	25.19 1.74 0.00
CPV_VALLEY___CC1 323721	24.80 0.93 0.00	23.88 0.83 0.00	22.73 0.81 0.00	22.59 0.78 0.00	23.21 0.81 0.00	25.17 1.04 0.00	29.12 1.35 -1.28	30.28 1.51 -3.23	29.76 1.50 -2.75	26.88 1.42 0.00	26.59 1.29 0.00	25.64 0.99 0.00	24.81 0.98 0.00	24.78 0.98 0.00	24.83 0.98 0.00	25.01 1.01 0.00	27.16 1.32 0.00	28.00 1.56 0.00	29.01 1.59 -1.81	26.93 1.45 -0.08	26.58 1.29 0.00	25.53 1.07 0.00	24.16 0.95 0.00	24.25 0.80 0.00
CPV_VALLEY___CC2 323722	24.80 0.93 0.00	23.88 0.83 0.00	22.73 0.81 0.00	22.59 0.78 0.00	23.21 0.81 0.00	25.17 1.04 0.00	29.12 1.35 -1.28	30.28 1.51 -3.23	29.76 1.50 -2.75	26.88 1.42 0.00	26.59 1.29 0.00	25.64 0.99 0.00	24.81 0.98 0.00	24.78 0.98 0.00	24.83 0.98 0.00	25.01 1.01 0.00	27.16 1.32 0.00	28.00 1.56 0.00	29.01 1.59 -1.81	26.93 1.45 -0.08	26.58 1.29 0.00	25.53 1.07 0.00	24.16 0.95 0.00	24.25 0.80 0.00
CRESCENT___HYD 24018	24.90 1.03 0.00	24.02 0.97 0.00	22.84 0.92 0.00	22.70 0.89 0.00	23.35 0.94 0.00	25.27 1.13 0.00	29.81 1.48 -1.83	31.56 1.40 -4.62	30.87 1.43 -3.93	26.81 1.35 0.00	26.49 1.19 0.00	25.56 0.91 0.00	24.76 0.93 0.00	24.71 0.90 0.00	24.83 0.98 0.00	24.99 0.98 0.00	27.08 1.24 0.00	27.89 1.45 0.00	29.66 1.46 -2.59	26.86 1.35 -0.12	26.63 1.34 0.00	25.63 1.17 0.00	24.21 1.00 0.00	24.29 0.84 0.00
CRICKET___VALLEY_CC1 323756	25.09 1.22 0.00	24.18 1.13 0.00	23.02 1.10 0.00	22.85 1.05 0.00	23.48 1.08 0.00	25.46 1.33 0.00	29.72 1.67 -1.55	31.26 1.79 -3.93	30.69 1.84 -3.35	27.24 1.78 0.00	26.92 1.62 0.00	25.91 1.26 0.00	25.07 1.24 0.00	25.04 1.24 0.00	25.14 1.29 0.00	25.32 1.32 0.00	27.47 1.63 0.00	28.34 1.90 0.00	29.71 1.90 -2.20	27.27 1.78 -0.10	26.96 1.67 0.00	25.87 1.42 0.00	24.46 1.25 0.00	24.48 1.03 0.00
CRICKET___VALLEY_CC2 323757	25.09 1.22 0.00	24.18 1.13 0.00	23.02 1.10 0.00	22.85 1.05 0.00	23.48 1.08 0.00	25.46 1.33 0.00	29.72 1.67 -1.55	31.26 1.79 -3.93	30.69 1.84 -3.35	27.24 1.78 0.00	26.92 1.62 0.00	25.91 1.26 0.00	25.07 1.24 0.00	25.04 1.24 0.00	25.14 1.29 0.00	25.32 1.32 0.00	27.47 1.63 0.00	28.34 1.90 0.00	29.71 1.90 -2.20	27.27 1.78 -0.10	26.96 1.67 0.00	25.87 1.42 0.00	24.46 1.25 0.00	24.48 1.03 0.00
CRICKET___VALLEY_CC3 323758	25.09 1.22 0.00	24.18 1.13 0.00	23.02 1.10 0.00	22.85 1.05 0.00	23.48 1.08 0.00	25.46 1.33 0.00	29.72 1.67 -1.55	31.26 1.79 -3.93	30.69 1.84 -3.35	27.24 1.78 0.00	26.92 1.62 0.00	25.91 1.26 0.00	25.07 1.24 0.00	25.04 1.24 0.00	25.14 1.29 0.00	25.32 1.32 0.00	27.47 1.63 0.00	28.34 1.90 0.00	29.71 1.90 -2.20	27.27 1.78 -0.10	26.96 1.67 0.00	25.87 1.42 0.00	24.46 1.25 0.00	24.48 1.03 0.00
CRUCIBLE_METL_DRP 24180	23.32 -0.55 0.00	22.55 -0.51 0.00	21.42 -0.50 0.00	21.30 -0.50 0.00	21.91 -0.49 0.00	23.75 -0.39 0.00	27.14 -0.26 -0.91	27.61 -0.23 -2.30	28.70 -0.26 -3.44	27.91 -0.31 -2.76	27.57 -0.40 -2.67	25.53 -0.54 -1.42	24.51 -0.52 -1.20	25.08 -0.55 -1.83	24.92 -0.57 -1.64	25.06 -0.55 -1.61	30.65 -0.44 -5.25	28.87 -0.19 -2.62	28.44 -0.20 -3.03	25.41 -0.38 -0.40	25.10 -0.48 -0.29	23.93 -0.54 -0.01	22.72 -0.49 0.00	23.05 -0.40 0.00
DAHOWA___HYDRO 323763	25.09 1.22 0.00	24.21 1.15 0.00	23.00 1.07 0.00	22.85 1.05 0.00	23.51 1.10 0.00	25.51 1.38 0.00	30.15 1.80 -1.85	32.04 1.81 -4.69	31.28 1.79 -3.99	27.04 1.58 0.00	26.69 1.39 0.00	25.73 1.08 0.00	24.93 1.10 0.00	24.85 1.05 0.00	24.95 1.10 0.00	25.13 1.13 0.00	27.36 1.52 0.00	28.18 1.74 0.00	30.01 1.77 -2.62	27.12 1.60 -0.12	26.94 1.64 0.00	25.92 1.47 0.00	24.46 1.25 0.00	24.53 1.08 0.00
DANC___LFGE 323619	23.34 -0.53 0.00	22.52 -0.53 0.00	21.37 -0.55 0.00	21.28 -0.52 0.00	21.89 -0.51 0.00	23.63 -0.51 0.00	26.32 -0.29 -0.11	26.10 -0.23 -0.79	26.26 -0.33 -1.08	25.93 -0.28 -0.75	25.60 -0.43 -0.73	24.62 -0.42 -0.39	23.68 -0.48 -0.33	23.80 -0.50 -0.50	23.77 -0.52 -0.45	23.93 -0.51 -0.44	27.00 -0.36 -1.52	26.96 -0.24 -0.76	26.28 -0.31 -0.97	25.08 -0.43 -0.12	24.87 -0.51 -0.08	23.92 -0.54 0.00	22.70 -0.51 0.00	23.01 -0.45 0.00
DANSKAMMER___1 23586	25.35 1.48 0.00	24.39 1.34 0.00	23.21 1.29 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.71 1.57 0.00	29.96 1.99 -1.48	31.39 2.12 -3.74	30.81 2.12 -3.18	27.44 1.99 0.00	27.13 1.82 0.00	26.08 1.43 0.00	25.21 1.38 0.00	25.19 1.38 0.00	25.24 1.38 0.00	25.47 1.46 0.00	27.75 1.91 0.00	28.61 2.17 0.00	29.88 2.18 -2.09	27.55 2.06 -0.09	27.16 1.87 0.00	26.07 1.61 0.00	24.65 1.44 0.00	24.72 1.27 0.00
DANSKAMMER___2 23589	25.35 1.48 0.00	24.39 1.34 0.00	23.21 1.29 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.71 1.57 0.00	29.96 1.99 -1.48	31.39 2.12 -3.74	30.81 2.12 -3.18	27.44 1.99 0.00	27.13 1.82 0.00	26.08 1.43 0.00	25.21 1.38 0.00	25.19 1.38 0.00	25.24 1.38 0.00	25.47 1.46 0.00	27.75 1.91 0.00	28.61 2.17 0.00	29.88 2.18 -2.09	27.55 2.06 -0.09	27.16 1.87 0.00	26.07 1.61 0.00	24.65 1.44 0.00	24.72 1.27 0.00
DANSKAMMER___3 23590	25.35 1.48 0.00	24.39 1.34 0.00	23.21 1.29 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.71 1.57 0.00	29.96 1.99 -1.48	31.39 2.12 -3.74	30.81 2.12 -3.18	27.44 1.99 0.00	27.13 1.82 0.00	26.08 1.43 0.00	25.21 1.38 0.00	25.19 1.38 0.00	25.24 1.38 0.00	25.47 1.46 0.00	27.75 1.91 0.00	28.61 2.17 0.00	29.88 2.18 -2.09	27.55 2.06 -0.09	27.16 1.87 0.00	26.07 1.61 0.00	24.65 1.44 0.00	24.72 1.27 0.00



DANSKAMMER___4 23591	25.35 1.48 0.00	24.39 1.34 0.00	23.21 1.29 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.71 1.57 0.00	29.96 1.99 -1.48	31.39 2.12 -3.74	30.81 2.12 -3.18	27.44 1.99 0.00	27.13 1.82 0.00	26.08 1.43 0.00	25.21 1.38 0.00	25.19 1.38 0.00	25.24 1.38 0.00	25.47 1.46 0.00	27.75 1.91 0.00	28.61 2.17 0.00	29.88 2.18 -2.09	27.55 2.06 -0.09	27.16 1.87 0.00	26.07 1.61 0.00	24.65 1.44 0.00	24.72 1.27 0.00
DANSKAMMER___DIESEL 23592	25.30 1.43 0.00	24.37 1.31 0.00	23.19 1.27 0.00	23.05 1.24 0.00	23.69 1.28 0.00	25.66 1.52 0.00	29.96 1.99 -1.48	31.40 2.12 -3.74	30.81 2.12 -3.18	27.44 1.99 0.00	27.13 1.82 0.00	26.08 1.43 0.00	25.21 1.38 0.00	25.19 1.38 0.00	25.24 1.38 0.00	25.46 1.46 0.00	27.75 1.91 0.00	28.61 2.17 0.00	29.89 2.18 -2.09	27.57 2.08 -0.09	27.09 1.80 0.00	26.07 1.61 0.00	24.65 1.44 0.00	24.72 1.27 0.00
DARBY___SOLAR 323810	25.04 1.17 0.00	24.16 1.11 0.00	22.97 1.05 0.00	22.83 1.02 0.00	23.48 1.08 0.00	25.46 1.33 0.00	30.09 1.75 -1.85	31.95 1.74 -4.68	31.22 1.74 -3.98	27.01 1.55 0.00	26.67 1.37 0.00	25.71 1.06 0.00	24.93 1.10 0.00	24.85 1.05 0.00	24.93 1.07 0.00	25.11 1.10 0.00	27.31 1.47 0.00	28.13 1.69 0.00	29.92 1.69 -2.62	27.07 1.55 -0.12	26.86 1.57 0.00	25.85 1.39 0.00	24.42 1.21 0.00	24.48 1.03 0.00
DASHVILLE___HYD 23610	25.09 1.22 0.00	24.16 1.11 0.00	23.00 1.07 0.00	22.85 1.05 0.00	23.48 1.08 0.00	25.44 1.30 0.00	29.37 1.35 -1.52	30.94 1.56 -3.84	30.33 1.56 -3.27	27.24 1.78 0.00	26.92 1.62 0.00	25.88 1.23 0.00	25.02 1.19 0.00	25.02 1.21 0.00	25.05 1.19 0.00	25.27 1.27 0.00	27.54 1.71 0.00	28.40 1.96 0.00	29.40 1.64 -2.15	27.37 1.88 -0.10	26.89 1.59 0.00	25.87 1.42 0.00	24.44 1.23 0.00	24.51 1.06 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.07 2.75 -5.46	26.54 2.61 -0.88	24.44 2.52 0.00	24.20 2.40 0.00	24.92 2.51 0.00	32.20 2.92 -5.15	40.33 3.76 -10.07	38.10 3.93 -8.63	39.85 3.93 -10.41	33.97 3.79 -4.72	28.85 3.54 0.00	27.54 2.88 0.00	26.60 2.76 0.00	26.69 2.88 0.00	27.74 2.89 -1.00	30.32 2.93 -3.39	33.16 3.57 -3.76	39.28 4.15 -8.69	38.62 4.05 -8.96	34.69 3.73 -5.56	33.64 3.44 -4.90	32.53 3.15 -4.92	29.08 2.79 -3.08	27.81 2.53 -1.82
DELAWARE___LFGE 323621	24.73 0.86 0.00	23.84 0.78 0.00	22.65 0.72 0.00	22.52 0.72 0.00	23.17 0.76 0.00	25.13 0.99 0.00	28.87 1.38 -1.00	29.40 1.43 -2.43	29.55 1.35 -2.69	27.97 1.35 -1.16	27.59 1.16 -1.12	26.19 0.94 -0.60	25.22 0.88 -0.50	25.45 0.88 -0.77	25.40 0.86 -0.69	25.57 0.89 -0.68	29.43 1.19 -2.40	29.09 1.45 -1.20	29.24 1.43 -2.19	26.85 1.22 -0.23	26.52 1.09 -0.14	25.42 0.95 -0.01	24.07 0.86 0.00	24.23 0.77 0.00
DERFIELD_115KV_TB7 355931	24.04 0.17 0.00	23.19 0.14 0.00	22.05 0.13 0.00	21.93 0.13 0.00	22.54 0.13 0.00	24.33 0.19 0.00	26.81 0.32 0.00	25.84 0.31 0.00	25.82 0.31 0.00	25.74 0.28 0.00	25.53 0.23 0.00	24.80 0.15 0.00	24.00 0.17 0.00	23.97 0.17 0.00	24.02 0.17 0.00	24.17 0.17 0.00	26.10 0.26 0.00	26.76 0.32 0.00	25.95 0.33 0.00	25.68 0.28 0.00	25.52 0.23 0.00	24.65 0.20 0.00	23.37 0.16 0.00	23.59 0.14 0.00
DOGLEVILLE___HYD 23807	23.99 0.12 0.00	23.15 0.09 0.00	22.01 0.09 0.00	21.89 0.09 0.00	22.52 0.11 0.00	24.33 0.19 0.00	26.84 0.34 0.00	25.85 0.31 0.00	25.84 0.33 0.00	25.81 0.36 0.00	25.58 0.28 0.00	24.95 0.30 0.00	24.14 0.31 0.00	24.11 0.31 0.00	24.16 0.31 0.00	24.29 0.29 0.00	26.17 0.34 0.00	26.86 0.42 0.00	26.00 0.38 0.00	25.70 0.31 0.00	25.57 0.28 0.00	24.75 0.29 0.00	23.44 0.23 0.00	23.66 0.21 0.00
DUNKIRK___115KV_TB_200 55889	21.32 -2.55 0.00	20.61 -2.44 0.00	19.55 -2.37 0.00	19.51 -2.29 0.00	20.14 -2.26 0.00	22.22 -1.91 0.01	24.09 -1.83 0.58	22.82 -1.35 1.36	21.33 -1.51 2.68	21.15 -1.48 2.83	20.85 -1.72 2.74	21.34 -1.85 1.46	20.77 -1.84 1.23	20.03 -1.90 1.87	20.14 -2.03 1.68	20.31 -2.04 1.66	18.38 -1.76 5.71	22.32 -1.27 2.85	21.64 -1.26 2.72	22.84 -2.34 0.22	22.49 -2.63 0.18	21.73 -2.71 0.01	20.98 -2.23 0.00	21.34 -2.11 0.00
DUNKIRK___1 23563	21.32 -2.55 0.00	20.61 -2.44 0.00	19.55 -2.37 0.00	19.51 -2.29 0.00	20.14 -2.26 0.00	22.22 -1.91 0.01	24.09 -1.83 0.58	22.82 -1.35 1.36	21.33 -1.51 2.68	21.15 -1.48 2.83	20.85 -1.72 2.74	21.34 -1.85 1.46	20.77 -1.84 1.23	20.03 -1.90 1.87	20.14 -2.03 1.68	20.31 -2.04 1.66	18.38 -1.76 5.71	22.32 -1.27 2.85	21.64 -1.26 2.72	22.84 -2.34 0.22	22.49 -2.63 0.18	21.73 -2.71 0.01	20.98 -2.23 0.00	21.34 -2.11 0.00
DUNKIRK___2 23564	21.32 -2.55 0.00	20.61 -2.44 0.00	19.55 -2.37 0.00	19.51 -2.29 0.00	20.14 -2.26 0.00	22.22 -1.91 0.01	24.09 -1.83 0.58	22.82 -1.35 1.36	21.33 -1.51 2.68	21.15 -1.48 2.83	20.85 -1.72 2.74	21.34 -1.85 1.46	20.77 -1.84 1.23	20.03 -1.90 1.87	20.14 -2.03 1.68	20.31 -2.04 1.66	18.38 -1.76 5.71	22.32 -1.27 2.85	21.64 -1.26 2.72	22.84 -2.34 0.22	22.49 -2.63 0.18	21.73 -2.71 0.01	20.98 -2.23 0.00	21.34 -2.11 0.00
DUNKIRK___3 23565	21.39 -2.48 0.00	20.68 -2.37 0.00	19.62 -2.30 0.00	19.56 -2.25 0.00	20.21 -2.20 0.00	22.30 -1.83 0.01	24.15 -1.75 0.60	22.82 -1.30 1.42	21.29 -1.45 2.77	21.12 -1.43 2.91	20.79 -1.70 2.82	21.32 -1.82 1.50	20.78 -1.79 1.27	20.02 -1.86 1.93	20.14 -1.98 1.73	20.31 -1.99 1.70	18.24 -1.73 5.87	22.26 -1.24 2.94	21.58 -1.23 2.81	22.86 -2.31 0.23	22.50 -2.61 0.18	21.78 -2.67 0.01	21.01 -2.21 0.00	21.36 -2.09 0.00
DUNKIRK___4 23566	21.32 -2.55 0.00	20.61 -2.44 0.00	19.55 -2.37 0.00	19.49 -2.31 0.00	20.14 -2.26 0.00	22.22 -1.91 0.01	24.00 -1.83 0.67	22.59 -1.38 1.57	20.97 -1.53 3.01	20.85 -1.50 3.11	20.55 -1.75 3.01	21.15 -1.90 1.61	20.62 -1.86 1.35	19.82 -1.93 2.06	19.95 -2.05 1.85	20.12 -2.06 1.82	17.75 -1.81 6.28	22.01 -1.30 3.14	21.28 -1.31 3.03	22.76 -2.39 0.25	22.41 -2.68 0.20	21.71 -2.74 0.01	20.94 -2.27 0.00	21.32 -2.13 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.28 1.41 0.00	24.34 1.29 0.00	23.17 1.25 0.00	23.00 1.20 0.00	23.66 1.25 0.00	25.66 1.52 0.00	30.00 2.04 -1.46	31.46 2.22 -3.70	30.90 2.24 -3.15	27.66 2.19 -0.01	27.33 2.02 0.00	26.30 1.65 0.00	25.41 1.57 0.00	25.40 1.60 0.00	25.43 1.57 0.00	25.63 1.63 0.00	27.91 2.07 0.00	28.77 2.33 0.00	30.02 2.33 -2.07	27.68 2.18 -0.09	27.19 1.90 0.00	26.14 1.69 0.00	24.74 1.53 0.00	24.77 1.31 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.11 1.24 0.00	24.18 1.13 0.00	23.02 1.10 0.00	22.87 1.07 0.00	23.51 1.10 0.00	25.46 1.33 0.00	29.70 1.78 -1.43	31.05 1.89 -3.62	30.48 1.89 -3.08	27.26 1.81 0.00	26.95 1.64 0.00	25.93 1.28 0.00	25.07 1.24 0.00	25.07 1.26 0.00	25.09 1.24 0.00	25.30 1.30 0.00	27.54 1.71 0.00	28.40 1.96 0.00	29.62 1.97 -2.03	27.34 1.85 -0.09	26.89 1.59 0.00	25.87 1.42 0.00	24.49 1.28 0.00	24.55 1.10 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	25.52 1.65 0.00	24.55 1.50 0.00	23.37 1.45 0.00	23.20 1.40 0.00	23.84 1.43 0.00	25.75 1.62 0.00	29.95 1.99 -1.46	31.44 2.20 -3.70	30.88 2.22 -3.15	27.68 2.19 -0.04	27.39 2.07 -0.01	26.35 1.70 0.00	25.43 1.60 0.00	25.43 1.62 0.00	25.45 1.60 0.00	25.68 1.68 0.00	27.96 2.12 0.00	28.85 2.41 0.00	30.10 2.41 -2.07	27.70 2.21 -0.09	27.19 1.90 0.00	26.14 1.69 0.00	24.88 1.67 0.00	24.95 1.50 0.00
E179THST_13_KV_LOAD 356214	25.61 1.74 0.00	24.64 1.59 0.00	23.43 1.51 0.00	23.26 1.46 0.00	23.93 1.52 0.00	25.83 1.69 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.15	27.81 2.32 -0.04	27.49 2.18 -0.01	26.45 1.80 0.00	25.55 1.72 0.00	25.52 1.71 0.00	25.55 1.69 0.00	25.80 1.80 0.00	28.09 2.25 0.00	28.98 2.54 0.00	30.22 2.54 -2.07	27.83 2.34 -0.09	27.32 2.02 0.00	26.27 1.81 0.00	24.98 1.76 0.00	25.05 1.59 0.00
EAST HAMPTON___GT 23717	32.36 3.03 -5.46	26.81 2.88 -0.88	24.68 2.76 0.00	24.46 2.66 0.00	25.19 2.78 0.00	32.52 3.24 -5.15	40.64 4.08 -10.07	38.44 4.26 -8.63	40.18 4.26 -10.41	34.27 4.10 -4.72	29.17 3.87 0.00	27.81 3.16 0.00	26.86 3.03 0.00	26.92 3.12 0.00	27.98 3.12 -1.00	30.56 3.17 -3.39	33.45 3.85 -3.76	39.52 4.39 -8.69	38.98 4.41 -8.96	35.00 4.04 -5.56	34.02 3.82 -4.90	32.79 3.42 -4.92	29.33 3.04 -3.08	28.07 2.79 -1.82
EAST RIVER___6 23660	25.33 1.46 0.00	24.37 1.31 0.00	23.19 1.27 0.00	23.02 1.22 0.00	23.66 1.25 0.00	25.71 1.57 0.00	30.03 2.07 -1.46	31.59 2.35 -3.70	31.03 2.37 -3.15	28.98 2.37 -1.16	27.89 2.20 -0.38	26.56 1.82 -0.08	25.52 1.69 0.00	25.52 1.72 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.06 2.22 0.00	28.92 2.48 0.00	30.17 2.48 -2.07	27.78 2.29 -0.09	27.34 2.05 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.79 1.34 0.00
EAST RIVER___7 23524	25.33 1.46 0.00	24.37 1.31 0.00	23.19 1.27 0.00	23.02 1.22 0.00	23.66 1.25 0.00	25.71 1.57 0.00	30.03 2.07 -1.46	31.59 2.35 -3.70	31.03 2.37 -3.15	28.98 2.37 -1.16	27.89 2.20 -0.38	26.56 1.82 -0.08	25.52 1.69 0.00	25.52 1.72 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.06 2.22 0.00	28.92 2.48 0.00	30.17 2.48 -2.07	27.78 2.29 -0.09	27.34 2.05 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.79 1.34 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.23 1.36 0.00	24.30 1.24 0.00	23.13 1.21 0.00	22.98 1.18 0.00	23.62 1.21 0.00	25.61 1.47 0.00	29.92 1.96 -1.46	31.40 2.17 -3.69	30.82 2.17 -3.14	27.57 2.11 0.00	27.25 1.95 0.00	26.23 1.58 0.00	25.33 1.50 0.00	25.33 1.52 0.00	25.38 1.53 0.00	25.58 1.58 0.00	27.83 1.99 0.00	28.69 2.25 0.00	29.94 2.25 -2.07	27.60 2.11 -0.09	27.11 1.82 0.00	26.07 1.61 0.00	24.67 1.46 0.00	24.69 1.24 0.00
EAST_HAMPTON___DIESEL 23722	32.38 3.06 -5.46	26.81 2.88 -0.88	24.71 2.78 0.00	24.46 2.66 0.00	25.19 2.78 0.00	32.52 3.24 -5.15	40.64 4.08 -10.07	38.44 4.26 -8.63	40.18 4.26 -10.41	34.27 4.10 -4.72	29.17 3.87 0.00	27.81 3.16 0.00	26.88 3.05 0.00	26.92 3.12 0.00	27.98 3.12 -1.00	30.56 3.17 -3.39	33.47 3.87 -3.76	39.52 4.39 -8.69	38.98 4.41 -8.96	35.00 4.04 -5.56	34.02 3.82 -4.90	32.79 3.42 -4.92	29.36 3.06 -3.08	28.09 2.81 -1.82
EAST_PULASKI___ESR 323781	23.18 -0.69 0.00	22.38 -0.67 0.00	21.26 -0.66 0.00	21.15 -0.65 0.00	21.74 -0.67 0.00	23.51 -0.63 0.00	26.37 -0.50 -0.38	26.05 -0.46 -0.97	26.32 -0.54 -1.34	25.90 -0.51 -0.96	25.60 -0.63 -0.92	24.45 -0.69 -0.49	23.56 -0.69 -0.42	23.72 -0.71 -0.63	23.66 -0.76 -0.57	23.84 -0.72 -0.56	27.06 -0.65 -1.87	26.92 -0.45 -0.93	26.30 -0.49 -1.18	24.93 -0.61 -0.15	24.69 -0.71 -0.10	23.73 -0.73 0.00	22.56 -0.65 0.00	22.89 -0.56 0.00
EAST_RIVER___1 323558	25.37 1.50 0.00	24.41 1.36 0.00	23.24 1.32 0.00	23.09 1.29 0.00	23.71 1.30 0.00	25.73 1.59 0.00	30.05 2.09 -1.46	31.59 2.35 -3.70	31.00 2.35 -3.15	28.96 2.34 -1.16	27.86 2.18 -0.38	26.53 1.80 -0.08	25.52 1.69 0.00	25.50 1.69 0.00	25.55 1.69 0.00	25.75 1.75 0.00	28.03 2.20 0.00	28.90 2.46 0.00	30.17 2.48 -2.07	27.78 2.29 -0.09	27.34 2.05 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.84 1.38 0.00
EAST_RIVER___2 323559	25.33 1.46 0.00	24.37 1.31 0.00	23.19 1.27 0.00	23.02 1.22 0.00	23.66 1.25 0.00	25.71 1.57 0.00	30.03 2.07 -1.46	31.59 2.35 -3.70	31.03 2.37 -3.15	28.98 2.37 -1.16	27.89 2.20 -0.38	26.56 1.82 -0.08	25.52 1.69 0.00	25.52 1.72 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.06 2.22 0.00	28.92 2.48 0.00	30.17 2.48 -2.07	27.78 2.29 -0.09	27.34 2.05 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.79 1.34 0.00
EAST___DELAWARE_HYD 23607	24.87 1.00 0.00	23.91 0.85 0.00	22.73 0.81 0.00	22.61 0.81 0.00	23.24 0.83 0.00	25.22 1.09 0.00	29.31 1.48 -1.33	30.53 1.64 -3.36	29.98 1.61 -2.86	26.88 1.42 0.00	26.54 1.24 0.00	25.51 0.86 0.00	24.64 0.81 0.00	24.64 0.83 0.00	24.67 0.81 0.00	24.91 0.91 0.00	27.23 1.39 0.00	28.05 1.61 0.00	29.16 1.66 -1.88	27.06 1.58 -0.08	26.63 1.34 0.00	25.56 1.10 0.00	24.14 0.93 0.00	24.22 0.77 0.00
EIGHT_POINT___WT_PWR 323820	23.44 -0.43 0.00	22.68 -0.37 0.00	21.53 -0.39 0.00	21.48 -0.33 0.00	22.23 -0.18 0.00	24.31 0.17 0.00	28.74 0.56 -1.68	30.22 0.87 -3.82	31.82 0.66 -5.64	30.52 0.61 -4.45	29.99 0.38 -4.31	27.04 0.10 -2.29	25.84 0.07 -1.93	26.75 0.00 -2.94	26.45 -0.05 -2.64	26.58 -0.02 -2.60	35.31 0.49 -8.99	31.93 1.00 -4.49	31.79 0.95 -5.22	26.34 0.20 -0.74	25.83 0.00 -0.54	24.28 -0.20 -0.02	23.03 -0.19 0.00	23.36 -0.09 0.00
ELBRIDGE_115KV_TB2 80188	23.20 -0.67 0.00	22.43 -0.62 0.00	21.31 -0.61 0.00	21.17 -0.63 0.00	21.80 -0.61 0.00	23.61 -0.53 0.00	27.27 -0.40 -1.17	28.16 -0.33 -2.95	29.60 -0.41 -4.50	28.70 -0.46 -3.70	28.32 -0.56 -3.58	25.87 -0.69 -1.91	24.77 -0.67 -1.61	25.56 -0.69 -2.45	25.33 -0.72 -2.20	25.47 -0.70 -2.16	33.26 -0.57 -7.99	30.11 -0.32 -3.99	29.77 -0.33 -4.49	25.49 -0.51 -0.60	25.13 -0.61 -0.44	23.81 -0.66 -0.02	22.61 -0.60 0.00	22.94 -0.52 0.00
ELEC_TRO_TEK 24086	31.12 1.79 -5.46	25.59 1.66 -0.88	23.52 1.60 0.00	23.33 1.53 0.00	24.00 1.59 0.00	31.19 1.91 -5.15	39.03 2.46 -10.07	36.83 2.66 -8.63	38.57 2.65 -10.41	32.80 2.62 -4.72	27.73 2.43 0.00	26.60 1.95 0.00	25.69 1.86 0.00	25.78 1.98 0.00	26.81 1.96 -1.00	29.41 2.02 -3.39	32.08 2.48 -3.76	37.88 2.75 -8.69	37.34 2.77 -8.95	33.55 2.59 -5.56	32.50 2.30 -4.90	31.42 2.05 -4.91	28.17 1.88 -3.08	26.96 1.69 -1.82
ELLENBURG_WT_PWR 323604	23.97 0.10 0.00	23.15 0.09 0.00	22.01 0.09 0.00	21.96 0.15 0.00	22.50 0.09 0.00	24.07 -0.07 0.00	25.75 -0.74 0.00	24.75 -0.79 0.00	24.67 -0.84 0.00	24.74 -0.71 0.00	24.95 -0.35 0.00	24.73 0.07 0.00	23.78 -0.05 0.00	23.85 0.05 0.00	23.85 0.00 0.00	23.86 -0.14 0.00	25.40 -0.44 0.00	25.59 -0.85 0.00	24.44 -1.18 0.00	24.51 -0.89 0.00	24.38 -0.91 0.00	23.62 -0.83 0.00	22.38 -0.83 0.00	22.87 -0.59 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.20 -2.67 0.00	20.54 -2.51 0.00	19.49 -2.43 0.00	19.40 -2.40 0.00	20.06 -2.35 0.00	22.03 -2.10 0.01	23.66 -2.04 0.79	21.96 -1.71 1.86	20.20 -1.84 3.47	20.12 -1.83 3.50	19.84 -2.07 3.39	20.67 -2.17 1.81	20.16 -2.14 1.53	19.25 -2.24 2.32	19.43 -2.34 2.08	19.58 -2.38 2.05	16.61 -2.14 7.08	21.26 -1.64 3.54	20.50 -1.64 3.48	22.53 -2.57 0.30	22.22 -2.83 0.24	21.54 -2.91 0.01	20.75 -2.46 0.00	21.15 -2.30 0.00
EMPIRE_CC_1 323656	24.73 0.86 0.00	23.86 0.81 0.00	22.73 0.81 0.00	22.59 0.78 0.00	23.21 0.81 0.00	25.10 0.97 0.00	29.48 1.25 -1.74	31.01 1.07 -4.40	30.35 1.10 -3.74	26.58 1.12 0.00	26.24 0.94 0.00	25.37 0.72 0.00	24.59 0.76 0.00	24.55 0.74 0.00	24.67 0.81 0.00	24.82 0.82 0.00	26.77 0.93 0.00	27.58 1.14 0.00	29.21 1.13 -2.46	26.60 1.09 -0.11	26.40 1.11 0.00	25.41 0.95 0.00	24.02 0.81 0.00	24.13 0.68 0.00
EMPIRE_CC_2 323658	24.73 0.86 0.00	23.86 0.81 0.00	22.73 0.81 0.00	22.59 0.78 0.00	23.21 0.81 0.00	25.10 0.97 0.00	29.48 1.25 -1.74	31.01 1.07 -4.40	30.35 1.10 -3.74	26.58 1.12 0.00	26.24 0.94 0.00	25.37 0.72 0.00	24.59 0.76 0.00	24.55 0.74 0.00	24.67 0.81 0.00	24.82 0.82 0.00	26.77 0.93 0.00	27.58 1.14 0.00	29.21 1.13 -2.46	26.60 1.09 -0.11	26.40 1.11 0.00	25.41 0.95 0.00	24.02 0.81 0.00	24.13 0.68 0.00
ENORWICH_115KV_TB1 80156	25.66 1.79 0.00	24.67 1.61 0.00	23.28 1.36 0.00	23.20 1.40 0.00	23.95 1.55 0.00	26.16 2.03 0.00	30.41 2.70 -1.21	31.12 2.71 -2.87	31.71 2.42 -3.78	30.45 2.52 -2.47	29.87 2.18 -2.39	27.68 1.75 -1.28	26.43 1.53 -1.08	27.01 1.57 -1.64	26.90 1.57 -1.47	27.13 1.68 -1.45	33.21 2.25 -5.13	31.91 2.91 -2.56	31.74 2.74 -3.39	28.13 2.31 -0.42	27.71 2.12 -0.29	26.42 1.96 -0.01	24.86 1.65 0.00	25.09 1.64 0.00
ERIE_ST__34_KV_TB1-2 80199	21.43 -2.43 0.00	20.75 -2.31 0.00	19.69 -2.24 0.00	19.60 -2.20 0.00	20.26 -2.15 0.00	22.51 -1.62 0.01	24.26 -1.56 0.67	22.88 -1.07 1.58	21.28 -1.20 3.03	21.13 -1.20 3.13	20.86 -1.42 3.03	21.43 -1.60 1.62	20.92 -1.55 1.36	20.14 -1.60 2.07	20.32 -1.67 1.86	20.54 -1.63 1.83	18.07 -1.45 6.32	22.20 -1.08 3.16	21.51 -1.05 3.05	22.52 -2.62 0.26	22.20 -2.88 0.21	21.59 -2.86 0.01	21.03 -2.18 0.00	21.39 -2.06 0.00
ERIE_WT_PWR 323693	21.34 -2.53 0.00	20.80 -2.26 0.00	19.77 -2.15 0.00	19.69 -2.11 0.00	20.37 -2.04 0.00	22.13 -2.00 0.01	23.90 -1.88 0.72	22.40 -1.45 1.69	20.71 -1.61 3.19	20.59 -1.60 3.26	20.25 -1.90 3.16	20.94 -2.02 1.69	20.41 -2.00 1.42	19.60 -2.05 2.16	19.81 -2.10 1.94	19.95 -2.14 1.91	17.24 -1.89 6.71	21.66 -1.43 3.35	20.91 -1.43 3.28	22.55 -2.56 0.29	22.31 -2.76 0.23	21.61 -2.84 0.01	20.73 -2.48 0.00	21.27 -2.18 0.00
ESPRGFLD_115KV_TB1 80157	25.23 1.36 0.00	24.32 1.27 0.00	23.06 1.14 0.00	22.94 1.13 0.00	23.64 1.23 0.00	25.73 1.59 0.00	28.86 2.15 -0.22	28.26 2.22 -0.50	28.37 2.09 -0.77	28.08 1.99 -0.63	27.66 1.75 -0.61	26.48 1.50 -0.33	25.51 1.41 -0.28	25.63 1.40 -0.42	25.61 1.38 -0.38	25.84 1.46 -0.37	28.98 1.83 -1.31	29.26 2.17 -0.65	28.48 2.13 -0.73	27.33 1.83 -0.10	27.09 1.72 -0.08	26.07 1.61 0.00	24.65 1.44 0.00	24.77 1.31 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.99 0.12 0.00	23.15 0.09 0.00	21.97 0.04 0.00	21.85 0.04 0.00	22.52 0.11 0.00	24.47 0.34 0.00	28.57 0.66 -1.41	29.56 0.72 -3.30	30.84 0.59 -4.75	29.61 0.56 -3.60	29.14 0.35 -3.48	26.65 0.15 -1.85	25.51 0.12 -1.56	26.28 0.10 -2.38	26.08 0.10 -2.13	26.25 0.14 -2.10	33.71 0.41 -7.45	30.95 0.79 -3.72	30.81 0.74 -4.45	26.41 0.43 -0.58	25.99 0.28 -0.42	24.65 0.17 -0.02	23.37 0.16 0.00	23.64 0.19 0.00
ETNA____115KV_TB2 80207	23.99 0.12 0.00	23.15 0.09 0.00	21.97 0.04 0.00	21.85 0.04 0.00	22.52 0.11 0.00	24.47 0.34 0.00	28.57 0.66 -1.41	29.56 0.72 -3.30	30.84 0.59 -4.75	29.61 0.56 -3.60	29.14 0.35 -3.48	26.65 0.15 -1.85	25.51 0.12 -1.56	26.28 0.10 -2.38	26.08 0.10 -2.13	26.25 0.14 -2.10	33.71 0.41 -7.45	30.95 0.79 -3.72	30.81 0.74 -4.45	26.41 0.43 -0.58	25.99 0.28 -0.42	24.65 0.17 -0.02	23.37 0.16 0.00	23.64 0.19 0.00
EUCLID___115KV_TB2 356179	23.03 -0.84 0.00	22.27 -0.78 0.00	21.15 -0.77 0.00	21.04 -0.76 0.00	21.65 -0.76 0.00	23.44 -0.70 0.00	26.04 -0.61 -0.15	25.84 -0.56 -0.87	25.99 -0.64 -1.12	25.51 -0.66 -0.71	25.23 -0.76 -0.69	24.15 -0.86 -0.37	23.31 -0.83 -0.31	23.42 -0.86 -0.47	23.39 -0.88 -0.42	23.55 -0.86 -0.42	26.48 -0.78 -1.41	26.59 -0.56 -0.71	26.02 -0.56 -0.97	24.80 -0.71 -0.11	24.56 -0.81 -0.08	23.60 -0.86 0.00	22.45 -0.77 0.00	22.77 -0.68 0.00
E_CANADA_CAP_HY 24051	25.49 1.62 0.00	24.60 1.54 0.00	23.35 1.42 0.00	23.22 1.42 0.00	23.93 1.52 0.00	26.02 1.88 0.00	31.16 2.52 -2.14	33.43 2.48 -5.42	32.52 2.40 -4.61	27.62 2.16 0.00	27.23 1.92 0.00	26.35 1.70 0.00	25.48 1.64 0.00	25.43 1.62 0.00	25.48 1.62 0.00	25.73 1.73 0.00	27.93 2.09 0.00	28.82 2.38 0.00	31.01 2.36 -3.04	27.62 2.08 -0.14	27.37 2.07 0.00	26.46 2.01 0.00	24.95 1.74 0.00	25.05 1.60 0.00
E_CANADA_MHWK_HY 24050	23.99 0.12 0.00	23.15 0.09 0.00	22.01 0.09 0.00	21.89 0.09 0.00	22.52 0.11 0.00	24.33 0.19 0.00	26.84 0.34 0.00	25.85 0.31 0.00	25.84 0.33 0.00	25.81 0.36 0.00	25.58 0.28 0.00	24.95 0.30 0.00	24.14 0.31 0.00	24.11 0.31 0.00	24.16 0.31 0.00	24.29 0.29 0.00	26.17 0.34 0.00	26.86 0.42 0.00	26.00 0.38 0.00	25.70 0.31 0.00	25.57 0.28 0.00	24.75 0.29 0.00	23.44 0.23 0.00	23.66 0.21 0.00
E_FISHKILL___LBMP 23776	25.09 1.22 0.00	24.16 1.11 0.00	23.00 1.07 0.00	22.85 1.05 0.00	23.48 1.08 0.00	25.44 1.30 0.00	29.75 1.75 -1.51	31.24 1.89 -3.81	30.67 1.91 -3.24	27.29 1.83 0.00	26.97 1.67 0.00	25.98 1.33 0.00	25.12 1.29 0.00	25.12 1.31 0.00	25.17 1.31 0.00	25.37 1.37 0.00	27.54 1.71 0.00	28.42 1.98 0.00	29.72 1.97 -2.14	27.35 1.85 -0.10	26.94 1.64 0.00	25.90 1.44 0.00	24.51 1.30 0.00	24.55 1.10 0.00
FALCON___SEABRD_CC1 323796	24.25 0.38 0.00	23.42 0.37 0.00	22.27 0.35 0.00	22.24 0.44 0.00	22.77 0.36 0.00	24.38 0.24 0.00	25.94 -0.56 0.00	24.95 -0.59 0.00	24.85 -0.66 0.00	24.95 -0.51 0.00	25.13 -0.18 0.00	24.92 0.27 0.00	23.98 0.14 0.00	24.04 0.24 0.00	24.04 0.19 0.00	24.05 0.05 0.00	25.63 -0.21 0.00	25.83 -0.61 0.00	24.62 -1.00 0.00	24.74 -0.66 0.00	24.58 -0.71 0.00	23.80 -0.66 0.00	22.54 -0.67 0.00	23.17 -0.28 0.00
FALCON___SEABRD_CC2 323797	24.25 0.38 0.00	23.42 0.37 0.00	22.27 0.35 0.00	22.24 0.44 0.00	22.77 0.36 0.00	24.38 0.24 0.00	25.94 -0.56 0.00	24.95 -0.59 0.00	24.85 -0.66 0.00	24.95 -0.51 0.00	25.13 -0.18 0.00	24.92 0.27 0.00	23.98 0.14 0.00	24.04 0.24 0.00	24.04 0.19 0.00	24.05 0.05 0.00	25.63 -0.21 0.00	25.83 -0.61 0.00	24.62 -1.00 0.00	24.74 -0.66 0.00	24.58 -0.71 0.00	23.80 -0.66 0.00	22.54 -0.67 0.00	23.17 -0.28 0.00



FAR ROCKAWAY___4 23548	31.36 2.03 -5.46	25.82 1.89 -0.88	23.74 1.82 0.00	23.55 1.74 0.00	24.22 1.82 0.00	31.43 2.15 -5.15	39.32 2.76 -10.07	37.11 2.94 -8.63	38.85 2.93 -10.41	33.08 2.90 -4.72	28.01 2.71 0.00	26.87 2.22 0.00	25.93 2.10 0.00	26.02 2.21 0.00	27.05 2.19 -1.00	29.65 2.26 -3.39	32.34 2.74 -3.76	38.20 3.07 -8.69	37.62 3.05 -8.95	33.83 2.87 -5.56	32.75 2.55 -4.90	31.66 2.30 -4.91	28.40 2.11 -3.08	27.20 1.92 -1.82
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.37 1.50 0.00	24.39 1.34 0.00	23.26 1.34 0.00	23.07 1.26 0.00	23.73 1.32 0.00	25.71 1.57 0.00	30.08 2.12 -1.46	31.61 2.37 -3.70	31.03 2.37 -3.15	28.99 2.37 -1.16	27.89 2.20 -0.38	26.56 1.82 -0.08	25.55 1.72 0.00	25.54 1.74 0.00	25.57 1.72 0.00	25.80 1.80 0.00	28.09 2.25 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.83 2.34 -0.09	27.32 2.02 0.00	26.27 1.81 0.00	24.86 1.65 0.00	24.86 1.41 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.35 1.48 0.00	24.39 1.34 0.00	23.24 1.32 0.00	23.07 1.26 0.00	23.73 1.32 0.00	25.71 1.57 0.00	30.08 2.12 -1.46	31.61 2.37 -3.70	31.03 2.37 -3.15	28.99 2.37 -1.16	27.89 2.20 -0.38	26.56 1.82 -0.08	25.55 1.72 0.00	25.54 1.74 0.00	25.57 1.72 0.00	25.78 1.78 0.00	28.06 2.22 0.00	28.92 2.49 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.32 2.02 0.00	26.24 1.79 0.00	24.86 1.65 0.00	24.86 1.41 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.33 1.46 0.00	24.37 1.31 0.00	23.24 1.32 0.00	23.05 1.24 0.00	23.71 1.30 0.00	25.68 1.54 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.15	28.96 2.34 -1.16	27.84 2.15 -0.38	26.53 1.80 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.55 1.69 0.00	25.75 1.75 0.00	28.03 2.20 0.00	28.90 2.46 0.00	30.17 2.48 -2.07	27.78 2.29 -0.09	27.29 2.00 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.84 1.38 0.00
FARRAGUT___LBMP 323566	25.33 1.46 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.69 1.28 0.00	25.66 1.52 0.00	30.03 2.07 -1.46	31.56 2.32 -3.70	30.98 2.32 -3.15	28.93 2.32 -1.16	27.84 2.15 -0.38	26.51 1.77 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.81 1.36 0.00
FENNER___WINDPWR 24204	24.18 0.31 0.00	23.33 0.28 0.00	22.16 0.24 0.00	22.04 0.24 0.00	22.72 0.31 0.00	24.59 0.46 0.00	27.84 0.74 -0.60	27.75 0.77 -1.45	28.19 0.69 -1.99	27.53 0.66 -1.41	27.18 0.51 -1.37	25.77 0.39 -0.73	24.78 0.33 -0.61	25.07 0.33 -0.93	25.03 0.33 -0.84	25.19 0.36 -0.83	29.27 0.54 -2.89	28.62 0.74 -1.44	28.09 0.66 -1.81	26.13 0.51 -0.22	25.88 0.43 -0.16	24.78 0.32 -0.01	23.47 0.26 0.00	23.76 0.30 0.00
FIBERTEK___ENERGY 23856	23.32 -0.55 0.00	22.55 -0.51 0.00	21.42 -0.50 0.00	21.30 -0.50 0.00	21.91 -0.49 0.00	23.75 -0.39 0.00	27.14 -0.26 -0.91	27.61 -0.23 -2.30	28.70 -0.26 -3.44	27.91 -0.31 -2.76	27.57 -0.40 -2.67	25.53 -0.54 -1.42	24.51 -0.52 -1.20	25.08 -0.55 -1.83	24.92 -0.57 -1.64	25.06 -0.55 -1.61	30.65 -0.44 -5.25	28.87 -0.19 -2.62	28.44 -0.20 -3.03	25.41 -0.38 -0.40	25.10 -0.48 -0.29	23.93 -0.54 -0.01	22.72 -0.49 0.00	23.05 -0.40 0.00
FITZPATRICK___ 23598	22.77 -1.10 0.00	21.99 -1.06 0.00	20.94 -0.99 0.00	20.82 -0.98 0.00	21.40 -1.01 0.00	23.08 -1.06 0.00	25.58 -1.03 -0.11	24.88 -0.94 -0.29	24.76 -1.00 -0.24	24.44 -1.02 0.00	24.22 -1.09 0.00	23.52 -1.13 0.00	22.74 -1.10 0.00	22.69 -1.12 0.00	22.73 -1.12 0.00	22.87 -1.13 0.00	24.73 -1.11 0.00	25.49 -0.95 0.00	24.86 -0.92 -0.16	24.36 -1.04 -0.01	24.21 -1.09 0.00	23.33 -1.12 0.00	22.19 -1.02 0.00	22.56 -0.89 0.00
FLOWRFLD_69_KV_BK1 356044	31.64 2.32 -5.46	26.10 2.17 -0.88	24.00 2.08 0.00	23.79 1.98 0.00	24.47 2.06 0.00	31.72 2.44 -5.15	39.69 3.13 -10.07	37.47 3.29 -8.63	39.21 3.29 -10.41	33.36 3.18 -4.72	28.26 2.96 0.00	27.04 2.39 0.00	26.10 2.26 0.00	26.31 2.50 0.00	27.33 2.48 -1.00	29.96 2.57 -3.39	32.70 3.10 -3.76	38.65 3.52 -8.69	38.06 3.48 -8.96	34.16 3.20 -5.56	33.10 2.91 -4.90	32.04 2.67 -4.92	28.68 2.39 -3.08	27.43 2.16 -1.82
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.35 1.48 0.00	24.41 1.36 0.00	23.24 1.32 0.00	23.09 1.29 0.00	23.73 1.32 0.00	25.71 1.57 0.00	30.02 2.04 -1.48	31.43 2.15 -3.75	30.87 2.17 -3.19	27.49 2.04 0.00	27.15 1.85 0.00	26.13 1.48 0.00	25.24 1.41 0.00	25.23 1.43 0.00	25.28 1.43 0.00	25.49 1.49 0.00	27.80 1.96 0.00	28.63 2.19 0.00	29.94 2.23 -2.10	27.60 2.11 -0.09	27.14 1.85 0.00	26.12 1.66 0.00	24.70 1.49 0.00	24.77 1.31 0.00
FORT ORANGE___ 23900	24.90 1.03 0.00	24.04 0.99 0.00	22.86 0.94 0.00	22.74 0.94 0.00	23.37 0.96 0.00	25.30 1.16 0.00	29.72 1.43 -1.79	31.15 1.07 -4.54	30.39 1.02 -3.86	26.45 0.99 0.00	26.14 0.83 0.00	25.27 0.62 0.00	24.48 0.64 0.00	24.45 0.64 0.00	24.55 0.69 0.00	24.72 0.72 0.00	26.77 0.93 0.00	27.52 1.08 0.00	29.21 1.05 -2.54	26.58 1.07 -0.11	26.35 1.06 0.00	25.38 0.93 0.00	24.12 0.90 0.00	24.34 0.89 0.00
FORT_DRUM_COGEN 23780	23.68 -0.19 0.00	22.82 -0.23 0.00	21.61 -0.31 0.00	21.54 -0.26 0.00	22.18 -0.22 0.00	23.99 -0.14 0.00	26.67 0.08 -0.09	25.92 0.15 -0.23	25.73 0.03 -0.19	25.56 0.10 0.00	25.23 -0.08 0.00	24.68 0.02 0.00	23.71 -0.12 0.00	23.64 -0.17 0.00	23.69 -0.17 0.00	23.88 -0.12 0.00	25.92 0.08 0.00	26.52 0.08 0.00	25.72 -0.03 -0.13	25.30 -0.10 -0.01	25.12 -0.18 0.00	24.24 -0.22 0.00	22.96 -0.26 0.00	23.24 -0.21 0.00
FOX_HILLS___ESR 323835	25.54 1.67 0.00	24.55 1.50 0.00	23.37 1.45 0.00	23.20 1.40 0.00	23.84 1.43 0.00	25.75 1.62 0.00	30.08 2.12 -1.46	31.56 2.32 -3.70	30.98 2.32 -3.15	28.94 2.32 -1.17	27.84 2.15 -0.39	26.51 1.77 -0.08	25.50 1.67 0.00	25.47 1.67 0.00	25.50 1.65 0.00	25.75 1.75 0.00	28.11 2.27 0.00	29.00 2.56 0.00	30.28 2.59 -2.07	27.88 2.39 -0.09	27.32 2.02 0.00	26.27 1.81 0.00	24.95 1.74 0.00	24.98 1.52 0.00
FPL_FAR_ROCK_GT1 24212	31.38 2.05 -5.46	25.84 1.91 -0.88	23.76 1.84 0.00	23.57 1.77 0.00	24.22 1.81 0.00	31.46 2.17 -5.15	39.30 2.73 -10.07	37.11 2.94 -8.63	38.85 2.93 -10.41	33.08 2.90 -4.72	28.04 2.73 0.00	26.87 2.22 0.00	25.95 2.12 0.00	25.99 2.19 0.00	27.05 2.19 -1.00	29.65 2.26 -3.39	32.34 2.74 -3.76	38.20 3.07 -8.69	37.61 3.05 -8.95	33.81 2.84 -5.56	32.83 2.63 -4.90	31.66 2.30 -4.91	28.40 2.11 -3.08	27.20 1.92 -1.82
FPL_FAR_ROCK_GT2 23815	31.38 2.05 -5.46	25.84 1.91 -0.88	23.76 1.84 0.00	23.57 1.77 0.00	24.22 1.81 0.00	31.46 2.17 -5.15	39.30 2.73 -10.07	37.11 2.94 -8.63	38.85 2.93 -10.41	33.08 2.90 -4.72	28.04 2.73 0.00	26.87 2.22 0.00	25.95 2.12 0.00	25.99 2.19 0.00	27.05 2.19 -1.00	29.65 2.26 -3.39	32.34 2.74 -3.76	38.20 3.07 -8.69	37.61 3.05 -8.95	33.81 2.84 -5.56	32.83 2.63 -4.90	31.66 2.30 -4.91	28.40 2.11 -3.08	27.20 1.92 -1.82



FRANKLIN_FALL_HYD 24054	24.04 0.17 0.00	23.24 0.18 0.00	22.08 0.15 0.00	22.04 0.24 0.00	22.61 0.20 0.00	24.11 -0.02 0.00	25.94 -0.56 0.00	25.00 -0.54 0.00	24.95 -0.56 0.00	25.08 -0.38 0.00	25.23 -0.08 0.00	25.00 0.35 0.00	24.02 0.19 0.00	24.04 0.24 0.00	24.02 0.17 0.00	24.05 0.05 0.00	25.66 -0.18 0.00	25.88 -0.56 0.00	24.69 -0.92 0.00	24.81 -0.58 0.00	24.79 -0.51 0.00	23.94 -0.51 0.00	22.68 -0.53 0.00	23.17 -0.28 0.00
FREEPORT_EQUS_GT1 23764	31.31 1.98 -5.46	25.75 1.82 -0.88	23.68 1.75 0.00	23.48 1.68 0.00	24.16 1.75 0.00	31.38 2.10 -5.15	39.21 2.65 -10.07	37.01 2.83 -8.63	38.78 2.86 -10.41	32.95 2.78 -4.72	27.91 2.61 0.00	26.75 2.09 0.00	25.83 2.00 0.00	25.92 2.12 0.00	26.95 2.10 -1.00	29.55 2.16 -3.39	32.26 2.66 -3.76	38.12 2.99 -8.69	37.54 2.97 -8.96	33.76 2.79 -5.56	32.75 2.55 -4.90	31.59 2.23 -4.91	28.34 2.04 -3.08	27.13 1.85 -1.82
FREEPORT___CT2 23818	31.31 1.98 -5.46	25.75 1.82 -0.88	23.68 1.75 0.00	23.48 1.68 0.00	24.16 1.75 0.00	31.38 2.10 -5.15	39.21 2.65 -10.07	37.01 2.83 -8.63	38.78 2.86 -10.41	32.95 2.78 -4.72	27.91 2.61 0.00	26.75 2.09 0.00	25.83 2.00 0.00	25.92 2.12 0.00	26.95 2.10 -1.00	29.55 2.16 -3.39	32.26 2.66 -3.76	38.12 2.99 -8.69	37.54 2.97 -8.96	33.76 2.79 -5.56	32.75 2.55 -4.90	31.59 2.23 -4.91	28.34 2.04 -3.08	27.13 1.85 -1.82
FRESHKLS_33_KV_LOAD 356253	25.54 1.67 0.00	24.55 1.50 0.00	23.37 1.45 0.00	23.20 1.40 0.00	23.84 1.43 0.00	25.73 1.59 0.00	30.05 2.09 -1.46	31.51 2.27 -3.70	30.90 2.24 -3.15	28.84 2.21 -1.17	27.77 2.07 -0.39	26.44 1.70 -0.08	25.41 1.57 0.00	25.39 1.60 0.01	25.42 1.57 0.01	25.68 1.68 0.00	28.03 2.20 0.00	28.92 2.49 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.27 1.97 0.00	26.22 1.76 0.00	24.93 1.72 0.00	24.95 1.50 0.00
FULTON COGEN____ 23766	22.99 -0.88 0.00	22.20 -0.85 0.00	21.11 -0.81 0.00	20.97 -0.83 0.00	21.60 -0.81 0.00	23.36 -0.77 0.00	26.23 -0.69 -0.42	25.95 -0.66 -1.08	26.31 -0.69 -1.49	25.78 -0.74 -1.06	25.49 -0.84 -1.03	24.26 -0.94 -0.55	23.39 -0.91 -0.46	23.58 -0.93 -0.70	23.55 -0.93 -0.63	23.68 -0.94 -0.62	27.06 -0.85 -2.07	26.87 -0.61 -1.04	26.30 -0.61 -1.30	24.80 -0.76 -0.16	24.55 -0.86 -0.11	23.56 -0.90 0.00	22.40 -0.81 0.00	22.75 -0.70 0.00
FULTON___LFGE 323630	26.42 2.56 0.00	25.47 2.42 0.00	24.16 2.24 0.00	24.05 2.25 0.00	24.83 2.42 0.00	27.08 2.94 0.00	32.38 3.84 -2.04	34.59 3.88 -5.17	33.63 3.72 -4.40	28.74 3.29 0.00	28.26 2.96 0.00	27.19 2.54 0.00	26.31 2.48 0.00	26.26 2.45 0.00	26.33 2.48 0.00	26.64 2.64 0.00	29.15 3.31 0.00	30.03 3.60 0.00	32.07 3.56 -2.90	28.73 3.20 -0.13	28.63 3.34 0.00	27.59 3.13 0.00	25.97 2.76 0.00	25.99 2.53 0.00
G.F.CEMENT___DRP 24184	25.16 1.29 0.00	24.23 1.18 0.00	23.04 1.12 0.00	22.89 1.09 0.00	23.57 1.17 0.00	25.54 1.40 0.00	30.32 1.96 -1.86	32.23 1.99 -4.70	31.50 1.99 -4.00	27.19 1.73 0.00	26.82 1.52 0.00	25.83 1.18 0.00	25.02 1.19 0.00	24.97 1.17 0.00	25.05 1.19 0.00	25.22 1.22 0.00	27.49 1.65 0.00	28.32 1.88 0.00	30.14 1.90 -2.63	27.22 1.70 -0.12	27.01 1.72 0.00	26.05 1.59 0.00	24.58 1.37 0.00	24.62 1.17 0.00
GARDENVILLE___LBMP 24039	21.22 -2.65 0.00	20.56 -2.49 0.00	19.51 -2.41 0.00	19.43 -2.38 0.00	20.08 -2.33 0.00	22.13 -2.00 0.01	23.78 -1.96 0.75	22.15 -1.61 1.77	20.45 -1.73 3.33	20.37 -1.71 3.38	20.06 -1.97 3.27	20.83 -2.07 1.75	20.31 -2.05 1.47	19.45 -2.12 2.24	19.62 -2.22 2.01	19.76 -2.26 1.98	16.98 -2.02 6.84	21.49 -1.53 3.42	20.74 -1.54 3.34	22.54 -2.57 0.29	22.23 -2.83 0.23	21.56 -2.89 0.01	20.80 -2.41 0.00	21.18 -2.27 0.00
GARDNVLA_35_KV_LD 355827	21.32 -2.55 0.00	20.66 -2.40 0.00	19.60 -2.32 0.00	19.51 -2.29 0.00	20.17 -2.24 0.00	22.22 -1.91 0.01	23.97 -1.83 0.70	22.46 -1.43 1.65	20.82 -1.56 3.14	20.68 -1.55 3.22	20.37 -1.82 3.12	21.07 -1.92 1.66	20.52 -1.91 1.40	19.70 -1.98 2.13	19.86 -2.08 1.91	20.00 -2.11 1.88	17.47 -1.86 6.51	21.81 -1.37 3.25	21.05 -1.41 3.16	22.64 -2.49 0.27	22.32 -2.76 0.22	21.63 -2.81 0.01	20.89 -2.32 0.00	21.27 -2.18 0.00
GELCKHM___115KV_LOAD 80723	23.15 -0.72 0.00	22.36 -0.69 0.00	21.24 -0.68 0.00	21.13 -0.68 0.00	21.76 -0.65 0.00	23.53 -0.60 0.00	26.55 -0.50 -0.56	26.51 -0.46 -1.43	27.06 -0.48 -2.03	26.44 -0.53 -1.52	26.14 -0.63 -1.47	24.67 -0.76 -0.78	23.75 -0.74 -0.66	24.05 -0.76 -1.00	23.99 -0.76 -0.90	24.12 -0.77 -0.89	28.07 -0.67 -2.90	27.46 -0.42 -1.45	26.95 -0.44 -1.77	25.04 -0.58 -0.22	24.77 -0.68 -0.16	23.73 -0.73 -0.01	22.54 -0.67 0.00	22.89 -0.56 0.00
GENERAL___MILLS 23808	21.29 -2.58 0.00	20.61 -2.44 0.00	19.58 -2.35 0.00	19.49 -2.31 0.00	20.12 -2.29 0.00	22.20 -1.93 0.01	23.90 -1.88 0.72	22.37 -1.48 1.69	20.71 -1.61 3.19	20.59 -1.60 3.26	20.30 -1.85 3.16	20.99 -1.97 1.69	20.46 -1.95 1.42	19.62 -2.02 2.16	19.79 -2.12 1.94	19.95 -2.14 1.91	17.35 -1.89 6.60	21.71 -1.43 3.30	20.95 -1.46 3.21	22.58 -2.54 0.28	22.27 -2.81 0.22	21.59 -2.86 0.01	20.87 -2.34 0.00	21.25 -2.20 0.00
GE_PLASTICS___DRP 24183	24.68 0.81 0.00	23.81 0.76 0.00	22.69 0.77 0.00	22.54 0.74 0.00	23.17 0.76 0.00	25.03 0.89 0.00	29.48 1.19 -1.79	31.07 1.00 -4.53	30.34 0.97 -3.86	26.40 0.94 0.00	26.11 0.81 0.00	25.24 0.59 0.00	24.45 0.62 0.00	24.43 0.62 0.00	24.50 0.64 0.00	24.67 0.67 0.00	26.69 0.85 0.00	27.44 1.00 0.00	29.13 0.97 -2.54	26.48 0.97 -0.11	26.18 0.89 0.00	25.26 0.81 0.00	23.98 0.77 0.00	24.18 0.73 0.00
GILBOA___1 23756	24.59 0.72 0.00	23.70 0.64 0.00	22.56 0.64 0.00	22.41 0.61 0.00	23.03 0.63 0.00	24.93 0.80 0.00	29.01 1.09 -1.43	30.27 1.12 -3.61	29.70 1.12 -3.07	26.53 1.07 0.00	26.24 0.94 0.00	25.37 0.72 0.00	24.55 0.71 0.00	24.50 0.69 0.00	24.57 0.71 0.00	24.75 0.74 0.00	26.80 0.96 0.00	27.60 1.16 0.00	28.79 1.15 -2.02	26.53 1.04 -0.09	26.25 0.96 0.00	25.26 0.81 0.00	23.93 0.72 0.00	24.06 0.61 0.00
GILBOA___2 23757	24.59 0.72 0.00	23.70 0.64 0.00	22.56 0.64 0.00	22.41 0.61 0.00	23.03 0.63 0.00	24.93 0.80 0.00	29.01 1.09 -1.43	30.27 1.12 -3.61	29.70 1.12 -3.07	26.53 1.07 0.00	26.24 0.94 0.00	25.37 0.72 0.00	24.55 0.71 0.00	24.50 0.69 0.00	24.57 0.71 0.00	24.75 0.74 0.00	26.80 0.96 0.00	27.60 1.16 0.00	28.79 1.15 -2.02	26.53 1.04 -0.09	26.25 0.96 0.00	25.26 0.81 0.00	23.93 0.72 0.00	24.06 0.61 0.00
GILBOA___3 23758	24.59 0.72 0.00	23.70 0.64 0.00	22.56 0.64 0.00	22.41 0.61 0.00	23.03 0.63 0.00	24.93 0.80 0.00	29.01 1.09 -1.43	30.27 1.12 -3.61	29.70 1.12 -3.07	26.53 1.07 0.00	26.24 0.94 0.00	25.37 0.72 0.00	24.55 0.71 0.00	24.50 0.69 0.00	24.57 0.71 0.00	24.75 0.74 0.00	26.80 0.96 0.00	27.60 1.16 0.00	28.79 1.15 -2.02	26.53 1.04 -0.09	26.25 0.96 0.00	25.26 0.81 0.00	23.93 0.72 0.00	24.06 0.61 0.00



GILBOA___4 23759	24.59 0.72 0.00	23.70 0.64 0.00	22.56 0.64 0.00	22.41 0.61 0.00	23.03 0.63 0.00	24.93 0.80 0.00	29.01 1.09 -1.43	30.27 1.12 -3.61	29.70 1.12 -3.07	26.53 1.07 0.00	26.24 0.94 0.00	25.37 0.72 0.00	24.55 0.71 0.00	24.50 0.69 0.00	24.57 0.71 0.00	24.75 0.74 0.00	26.80 0.96 0.00	27.60 1.16 0.00	28.79 1.15 -2.02	26.53 1.04 -0.09	26.25 0.96 0.00	25.26 0.81 0.00	23.93 0.72 0.00	24.06 0.61 0.00
GILBOA____ 23599	24.56 0.69 0.00	23.70 0.65 0.00	22.54 0.61 0.00	22.39 0.59 0.00	23.04 0.63 0.00	24.91 0.77 0.00	29.01 1.09 -1.43	30.27 1.12 -3.61	29.70 1.12 -3.07	26.53 1.07 0.00	26.24 0.94 0.00	25.37 0.71 0.00	24.52 0.69 0.00	24.52 0.71 0.00	24.57 0.72 0.00	24.74 0.74 0.00	26.79 0.96 0.00	27.60 1.16 0.00	28.79 1.15 -2.02	26.53 1.04 -0.09	26.20 0.91 0.00	25.26 0.81 0.00	23.93 0.72 0.00	24.06 0.61 0.00
GINNA____ 23603	21.22 -2.65 0.00	20.61 -2.44 0.00	19.55 -2.37 0.00	19.43 -2.38 0.00	20.06 -2.35 0.00	21.63 -2.51 0.00	22.53 -2.44 1.53	19.85 -2.20 3.49	17.04 -2.30 6.18	17.13 -2.37 5.96	17.03 -2.51 5.76	18.94 -2.64 3.07	18.67 -2.57 2.59	17.25 -2.62 3.94	17.62 -2.70 3.54	17.85 -2.66 3.48	10.98 -2.61 12.25	18.05 -2.27 6.11	17.24 -2.18 6.20	22.06 -2.44 0.90	22.08 -2.53 0.69	21.78 -2.64 0.03	20.61 -2.60 0.00	21.04 -2.42 0.00
GLEN PARK____ 23778	23.77 -0.10 0.00	22.92 -0.14 0.00	21.70 -0.22 0.00	21.63 -0.18 0.00	22.27 -0.13 0.00	24.09 -0.05 0.00	26.83 0.24 -0.09	26.10 0.33 -0.24	25.89 0.18 -0.20	25.69 0.23 0.00	25.35 0.05 0.00	24.75 0.10 0.00	23.78 -0.05 0.00	23.71 -0.09 0.00	23.76 -0.10 0.00	23.98 -0.02 0.00	26.04 0.21 0.00	26.73 0.29 0.00	25.90 0.15 -0.13	25.45 0.05 -0.01	25.27 -0.03 0.00	24.36 -0.10 0.00	23.07 -0.14 0.00	23.34 -0.12 0.00
GLENDALE_27_KV_LOAD 356172	25.52 1.65 0.00	24.55 1.50 0.00	23.39 1.47 0.00	23.20 1.40 0.00	23.86 1.46 0.00	25.83 1.69 0.00	30.19 2.23 -1.46	31.69 2.45 -3.70	31.13 2.47 -3.15	29.07 2.44 -1.17	27.99 2.30 -0.39	26.66 1.92 -0.08	25.64 1.81 0.00	25.64 1.83 0.00	25.67 1.81 0.00	25.90 1.90 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.44 2.15 0.00	26.36 1.91 0.00	25.00 1.79 0.00	25.00 1.55 0.00
GLENWOOD_IC_1_G5 23712	31.48 2.15 -5.46	25.94 2.01 -0.88	23.85 1.93 0.00	23.66 1.85 0.00	24.33 1.93 0.00	31.55 2.27 -5.15	39.51 2.94 -10.07	37.29 3.12 -8.63	39.08 3.16 -10.41	33.26 3.08 -4.72	28.19 2.88 0.00	26.99 2.34 0.00	26.07 2.24 0.00	26.16 2.36 0.00	27.19 2.34 -1.00	29.81 2.42 -3.39	32.54 2.95 -3.76	38.28 3.15 -8.69	37.70 3.13 -8.96	34.01 3.05 -5.56	32.93 2.73 -4.90	31.84 2.47 -4.91	28.54 2.25 -3.08	27.34 2.06 -1.82
GLENWOOD_IC_2_G1 23688	31.52 2.19 -5.46	25.98 2.05 -0.88	23.90 1.97 0.00	23.70 1.90 0.00	24.36 1.95 0.00	31.60 2.32 -5.15	39.51 2.94 -10.07	37.31 3.14 -8.63	39.11 3.19 -10.41	33.28 3.10 -4.72	28.21 2.91 0.00	27.02 2.37 0.00	26.12 2.29 0.00	26.19 2.38 0.00	27.21 2.36 -1.00	29.81 2.42 -3.39	32.57 2.97 -3.76	38.46 3.33 -8.69	37.77 3.20 -8.96	34.03 3.07 -5.56	33.00 2.81 -4.90	31.84 2.47 -4.91	28.54 2.25 -3.08	27.36 2.09 -1.82
GLENWOOD_IC_3_G1 23689	31.52 2.19 -5.46	25.98 2.05 -0.88	23.90 1.97 0.00	23.70 1.90 0.00	24.36 1.95 0.00	31.60 2.32 -5.15	39.51 2.94 -10.07	37.31 3.14 -8.63	39.11 3.19 -10.41	33.28 3.10 -4.72	28.21 2.91 0.00	27.02 2.37 0.00	26.12 2.29 0.00	26.19 2.38 0.00	27.21 2.36 -1.00	29.81 2.42 -3.39	32.57 2.97 -3.76	38.46 3.33 -8.69	37.77 3.20 -8.96	34.03 3.07 -5.56	33.00 2.81 -4.90	31.84 2.47 -4.91	28.54 2.25 -3.08	27.36 2.09 -1.82
GLENWOOD___4 23550	31.48 2.15 -5.46	25.94 2.01 -0.88	23.85 1.93 0.00	23.66 1.85 0.00	24.33 1.93 0.00	31.55 2.27 -5.15	39.51 2.94 -10.07	37.29 3.12 -8.63	39.08 3.16 -10.41	33.26 3.08 -4.72	28.19 2.88 0.00	26.99 2.34 0.00	26.07 2.24 0.00	26.16 2.36 0.00	27.19 2.34 -1.00	29.81 2.42 -3.39	32.54 2.95 -3.76	38.30 3.17 -8.69	37.72 3.15 -8.96	34.01 3.05 -5.56	32.93 2.73 -4.90	31.84 2.47 -4.91	28.54 2.25 -3.08	27.34 2.06 -1.82
GLENWOOD___5 23614	31.48 2.15 -5.46	25.94 2.01 -0.88	23.85 1.93 0.00	23.66 1.85 0.00	24.33 1.93 0.00	31.55 2.27 -5.15	39.51 2.94 -10.07	37.29 3.12 -8.63	39.08 3.16 -10.41	33.26 3.08 -4.72	28.19 2.88 0.00	26.99 2.34 0.00	26.07 2.24 0.00	26.16 2.36 0.00	27.19 2.34 -1.00	29.81 2.42 -3.39	32.54 2.95 -3.76	38.30 3.17 -8.69	37.72 3.15 -8.96	34.01 3.05 -5.56	32.93 2.73 -4.90	31.84 2.47 -4.91	28.54 2.25 -3.08	27.34 2.06 -1.82
GLOBAL GREEN_PORT_GT1 23814	32.34 3.01 -5.46	26.79 2.86 -0.88	24.66 2.74 0.00	24.44 2.64 0.00	25.14 2.73 0.00	32.47 3.19 -5.15	40.62 4.05 -10.07	38.38 4.21 -8.63	40.15 4.24 -10.41	34.25 4.07 -4.72	29.15 3.84 0.00	27.78 3.13 0.00	26.86 3.03 0.00	26.90 3.09 0.00	27.95 3.10 -1.00	30.53 3.14 -3.39	33.42 3.82 -3.76	39.49 4.36 -8.69	38.93 4.35 -8.96	34.97 4.01 -5.56	33.96 3.77 -4.90	32.77 3.40 -4.92	29.31 3.02 -3.08	28.04 2.77 -1.82
GLOBE___DSASP 323697	20.62 -3.25 0.00	19.99 -3.07 0.00	18.96 -2.96 0.00	18.86 -2.94 0.00	19.47 -2.94 0.00	21.35 -2.78 0.01	22.71 -2.89 0.90	20.69 -2.73 2.12	18.78 -2.86 3.87	18.76 -2.85 3.84	18.52 -3.06 3.72	19.56 -3.11 1.98	19.08 -3.07 1.67	18.12 -3.14 2.54	18.30 -3.27 2.28	18.42 -3.34 2.25	14.91 -3.15 7.78	19.91 -2.64 3.89	19.14 -2.61 3.86	21.93 -3.12 0.35	21.63 -3.39 0.27	21.00 -3.45 0.01	20.15 -3.06 0.00	20.57 -2.88 0.00
GOETHSLN___LBMP 323567	25.21 1.34 0.00	24.25 1.20 0.00	23.11 1.18 0.00	22.94 1.13 0.00	23.57 1.17 0.00	25.56 1.42 0.00	29.92 1.96 -1.46	31.44 2.20 -3.70	30.88 2.22 -3.15	28.81 2.19 -1.16	27.74 2.05 -0.38	26.41 1.68 -0.08	25.41 1.57 0.00	25.40 1.60 0.00	25.43 1.57 0.00	25.66 1.66 0.00	27.91 2.07 0.00	28.77 2.33 0.00	30.04 2.36 -2.07	27.68 2.18 -0.09	27.21 1.92 0.00	26.14 1.69 0.00	24.74 1.53 0.00	24.72 1.27 0.00
GOLAH___69_KV_TB 1_2 80279	22.03 -1.84 0.00	21.35 -1.71 0.00	20.21 -1.71 0.00	20.08 -1.72 0.00	20.75 -1.66 0.00	22.59 -1.54 0.00	24.24 -1.40 0.85	22.18 -1.30 2.06	20.30 -1.40 3.81	20.15 -1.48 3.83	19.90 -1.70 3.70	20.83 -1.85 1.97	20.38 -1.79 1.66	19.42 -1.86 2.53	19.63 -1.96 2.27	19.77 -1.99 2.24	16.27 -1.78 7.78	21.21 -1.35 3.89	20.47 -1.31 3.83	23.16 -1.68 0.56	22.99 -1.87 0.43	22.43 -2.01 0.02	21.35 -1.86 0.00	21.76 -1.69 0.00
GOODYEAR_LAKE_HYD 323669	24.97 1.10 0.00	24.07 1.01 0.00	22.84 0.92 0.00	22.72 0.92 0.00	23.39 0.99 0.00	25.42 1.28 0.00	28.99 1.72 -0.77	29.18 1.79 -1.86	29.32 1.71 -2.10	28.09 1.65 -0.98	27.72 1.47 -0.95	26.36 1.21 -0.50	25.38 1.12 -0.42	25.60 1.14 -0.65	25.56 1.12 -0.58	25.72 1.15 -0.57	29.33 1.47 -2.02	29.25 1.80 -1.01	29.12 1.77 -1.74	27.11 1.52 -0.19	26.78 1.37 -0.12	25.71 1.25 -0.01	24.33 1.11 0.00	24.46 1.01 0.00



GOUDEY___7 345031	23.68 -0.19 0.00	22.87 -0.18 0.00	21.70 -0.22 0.00	21.58 -0.22 0.00	22.25 -0.16 0.00	24.18 0.05 0.00	27.91 0.29 -1.13	28.63 0.43 -2.66	29.23 0.33 -3.38	27.84 0.31 -2.08	27.47 0.15 -2.01	25.67 -0.05 -1.07	24.69 -0.05 -0.90	25.11 -0.07 -1.38	24.99 -0.10 -1.23	25.14 -0.07 -1.22	30.24 0.10 -4.30	29.01 0.42 -2.15	28.99 0.41 -2.97	25.77 0.00 -0.37	25.37 -0.18 -0.26	24.22 -0.24 -0.01	23.05 -0.16 0.00	23.29 -0.16 0.00
GOUDEY___7 23579	23.70 -0.17 0.00	22.87 -0.18 0.00	21.72 -0.20 0.00	21.61 -0.20 0.00	22.27 -0.13 0.00	24.21 0.07 0.00	27.94 0.32 -1.13	28.66 0.46 -2.66	29.25 0.36 -3.38	27.87 0.33 -2.08	27.49 0.18 -2.01	25.70 -0.02 -1.07	24.71 -0.02 -0.90	25.13 -0.05 -1.38	24.99 -0.10 -1.23	25.17 -0.05 -1.22	30.27 0.13 -4.30	29.04 0.45 -2.15	29.02 0.44 -2.97	25.79 0.03 -0.37	25.40 -0.15 -0.26	24.25 -0.22 -0.01	23.07 -0.14 0.00	23.31 -0.14 0.00
GOUDEY___8 23580	23.68 -0.19 0.00	22.87 -0.18 0.00	21.70 -0.22 0.00	21.58 -0.22 0.00	22.25 -0.16 0.00	24.18 0.05 0.00	27.91 0.29 -1.13	28.63 0.43 -2.66	29.23 0.33 -3.38	27.84 0.31 -2.08	27.47 0.15 -2.01	25.67 -0.05 -1.07	24.69 -0.05 -0.90	25.11 -0.07 -1.38	24.99 -0.10 -1.23	25.14 -0.07 -1.22	30.24 0.10 -4.30	29.01 0.42 -2.15	28.99 0.41 -2.97	25.77 0.00 -0.37	25.37 -0.18 -0.26	24.22 -0.24 -0.01	23.05 -0.16 0.00	23.29 -0.16 0.00
GOWANUS_GT1_1 24077	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT1_2 24078	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT1_3 24079	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT1_4 24080	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT1_5 24084	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT1_6 24111	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 0.00	25.59 0.00	25.62 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT1_7 24112	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 0.00	25.59 0.00	25.62 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT1_8 24113	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT2_1 24114	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT2_2 24115	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 0.00	25.59 0.00	25.62 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT2_3 24116	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 0.00	25.59 0.00	25.62 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT2_4 24117	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00



GOWANUS_GT2_5 24118	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT2_6 24119	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT2_7 24120	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT2_8 24121	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT3_1 24122	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT3_2 24123	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT3_3 24124	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT3_4 24125	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT3_5 24126	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT3_6 24127	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT3_7 24128	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT3_8 24129	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
GOWANUS_GT4_1 24130	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT4_2 24131	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT4_3 24132	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00



GOWANUS_GT4_4 24133	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT4_5 24134	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT4_6 24135	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT4_7 24136	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GOWANUS_GT4_8 24137	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GREENBSH_115KV_TB3 55895	24.75 0.88 0.00	23.88 0.83 0.00	22.75 0.83 0.00	22.61 0.81 0.00	23.24 0.83 0.00	25.08 0.94 0.00	29.60 1.30 -1.80	31.01 0.92 -4.56	30.28 0.89 -3.88	26.32 0.87 0.00	26.01 0.71 0.00	25.17 0.52 0.00	24.38 0.55 0.00	24.35 0.55 0.00	24.45 0.60 0.00	24.60 0.60 0.00	26.61 0.78 0.00	27.36 0.93 0.00	29.09 0.92 -2.55	26.43 0.91 -0.12	26.13 0.83 0.00	25.24 0.78 0.00	24.00 0.79 0.00	24.20 0.75 0.00
GREENDGE_115KV_TB5 80291	23.34 -0.53 0.00	22.57 -0.48 0.00	21.40 -0.53 0.00	21.30 -0.50 0.00	22.00 -0.40 0.00	24.04 -0.10 0.00	31.70 0.21 -4.99	37.06 0.26 -11.26	43.57 0.08 -17.98	41.06 0.00 -15.60	40.20 -0.20 -15.10	32.35 -0.35 -8.04	30.32 -0.29 -6.78	33.63 -0.50 -10.32	32.64 -0.48 -9.26	32.64 -0.48 -9.12	57.78 -0.13 -32.07	42.80 0.34 -16.01	43.36 0.31 -17.44	27.77 -0.03 -2.40	26.85 -0.23 -1.79	24.17 -0.37 -0.08	22.89 -0.32 0.00	23.19 -0.26 0.00
GREENIDGE___3 23582	23.34 -0.53 0.00	22.57 -0.48 0.00	21.40 -0.53 0.00	21.30 -0.50 0.00	22.00 -0.40 0.00	24.04 -0.10 0.00	31.70 0.21 -4.99	37.06 0.26 -11.26	43.57 0.08 -17.98	41.06 0.00 -15.60	40.20 -0.20 -15.10	32.35 -0.35 -8.04	30.32 -0.29 -6.78	33.63 -0.50 -10.32	32.64 -0.48 -9.26	32.64 -0.48 -9.12	57.78 -0.13 -32.07	42.80 0.34 -16.01	43.36 0.31 -17.44	27.77 -0.03 -2.40	26.85 -0.23 -1.79	24.17 -0.37 -0.08	22.89 -0.32 0.00	23.19 -0.26 0.00
GREENIDGE___4 23583	23.34 -0.53 0.00	22.59 -0.46 0.00	21.44 -0.48 0.00	21.34 -0.46 0.00	22.05 -0.36 0.00	23.99 -0.14 0.00	31.67 0.19 -4.99	37.06 0.26 -11.26	43.57 0.08 -17.98	41.06 0.00 -15.60	40.20 -0.20 -15.10	32.35 -0.35 -8.04	30.30 -0.31 -6.78	33.65 -0.48 -10.32	32.64 -0.48 -9.26	32.64 -0.48 -9.12	57.56 -0.13 -31.85	42.69 0.34 -15.91	43.24 0.31 -17.31	27.75 -0.03 -2.38	26.89 -0.18 -1.77	24.17 -0.37 -0.08	22.82 -0.39 0.00	23.19 -0.26 0.00
GREENLWN_69_KV_BK 3 55738	31.09 1.77 -5.46	25.57 1.64 -0.88	23.50 1.58 0.00	23.31 1.50 0.00	23.98 1.57 0.00	31.17 1.88 -5.15	38.84 2.28 -10.07	36.55 2.37 -8.63	38.29 2.37 -10.41	32.49 2.32 -4.72	27.40 2.10 0.00	26.28 1.63 0.00	25.38 1.55 0.00	25.73 1.93 0.00	26.78 1.93 -1.00	29.41 2.02 -3.39	31.92 2.33 -3.76	37.64 2.51 -8.69	37.08 2.51 -8.96	33.32 2.36 -5.56	32.32 2.12 -4.90	31.35 1.98 -4.92	28.17 1.88 -3.08	26.94 1.67 -1.82
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00
GRISSOM___SOLAR 323813	26.42 2.56 0.00	25.47 2.42 0.00	24.16 2.24 0.00	24.05 2.25 0.00	24.83 2.42 0.00	27.08 2.94 0.00	32.38 3.84 -2.04	34.59 3.88 -5.17	33.63 3.72 -4.40	28.74 3.29 0.00	28.26 2.96 0.00	27.19 2.54 0.00	26.31 2.48 0.00	26.26 2.45 0.00	26.33 2.48 0.00	26.64 2.64 0.00	29.15 3.31 0.00	30.03 3.60 0.00	32.07 3.56 -2.90	28.73 3.20 -0.13	28.63 3.34 0.00	27.59 3.13 0.00	25.97 2.76 0.00	25.99 2.53 0.00
GROVEVILLE___HYD 323602	25.35 1.48 0.00	24.41 1.36 0.00	23.24 1.32 0.00	23.09 1.29 0.00	23.73 1.32 0.00	25.71 1.57 0.00	30.02 2.04 -1.48	31.43 2.15 -3.75	30.87 2.17 -3.19	27.49 2.04 0.00	27.15 1.85 0.00	26.13 1.48 0.00	25.24 1.41 0.00	25.23 1.43 0.00	25.28 1.43 0.00	25.49 1.49 0.00	27.80 1.96 0.00	28.63 2.19 0.00	29.94 2.23 -2.10	27.60 2.11 -0.09	27.14 1.85 0.00	26.12 1.66 0.00	24.70 1.49 0.00	24.77 1.31 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.32 -0.55 0.00	22.55 -0.51 0.00	21.42 -0.50 0.00	21.30 -0.50 0.00	21.91 -0.49 0.00	23.75 -0.39 0.00	27.14 -0.26 -0.91	27.61 -0.23 -2.30	28.70 -0.26 -3.44	27.91 -0.31 -2.76	27.57 -0.40 -2.67	25.53 -0.54 -1.42	24.51 -0.52 -1.20	25.08 -0.55 -1.83	24.92 -0.57 -1.64	25.06 -0.55 -1.61	30.65 -0.44 -5.25	28.87 -0.19 -2.62	28.44 -0.20 -3.03	25.41 -0.38 -0.40	25.10 -0.48 -0.29	23.93 -0.54 -0.01	22.72 -0.49 0.00	23.05 -0.40 0.00
HAMLTNNY_34_KV_TB 80303	23.30 -0.57 0.00	22.52 -0.53 0.00	21.40 -0.53 0.00	21.26 -0.55 0.00	21.89 -0.52 0.00	23.73 -0.41 0.00	27.34 -0.24 -1.08	28.09 -0.18 -2.73	29.39 -0.26 -4.14	28.52 -0.31 -3.37	28.13 -0.43 -3.26	25.82 -0.57 -1.74	24.73 -0.57 -1.46	25.44 -0.60 -2.23	25.26 -0.60 -2.00	25.37 -0.60 -1.97	32.70 -0.44 -7.30	29.93 -0.16 -3.65	29.57 -0.18 -4.13	25.56 -0.38 -0.55	25.21 -0.48 -0.40	23.91 -0.56 -0.02	22.70 -0.51 0.00	23.03 -0.42 0.00



HAMPSHIRE___PAPER_HYD 323593	23.39 -0.48 0.00	22.64 -0.41 0.00	21.48 -0.44 0.00	21.41 -0.39 0.00	22.03 -0.38 0.00	23.63 -0.51 0.00	25.91 -0.64 -0.05	25.07 -0.59 -0.12	25.10 -0.51 -0.10	25.10 -0.36 0.00	24.97 -0.33 0.00	24.58 -0.07 0.00	23.55 -0.28 0.00	23.45 -0.36 0.00	23.50 -0.36 0.00	23.62 -0.38 0.00	25.40 -0.44 0.00	25.70 -0.74 0.00	24.83 -0.84 -0.06	24.69 -0.71 0.00	24.61 -0.68 0.00	23.85 -0.61 0.00	22.75 -0.46 0.00	23.03 -0.42 0.00
HARDSCRABBLE_WT_PWR 323673	23.92 0.05 0.00	23.05 0.00 0.00	21.94 0.02 0.00	21.82 0.02 0.00	22.45 0.04 0.00	24.26 0.12 0.00	26.79 0.29 0.00	25.82 0.28 0.00	25.82 0.31 0.00	25.79 0.33 0.00	25.58 0.28 0.00	24.95 0.30 0.00	24.14 0.31 0.00	24.11 0.31 0.00	24.16 0.31 0.00	24.29 0.29 0.00	26.17 0.34 0.00	26.84 0.40 0.00	25.97 0.36 0.00	25.68 0.28 0.00	25.55 0.25 0.00	24.70 0.24 0.00	23.42 0.21 0.00	23.62 0.17 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.16 1.29 0.00	24.23 1.18 0.00	23.06 1.14 0.00	22.91 1.11 0.00	23.57 1.17 0.00	25.54 1.40 0.00	29.76 1.88 -1.38	31.05 2.02 -3.49	30.47 1.99 -2.97	27.37 1.91 0.00	27.05 1.75 0.00	26.03 1.38 0.00	25.14 1.31 0.00	25.14 1.33 0.00	25.17 1.31 0.00	25.39 1.39 0.00	27.65 1.81 0.00	28.50 2.06 0.00	29.67 2.10 -1.96	27.44 1.96 -0.09	26.96 1.67 0.00	25.95 1.49 0.00	24.53 1.32 0.00	24.60 1.15 0.00
HARSNRAD_115KV_TB1 81005	20.98 -2.89 0.00	20.36 -2.70 0.00	19.31 -2.61 0.00	19.21 -2.59 0.00	19.83 -2.58 0.00	21.69 -2.44 0.01	23.19 -2.44 0.86	21.32 -2.17 2.04	19.46 -2.30 3.76	19.41 -2.29 3.76	19.14 -2.53 3.63	20.07 -2.64 1.94	19.60 -2.60 1.63	18.63 -2.69 2.49	18.83 -2.79 2.23	18.95 -2.86 2.20	15.62 -2.61 7.61	20.55 -2.09 3.80	19.81 -2.05 3.76	22.28 -2.74 0.38	22.01 -2.98 0.30	21.36 -3.08 0.01	20.50 -2.72 0.00	20.92 -2.53 0.00
HARZA MOOSE___RIVER 24016	24.06 0.19 0.00	23.21 0.16 0.00	22.03 0.11 0.00	21.93 0.13 0.00	22.56 0.16 0.00	24.43 0.29 0.00	27.06 0.50 -0.06	26.19 0.51 -0.14	26.07 0.43 -0.12	25.94 0.48 0.00	25.61 0.30 0.00	25.12 0.47 0.00	24.21 0.38 0.00	24.16 0.36 0.00	24.21 0.36 0.00	24.38 0.38 0.00	26.38 0.54 0.00	26.92 0.48 0.00	26.08 0.38 -0.08	25.71 0.30 0.00	25.55 0.25 0.00	24.65 0.20 0.00	23.35 0.14 0.00	23.59 0.14 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.15 -0.72 0.00	22.36 -0.69 0.00	21.26 -0.66 0.00	21.15 -0.65 0.00	21.76 -0.65 0.00	23.56 -0.58 0.00	26.21 -0.45 -0.16	26.02 -0.41 -0.89	26.19 -0.46 -1.14	25.66 -0.51 -0.71	25.38 -0.61 -0.69	24.28 -0.74 -0.37	23.43 -0.71 -0.31	23.54 -0.74 -0.47	23.51 -0.76 -0.42	23.67 -0.74 -0.42	26.60 -0.65 -1.41	26.75 -0.40 -0.70	26.21 -0.38 -0.98	24.93 -0.58 -0.11	24.69 -0.68 -0.08	23.73 -0.73 0.00	22.56 -0.65 0.00	22.89 -0.56 0.00
HELLGATE_13_KV_LD 55870	25.47 1.60 0.00	24.51 1.45 0.00	23.32 1.40 0.00	23.15 1.35 0.00	23.80 1.39 0.00	25.73 1.59 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.54 1.80 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.09 2.25 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.83 2.34 -0.09	27.29 2.00 0.00	26.24 1.79 0.00	24.91 1.69 0.00	24.93 1.48 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.47 1.60 0.00	24.51 1.45 0.00	23.32 1.40 0.00	23.15 1.35 0.00	23.80 1.39 0.00	25.73 1.59 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.54 1.80 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.09 2.25 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.83 2.34 -0.09	27.29 2.00 0.00	26.24 1.79 0.00	24.91 1.69 0.00	24.93 1.48 0.00
HEMPSTEAD____ 23647	31.24 1.91 -5.46	25.71 1.78 -0.88	23.63 1.71 0.00	23.44 1.64 0.00	24.09 1.68 0.00	31.31 2.03 -5.15	39.16 2.60 -10.07	36.96 2.78 -8.63	38.72 2.81 -10.41	32.90 2.73 -4.72	27.86 2.55 0.00	26.70 2.04 0.00	25.79 1.95 0.00	25.88 2.07 0.00	26.90 2.05 -1.00	29.53 2.14 -3.39	32.21 2.61 -3.76	38.06 2.93 -8.69	37.44 2.87 -8.96	33.68 2.72 -5.56	32.68 2.48 -4.90	31.54 2.18 -4.91	28.26 1.97 -3.08	27.06 1.78 -1.82
HEWLETT__69_KV_BK3 55828	31.26 1.93 -5.46	25.71 1.78 -0.88	23.65 1.73 0.00	23.46 1.66 0.00	24.11 1.70 0.00	31.31 2.03 -5.15	39.19 2.62 -10.07	36.98 2.81 -8.63	38.72 2.81 -10.41	32.95 2.77 -4.72	27.88 2.58 0.00	26.75 2.10 0.00	25.83 2.00 0.00	25.90 2.09 0.00	26.93 2.08 -1.00	29.53 2.14 -3.39	32.21 2.61 -3.76	38.04 2.91 -8.69	37.49 2.92 -8.95	33.70 2.74 -5.56	32.62 2.43 -4.90	31.57 2.20 -4.91	28.31 2.02 -3.08	27.08 1.81 -1.82
HICKLING___1 23621	23.30 -0.57 0.00	22.50 -0.55 0.00	21.35 -0.57 0.00	21.26 -0.55 0.00	21.98 -0.43 0.00	24.06 -0.07 0.00	28.59 0.26 -1.83	30.18 0.46 -4.18	31.93 0.31 -6.12	30.46 0.25 -4.75	29.95 0.05 -4.60	26.93 -0.17 -2.45	25.70 -0.19 -2.06	26.71 -0.24 -3.14	26.36 -0.31 -2.82	26.49 -0.29 -2.78	35.77 0.13 -9.80	31.94 0.61 -4.89	31.97 0.59 -5.76	26.11 -0.08 -0.79	25.53 -0.33 -0.57	24.06 -0.42 -0.02	22.91 -0.30 0.00	23.19 -0.26 0.00
HICKLING___2 23622	23.30 -0.57 0.00	22.50 -0.55 0.00	21.35 -0.57 0.00	21.26 -0.55 0.00	21.98 -0.43 0.00	24.06 -0.07 0.00	28.59 0.26 -1.83	30.18 0.46 -4.18	31.93 0.31 -6.12	30.46 0.25 -4.75	29.95 0.05 -4.60	26.93 -0.17 -2.45	25.70 -0.19 -2.06	26.71 -0.24 -3.14	26.36 -0.31 -2.82	26.49 -0.29 -2.78	35.77 0.13 -9.80	31.94 0.61 -4.89	31.97 0.59 -5.76	26.11 -0.08 -0.79	25.53 -0.33 -0.57	24.06 -0.42 -0.02	22.91 -0.30 0.00	23.19 -0.26 0.00
HIGH FALLS___HY 23754	25.23 1.36 0.00	24.28 1.22 0.00	23.11 1.18 0.00	22.96 1.16 0.00	23.62 1.21 0.00	25.61 1.47 0.00	29.89 1.93 -1.46	31.39 2.15 -3.70	30.80 2.14 -3.15	27.44 1.99 0.00	27.10 1.80 0.00	26.06 1.41 0.00	25.14 1.31 0.00	25.14 1.33 0.00	25.17 1.31 0.00	25.42 1.42 0.00	27.78 1.94 0.00	28.63 2.19 0.00	29.92 2.23 -2.07	27.60 2.11 -0.09	27.06 1.77 0.00	26.02 1.57 0.00	24.58 1.37 0.00	24.65 1.20 0.00
HILLBURN___GT 23639	25.18 1.31 0.00	24.25 1.20 0.00	23.06 1.14 0.00	22.91 1.11 0.00	23.55 1.14 0.00	25.56 1.42 0.00	29.75 1.85 -1.40	31.12 2.04 -3.54	30.56 2.04 -3.01	27.44 1.99 0.00	27.13 1.82 0.00	26.11 1.45 0.00	25.24 1.41 0.00	25.21 1.40 0.00	25.24 1.38 0.00	25.44 1.44 0.00	27.67 1.83 0.00	28.56 2.12 0.00	29.75 2.15 -1.98	27.47 1.98 -0.09	27.06 1.77 0.00	25.95 1.49 0.00	24.56 1.35 0.00	24.60 1.15 0.00
HILLSIDE_115KV_TB1 80332	22.99 -0.88 0.00	22.20 -0.85 0.00	21.09 -0.83 0.00	21.00 -0.81 0.00	21.67 -0.74 0.00	23.70 -0.43 0.00	28.06 -0.16 -1.72	29.54 0.05 -3.95	31.12 -0.10 -5.71	29.72 -0.10 -4.37	29.22 -0.30 -4.23	26.41 -0.49 -2.25	25.23 -0.50 -1.90	26.15 -0.55 -2.89	25.83 -0.62 -2.59	25.95 -0.60 -2.55	34.64 -0.21 -9.01	31.15 0.21 -4.50	31.18 0.20 -5.36	25.67 -0.46 -0.73	25.14 -0.68 -0.53	23.74 -0.73 -0.02	22.63 -0.58 0.00	22.89 -0.56 0.00



HISHELDN_WT_PWR 323625	20.86 -3.01 0.00	20.38 -2.67 0.00	19.40 -2.52 0.00	19.34 -2.46 0.00	20.01 -2.40 0.00	21.69 -2.44 0.01	23.32 -2.38 0.79	21.66 -2.02 1.86	19.93 -2.12 3.47	19.87 -2.09 3.50	19.54 -2.38 3.39	20.38 -2.46 1.81	19.85 -2.45 1.52	18.99 -2.50 2.32	19.17 -2.60 2.08	19.36 -2.59 2.05	16.30 -2.35 7.19	20.97 -1.88 3.59	20.15 -1.92 3.54	22.14 -2.95 0.31	21.86 -3.19 0.25	21.22 -3.23 0.01	20.31 -2.90 0.00	20.87 -2.58 0.00
HOLTSVILLE_IC_1 23690	31.55 2.22 -5.46	26.01 2.08 -0.88	23.92 1.99 0.00	23.70 1.90 0.00	24.38 1.97 0.00	31.65 2.37 -5.15	39.53 2.97 -10.07	37.34 3.17 -8.63	39.08 3.16 -10.41	33.25 3.08 -4.72	28.19 2.88 0.00	26.97 2.32 0.00	26.05 2.22 0.00	26.14 2.33 0.00	27.19 2.34 -1.00	29.77 2.38 -3.39	32.52 2.92 -3.76	38.41 3.28 -8.69	37.88 3.31 -8.96	33.98 3.02 -5.56	33.03 2.83 -4.90	31.89 2.52 -4.92	28.54 2.25 -3.08	27.29 2.02 -1.82
HOLTSVILLE_IC_10 23699	31.69 2.36 -5.46	26.14 2.21 -0.88	24.05 2.13 0.00	23.83 2.03 0.00	24.51 2.11 0.00	31.79 2.51 -5.15	39.74 3.18 -10.07	37.54 3.37 -8.63	39.29 3.37 -10.41	33.43 3.26 -4.72	28.36 3.06 0.00	27.12 2.46 0.00	26.19 2.36 0.00	26.28 2.48 0.00	27.33 2.48 -1.00	29.93 2.54 -3.39	32.70 3.10 -3.76	38.62 3.49 -8.69	38.08 3.51 -8.96	34.19 3.23 -5.56	33.20 3.01 -4.90	32.04 2.67 -4.92	28.68 2.39 -3.08	27.43 2.16 -1.82
HOLTSVILLE_IC_2 23691	31.55 2.22 -5.46	26.01 2.08 -0.88	23.92 1.99 0.00	23.70 1.90 0.00	24.38 1.97 0.00	31.65 2.37 -5.15	39.53 2.97 -10.07	37.34 3.17 -8.63	39.08 3.16 -10.41	33.25 3.08 -4.72	28.19 2.88 0.00	26.97 2.32 0.00	26.05 2.22 0.00	26.14 2.33 0.00	27.19 2.34 -1.00	29.77 2.38 -3.39	32.52 2.92 -3.76	38.41 3.28 -8.69	37.88 3.31 -8.96	33.98 3.02 -5.56	33.03 2.83 -4.90	31.89 2.52 -4.92	28.54 2.25 -3.08	27.29 2.02 -1.82
HOLTSVILLE_IC_3 23692	31.55 2.22 -5.46	26.01 2.08 -0.88	23.92 1.99 0.00	23.70 1.90 0.00	24.38 1.97 0.00	31.65 2.37 -5.15	39.53 2.97 -10.07	37.34 3.17 -8.63	39.08 3.16 -10.41	33.25 3.08 -4.72	28.19 2.88 0.00	26.97 2.32 0.00	26.05 2.22 0.00	26.14 2.33 0.00	27.19 2.34 -1.00	29.77 2.38 -3.39	32.52 2.92 -3.76	38.41 3.28 -8.69	37.88 3.31 -8.96	33.98 3.02 -5.56	33.03 2.83 -4.90	31.89 2.52 -4.92	28.54 2.25 -3.08	27.29 2.02 -1.82
HOLTSVILLE_IC_4 23693	31.55 2.22 -5.46	26.01 2.08 -0.88	23.92 1.99 0.00	23.70 1.90 0.00	24.38 1.97 0.00	31.65 2.37 -5.15	39.53 2.97 -10.07	37.34 3.17 -8.63	39.08 3.16 -10.41	33.25 3.08 -4.72	28.19 2.88 0.00	26.97 2.32 0.00	26.05 2.22 0.00	26.14 2.33 0.00	27.19 2.34 -1.00	29.77 2.38 -3.39	32.52 2.92 -3.76	38.41 3.28 -8.69	37.88 3.31 -8.96	33.98 3.02 -5.56	33.03 2.83 -4.90	31.89 2.52 -4.92	28.54 2.25 -3.08	27.29 2.02 -1.82
HOLTSVILLE_IC_5 23694	31.55 2.22 -5.46	26.01 2.08 -0.88	23.92 1.99 0.00	23.70 1.90 0.00	24.38 1.97 0.00	31.65 2.37 -5.15	39.53 2.97 -10.07	37.34 3.17 -8.63	39.08 3.16 -10.41	33.25 3.08 -4.72	28.19 2.88 0.00	26.97 2.32 0.00	26.05 2.22 0.00	26.14 2.33 0.00	27.19 2.34 -1.00	29.77 2.38 -3.39	32.52 2.92 -3.76	38.41 3.28 -8.69	37.88 3.31 -8.96	33.98 3.02 -5.56	33.03 2.83 -4.90	31.89 2.52 -4.92	28.54 2.25 -3.08	27.29 2.02 -1.82
HOLTSVILLE_IC_6 23695	31.69 2.36 -5.46	26.14 2.21 -0.88	24.05 2.13 0.00	23.83 2.03 0.00	24.51 2.11 0.00	31.79 2.51 -5.15	39.74 3.18 -10.07	37.54 3.37 -8.63	39.29 3.37 -10.41	33.43 3.26 -4.72	28.36 3.06 0.00	27.12 2.46 0.00	26.19 2.36 0.00	26.28 2.48 0.00	27.33 2.48 -1.00	29.93 2.54 -3.39	32.70 3.10 -3.76	38.62 3.49 -8.69	38.08 3.51 -8.96	34.19 3.23 -5.56	33.20 3.01 -4.90	32.04 2.67 -4.92	28.68 2.39 -3.08	27.43 2.16 -1.82
HOLTSVILLE_IC_7 23696	31.69 2.36 -5.46	26.14 2.21 -0.88	24.05 2.13 0.00	23.83 2.03 0.00	24.51 2.11 0.00	31.79 2.51 -5.15	39.74 3.18 -10.07	37.54 3.37 -8.63	39.29 3.37 -10.41	33.43 3.26 -4.72	28.36 3.06 0.00	27.12 2.46 0.00	26.19 2.36 0.00	26.28 2.48 0.00	27.33 2.48 -1.00	29.93 2.54 -3.39	32.70 3.10 -3.76	38.62 3.49 -8.69	38.08 3.51 -8.96	34.19 3.23 -5.56	33.20 3.01 -4.90	32.04 2.67 -4.92	28.68 2.39 -3.08	27.43 2.16 -1.82
HOLTSVILLE_IC_8 23697	31.69 2.36 -5.46	26.14 2.21 -0.88	24.05 2.13 0.00	23.83 2.03 0.00	24.51 2.11 0.00	31.79 2.51 -5.15	39.74 3.18 -10.07	37.54 3.37 -8.63	39.29 3.37 -10.41	33.43 3.26 -4.72	28.36 3.06 0.00	27.12 2.46 0.00	26.19 2.36 0.00	26.28 2.48 0.00	27.33 2.48 -1.00	29.93 2.54 -3.39	32.70 3.10 -3.76	38.62 3.49 -8.69	38.08 3.51 -8.96	34.19 3.23 -5.56	33.20 3.01 -4.90	32.04 2.67 -4.92	28.68 2.39 -3.08	27.43 2.16 -1.82
HOLTSVILLE_IC_9 23698	31.69 2.36 -5.46	26.14 2.21 -0.88	24.05 2.13 0.00	23.83 2.03 0.00	24.51 2.11 0.00	31.79 2.51 -5.15	39.74 3.18 -10.07	37.54 3.37 -8.63	39.29 3.37 -10.41	33.43 3.26 -4.72	28.36 3.06 0.00	27.12 2.46 0.00	26.19 2.36 0.00	26.28 2.48 0.00	27.33 2.48 -1.00	29.93 2.54 -3.39	32.70 3.10 -3.76	38.62 3.49 -8.69	38.08 3.51 -8.96	34.19 3.23 -5.56	33.20 3.01 -4.90	32.04 2.67 -4.92	28.68 2.39 -3.08	27.43 2.16 -1.82
HOMER_HL_115KV_TB2 355744	21.58 -2.29 0.00	20.86 -2.19 0.00	19.82 -2.10 0.00	19.75 -2.05 0.00	20.44 -1.97 0.00	22.83 -1.30 0.01	25.24 -1.19 0.07	24.82 -0.61 0.11	24.08 -0.77 0.67	23.62 -0.76 1.07	23.28 -0.99 1.04	22.89 -1.21 0.55	22.22 -1.14 0.47	21.93 -1.17 0.71	21.95 -1.26 0.64	22.15 -1.22 0.63	22.62 -1.06 2.16	24.64 -0.71 1.08	24.18 -0.64 0.80	22.82 -2.59 -0.02	22.41 -2.88 0.00	21.67 -2.79 0.00	21.24 -1.97 0.00	21.53 -1.92 0.00
HOWARD_WT_PWR 323690	23.37 -0.50 0.00	22.61 -0.44 0.00	21.48 -0.44 0.00	21.41 -0.39 0.00	22.16 -0.25 0.00	24.23 0.10 0.00	28.79 0.50 -1.79	30.39 0.79 -4.06	32.15 0.61 -6.03	30.81 0.56 -4.79	30.25 0.30 -4.64	27.17 0.05 -2.47	25.91 0.00 -2.08	26.93 -0.05 -3.17	26.60 -0.10 -2.85	26.73 -0.07 -2.80	35.94 0.41 -9.69	32.23 0.95 -4.84	32.09 0.87 -5.60	26.29 0.10 -0.79	25.79 -0.08 -0.58	24.21 -0.27 -0.02	22.93 -0.28 0.00	23.29 -0.16 0.00
HQ_GEN_CEDARS 23644	23.77 -0.10 0.00	23.12 0.07 0.00	21.97 0.04 0.00	21.89 0.09 0.00	22.48 0.07 0.00	23.87 -0.27 0.00	25.81 -0.69 0.00	24.85 -0.69 0.00	24.87 -0.64 0.00	24.95 -0.51 0.00	25.02 -0.28 0.00	24.68 0.02 0.00	23.76 -0.07 0.00	23.71 -0.10 0.00	23.76 -0.10 0.00	23.86 -0.14 0.00	25.43 -0.41 0.00	25.65 -0.79 0.00	24.72 -0.90 0.00	24.79 -0.61 0.00	24.86 -0.43 0.00	24.16 -0.29 0.00	22.98 -0.23 0.00	23.43 -0.02 0.00
HQ_GEN_CEDARS_PROXY 323590	23.77 -0.10 0.00	23.12 0.07 0.00	21.97 0.04 0.00	21.89 0.09 0.00	22.48 0.07 0.00	23.92 -0.22 0.00	25.84 -0.66 0.00	24.85 -0.69 0.00	24.87 -0.64 0.00	24.97 -0.48 0.00	25.03 -0.28 0.00	24.68 0.02 0.00	23.76 -0.07 0.00	23.71 -0.09 0.00	23.76 -0.10 0.00	23.86 -0.14 0.00	25.42 -0.41 0.00	25.65 -0.79 0.00	24.72 -0.90 0.00	24.81 -0.58 0.00	24.81 -0.48 0.00	24.16 -0.29 0.00	23.50 -0.07 -0.36	23.07 -0.02 0.36



HQ_GEN_IMPORT 323601	23.82 -0.05 0.00	23.03 -0.02 0.00	21.90 -0.02 0.00	21.78 -0.02 0.00	22.36 -0.04 0.00	24.99 -0.17 -1.02	25.00 -0.48 1.02	25.00 -0.54 0.00	25.00 -0.51 0.00	25.00 -0.46 0.00	24.99 -0.28 0.04	24.66 -0.02 -0.04	23.78 -0.05 0.00	23.76 -0.05 0.00	23.81 -0.05 0.00	24.99 -0.07 -1.06	24.99 -0.31 0.54	25.34 -0.58 0.52	25.00 -0.62 0.00	24.99 -0.41 0.00	24.99 -0.30 0.00	24.31 -0.15 0.00	23.45 -0.12 -0.36	23.00 -0.09 0.36
HQ_GEN_WHEEL 23651	23.82 -0.05 0.00	23.03 -0.02 0.00	21.90 -0.02 0.00	21.78 -0.02 0.00	22.36 -0.04 0.00	24.99 -0.17 -1.02	25.00 -0.48 1.02	25.00 -0.54 0.00	25.00 -0.51 0.00	25.00 -0.46 0.00	24.99 -0.28 0.04	24.66 -0.02 -0.04	23.78 -0.05 0.00	23.76 -0.05 0.00	23.81 -0.05 0.00	24.99 -0.07 -1.06	24.99 -0.31 0.54	25.34 -0.58 0.52	25.00 -0.62 0.00	24.99 -0.41 0.00	24.99 -0.30 0.00	24.31 -0.15 0.00	23.45 -0.12 -0.36	23.00 -0.09 0.36
HUDSON AVE_GT_3 23810	25.35 1.48 0.00	24.39 1.34 0.00	23.24 1.32 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.68 1.54 0.00	30.08 2.12 -1.46	31.59 2.35 -3.70	31.03 2.37 -3.15	28.96 2.34 -1.16	27.86 2.18 -0.38	26.56 1.82 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.57 1.72 0.00	25.78 1.78 0.00	28.06 2.22 0.00	28.92 2.49 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.32 2.02 0.00	26.24 1.79 0.00	24.86 1.65 0.00	24.84 1.38 0.00
HUDSON AVE_GT_4 23540	25.35 1.48 0.00	24.39 1.34 0.00	23.24 1.32 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.68 1.54 0.00	30.08 2.12 -1.46	31.59 2.35 -3.70	31.03 2.37 -3.15	28.96 2.34 -1.16	27.86 2.18 -0.38	26.56 1.82 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.57 1.72 0.00	25.78 1.78 0.00	28.06 2.22 0.00	28.92 2.49 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.32 2.02 0.00	26.24 1.79 0.00	24.86 1.65 0.00	24.84 1.38 0.00
HUDSON AVE_GT_5 23657	25.35 1.48 0.00	24.39 1.34 0.00	23.24 1.32 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.68 1.54 0.00	30.08 2.12 -1.46	31.59 2.35 -3.70	31.03 2.37 -3.15	28.96 2.34 -1.16	27.86 2.18 -0.38	26.56 1.82 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.57 1.72 0.00	25.78 1.78 0.00	28.06 2.22 0.00	28.92 2.49 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.32 2.02 0.00	26.24 1.79 0.00	24.86 1.65 0.00	24.84 1.38 0.00
HUDSON_AVE_10 24168	25.30 1.43 0.00	24.34 1.29 0.00	23.19 1.27 0.00	23.00 1.20 0.00	23.66 1.25 0.00	25.66 1.52 0.00	30.03 2.07 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.15	28.96 2.34 -1.16	27.84 2.15 -0.38	26.51 1.77 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.75 1.75 0.00	28.03 2.20 0.00	28.92 2.49 0.00	30.17 2.48 -2.07	27.80 2.31 -0.09	27.29 2.00 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.81 1.36 0.00
HUDSON___115KV_TB 4 355613	25.23 1.36 0.00	24.32 1.27 0.00	23.17 1.25 0.00	23.02 1.22 0.00	23.69 1.28 0.00	25.59 1.45 0.00	30.05 1.80 -1.76	31.39 1.40 -4.44	30.64 1.35 -3.78	26.76 1.30 0.00	26.39 1.09 0.00	25.49 0.84 0.00	24.69 0.86 0.00	24.66 0.86 0.00	24.76 0.91 0.00	24.96 0.96 0.00	27.16 1.32 0.00	27.89 1.45 0.00	29.44 1.33 -2.49	26.96 1.45 -0.11	26.66 1.37 0.00	25.73 1.27 0.00	24.44 1.23 0.00	24.67 1.22 0.00
HUNTER MOUNT___DRP 323613	25.40 1.53 0.00	24.48 1.43 0.00	23.32 1.40 0.00	23.18 1.37 0.00	23.84 1.43 0.00	25.78 1.64 0.00	30.11 1.91 -1.71	31.29 1.43 -4.32	30.54 1.35 -3.68	26.78 1.32 0.00	26.42 1.11 0.00	25.46 0.81 0.00	24.69 0.86 0.00	24.64 0.83 0.00	24.74 0.88 0.00	24.98 0.98 0.00	27.23 1.40 0.00	27.95 1.51 0.00	29.34 1.31 -2.42	27.03 1.52 -0.11	26.73 1.44 0.00	25.83 1.37 0.00	24.53 1.32 0.00	24.79 1.34 0.00
HUNTINGTON_RES_REC 323705	31.36 2.03 -5.46	25.82 1.89 -0.88	23.74 1.82 0.00	23.55 1.74 0.00	24.20 1.79 0.00	31.46 2.17 -5.15	39.19 2.62 -10.07	36.93 2.76 -8.63	38.70 2.78 -10.41	32.85 2.67 -4.72	27.81 2.51 0.00	26.60 1.95 0.00	25.69 1.86 0.00	25.97 2.17 0.00	27.02 2.17 -1.00	29.65 2.26 -3.39	32.26 2.66 -3.76	38.06 2.93 -8.69	37.52 2.94 -8.96	33.68 2.72 -5.56	32.75 2.55 -4.90	31.65 2.27 -4.92	28.40 2.11 -3.08	27.15 1.88 -1.82
HUNTLEY___63 23557	21.12 -2.75 0.00	20.45 -2.61 0.00	19.42 -2.50 0.00	19.32 -2.49 0.00	19.94 -2.46 0.00	21.91 -2.22 0.01	23.44 -2.23 0.83	21.67 -1.92 1.95	19.83 -2.07 3.61	19.77 -2.06 3.63	19.49 -2.30 3.51	20.36 -2.42 1.87	19.87 -2.38 1.58	18.95 -2.45 2.40	19.12 -2.58 2.16	19.24 -2.64 2.12	16.12 -2.38 7.34	20.92 -1.85 3.67	20.15 -1.84 3.62	22.47 -2.59 0.34	22.17 -2.86 0.26	21.49 -2.96 0.01	20.64 -2.58 0.00	21.06 -2.39 0.00
HUNTLEY___64 23558	21.12 -2.75 0.00	20.45 -2.61 0.00	19.42 -2.50 0.00	19.32 -2.49 0.00	19.94 -2.46 0.00	21.91 -2.22 0.01	23.44 -2.23 0.83	21.67 -1.92 1.95	19.83 -2.07 3.61	19.77 -2.06 3.63	19.49 -2.30 3.51	20.36 -2.42 1.87	19.87 -2.38 1.58	18.95 -2.45 2.40	19.12 -2.58 2.16	19.24 -2.64 2.12	16.12 -2.38 7.34	20.92 -1.85 3.67	20.15 -1.84 3.62	22.47 -2.59 0.34	22.17 -2.86 0.26	21.49 -2.96 0.01	20.64 -2.58 0.00	21.06 -2.39 0.00
HUNTLEY___65 23559	21.12 -2.75 0.00	20.45 -2.61 0.00	19.42 -2.50 0.00	19.32 -2.49 0.00	19.94 -2.46 0.00	21.91 -2.22 0.01	23.44 -2.23 0.83	21.67 -1.92 1.95	19.83 -2.07 3.61	19.77 -2.06 3.63	19.49 -2.30 3.51	20.36 -2.42 1.87	19.87 -2.38 1.58	18.95 -2.45 2.40	19.12 -2.58 2.16	19.24 -2.64 2.12	16.12 -2.38 7.34	20.92 -1.85 3.67	20.15 -1.84 3.62	22.47 -2.59 0.34	22.17 -2.86 0.26	21.49 -2.96 0.01	20.64 -2.58 0.00	21.06 -2.39 0.00
HUNTLEY___66 23560	21.12 -2.75 0.00	20.45 -2.61 0.00	19.42 -2.50 0.00	19.32 -2.49 0.00	19.94 -2.46 0.00	21.91 -2.22 0.01	23.44 -2.23 0.83	21.67 -1.92 1.95	19.83 -2.07 3.61	19.77 -2.06 3.63	19.49 -2.30 3.51	20.36 -2.42 1.87	19.87 -2.38 1.58	18.95 -2.45 2.40	19.12 -2.58 2.16	19.24 -2.64 2.12	16.12 -2.38 7.34	20.92 -1.85 3.67	20.15 -1.84 3.62	22.47 -2.59 0.34	22.17 -2.86 0.26	21.49 -2.96 0.01	20.64 -2.58 0.00	21.06 -2.39 0.00
HUNTLEY___67 23561	21.12 -2.75 0.00	20.47 -2.58 0.00	19.42 -2.50 0.00	19.32 -2.49 0.00	19.97 -2.44 0.00	21.91 -2.22 0.01	23.46 -2.20 0.83	21.66 -1.92 1.96	19.85 -2.04 3.61	19.79 -2.04 3.63	19.52 -2.28 3.51	20.41 -2.37 1.87	19.92 -2.34 1.58	19.00 -2.40 2.40	19.19 -2.50 2.16	19.31 -2.57 2.12	16.18 -2.33 7.34	20.92 -1.85 3.67	20.15 -1.84 3.62	22.47 -2.62 0.32	22.14 -2.91 0.25	21.49 -2.96 0.01	20.66 -2.55 0.00	21.06 -2.39 0.00
HUNTLEY___68 23562	21.12 -2.75 0.00	20.47 -2.58 0.00	19.42 -2.50 0.00	19.32 -2.49 0.00	19.97 -2.44 0.00	21.91 -2.22 0.01	23.46 -2.20 0.83	21.66 -1.92 1.96	19.85 -2.04 3.61	19.79 -2.04 3.63	19.52 -2.28 3.51	20.41 -2.37 1.87	19.92 -2.34 1.58	19.00 -2.40 2.40	19.19 -2.50 2.16	19.31 -2.57 2.12	16.18 -2.33 7.34	20.92 -1.85 3.67	20.15 -1.84 3.62	22.47 -2.62 0.32	22.14 -2.91 0.25	21.49 -2.96 0.01	20.66 -2.55 0.00	21.06 -2.39 0.00



HYLAND___LFGE 323620	23.32 -0.55 0.00	22.61 -0.44 0.00	21.40 -0.53 0.00	21.28 -0.52 0.00	22.07 -0.34 0.00	24.04 -0.10 0.00	27.75 0.37 -0.88	28.20 0.71 -1.95	28.65 0.51 -2.63	27.60 0.33 -1.81	27.05 0.00 -1.75	25.21 -0.37 -0.93	24.21 -0.41 -0.79	24.55 -0.45 -1.20	24.45 -0.48 -1.07	24.72 -0.34 -1.06	29.56 0.13 -3.59	28.97 0.74 -1.79	28.72 0.79 -2.31	25.78 0.08 -0.30	25.43 -0.08 -0.21	24.12 -0.34 -0.01	22.75 -0.46 0.00	23.15 -0.31 0.00
INDECK___CORINTH 23802	25.02 1.15 0.00	24.14 1.08 0.00	22.93 1.01 0.00	22.78 0.98 0.00	23.46 1.05 0.00	25.44 1.30 0.00	30.16 1.80 -1.86	32.09 1.84 -4.71	31.35 1.84 -4.01	27.06 1.60 0.00	26.69 1.39 0.00	25.71 1.06 0.00	24.91 1.07 0.00	24.85 1.05 0.00	24.93 1.07 0.00	25.11 1.10 0.00	27.34 1.50 0.00	28.16 1.72 0.00	30.00 1.74 -2.64	27.07 1.55 -0.12	26.91 1.62 0.00	25.90 1.44 0.00	24.44 1.23 0.00	24.48 1.03 0.00
INDECK___ILION 23567	24.08 0.21 0.00	23.24 0.18 0.00	22.10 0.18 0.00	21.98 0.17 0.00	22.61 0.20 0.00	24.40 0.27 0.00	26.92 0.42 0.00	25.95 0.41 0.00	25.92 0.41 0.00	25.86 0.41 0.00	25.61 0.30 0.00	24.95 0.30 0.00	24.12 0.29 0.00	24.12 0.31 0.00	24.14 0.29 0.00	24.29 0.29 0.00	26.23 0.39 0.00	26.92 0.48 0.00	26.05 0.44 0.00	25.78 0.38 0.00	25.62 0.33 0.00	24.77 0.32 0.00	23.49 0.28 0.00	23.69 0.23 0.00
INDECK___OLEAN 23982	21.62 -2.24 0.00	21.00 -2.05 0.00	19.95 -1.97 0.00	19.88 -1.92 0.00	20.59 -1.81 0.00	22.78 -1.35 0.01	25.21 -1.22 0.07	24.82 -0.61 0.11	24.08 -0.76 0.67	23.62 -0.76 1.07	23.20 -1.06 1.04	22.79 -1.31 0.55	22.12 -1.24 0.47	21.83 -1.26 0.71	21.93 -1.29 0.64	22.15 -1.22 0.63	22.63 -1.06 2.15	24.65 -0.71 1.07	24.18 -0.64 0.79	22.77 -2.64 -0.02	22.46 -2.83 0.00	21.67 -2.79 0.00	21.12 -2.09 0.00	21.53 -1.92 0.00
INDECK___OSWEGO 23783	22.91 -0.96 0.00	22.13 -0.92 0.00	21.07 -0.86 0.00	20.95 -0.85 0.00	21.53 -0.87 0.00	23.22 -0.92 0.00	26.17 -0.79 -0.47	25.99 -0.74 -1.19	26.41 -0.79 -1.69	25.90 -0.82 -1.26	25.61 -0.91 -1.21	24.31 -0.99 -0.65	23.42 -0.95 -0.55	23.66 -0.98 -0.83	23.62 -0.98 -0.75	23.75 -0.99 -0.73	27.49 -0.91 -2.55	26.97 -0.74 -1.27	26.45 -0.72 -1.55	24.76 -0.84 -0.20	24.52 -0.91 -0.14	23.51 -0.95 -0.01	22.33 -0.88 0.00	22.70 -0.75 0.00
INDECK___YERKES 23781	21.15 -2.72 0.00	20.63 -2.42 0.00	19.64 -2.28 0.00	19.53 -2.27 0.00	20.21 -2.20 0.00	21.84 -2.29 0.01	23.44 -2.23 0.83	21.69 -1.89 1.95	19.86 -2.04 3.61	19.79 -2.04 3.63	19.47 -2.33 3.51	20.34 -2.44 1.87	19.82 -2.43 1.58	18.95 -2.45 2.40	19.15 -2.55 2.16	19.26 -2.62 2.12	16.04 -2.35 7.45	20.87 -1.85 3.72	20.12 -1.82 3.68	22.41 -2.64 0.35	22.21 -2.81 0.27	21.51 -2.94 0.01	20.50 -2.72 0.00	21.06 -2.39 0.00
INDIAN POINT_GT_1 24139	25.18 1.31 0.00	24.25 1.20 0.00	23.08 1.16 0.00	22.94 1.13 0.00	23.57 1.17 0.00	25.54 1.40 0.00	29.82 1.88 -1.45	31.29 2.09 -3.66	30.71 2.09 -3.11	27.49 2.04 0.00	27.18 1.87 0.00	26.15 1.50 0.00	25.26 1.43 0.00	25.26 1.45 0.00	25.28 1.43 0.00	25.49 1.49 0.00	27.72 1.89 0.00	28.61 2.17 0.00	29.84 2.18 -2.05	27.52 2.03 -0.09	27.04 1.75 0.00	26.00 1.54 0.00	24.60 1.39 0.00	24.65 1.20 0.00
INDIAN POINT_GT_2 23659	25.18 1.31 0.00	24.25 1.20 0.00	23.08 1.16 0.00	22.94 1.13 0.00	23.57 1.17 0.00	25.54 1.40 0.00	29.82 1.88 -1.45	31.29 2.09 -3.66	30.71 2.09 -3.11	27.49 2.04 0.00	27.18 1.87 0.00	26.15 1.50 0.00	25.26 1.43 0.00	25.26 1.45 0.00	25.28 1.43 0.00	25.49 1.49 0.00	27.72 1.89 0.00	28.61 2.17 0.00	29.84 2.18 -2.05	27.52 2.03 -0.09	27.04 1.75 0.00	26.00 1.54 0.00	24.60 1.39 0.00	24.65 1.20 0.00
INDIAN POINT_GT_3 24019	25.18 1.31 0.00	24.25 1.20 0.00	23.08 1.16 0.00	22.94 1.13 0.00	23.57 1.17 0.00	25.54 1.40 0.00	29.82 1.88 -1.45	31.29 2.09 -3.66	30.71 2.09 -3.11	27.49 2.04 0.00	27.18 1.87 0.00	26.15 1.50 0.00	25.26 1.43 0.00	25.26 1.45 0.00	25.28 1.43 0.00	25.49 1.49 0.00	27.72 1.89 0.00	28.61 2.17 0.00	29.84 2.18 -2.05	27.52 2.03 -0.09	27.04 1.75 0.00	26.00 1.54 0.00	24.60 1.39 0.00	24.65 1.20 0.00
INDIAN POINT___2 23530	25.18 1.31 0.00	24.23 1.18 0.00	23.06 1.14 0.00	22.91 1.11 0.00	23.55 1.14 0.00	25.54 1.40 0.00	29.75 1.83 -1.43	31.20 2.04 -3.62	30.63 2.04 -3.08	27.44 1.99 0.00	27.13 1.82 0.00	26.11 1.45 0.00	25.24 1.41 0.00	25.21 1.40 0.00	25.24 1.38 0.00	25.44 1.44 0.00	27.67 1.83 0.00	28.56 2.12 0.00	29.77 2.12 -2.03	27.47 1.98 -0.09	27.06 1.77 0.00	25.97 1.52 0.00	24.56 1.35 0.00	24.60 1.15 0.00
INDIAN POINT___3 23531	25.16 1.29 0.00	24.23 1.18 0.00	23.06 1.14 0.00	22.89 1.09 0.00	23.55 1.14 0.00	25.51 1.38 0.00	29.80 1.85 -1.45	31.24 2.04 -3.66	30.66 2.04 -3.11	27.44 1.99 0.00	27.13 1.82 0.00	26.11 1.45 0.00	25.24 1.41 0.00	25.23 1.43 0.00	25.26 1.41 0.00	25.46 1.46 0.00	27.70 1.86 0.00	28.55 2.12 0.00	29.82 2.15 -2.05	27.50 2.01 -0.09	27.01 1.72 0.00	25.97 1.52 0.00	24.58 1.37 0.00	24.60 1.15 0.00
INGHAM_C_115KV_TB7 356103	23.99 0.12 0.00	23.12 0.07 0.00	22.01 0.09 0.00	21.89 0.09 0.00	22.52 0.11 0.00	24.33 0.19 0.00	26.87 0.37 0.00	25.84 0.31 0.00	25.84 0.33 0.00	25.81 0.36 0.00	25.58 0.28 0.00	24.95 0.30 0.00	24.14 0.31 0.00	24.12 0.31 0.00	24.16 0.31 0.00	24.29 0.29 0.00	26.17 0.34 0.00	26.86 0.42 0.00	26.00 0.38 0.00	25.70 0.30 0.00	25.55 0.25 0.00	24.75 0.29 0.00	23.47 0.26 0.00	23.66 0.21 0.00
IP CORINTH___1 23988	25.02 1.15 0.00	24.11 1.06 0.00	22.91 0.99 0.00	22.76 0.96 0.00	23.44 1.03 0.00	25.39 1.26 0.00	30.16 1.80 -1.86	32.09 1.84 -4.71	31.35 1.84 -4.01	27.06 1.60 0.00	26.69 1.39 0.00	25.71 1.06 0.00	24.90 1.07 0.00	24.85 1.05 0.00	24.90 1.05 0.00	25.08 1.08 0.00	27.34 1.50 0.00	28.16 1.72 0.00	29.99 1.74 -2.64	27.07 1.55 -0.12	26.86 1.57 0.00	25.90 1.44 0.00	24.44 1.23 0.00	24.48 1.03 0.00
IP___TICONDEROGA 23804	25.73 1.86 0.00	24.76 1.71 0.00	23.50 1.58 0.00	23.37 1.57 0.00	24.09 1.68 0.00	26.16 2.03 0.00	31.16 2.81 -1.86	33.10 2.86 -4.70	32.39 2.88 -4.00	27.93 2.47 0.00	27.45 2.15 0.00	26.40 1.75 0.00	25.60 1.76 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.19 2.35 0.00	29.03 2.59 0.00	30.86 2.61 -2.63	27.85 2.34 -0.12	27.75 2.45 0.00	26.73 2.27 0.00	25.18 1.97 0.00	25.19 1.74 0.00
ISLIP_RES_REC 323679	31.79 2.46 -5.46	26.24 2.31 -0.88	24.14 2.21 0.00	23.92 2.11 0.00	24.61 2.20 0.00	31.89 2.61 -5.15	39.88 3.31 -10.07	37.67 3.50 -8.63	39.44 3.52 -10.41	33.56 3.39 -4.72	28.49 3.19 0.00	27.21 2.56 0.00	26.31 2.48 0.00	26.40 2.60 0.00	27.45 2.60 -1.00	30.03 2.64 -3.39	32.83 3.23 -3.76	38.78 3.65 -8.69	38.24 3.66 -8.96	34.31 3.35 -5.56	33.31 3.11 -4.90	32.16 2.79 -4.92	28.78 2.48 -3.08	27.53 2.25 -1.82



JAMAICA__27_KV_LOAD 355505	25.40 1.53 0.00	24.44 1.38 0.00	23.28 1.36 0.00	23.09 1.29 0.00	23.75 1.34 0.00	25.78 1.64 0.00	30.21 2.25 -1.46	31.77 2.53 -3.70	31.24 2.58 -3.15	29.19 2.57 -1.16	28.07 2.38 -0.38	26.73 2.00 -0.08	25.72 1.88 0.00	25.71 1.90 0.00	25.74 1.88 0.00	25.97 1.97 0.00	28.32 2.48 0.00	29.19 2.75 0.00	30.48 2.79 -2.07	28.06 2.57 -0.09	27.54 2.25 0.00	26.41 1.96 0.00	25.05 1.83 0.00	24.95 1.50 0.00
JANIS__SOLAR 323808	24.75 0.88 0.00	23.88 0.83 0.00	22.60 0.68 0.00	22.50 0.70 0.00	23.21 0.81 0.00	25.27 1.13 0.00	29.44 1.64 -1.30	30.29 1.69 -3.07	31.18 1.45 -4.21	29.86 1.42 -2.98	29.30 1.11 -2.88	26.95 0.77 -1.54	25.77 0.64 -1.29	26.44 0.67 -1.97	26.31 0.69 -1.77	26.53 0.79 -1.74	33.25 1.27 -6.14	31.33 1.82 -3.07	31.18 1.72 -3.85	27.21 1.32 -0.49	26.86 1.21 -0.35	25.50 1.03 -0.02	24.05 0.83 0.00	24.34 0.89 0.00
JARVIS____ 23743	24.04 0.17 0.00	23.19 0.14 0.00	22.05 0.13 0.00	21.93 0.13 0.00	22.54 0.14 0.00	24.33 0.19 0.00	26.79 0.29 0.00	25.85 0.31 0.00	25.82 0.31 0.00	25.74 0.28 0.00	25.53 0.23 0.00	24.80 0.15 0.00	24.00 0.17 0.00	23.97 0.17 0.00	24.02 0.17 0.00	24.17 0.17 0.00	26.10 0.26 0.00	26.76 0.32 0.00	25.95 0.33 0.00	25.68 0.28 0.00	25.55 0.25 0.00	24.65 0.19 0.00	23.38 0.16 0.00	23.59 0.14 0.00
JENNISON____1 23625	25.16 1.29 0.00	24.23 1.18 0.00	22.93 1.01 0.00	22.85 1.05 0.00	23.55 1.14 0.00	25.68 1.54 0.00	29.71 2.09 -1.12	30.36 2.15 -2.68	30.77 1.91 -3.34	29.39 1.96 -1.97	28.88 1.67 -1.91	27.00 1.33 -1.02	25.88 1.19 -0.86	26.33 1.21 -1.31	26.22 1.19 -1.17	26.43 1.27 -1.15	31.63 1.71 -4.09	30.70 2.22 -2.04	30.63 2.10 -2.91	27.48 1.73 -0.35	27.07 1.54 -0.24	25.86 1.39 -0.01	24.42 1.21 0.00	24.65 1.20 0.00
JENNISON____2 23626	25.16 1.29 0.00	24.23 1.18 0.00	22.93 1.01 0.00	22.85 1.05 0.00	23.55 1.14 0.00	25.68 1.54 0.00	29.71 2.09 -1.12	30.36 2.15 -2.68	30.77 1.91 -3.34	29.39 1.96 -1.97	28.88 1.67 -1.91	27.00 1.33 -1.02	25.88 1.19 -0.86	26.33 1.21 -1.31	26.22 1.19 -1.17	26.43 1.27 -1.15	31.63 1.71 -4.09	30.70 2.22 -2.04	30.63 2.10 -2.91	27.48 1.73 -0.35	27.07 1.54 -0.24	25.86 1.39 -0.01	24.42 1.21 0.00	24.65 1.20 0.00
JERICOHO_RISE_WT_PWR 323719	23.92 0.05 0.00	23.10 0.05 0.00	21.97 0.04 0.00	21.93 0.13 0.00	22.45 0.04 0.00	23.99 -0.14 0.00	25.70 -0.79 0.00	24.67 -0.87 0.00	24.62 -0.89 0.00	24.72 -0.74 0.00	24.90 -0.41 0.00	24.73 0.07 0.00	23.78 -0.05 0.00	23.85 0.05 0.00	23.85 0.00 0.00	23.86 -0.14 0.00	25.40 -0.44 0.00	25.54 -0.90 0.00	24.41 -1.20 0.00	24.51 -0.89 0.00	24.38 -0.91 0.00	23.65 -0.81 0.00	22.42 -0.79 0.00	22.87 -0.59 0.00
KATONAH__115KV_46KV_TB4 355592	25.28 1.41 0.00	24.37 1.31 0.00	23.19 1.27 0.00	23.05 1.24 0.00	23.64 1.23 0.00	25.61 1.47 0.00	29.97 1.96 -1.51	31.51 2.15 -3.83	30.98 2.22 -3.26	27.52 2.06 0.00	27.20 1.90 0.00	26.18 1.53 0.00	25.29 1.45 0.00	25.28 1.48 0.00	25.33 1.48 0.00	25.51 1.51 0.00	27.78 1.94 0.00	28.66 2.22 0.00	30.01 2.25 -2.14	27.75 2.26 -0.10	27.21 1.92 0.00	26.17 1.71 0.00	24.72 1.51 0.00	24.77 1.31 0.00
KCE_NY_1 323755	25.09 1.22 0.00	24.21 1.15 0.00	23.00 1.07 0.00	22.87 1.07 0.00	23.53 1.12 0.00	25.49 1.35 0.00	30.13 1.78 -1.86	32.00 1.76 -4.70	31.26 1.76 -4.00	27.06 1.60 0.00	26.72 1.42 0.00	25.79 1.13 0.00	24.98 1.14 0.00	24.90 1.10 0.00	25.00 1.14 0.00	25.18 1.18 0.00	27.36 1.52 0.00	28.16 1.72 0.00	29.99 1.74 -2.63	27.09 1.58 -0.12	26.91 1.62 0.00	25.90 1.44 0.00	24.46 1.25 0.00	24.55 1.10 0.00
KCE_NY_6_ESR 323823	21.34 -2.53 0.00	20.80 -2.26 0.00	19.77 -2.15 0.00	19.69 -2.11 0.00	20.37 -2.04 0.00	22.13 -2.00 0.01	23.90 -1.88 0.72	22.40 -1.45 1.69	20.71 -1.61 3.19	20.59 -1.60 3.26	20.25 -1.90 3.16	20.94 -2.02 1.69	20.41 -2.00 1.42	19.60 -2.05 2.16	19.81 -2.10 1.94	19.95 -2.14 1.91	17.24 -1.89 6.71	21.66 -1.43 3.35	20.91 -1.43 3.28	22.55 -2.56 0.29	22.31 -2.76 0.23	21.61 -2.84 0.01	20.73 -2.48 0.00	21.27 -2.18 0.00
KEDC_PORT_JEFF_GT2 24210	31.79 2.46 -5.46	26.24 2.31 -0.88	24.14 2.21 0.00	23.92 2.11 0.00	24.61 2.20 0.00	31.91 2.63 -5.15	39.85 3.28 -10.07	37.64 3.47 -8.63	39.41 3.50 -10.41	33.53 3.36 -4.72	28.47 3.16 0.00	27.19 2.54 0.00	26.29 2.46 0.00	26.40 2.60 0.00	27.45 2.60 -1.00	30.05 2.66 -3.39	32.83 3.23 -3.76	38.78 3.65 -8.69	38.24 3.66 -8.96	34.31 3.35 -5.56	33.33 3.14 -4.90	32.16 2.79 -4.92	28.80 2.51 -3.08	27.55 2.27 -1.82
KEDC_PORT_JEFF_GT3 24211	31.79 2.46 -5.46	26.24 2.31 -0.88	24.14 2.21 0.00	23.92 2.11 0.00	24.61 2.20 0.00	31.91 2.63 -5.15	39.85 3.28 -10.07	37.64 3.47 -8.63	39.41 3.50 -10.41	33.53 3.36 -4.72	28.47 3.16 0.00	27.19 2.54 0.00	26.29 2.46 0.00	26.40 2.60 0.00	27.45 2.60 -1.00	30.05 2.66 -3.39	32.83 3.23 -3.76	38.78 3.65 -8.69	38.24 3.66 -8.96	34.31 3.35 -5.56	33.33 3.14 -4.90	32.16 2.79 -4.92	28.80 2.51 -3.08	27.55 2.27 -1.82
KEDC_GLWD_GT4 24219	31.52 2.19 -5.46	25.96 2.03 -0.88	23.87 1.95 0.00	23.68 1.88 0.00	24.36 1.95 0.00	31.60 2.32 -5.15	39.51 2.94 -10.07	37.29 3.11 -8.63	39.08 3.16 -10.41	33.26 3.08 -4.72	28.21 2.91 0.00	26.99 2.34 0.00	26.10 2.27 0.00	26.16 2.36 0.00	27.19 2.34 -1.00	29.81 2.42 -3.39	32.54 2.94 -3.76	38.43 3.30 -8.69	37.69 3.12 -8.96	34.01 3.05 -5.56	33.00 2.81 -4.90	31.84 2.47 -4.91	28.54 2.25 -3.08	27.34 2.06 -1.82
KEDC_GLWD_GT5 24220	31.52 2.19 -5.46	25.96 2.03 -0.88	23.87 1.95 0.00	23.68 1.88 0.00	24.36 1.95 0.00	31.60 2.32 -5.15	39.51 2.94 -10.07	37.29 3.11 -8.63	39.08 3.16 -10.41	33.26 3.08 -4.72	28.21 2.91 0.00	26.99 2.34 0.00	26.10 2.27 0.00	26.16 2.36 0.00	27.19 2.34 -1.00	29.81 2.42 -3.39	32.54 2.94 -3.76	38.43 3.30 -8.69	37.69 3.12 -8.96	34.01 3.05 -5.56	33.00 2.81 -4.90	31.84 2.47 -4.91	28.54 2.25 -3.08	27.34 2.06 -1.82
KENSICO____ 23655	25.23 1.36 0.00	24.30 1.24 0.00	23.13 1.21 0.00	22.98 1.18 0.00	23.62 1.21 0.00	25.61 1.47 0.00	29.92 1.96 -1.46	31.40 2.17 -3.69	30.82 2.17 -3.14	27.57 2.11 0.00	27.25 1.95 0.00	26.23 1.58 0.00	25.33 1.50 0.00	25.33 1.52 0.00	25.38 1.53 0.00	25.58 1.58 0.00	27.83 1.99 0.00	28.69 2.25 0.00	29.94 2.25 -2.07	27.60 2.11 -0.09	27.11 1.82 0.00	26.07 1.61 0.00	24.67 1.46 0.00	24.69 1.24 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.23 1.36 0.00	24.30 1.24 0.00	23.13 1.21 0.00	22.98 1.18 0.00	23.64 1.23 0.00	25.61 1.47 0.00	29.85 1.96 -1.39	31.17 2.12 -3.51	30.59 2.09 -2.99	27.39 1.93 0.00	27.05 1.75 0.00	26.01 1.36 0.00	25.10 1.26 0.00	25.09 1.29 0.00	25.14 1.29 0.00	25.39 1.39 0.00	27.72 1.89 0.00	28.58 2.14 0.00	29.76 2.18 -1.97	27.57 2.08 -0.09	27.04 1.75 0.00	26.02 1.57 0.00	24.58 1.37 0.00	24.65 1.20 0.00



KIAC_JFK_GT1 23816	25.35 1.48 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.69 1.28 0.00	25.71 1.57 0.00	30.13 2.17 -1.46	31.69 2.45 -3.70	31.16 2.50 -3.15	29.11 2.49 -1.16	27.99 2.30 -0.38	26.66 1.92 -0.08	25.64 1.81 0.00	25.64 1.83 0.00	25.67 1.81 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.38 2.69 -2.07	27.98 2.49 -0.09	27.47 2.18 0.00	26.34 1.88 0.00	24.95 1.74 0.00	24.88 1.43 0.00
KIAC_JFK_GT2 23817	25.35 1.48 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.69 1.28 0.00	25.71 1.57 0.00	30.13 2.17 -1.46	31.69 2.45 -3.70	31.16 2.50 -3.15	29.11 2.49 -1.16	27.99 2.30 -0.38	26.66 1.92 -0.08	25.64 1.81 0.00	25.64 1.83 0.00	25.67 1.81 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.38 2.69 -2.07	27.98 2.49 -0.09	27.47 2.18 0.00	26.34 1.88 0.00	24.95 1.74 0.00	24.88 1.43 0.00
KIAC_JFK____ 323774	25.37 1.50 0.00	24.41 1.36 0.00	23.24 1.32 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.78 1.64 0.00	30.10 2.15 -1.46	31.69 2.45 -3.70	31.16 2.50 -3.15	29.11 2.50 -1.16	27.99 2.30 -0.38	26.66 1.92 -0.08	25.67 1.84 0.00	25.64 1.83 0.00	25.67 1.81 0.00	25.90 1.90 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.38 2.69 -2.07	27.95 2.46 -0.09	27.52 2.23 0.00	26.34 1.88 0.00	24.98 1.76 0.00	24.91 1.45 0.00
KINTIGH____ 23543	21.39 -2.48 0.00	20.73 -2.33 0.00	19.66 -2.26 0.00	19.56 -2.25 0.00	20.19 -2.22 0.00	21.97 -2.17 0.00	23.99 -2.09 0.41	22.61 -1.94 0.99	21.34 -2.07 2.11	21.03 -2.09 2.34	20.76 -2.28 2.27	21.08 -2.37 1.21	20.48 -2.34 1.02	19.83 -2.43 1.55	19.93 -2.53 1.39	20.02 -2.62 1.37	18.69 -2.38 4.77	22.21 -1.85 2.38	21.58 -1.84 2.19	22.82 -2.16 0.41	22.57 -2.40 0.32	21.92 -2.52 0.01	20.89 -2.32 0.00	21.27 -2.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.28 0.41 0.00	23.45 0.39 0.00	22.29 0.37 0.00	22.26 0.46 0.00	22.81 0.40 0.00	24.38 0.24 0.00	26.05 -0.45 0.00	25.08 -0.46 0.00	24.97 -0.54 0.00	25.08 -0.38 0.00	25.25 -0.05 0.00	25.05 0.39 0.00	24.09 0.26 0.00	24.19 0.38 0.00	24.16 0.31 0.00	24.17 0.17 0.00	25.79 -0.05 0.00	26.02 -0.42 0.00	24.77 -0.85 0.00	24.89 -0.51 0.00	24.81 -0.48 0.00	23.94 -0.51 0.00	22.61 -0.60 0.00	23.22 -0.23 0.00
LACHUTE____HYDRO 323717	25.73 1.86 0.00	24.80 1.75 0.00	23.52 1.60 0.00	23.37 1.57 0.00	24.11 1.70 0.00	26.24 2.10 0.00	31.16 2.81 -1.86	33.10 2.86 -4.70	32.39 2.88 -4.00	27.93 2.47 0.00	27.45 2.15 0.00	26.40 1.75 0.00	25.60 1.76 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.19 2.35 0.00	29.00 2.56 0.00	30.86 2.61 -2.63	27.85 2.34 -0.12	27.80 2.50 0.00	26.73 2.27 0.00	25.16 1.95 0.00	25.19 1.74 0.00
LAWRNCV_115KV_TB1 80681	23.46 -0.41 0.00	22.78 -0.28 0.00	21.64 -0.28 0.00	21.56 -0.24 0.00	22.14 -0.27 0.00	23.53 -0.60 0.00	25.46 -1.03 0.00	24.57 -0.97 0.00	24.72 -0.79 0.00	24.90 -0.56 0.00	24.95 -0.35 0.00	24.58 -0.07 0.00	23.52 -0.31 0.00	23.43 -0.38 0.00	23.45 -0.41 0.00	23.54 -0.46 0.00	25.09 -0.75 0.00	25.28 -1.16 0.00	24.31 -1.31 0.00	24.43 -0.97 0.00	24.51 -0.78 0.00	23.77 -0.68 0.00	22.65 -0.56 0.00	23.15 -0.30 0.00
LEDERLE____ 23769	25.21 1.34 0.00	24.28 1.22 0.00	23.11 1.18 0.00	22.96 1.16 0.00	23.60 1.19 0.00	25.59 1.45 0.00	29.87 1.96 -1.41	31.23 2.12 -3.57	30.66 2.12 -3.04	27.52 2.06 0.00	27.18 1.87 0.00	26.15 1.50 0.00	25.29 1.45 0.00	25.28 1.48 0.00	25.28 1.43 0.00	25.49 1.49 0.00	27.75 1.91 0.00	28.63 2.19 0.00	29.84 2.23 -2.00	27.57 2.08 -0.09	27.06 1.77 0.00	26.02 1.57 0.00	24.63 1.42 0.00	24.67 1.22 0.00
LIGHTHSE_115KV_TB6 355974	23.20 -0.67 0.00	22.41 -0.65 0.00	21.29 -0.64 0.00	21.17 -0.63 0.00	21.76 -0.65 0.00	23.51 -0.63 0.00	26.36 -0.48 -0.34	25.99 -0.43 -0.89	26.21 -0.51 -1.21	25.82 -0.48 -0.84	25.51 -0.61 -0.82	24.44 -0.64 -0.43	23.55 -0.64 -0.37	23.67 -0.69 -0.56	23.64 -0.72 -0.50	23.80 -0.70 -0.49	26.89 -0.59 -1.65	26.84 -0.42 -0.82	26.21 -0.46 -1.06	24.94 -0.58 -0.13	24.70 -0.68 -0.09	23.75 -0.71 0.00	22.59 -0.63 0.00	22.91 -0.54 0.00
LINDEN COGEN____ 23786	25.23 1.36 0.00	24.25 1.20 0.00	23.10 1.18 0.00	22.94 1.13 0.00	23.57 1.16 0.00	25.59 1.45 0.00	29.87 1.91 -1.46	31.44 2.20 -3.70	30.85 2.19 -3.15	28.81 2.19 -1.16	27.71 2.03 -0.38	26.41 1.68 -0.08	25.41 1.57 0.00	25.40 1.60 0.00	25.43 1.57 0.00	25.63 1.63 0.00	27.91 2.07 0.00	28.77 2.33 0.00	30.02 2.33 -2.07	27.65 2.16 -0.09	27.27 1.97 0.00	26.12 1.66 0.00	24.74 1.53 0.00	24.72 1.27 0.00
LINDHRST_69_KV_BK1 356055	31.48 2.15 -5.46	25.94 2.01 -0.88	23.87 1.95 0.00	23.66 1.85 0.00	24.33 1.93 0.00	31.58 2.29 -5.15	39.53 2.97 -10.07	37.31 3.14 -8.63	39.08 3.16 -10.41	33.23 3.05 -4.72	28.14 2.83 0.00	26.97 2.32 0.00	26.03 2.19 0.00	26.14 2.33 0.00	27.17 2.31 -1.00	29.79 2.40 -3.39	32.54 2.95 -3.76	38.46 3.33 -8.69	37.88 3.30 -8.96	34.03 3.07 -5.56	32.95 2.76 -4.90	31.86 2.49 -4.91	28.54 2.25 -3.08	27.32 2.04 -1.82
LIPA_MISC_IPP 23656	31.60 2.27 -5.46	26.05 2.12 -0.88	23.98 2.06 0.00	23.76 1.96 0.00	24.45 2.04 0.00	31.70 2.41 -5.15	39.69 3.13 -10.07	37.47 3.29 -8.63	39.24 3.32 -10.41	33.38 3.21 -4.72	28.29 2.99 0.00	27.04 2.39 0.00	26.12 2.29 0.00	26.23 2.43 0.00	27.29 2.43 -1.00	29.84 2.45 -3.39	32.59 3.00 -3.76	38.62 3.49 -8.69	37.98 3.41 -8.96	34.11 3.15 -5.56	33.08 2.88 -4.90	32.01 2.64 -4.92	28.61 2.32 -3.08	27.34 2.06 -1.82
LISF____SOLAR 323691	31.67 2.34 -5.46	26.14 2.21 -0.88	24.03 2.10 0.00	23.83 2.03 0.00	24.51 2.11 0.00	31.79 2.51 -5.15	39.72 3.15 -10.07	37.54 3.37 -8.63	39.29 3.37 -10.41	33.43 3.26 -4.72	28.36 3.06 0.00	27.09 2.44 0.00	26.19 2.36 0.00	26.26 2.45 0.00	27.31 2.46 -1.00	29.89 2.50 -3.39	32.65 3.05 -3.76	38.59 3.46 -8.69	38.06 3.48 -8.96	34.14 3.17 -5.56	33.18 2.98 -4.90	32.04 2.67 -4.92	28.66 2.37 -3.08	27.36 2.09 -1.82
LITTLE FALLS____HYD 24013	23.99 0.12 0.00	23.12 0.07 0.00	22.01 0.09 0.00	21.89 0.09 0.00	22.52 0.11 0.00	24.33 0.19 0.00	26.87 0.37 0.00	25.84 0.31 0.00	25.84 0.33 0.00	25.81 0.36 0.00	25.58 0.28 0.00	24.95 0.30 0.00	24.14 0.31 0.00	24.12 0.31 0.00	24.16 0.31 0.00	24.29 0.29 0.00	26.17 0.34 0.00	26.86 0.42 0.00	26.00 0.38 0.00	25.70 0.30 0.00	25.55 0.25 0.00	24.75 0.29 0.00	23.47 0.26 0.00	23.66 0.21 0.00
LITTLRIV_115KV_TB1 356100	23.77 -0.10 0.00	23.08 0.02 0.00	21.90 -0.02 0.00	21.85 0.04 0.00	22.43 0.02 0.00	23.87 -0.27 0.00	25.86 -0.64 0.00	24.98 -0.56 0.00	25.08 -0.43 0.00	25.25 -0.20 0.00	25.30 0.00 0.00	24.92 0.27 0.00	23.86 0.02 0.00	23.76 -0.05 0.00	23.78 -0.07 0.00	23.86 -0.14 0.00	25.45 -0.39 0.00	25.62 -0.82 0.00	24.62 -1.00 0.00	24.74 -0.66 0.00	24.81 -0.48 0.00	24.09 -0.37 0.00	22.93 -0.28 0.00	23.38 -0.07 0.00



LI_NEWBRDGE___DRP 323616	31.02 1.69 -5.46	25.50 1.57 -0.88	23.46 1.53 0.00	23.26 1.46 0.00	23.91 1.50 0.00	31.09 1.81 -5.15	38.92 2.36 -10.07	36.70 2.53 -8.63	38.47 2.55 -10.41	32.67 2.49 -4.72	27.61 2.30 0.00	26.48 1.82 0.00	25.57 1.74 0.00	25.69 1.88 0.00	26.71 1.86 -1.00	29.31 1.92 -3.39	31.97 2.38 -3.76	37.77 2.64 -8.69	37.24 2.66 -8.96	33.45 2.49 -5.56	32.40 2.20 -4.90	31.35 1.98 -4.92	28.10 1.81 -3.08	26.87 1.59 -1.82
LOCKPORT_115KV_TB60_63_64 80432	21.01 -2.86 0.00	20.36 -2.70 0.00	19.31 -2.61 0.00	19.21 -2.59 0.00	19.83 -2.58 0.00	21.69 -2.44 0.01	23.20 -2.44 0.86	21.33 -2.17 2.04	19.47 -2.30 3.75	19.39 -2.32 3.75	19.12 -2.56 3.63	20.08 -2.64 1.93	19.58 -2.62 1.63	18.61 -2.71 2.48	18.81 -2.81 2.23	18.95 -2.86 2.19	15.61 -2.64 7.59	20.53 -2.12 3.79	19.82 -2.05 3.75	22.29 -2.72 0.39	22.01 -2.98 0.30	21.36 -3.08 0.01	20.50 -2.72 0.00	20.92 -2.53 0.00
LOCKPORT___CC1 323769	21.03 -2.84 0.00	20.49 -2.56 0.00	19.47 -2.45 0.00	19.43 -2.38 0.00	20.10 -2.31 0.00	21.62 -2.51 0.01	23.17 -2.46 0.86	21.32 -2.17 2.04	19.46 -2.30 3.76	19.39 -2.32 3.76	19.09 -2.58 3.63	20.05 -2.66 1.94	19.53 -2.67 1.63	18.63 -2.69 2.49	18.83 -2.79 2.23	18.95 -2.86 2.20	15.52 -2.61 7.71	20.47 -2.12 3.85	19.74 -2.05 3.82	22.22 -2.79 0.39	22.01 -2.98 0.30	21.36 -3.08 0.01	20.33 -2.88 0.00	20.92 -2.53 0.00
LOCKPORT___CC2 323770	21.03 -2.84 0.00	20.49 -2.56 0.00	19.47 -2.45 0.00	19.43 -2.38 0.00	20.10 -2.31 0.00	21.62 -2.51 0.01	23.17 -2.46 0.86	21.32 -2.17 2.04	19.46 -2.30 3.76	19.39 -2.32 3.76	19.09 -2.58 3.63	20.05 -2.66 1.94	19.53 -2.67 1.63	18.63 -2.69 2.49	18.83 -2.79 2.23	18.95 -2.86 2.20	15.52 -2.61 7.71	20.47 -2.12 3.85	19.74 -2.05 3.82	22.22 -2.79 0.39	22.01 -2.98 0.30	21.36 -3.08 0.01	20.33 -2.88 0.00	20.92 -2.53 0.00
LOCKPORT___CC3 323771	21.03 -2.84 0.00	20.49 -2.56 0.00	19.47 -2.45 0.00	19.43 -2.38 0.00	20.10 -2.31 0.00	21.62 -2.51 0.01	23.17 -2.46 0.86	21.32 -2.17 2.04	19.46 -2.30 3.76	19.39 -2.32 3.76	19.09 -2.58 3.63	20.05 -2.66 1.94	19.53 -2.67 1.63	18.63 -2.69 2.49	18.83 -2.79 2.23	18.95 -2.86 2.20	15.52 -2.61 7.71	20.47 -2.12 3.85	19.74 -2.05 3.82	22.22 -2.79 0.39	22.01 -2.98 0.30	21.36 -3.08 0.01	20.33 -2.88 0.00	20.92 -2.53 0.00
LONG_LAKE_PHOENIX 24014	22.99 -0.88 0.00	22.20 -0.85 0.00	21.11 -0.81 0.00	20.97 -0.83 0.00	21.60 -0.81 0.00	23.36 -0.77 0.00	26.23 -0.69 -0.42	25.95 -0.66 -1.08	26.31 -0.69 -1.49	25.78 -0.74 -1.06	25.49 -0.84 -1.03	24.26 -0.94 -0.55	23.39 -0.91 -0.46	23.58 -0.93 -0.70	23.55 -0.93 -0.63	23.68 -0.94 -0.62	27.06 -0.85 -2.07	26.87 -0.61 -1.04	26.30 -0.61 -1.30	24.80 -0.76 -0.16	24.55 -0.86 -0.11	23.56 -0.90 0.00	22.40 -0.81 0.00	22.75 -0.70 0.00
LOVETT___3 23632	25.11 1.24 0.00	24.18 1.13 0.00	23.02 1.10 0.00	22.87 1.07 0.00	23.51 1.10 0.00	25.49 1.35 0.00	29.74 1.83 -1.42	31.11 1.99 -3.58	30.55 1.99 -3.05	27.39 1.93 0.00	27.07 1.77 0.00	26.08 1.43 0.00	25.19 1.36 0.00	25.19 1.38 0.00	25.21 1.36 0.00	25.42 1.42 0.00	27.65 1.81 0.00	28.53 2.09 -2.01	29.72 2.10 -0.09	27.44 1.96 0.00	26.96 1.67 0.00	25.92 1.47 0.00	24.53 1.32 0.00	24.58 1.13 0.00
LOVETT___4 23642	25.11 1.24 0.00	24.18 1.13 0.00	23.02 1.10 0.00	22.87 1.07 0.00	23.51 1.10 0.00	25.49 1.35 0.00	29.74 1.83 -1.42	31.11 1.99 -3.58	30.55 1.99 -3.05	27.39 1.93 0.00	27.07 1.77 0.00	26.08 1.43 0.00	25.19 1.36 0.00	25.19 1.38 0.00	25.21 1.36 0.00	25.42 1.42 0.00	27.65 1.81 0.00	28.53 2.09 -2.01	29.72 2.10 -0.09	27.44 1.96 0.00	26.96 1.67 0.00	25.92 1.47 0.00	24.53 1.32 0.00	24.58 1.13 0.00
LOVETT___5 23593	25.11 1.24 0.00	24.18 1.13 0.00	23.02 1.10 0.00	22.87 1.07 0.00	23.51 1.10 0.00	25.49 1.35 0.00	29.74 1.83 -1.42	31.11 1.99 -3.58	30.55 1.99 -3.05	27.39 1.93 0.00	27.07 1.77 0.00	26.08 1.43 0.00	25.19 1.36 0.00	25.19 1.38 0.00	25.21 1.36 0.00	25.42 1.42 0.00	27.65 1.81 0.00	28.53 2.09 -2.01	29.72 2.10 -0.09	27.44 1.96 0.00	26.96 1.67 0.00	25.92 1.47 0.00	24.53 1.32 0.00	24.58 1.13 0.00
LOWER RAQUET___HYD 24057	23.34 -0.53 0.00	22.68 -0.37 0.00	21.53 -0.39 0.00	21.48 -0.33 0.00	22.05 -0.36 0.00	23.51 -0.63 0.00	25.43 -1.09 -0.02	24.55 -1.05 -0.06	24.72 -0.84 -0.05	24.87 -0.58 0.00	24.92 -0.38 0.00	24.55 -0.10 0.00	23.45 -0.38 0.00	23.33 -0.48 0.00	23.35 -0.50 0.00	23.42 -0.58 0.00	24.99 -0.85 0.00	25.17 -1.27 0.00	24.24 -1.41 -0.03	24.33 -1.07 0.00	24.31 -0.99 0.00	23.65 -0.81 0.00	22.70 -0.51 0.00	23.05 -0.40 0.00
LOWER___HUDSON 24059	24.90 1.03 0.00	24.02 0.97 0.00	22.84 0.92 0.00	22.70 0.89 0.00	23.35 0.94 0.00	25.27 1.13 0.00	29.81 1.48 -1.83	31.56 1.40 -4.62	30.87 1.43 -3.93	26.81 1.35 0.00	26.49 1.19 0.00	25.56 0.91 0.00	24.76 0.93 0.00	24.71 0.90 0.00	24.83 0.98 0.00	24.99 0.98 0.00	27.08 1.24 0.00	27.89 1.45 0.00	29.66 1.46 -2.59	26.86 1.35 -0.12	26.63 1.34 0.00	25.63 1.17 0.00	24.21 1.00 0.00	24.29 0.84 0.00
LOWVILLE_115KV_TB2 356335	23.77 -0.10 0.00	22.94 -0.12 0.00	21.75 -0.18 0.00	21.67 -0.13 0.00	22.30 -0.11 0.00	24.09 -0.05 0.00	26.69 0.13 -0.06	25.87 0.18 -0.15	25.74 0.10 -0.13	25.64 0.18 0.00	25.33 0.03 0.00	24.97 0.32 0.00	24.02 0.19 0.00	23.97 0.17 0.00	24.02 0.17 0.00	24.19 0.19 0.00	26.17 0.34 0.00	26.54 0.11 0.00	25.70 0.00 -0.09	25.38 -0.03 0.00	25.22 -0.08 0.00	24.33 -0.12 0.00	23.05 -0.16 0.00	23.31 -0.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.06 1.19 0.00	24.16 1.11 0.00	22.97 1.05 0.00	22.83 1.02 0.00	23.51 1.10 0.00	25.44 1.30 0.00	30.10 1.75 -1.86	31.97 1.74 -4.70	31.27 1.76 -4.00	27.04 1.58 0.00	26.69 1.39 0.00	25.76 1.11 0.00	24.95 1.12 0.00	24.90 1.10 0.00	24.97 1.12 0.00	25.15 1.15 0.00	27.34 1.50 0.00	28.13 1.69 0.00	29.96 1.72 -2.63	27.09 1.57 -0.12	26.84 1.54 0.00	25.87 1.42 0.00	24.44 1.23 0.00	24.53 1.08 0.00
LUTHERNY_35_KV_BK2 355980	25.09 1.22 0.00	24.18 1.13 0.00	23.00 1.07 0.00	22.85 1.05 0.00	23.51 1.10 0.00	25.44 1.30 0.00	30.13 1.78 -1.86	32.00 1.76 -4.70	31.27 1.76 -4.00	27.06 1.60 0.00	26.72 1.42 0.00	25.79 1.13 0.00	24.98 1.14 0.00	24.90 1.10 0.00	25.00 1.14 0.00	25.18 1.18 0.00	27.36 1.52 0.00	28.16 1.72 0.00	29.99 1.74 -2.63	27.09 1.57 -0.12	26.84 1.54 0.00	25.90 1.44 0.00	24.47 1.25 0.00	24.55 1.10 0.00
LWR___OSWEGATCHIE_HYD 23850	23.42 -0.45 0.00	22.66 -0.39 0.00	21.51 -0.42 0.00	21.43 -0.37 0.00	22.03 -0.38 0.00	23.61 -0.53 0.00	25.88 -0.66 -0.05	25.07 -0.59 -0.12	25.10 -0.51 -0.10	25.10 -0.36 0.00	24.97 -0.33 0.00	24.58 -0.07 0.00	23.55 -0.29 0.00	23.45 -0.36 0.00	23.50 -0.36 0.00	23.62 -0.38 0.00	25.40 -0.44 0.00	25.70 -0.74 0.00	24.83 -0.85 -0.06	24.69 -0.71 0.00	24.63 -0.66 0.00	23.84 -0.61 0.00	22.65 -0.56 0.00	23.03 -0.42 0.00



LYONS_FALL_HYD 23570	24.06 0.19 0.00	23.22 0.16 0.00	22.03 0.11 0.00	21.93 0.13 0.00	22.57 0.16 0.00	24.40 0.27 0.00	27.06 0.50 -0.06	26.19 0.51 -0.14	26.07 0.43 -0.12	25.94 0.48 0.00	25.61 0.30 0.00	25.12 0.47 0.00	24.21 0.38 0.00	24.16 0.36 0.00	24.21 0.36 0.00	24.38 0.38 0.00	26.38 0.54 0.00	26.92 0.48 0.00	26.08 0.38 -0.08	25.71 0.31 0.00	25.55 0.25 0.00	24.65 0.19 0.00	23.35 0.14 0.00	23.59 0.14 0.00
MADISON___COUNTY_LFGE 323628	24.42 0.55 0.00	23.56 0.51 0.00	22.36 0.44 0.00	22.26 0.46 0.00	22.92 0.52 0.00	24.86 0.72 0.00	27.66 1.06 -0.10	26.84 1.05 -0.25	26.67 0.94 -0.21	26.40 0.94 0.00	26.06 0.76 0.00	25.29 0.64 0.00	24.40 0.57 0.00	24.38 0.57 0.00	24.43 0.57 0.00	24.60 0.60 0.00	26.64 0.80 0.00	27.42 0.98 0.00	26.65 0.90 -0.14	26.14 0.74 -0.01	25.92 0.63 0.00	24.99 0.54 0.00	23.68 0.46 0.00	23.92 0.47 0.00
MALONE___115KV_TB1 356076	24.04 0.17 0.00	23.24 0.18 0.00	22.08 0.15 0.00	22.04 0.24 0.00	22.61 0.20 0.00	24.11 -0.02 0.00	25.94 -0.56 0.00	25.00 -0.54 0.00	24.95 -0.56 0.00	25.08 -0.38 0.00	25.23 -0.08 0.00	25.00 0.35 0.00	24.02 0.19 0.00	24.04 0.24 0.00	24.02 0.17 0.00	24.05 0.05 0.00	25.66 -0.18 0.00	25.88 -0.56 0.00	24.69 -0.92 0.00	24.81 -0.58 0.00	24.79 -0.51 0.00	23.94 -0.51 0.00	22.68 -0.53 0.00	23.17 -0.28 0.00
MAPLEWOD_115KV_TB3 80458	24.87 1.00 0.00	24.00 0.95 0.00	22.86 0.94 0.00	22.70 0.89 0.00	23.35 0.94 0.00	25.22 1.09 0.00	29.80 1.48 -1.82	31.36 1.23 -4.59	30.67 1.25 -3.91	26.65 1.20 0.00	26.32 1.01 0.00	25.44 0.79 0.00	24.64 0.81 0.00	24.62 0.81 0.00	24.71 0.86 0.00	24.86 0.86 0.00	26.90 1.06 0.00	27.71 1.27 0.00	29.44 1.26 -2.57	26.71 1.19 -0.12	26.41 1.11 0.00	25.51 1.05 0.00	24.19 0.97 0.00	24.34 0.89 0.00
MAPLE_RIDGE_WT_1 323574	23.27 -0.60 0.00	22.50 -0.55 0.00	21.40 -0.53 0.00	21.28 -0.52 0.00	21.87 -0.54 0.00	23.49 -0.65 0.00	25.65 -0.85 0.00	24.72 -0.82 0.00	24.75 -0.76 0.00	24.77 -0.69 0.00	24.75 -0.56 0.00	24.28 -0.37 0.00	23.50 -0.33 0.00	23.52 -0.28 0.00	23.59 -0.26 0.00	23.71 -0.29 0.00	25.37 -0.46 0.00	25.75 -0.69 0.00	24.85 -0.77 0.00	24.69 -0.71 0.00	24.51 -0.78 0.00	23.75 -0.71 0.00	22.56 -0.65 0.00	22.80 -0.66 0.00
MAPLE_RIDGE_WT_2 323611	23.27 -0.60 0.00	22.50 -0.55 0.00	21.40 -0.53 0.00	21.28 -0.52 0.00	21.87 -0.54 0.00	23.49 -0.65 0.00	25.65 -0.85 0.00	24.72 -0.82 0.00	24.75 -0.76 0.00	24.77 -0.69 0.00	24.75 -0.56 0.00	24.28 -0.37 0.00	23.50 -0.33 0.00	23.52 -0.28 0.00	23.59 -0.26 0.00	23.71 -0.29 0.00	25.37 -0.46 0.00	25.75 -0.69 0.00	24.85 -0.77 0.00	24.69 -0.71 0.00	24.51 -0.78 0.00	23.75 -0.71 0.00	22.56 -0.65 0.00	22.80 -0.66 0.00
MARBLE_RIVER_WT_PWR 323696	23.97 0.10 0.00	23.15 0.09 0.00	22.01 0.09 0.00	21.96 0.15 0.00	22.50 0.09 0.00	24.04 -0.10 0.00	25.73 -0.77 0.00	24.72 -0.82 0.00	24.67 -0.84 0.00	24.74 -0.71 0.00	24.95 -0.35 0.00	24.73 0.07 0.00	23.81 -0.02 0.00	23.88 0.07 0.00	23.85 0.00 0.00	23.88 -0.12 0.00	25.42 -0.41 0.00	25.62 -0.82 0.00	24.46 -1.15 0.00	24.53 -0.86 0.00	24.38 -0.91 0.00	23.62 -0.83 0.00	22.40 -0.81 0.00	22.87 -0.59 0.00
MARSHVLE_115KV_TB1 80742	25.54 1.67 0.00	24.64 1.59 0.00	23.37 1.45 0.00	23.24 1.44 0.00	23.95 1.55 0.00	26.04 1.91 0.00	31.25 2.62 -2.13	33.50 2.58 -5.38	32.56 2.47 -4.58	27.70 2.24 0.00	27.30 2.00 0.00	26.43 1.77 0.00	25.52 1.69 0.00	25.47 1.67 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.01 2.17 0.00	28.90 2.46 0.00	31.06 2.43 -3.01	27.69 2.16 -0.14	27.42 2.12 0.00	26.53 2.08 0.00	25.02 1.81 0.00	25.09 1.64 0.00
MARSH_HILL_WT_PWR 323713	23.44 -0.43 0.00	22.68 -0.37 0.00	21.53 -0.39 0.00	21.48 -0.33 0.00	22.23 -0.18 0.00	24.31 0.17 0.00	28.74 0.56 -1.68	30.22 0.87 -3.82	31.82 0.66 -5.64	30.52 0.61 -4.45	29.99 0.38 -4.31	27.04 0.10 -2.29	25.84 0.07 -1.93	26.75 0.00 -2.94	26.45 -0.05 -2.64	26.58 -0.02 -2.60	35.31 0.49 -8.99	31.93 1.00 -4.49	31.79 0.95 -5.22	26.34 0.20 -0.74	25.83 0.00 -0.54	24.28 -0.20 -0.02	23.03 -0.19 0.00	23.36 -0.09 0.00
MCINTYRE_115KV_TB2 80467	24.06 0.19 0.00	23.35 0.30 0.00	22.14 0.22 0.00	22.09 0.28 0.00	22.70 0.29 0.00	24.16 0.02 -0.34	26.15 0.00 -0.34	25.21 -0.33 0.00	25.25 -0.26 0.00	25.41 -0.05 0.00	25.46 0.15 0.00	25.09 0.44 0.00	24.07 0.24 0.00	24.02 0.21 0.00	24.04 0.19 0.00	24.12 0.12 0.00	25.71 -0.13 0.00	25.88 -0.56 0.00	24.90 -0.72 0.00	25.02 -0.38 0.00	25.09 -0.20 0.00	24.38 -0.07 0.00	23.19 -0.02 0.00	23.62 0.16 0.00
MECO_____69_KV_BK1 80468	26.42 2.55 0.00	25.45 2.40 0.00	24.14 2.21 0.00	24.03 2.22 0.00	24.81 2.40 0.00	27.01 2.87 0.00	32.38 3.84 -2.04	34.59 3.88 -5.17	33.63 3.72 -4.40	28.74 3.28 0.00	28.26 2.96 0.00	27.19 2.54 0.00	26.31 2.48 0.00	26.26 2.45 0.00	26.33 2.48 0.00	26.64 2.64 0.00	29.15 3.31 0.00	30.03 3.60 0.00	32.07 3.56 -2.90	28.75 3.23 -0.13	28.58 3.29 0.00	27.59 3.13 0.00	26.00 2.79 0.00	25.98 2.53 0.00
MENANDS___115KV_TB5 355628	24.82 0.95 0.00	23.95 0.90 0.00	22.82 0.90 0.00	22.65 0.85 0.00	23.30 0.90 0.00	25.18 1.04 0.00	29.71 1.40 -1.81	31.22 1.10 -4.59	30.51 1.10 -3.90	26.53 1.07 0.00	26.21 0.91 0.00	25.32 0.67 0.00	24.55 0.71 0.00	24.52 0.71 0.00	24.62 0.76 0.00	24.77 0.77 0.00	26.79 0.96 0.00	27.58 1.14 0.00	29.28 1.10 -2.57	26.61 1.09 -0.12	26.30 1.01 0.00	25.39 0.93 0.00	24.09 0.88 0.00	24.27 0.82 0.00
MG INDUSTRY___DRP 24185	24.80 0.93 0.00	23.93 0.88 0.00	22.78 0.85 0.00	22.63 0.83 0.00	23.26 0.85 0.00	25.13 0.99 0.00	29.57 1.30 -1.77	31.12 1.10 -4.48	30.40 1.07 -3.81	26.48 1.02 0.00	26.19 0.89 0.00	25.32 0.67 0.00	24.52 0.69 0.00	24.50 0.69 0.00	24.57 0.72 0.00	24.74 0.74 0.00	26.77 0.93 0.00	27.50 1.06 0.00	29.18 1.05 -2.51	26.53 1.02 -0.11	26.25 0.96 0.00	25.36 0.90 0.00	24.09 0.88 0.00	24.27 0.82 0.00
MID___OSWEGATCHIE_HYD 23849	23.42 -0.45 0.00	22.66 -0.39 0.00	21.51 -0.42 0.00	21.43 -0.37 0.00	22.03 -0.38 0.00	23.61 -0.53 0.00	25.88 -0.66 -0.05	25.07 -0.59 -0.12	25.10 -0.51 -0.10	25.10 -0.36 0.00	24.97 -0.33 0.00	24.58 -0.07 0.00	23.55 -0.29 0.00	23.45 -0.36 0.00	23.50 -0.36 0.00	23.62 -0.38 0.00	25.40 -0.44 0.00	25.70 -0.74 0.00	24.83 -0.85 -0.06	24.69 -0.71 0.00	24.63 -0.66 0.00	23.84 -0.61 0.00	22.65 -0.56 0.00	23.03 -0.42 0.00
MID___RAQUETTE_HYD 23851	23.34 -0.53 0.00	22.68 -0.37 0.00	21.53 -0.39 0.00	21.48 -0.33 0.00	22.05 -0.36 0.00	23.44 -0.70 0.00	25.41 -1.11 -0.02	24.55 -1.05 -0.06	24.72 -0.84 -0.05	24.87 -0.59 0.00	24.92 -0.38 0.00	24.55 -0.10 0.00	23.45 -0.38 0.00	23.33 -0.48 0.00	23.35 -0.50 0.00	23.42 -0.58 0.00	24.99 -0.85 0.00	25.17 -1.27 0.00	24.24 -1.41 -0.03	24.31 -1.09 0.00	24.38 -0.91 0.00	23.65 -0.81 0.00	22.56 -0.65 0.00	23.05 -0.40 0.00



MILLIKEN___1 23584	23.94 0.07 0.00	23.12 0.07 0.00	21.94 0.02 0.00	21.82 0.02 0.00	22.48 0.07 0.00	24.43 0.29 0.00	28.46 0.61 -1.36	29.41 0.66 -3.21	30.73 0.56 -4.66	29.55 0.51 -3.58	29.10 0.33 -3.46	26.62 0.12 -1.85	25.46 0.07 -1.55	26.22 0.05 -2.37	26.03 0.05 -2.12	26.19 0.10 -2.09	33.67 0.36 -7.47	30.91 0.74 -3.73	30.72 0.69 -4.41	26.36 0.38 -0.58	25.97 0.25 -0.42	24.60 0.12 -0.02	23.33 0.12 0.00	23.62 0.16 0.00
MILLIKEN___2 23585	23.94 0.07 0.00	23.12 0.07 0.00	21.94 0.02 0.00	21.82 0.02 0.00	22.48 0.07 0.00	24.43 0.29 0.00	28.46 0.61 -1.36	29.41 0.66 -3.21	30.73 0.56 -4.66	29.55 0.51 -3.58	29.10 0.33 -3.46	26.62 0.12 -1.85	25.46 0.07 -1.55	26.22 0.05 -2.37	26.03 0.05 -2.12	26.19 0.10 -2.09	33.67 0.36 -7.47	30.91 0.74 -3.73	30.72 0.69 -4.41	26.36 0.38 -0.58	25.97 0.25 -0.42	24.60 0.12 -0.02	23.33 0.12 0.00	23.62 0.16 0.00
MILLIKEN___DIESEL 23629	23.94 0.07 0.00	23.12 0.07 0.00	21.94 0.02 0.00	21.82 0.02 0.00	22.48 0.07 0.00	24.43 0.29 0.00	28.46 0.61 -1.36	29.41 0.66 -3.21	30.73 0.56 -4.66	29.55 0.51 -3.58	29.10 0.33 -3.46	26.62 0.12 -1.85	25.46 0.07 -1.55	26.22 0.05 -2.37	26.03 0.05 -2.12	26.19 0.10 -2.09	33.67 0.36 -7.47	30.91 0.74 -3.73	30.72 0.69 -4.41	26.36 0.38 -0.58	25.97 0.25 -0.42	24.60 0.12 -0.02	23.33 0.12 0.00	23.62 0.16 0.00
MILLSEAT___LFGE 323607	21.39 -2.48 0.00	20.84 -2.21 0.00	19.77 -2.15 0.00	19.71 -2.09 0.00	20.39 -2.02 0.00	21.96 -2.17 0.00	23.62 -2.01 0.86	21.81 -1.69 2.04	19.94 -1.81 3.76	19.81 -1.88 3.76	19.51 -2.15 3.64	20.39 -2.32 1.94	19.88 -2.31 1.64	18.96 -2.36 2.49	19.16 -2.46 2.24	19.35 -2.45 2.20	15.88 -2.22 7.73	20.88 -1.69 3.86	20.17 -1.61 3.83	22.66 -2.31 0.43	22.46 -2.50 0.33	21.78 -2.67 0.01	20.68 -2.53 0.00	21.25 -2.21 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.21 1.34 0.00	24.28 1.22 0.00	23.11 1.18 0.00	22.94 1.13 0.00	23.57 1.17 0.00	25.56 1.42 0.00	29.86 1.91 -1.45	31.30 2.09 -3.67	30.75 2.12 -3.12	27.52 2.06 0.00	27.18 1.87 0.00	26.18 1.53 0.00	25.29 1.45 0.00	25.28 1.48 0.00	25.31 1.46 0.00	25.51 1.51 0.00	27.75 1.91 0.00	28.63 2.19 0.00	29.87 2.20 -2.06	27.55 2.06 -0.09	27.06 1.77 0.00	26.02 1.57 0.00	24.63 1.42 0.00	24.65 1.20 0.00
MILLWOOD_13_KV_LOAD 356217	25.25 1.38 0.00	24.32 1.27 0.00	23.15 1.23 0.00	22.98 1.18 0.00	23.62 1.21 0.00	25.61 1.47 0.00	29.91 1.96 -1.45	31.38 2.17 -3.67	30.83 2.19 -3.12	27.57 2.11 0.00	27.23 1.92 0.00	26.20 1.55 0.00	25.31 1.48 0.00	25.33 1.52 0.00	25.36 1.50 0.00	25.56 1.56 0.00	27.80 1.96 0.00	28.69 2.25 0.00	29.95 2.28 -2.06	27.62 2.13 -0.09	27.11 1.82 0.00	26.07 1.61 0.00	24.65 1.44 0.00	24.69 1.24 0.00
MODEL_CITY_ENERGY 24167	20.84 -3.03 0.00	20.33 -2.72 0.00	19.29 -2.63 0.00	19.27 -2.53 0.00	19.92 -2.49 0.00	21.38 -2.75 0.01	22.90 -2.73 0.87	21.02 -2.48 2.04	19.16 -2.60 3.75	19.11 -2.60 3.75	18.82 -2.86 3.63	19.78 -2.93 1.94	19.27 -2.93 1.63	18.37 -2.95 2.48	18.57 -3.05 2.23	18.69 -3.12 2.19	15.22 -2.92 7.70	20.19 -2.41 3.85	19.47 -2.33 3.82	22.03 -3.00 0.37	21.81 -3.19 0.29	21.17 -3.28 0.01	20.15 -3.06 0.00	20.73 -2.72 0.00
MODERN_LFGE___ 323580	20.84 -3.03 0.00	20.33 -2.72 0.00	19.29 -2.63 0.00	19.27 -2.53 0.00	19.92 -2.49 0.00	21.38 -2.75 0.01	22.90 -2.73 0.87	21.02 -2.48 2.04	19.16 -2.60 3.75	19.11 -2.60 3.75	18.82 -2.86 3.63	19.78 -2.93 1.94	19.27 -2.93 1.63	18.37 -2.95 2.48	18.57 -3.05 2.23	18.69 -3.12 2.19	15.22 -2.92 7.70	20.19 -2.41 3.85	19.47 -2.33 3.82	22.03 -3.00 0.37	21.81 -3.19 0.29	21.17 -3.28 0.01	20.15 -3.06 0.00	20.73 -2.72 0.00
MOHAWK_PAPER___DRP 24187	24.87 1.00 0.00	24.00 0.95 0.00	22.86 0.94 0.00	22.70 0.89 0.00	23.35 0.94 0.00	25.22 1.09 0.00	29.80 1.48 -1.82	31.36 1.23 -4.59	30.67 1.25 -3.91	26.65 1.20 0.00	26.32 1.01 0.00	25.44 0.79 0.00	24.64 0.81 0.00	24.62 0.81 0.00	24.71 0.86 0.00	24.86 0.86 0.00	26.90 1.06 0.00	27.71 1.27 0.00	29.44 1.26 -2.57	26.71 1.19 -0.12	26.41 1.11 0.00	25.51 1.05 0.00	24.19 0.97 0.00	24.34 0.89 0.00
MOHICAN__35_KV_115KV_LD 80490	25.16 1.29 0.00	24.23 1.18 0.00	23.04 1.12 0.00	22.89 1.09 0.00	23.57 1.17 0.00	25.54 1.40 0.00	30.32 1.96 -1.86	32.23 1.99 -4.70	31.50 1.99 -4.00	27.19 1.73 0.00	26.82 1.52 0.00	25.83 1.18 0.00	25.02 1.19 0.00	24.97 1.17 0.00	25.05 1.19 0.00	25.22 1.22 0.00	27.49 1.65 0.00	28.32 1.88 0.00	30.14 1.90 -2.63	27.22 1.70 -0.12	27.01 1.72 0.00	26.05 1.59 0.00	24.58 1.37 0.00	24.62 1.17 0.00
MONGAUP___HYD 23641	25.06 1.19 0.00	24.09 1.04 0.00	22.91 0.99 0.00	22.78 0.98 0.00	23.42 1.01 0.00	25.37 1.23 0.00	29.48 1.64 -1.34	30.65 1.71 -3.40	30.06 1.66 -2.89	26.93 1.48 0.00	26.62 1.31 0.00	25.59 0.94 0.00	24.74 0.91 0.00	24.73 0.93 0.00	24.76 0.91 0.00	25.03 1.03 0.00	27.34 1.50 0.00	28.13 1.69 0.00	29.28 1.77 -1.90	27.13 1.65 -0.09	26.73 1.44 0.00	25.68 1.22 0.00	24.28 1.07 0.00	24.39 0.94 0.00
MONTAUK___DIESEL 23721	32.34 3.01 -5.46	26.79 2.86 -0.88	24.66 2.74 0.00	24.44 2.64 0.00	25.16 2.76 0.00	32.47 3.19 -5.15	40.67 4.11 -10.07	38.44 4.26 -8.63	40.18 4.26 -10.41	34.27 4.10 -4.72	29.15 3.85 0.00	27.81 3.16 0.00	26.84 3.00 0.00	26.92 3.12 0.00	27.98 3.12 -1.00	30.56 3.17 -3.39	33.47 3.88 -3.76	39.62 4.49 -8.69	38.98 4.41 -8.96	35.00 4.04 -5.56	33.94 3.74 -4.90	32.79 3.42 -4.92	29.33 3.04 -3.08	28.07 2.79 -1.82
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.03 -2.84 0.00	20.22 -2.84 0.00	19.18 -2.74 0.00	19.30 -2.51 0.00	19.85 -2.55 0.00	21.98 -2.15 0.01	24.07 -1.96 0.47	23.10 -1.33 1.11	21.75 -1.48 2.28	21.54 -1.43 2.49	21.20 -1.70 2.41	21.52 -1.85 1.29	20.91 -1.84 1.08	20.25 -1.90 1.65	20.35 -2.03 1.48	20.53 -2.02 1.46	19.07 -1.76 5.01	22.69 -1.24 2.50	22.05 -1.23 2.34	22.71 -2.51 0.17	22.37 -2.78 0.14	21.59 -2.86 0.01	20.87 -2.34 0.00	21.25 -2.20 0.00
MORTIMER_115KV_TB3 55949	22.10 -1.77 0.00	21.39 -1.66 0.00	20.28 -1.64 0.00	20.17 -1.64 0.00	20.82 -1.59 0.00	22.62 -1.52 0.00	24.27 -1.38 0.85	22.22 -1.25 2.07	20.33 -1.35 3.83	20.21 -1.40 3.84	20.02 -1.57 3.72	20.94 -1.73 1.98	20.47 -1.69 1.67	19.50 -1.76 2.54	19.73 -1.84 2.28	19.91 -1.85 2.25	16.37 -1.65 7.81	21.32 -1.22 3.90	20.59 -1.18 3.85	23.33 -1.50 0.57	23.19 -1.67 0.44	22.63 -1.81 0.02	21.52 -1.69 0.00	21.90 -1.55 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.33 1.46 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.71 1.30 0.00	25.68 1.54 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.18	27.82 2.13 -0.39	26.49 1.75 -0.09	25.48 1.64 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.22 1.76 0.00	24.81 1.60 0.00	24.81 1.36 0.00



MUNSVILLE_WIND_PWR 323609	25.80 1.93 0.00	24.80 1.75 0.00	23.39 1.47 0.00	23.33 1.53 0.00	24.09 1.68 0.00	26.28 2.15 0.00	30.55 2.84 -1.21	31.30 2.88 -2.87	31.84 2.55 -3.78	30.63 2.70 -2.47	30.02 2.33 -2.39	27.83 1.90 -1.28	26.55 1.64 -1.08	27.16 1.72 -1.64	27.04 1.72 -1.47	27.27 1.82 -1.45	33.41 2.43 -5.15	32.13 3.12 -2.57	31.94 2.92 -3.40	28.29 2.46 -0.43	27.94 2.35 -0.30	26.60 2.13 -0.01	24.95 1.74 0.00	25.23 1.78 0.00
N SALMON___HYD 24042	24.04 0.17 0.00	23.24 0.18 0.00	22.10 0.17 0.00	22.04 0.24 0.00	22.61 0.20 0.00	24.16 0.02 0.00	25.97 -0.53 0.00	25.00 -0.54 0.00	24.95 -0.56 0.00	25.10 -0.36 0.00	25.23 -0.08 0.00	25.00 0.34 0.00	24.02 0.19 0.00	24.04 0.24 0.00	24.02 0.17 0.00	24.05 0.05 0.00	25.66 -0.18 0.00	25.88 -0.56 0.00	24.69 -0.92 0.00	24.81 -0.58 0.00	24.71 -0.58 0.00	23.94 -0.51 0.00	22.75 -0.46 0.00	23.17 -0.28 0.00
N.AKRON___115KV_KNAPP 355671	21.36 -2.51 0.00	20.70 -2.35 0.00	19.64 -2.28 0.00	19.51 -2.29 0.00	20.17 -2.24 0.00	22.06 -2.08 0.00	23.65 -1.99 0.86	21.81 -1.69 2.04	19.94 -1.81 3.76	19.84 -1.86 3.76	19.54 -2.13 3.64	20.44 -2.27 1.94	19.96 -2.24 1.64	18.98 -2.33 2.49	19.19 -2.43 2.23	19.35 -2.45 2.20	16.02 -2.20 7.62	20.97 -1.67 3.81	20.26 -1.59 3.76	22.70 -2.29 0.41	22.44 -2.53 0.32	21.78 -2.67 0.01	20.84 -2.37 0.00	21.25 -2.20 0.00
N.BELMOR_69_KV_BK1 55787	31.24 1.91 -5.46	25.71 1.78 -0.88	23.63 1.71 0.00	23.44 1.64 0.00	24.11 1.70 0.00	31.31 2.03 -5.15	39.21 2.65 -10.07	36.98 2.81 -8.63	38.75 2.83 -10.41	32.93 2.75 -4.72	27.86 2.56 0.00	26.72 2.07 0.00	25.79 1.95 0.00	25.90 2.09 0.00	26.93 2.08 -1.00	29.55 2.16 -3.39	32.23 2.64 -3.76	38.09 2.96 -8.69	37.52 2.95 -8.96	33.73 2.77 -5.56	32.65 2.45 -4.90	31.59 2.23 -4.91	28.31 2.02 -3.08	27.08 1.81 -1.82
N.E_GEN_SANDY PD 24062	25.04 1.17 0.00	24.16 1.11 0.00	22.97 1.05 0.00	22.83 1.02 0.00	23.46 1.05 0.00	25.42 1.28 0.00	29.77 1.62 -1.66	31.37 1.64 -4.20	30.90 1.71 -3.68	27.09 1.63 0.00	26.77 1.47 0.00	25.81 1.16 0.00	25.00 1.17 0.00	24.95 1.14 0.00	25.07 1.22 0.00	25.22 1.22 0.00	27.34 1.50 0.00	29.30 1.74 -1.12	29.71 1.74 -2.35	27.58 1.65 -0.53	28.44 1.57 -1.58	25.80 1.34 0.00	24.73 1.16 -0.36	24.06 0.96 0.36
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.16 1.29 0.00	24.21 1.15 0.00	23.06 1.14 0.00	22.89 1.09 0.00	23.55 1.14 0.00	25.51 1.38 0.00	29.76 1.85 -1.41	31.16 2.04 -3.58	30.59 2.04 -3.04	27.44 1.99 0.00	27.13 1.82 0.00	26.11 1.45 0.00	25.21 1.38 0.00	25.21 1.40 0.00	25.24 1.38 0.00	25.44 1.44 0.00	27.67 1.83 0.00	28.55 2.12 0.00	29.77 2.15 -2.00	27.47 1.98 -0.09	26.99 1.69 0.00	25.95 1.49 0.00	24.56 1.35 0.00	24.60 1.15 0.00
N.QUEENS_27_KV_LOAD 356247	25.69 1.81 -0.01	24.72 1.66 -0.01	23.53 1.60 -0.01	23.34 1.53 -0.01	24.01 1.59 -0.01	25.91 1.76 -0.01	30.11 2.15 -1.46	31.61 2.37 -3.70	31.10 2.42 -3.17	29.03 2.39 -1.18	27.95 2.25 -0.40	26.62 1.87 -0.09	25.61 1.76 -0.02	25.61 1.79 -0.02	25.63 1.77 -0.02	25.86 1.85 -0.02	28.18 2.33 -0.02	29.05 2.59 -0.02	30.29 2.59 -2.09	27.92 2.41 -0.11	27.38 2.07 -0.02	26.31 1.86 0.00	25.05 1.83 -0.01	25.10 1.64 -0.01
N.TROY___115KV_TB1 355778	24.87 1.00 0.00	24.00 0.95 0.00	22.84 0.92 0.00	22.70 0.89 0.00	23.33 0.92 0.00	25.22 1.09 0.00	29.81 1.48 -1.83	31.56 1.40 -4.62	30.87 1.43 -3.93	26.81 1.35 0.00	26.49 1.19 0.00	25.56 0.91 0.00	24.76 0.93 0.00	24.71 0.90 0.00	24.83 0.98 0.00	24.98 0.98 0.00	27.08 1.24 0.00	27.89 1.45 0.00	29.66 1.46 -2.59	26.86 1.35 -0.12	26.56 1.26 0.00	25.63 1.17 0.00	24.23 1.02 0.00	24.32 0.87 0.00
NARROWS_GT1_1 24228	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT1_2 24229	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT1_3 24230	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT1_4 24231	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT1_5 24232	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT1_6 24233	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT1_7 24234	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00



NARROWS_GT1_8 24235	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT2_1 24236	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT2_2 24237	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT2_3 24238	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT2_4 24239	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT2_5 24240	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT2_6 24241	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT2_7 24242	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NARROWS_GT2_8 24243	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.40 1.53 0.00	24.48 1.43 0.00	23.32 1.40 0.00	23.18 1.37 0.00	23.84 1.43 0.00	25.78 1.64 0.00	30.11 1.91 -1.71	31.29 1.43 -4.32	30.54 1.35 -3.68	26.78 1.32 0.00	26.42 1.11 0.00	25.46 0.81 0.00	24.69 0.86 0.00	24.64 0.83 0.00	24.74 0.88 0.00	24.98 0.98 0.00	27.23 1.40 0.00	27.95 1.51 0.00	29.34 1.31 -2.42	27.03 1.52 -0.11	26.73 1.44 0.00	25.83 1.37 0.00	24.53 1.32 0.00	24.79 1.34 0.00
NCHELSEA_115KV_TR2 355582	25.30 1.43 0.00	24.39 1.34 0.00	23.22 1.29 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.68 1.54 0.00	29.99 2.01 -1.48	31.40 2.12 -3.74	30.84 2.14 -3.18	27.44 1.99 0.00	27.13 1.82 0.00	26.11 1.45 0.00	25.21 1.38 0.00	25.21 1.40 0.00	25.26 1.41 0.00	25.46 1.46 0.00	27.75 1.91 0.00	28.61 2.17 0.00	29.89 2.18 -2.10	27.57 2.08 -0.09	27.11 1.82 0.00	26.09 1.64 0.00	24.67 1.46 0.00	24.74 1.29 0.00
NEG CAPITAL___MECHNVIL 23645	25.09 1.22 0.00	24.21 1.15 0.00	23.00 1.07 0.00	22.85 1.05 0.00	23.51 1.10 0.00	25.49 1.35 0.00	30.12 1.78 -1.85	31.97 1.76 -4.67	31.24 1.76 -3.98	27.06 1.60 0.00	26.72 1.42 0.00	25.79 1.13 0.00	24.98 1.14 0.00	24.90 1.10 0.00	25.00 1.14 0.00	25.18 1.18 0.00	27.36 1.52 0.00	28.16 1.72 0.00	29.98 1.74 -2.62	27.09 1.58 -0.12	26.91 1.62 0.00	25.87 1.42 0.00	24.44 1.23 0.00	24.53 1.08 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.96 -1.91 0.00	21.30 -1.75 0.00	20.21 -1.71 0.00	20.10 -1.70 0.00	20.75 -1.66 0.00	22.38 -1.76 0.00	23.68 -1.59 1.23	21.33 -1.43 2.78	19.01 -1.51 5.00	18.99 -1.58 4.89	18.82 -1.75 4.74	20.25 -1.87 2.52	19.85 -1.86 2.13	18.66 -1.91 3.24	18.99 -1.96 2.91	19.20 -1.94 2.86	13.96 -1.81 10.07	19.98 -1.43 5.03	19.19 -1.38 5.05	23.01 -1.65 0.74	22.96 -1.77 0.57	22.52 -1.91 0.02	21.31 -1.90 0.00	21.74 -1.71 0.00
NEG CENTRAL___DRP 24199	23.27 -0.60 0.00	22.48 -0.58 0.00	21.33 -0.59 0.00	21.21 -0.59 0.00	21.89 -0.52 0.00	23.82 -0.31 0.00	32.58 -0.05 -6.14	39.48 0.00 -13.95	48.02 -0.10 -22.62	45.25 -0.18 -19.97	44.28 -0.35 -19.33	34.43 -0.52 -10.30	32.03 -0.48 -8.68	36.45 -0.57 -13.21	35.12 -0.60 -11.86	35.10 -0.58 -11.68	66.68 -0.34 -41.18	47.06 0.05 -20.56	47.78 0.05 -22.11	28.18 -0.25 -3.04	27.16 -0.40 -2.27	24.04 -0.51 -0.10	22.72 -0.49 0.00	23.03 -0.42 0.00
NEG CENTRAL___INDECK 23768	23.18 -0.69 0.00	22.48 -0.58 0.00	21.31 -0.61 0.00	21.19 -0.61 0.00	21.94 -0.47 0.00	23.87 -0.26 0.00	27.54 0.16 -0.89	27.96 0.46 -1.96	28.45 0.28 -2.66	27.42 0.13 -1.83	26.93 -0.15 -1.77	25.15 -0.44 -0.95	24.15 -0.48 -0.80	24.50 -0.52 -1.21	24.37 -0.57 -1.09	24.59 -0.48 -1.07	29.41 -0.08 -3.64	28.76 0.50 -1.82	28.47 0.51 -2.34	25.58 -0.13 -0.31	25.21 -0.30 -0.22	23.93 -0.54 -0.01	22.59 -0.63 0.00	23.01 -0.45 0.00



NEG CENTRAL___SENECA 23627	23.27 -0.60 0.00	22.50 -0.55 0.00	21.33 -0.59 0.00	21.21 -0.59 0.00	21.91 -0.49 0.00	23.92 -0.22 0.00	36.31 0.08 -9.73	47.60 0.15 -21.91	61.27 0.03 -35.74	57.17 -0.05 -31.77	55.79 -0.25 -30.74	40.59 -0.44 -16.38	37.23 -0.41 -13.80	44.27 -0.55 -21.02	42.17 -0.55 -18.86	42.02 -0.55 -18.57	90.85 -0.23 -65.24	59.25 0.24 -32.58	60.70 0.20 -34.88	30.05 -0.15 -4.80	28.56 -0.33 -3.60	24.15 -0.46 -0.15	22.77 -0.44 0.00	23.08 -0.38 0.00
NEG CENTRAL___STATE_STREET 24147	23.39 -0.48 0.00	22.62 -0.44 0.00	21.46 -0.46 0.00	21.34 -0.46 0.00	21.98 -0.43 0.00	23.87 -0.27 0.00	28.44 -0.03 -1.97	30.25 0.05 -4.66	32.75 -0.03 -7.27	31.52 -0.08 -6.14	31.02 -0.23 -5.94	27.42 -0.39 -3.17	26.12 -0.38 -2.67	27.44 -0.43 -4.06	27.05 -0.45 -3.65	27.16 -0.43 -3.59	38.50 -0.23 -12.89	32.98 0.11 -6.44	32.82 0.08 -7.13	26.18 -0.18 -0.96	25.73 -0.28 -0.71	24.09 -0.39 -0.03	22.84 -0.37 0.00	23.15 -0.30 0.00
NEG MILLWOOD___DRP 24198	25.40 1.53 0.00	24.46 1.41 0.00	23.28 1.36 0.00	23.15 1.35 0.00	23.73 1.32 0.00	25.71 1.57 0.00	30.06 2.07 -1.50	31.58 2.25 -3.80	31.03 2.30 -3.23	27.57 2.11 0.00	27.25 1.95 0.00	26.20 1.55 0.00	25.31 1.48 0.00	25.31 1.50 0.00	25.36 1.50 0.00	25.56 1.56 0.00	27.85 2.02 0.00	28.74 2.30 0.00	30.07 2.33 -2.13	27.78 2.29 -0.10	27.29 2.00 0.00	26.22 1.76 0.00	24.74 1.53 0.00	24.81 1.36 0.00
NEG NORTH_FLCN_SEA 23793	24.25 0.38 0.00	23.42 0.37 0.00	22.27 0.35 0.00	22.24 0.44 0.00	22.77 0.36 0.00	24.33 0.19 0.00	25.91 -0.58 0.00	24.95 -0.59 0.00	24.85 -0.66 0.00	24.92 -0.53 0.00	25.13 -0.18 0.00	24.92 0.27 0.00	23.98 0.14 0.00	24.04 0.24 0.00	24.04 0.19 0.00	24.05 0.05 0.00	25.63 -0.21 0.00	25.83 -0.61 0.00	24.62 -1.00 0.00	24.71 -0.69 0.00	24.66 -0.63 0.00	23.80 -0.66 0.00	22.49 -0.72 0.00	23.17 -0.28 0.00
NEG NORTH_KES_CHATEGAY 23792	23.99 0.12 0.00	23.19 0.14 0.00	22.03 0.11 0.00	22.00 0.20 0.00	22.54 0.13 0.00	24.04 -0.10 0.00	25.75 -0.74 0.00	24.80 -0.74 0.00	24.69 -0.82 0.00	24.80 -0.66 0.00	25.00 -0.30 0.00	24.80 0.15 0.00	23.86 0.02 0.00	23.93 0.12 0.00	23.93 0.07 0.00	23.95 -0.05 0.00	25.50 -0.34 0.00	25.67 -0.77 0.00	24.49 -1.13 0.00	24.58 -0.81 0.00	24.56 -0.73 0.00	23.72 -0.73 0.00	22.42 -0.79 0.00	22.94 -0.52 0.00
NEG NORTH___ALICE_FALLS 23915	24.28 0.41 0.00	23.45 0.39 0.00	22.29 0.37 0.00	22.26 0.46 0.00	22.81 0.40 0.00	24.38 0.24 0.00	26.05 -0.45 0.00	25.08 -0.46 0.00	24.97 -0.54 0.00	25.08 -0.38 0.00	25.25 -0.05 0.00	25.05 0.39 0.00	24.09 0.26 0.00	24.19 0.38 0.00	24.16 0.31 0.00	24.17 0.17 0.00	25.79 -0.05 0.00	26.02 -0.42 0.00	24.77 -0.85 0.00	24.89 -0.51 0.00	24.81 -0.48 0.00	23.94 -0.51 0.00	22.61 -0.60 0.00	23.22 -0.23 0.00
NEG NORTH___LWR_SARANAC 23913	24.28 0.41 0.00	23.45 0.39 0.00	22.29 0.37 0.00	22.26 0.46 0.00	22.81 0.40 0.00	24.38 0.24 0.00	26.05 -0.45 0.00	25.08 -0.46 0.00	24.97 -0.54 0.00	25.08 -0.38 0.00	25.25 -0.05 0.00	25.05 0.39 0.00	24.09 0.26 0.00	24.19 0.38 0.00	24.16 0.31 0.00	24.17 0.17 0.00	25.79 -0.05 0.00	26.02 -0.42 0.00	24.77 -0.85 0.00	24.89 -0.51 0.00	24.81 -0.48 0.00	23.94 -0.51 0.00	22.61 -0.60 0.00	23.22 -0.23 0.00
NEG NORTH___PLATTSBURG 23628	24.30 0.43 0.00	23.45 0.39 0.00	22.29 0.37 0.00	22.26 0.46 0.00	22.81 0.40 0.00	24.43 0.29 0.00	26.07 -0.42 0.00	25.08 -0.46 0.00	24.97 -0.54 0.00	25.08 -0.38 0.00	25.25 -0.05 0.00	25.04 0.39 0.00	24.10 0.26 0.00	24.19 0.38 0.00	24.16 0.31 0.00	24.17 0.17 0.00	25.79 -0.05 0.00	26.02 -0.42 0.00	24.77 -0.84 0.00	24.89 -0.51 0.00	24.74 -0.56 0.00	23.94 -0.51 0.00	22.65 -0.56 0.00	23.22 -0.23 0.00
NEG WEST_LEA_LOCKPORT 23791	20.98 -2.89 0.00	20.36 -2.70 0.00	19.31 -2.61 0.00	19.21 -2.59 0.00	19.83 -2.58 0.00	21.69 -2.44 0.01	23.19 -2.44 0.86	21.32 -2.17 2.04	19.46 -2.30 3.76	19.41 -2.29 3.76	19.14 -2.53 3.63	20.07 -2.64 1.94	19.60 -2.60 1.63	18.63 -2.69 2.49	18.83 -2.79 2.23	18.95 -2.86 2.20	15.62 -2.61 7.61	20.55 -2.09 3.80	19.81 -2.05 3.76	22.28 -2.74 0.38	22.01 -2.98 0.30	21.36 -3.08 0.01	20.50 -2.72 0.00	20.92 -2.53 0.00
NEG WEST___LANCASTER 23811	21.41 -2.46 0.00	20.73 -2.33 0.00	19.66 -2.26 0.00	19.58 -2.22 0.00	20.23 -2.17 0.00	22.68 -1.45 0.01	24.54 -1.40 0.55	23.35 -0.89 1.30	21.91 -1.02 2.58	21.69 -1.02 2.75	21.40 -1.24 2.66	21.80 -1.43 1.42	21.28 -1.36 1.20	20.60 -1.38 1.82	20.79 -1.43 1.63	21.05 -1.34 1.61	19.03 -1.27 5.55	22.66 -1.00 2.77	22.07 -0.92 2.63	22.24 -2.95 0.21	21.91 -3.21 0.17	21.37 -3.08 0.01	21.03 -2.18 0.00	21.34 -2.11 0.00
NEG_PENN_ALLEGHNY 23528	23.70 -0.17 0.00	22.89 -0.16 0.00	21.75 -0.18 0.00	21.63 -0.18 0.00	22.30 -0.11 0.00	24.18 0.05 0.00	27.91 0.29 -1.12	28.63 0.43 -2.65	29.21 0.33 -3.36	27.82 0.31 -2.06	27.45 0.15 -1.99	25.66 -0.05 -1.06	24.65 -0.07 -0.89	25.10 -0.07 -1.36	24.98 -0.10 -1.22	25.13 -0.07 -1.20	30.36 0.10 -4.42	29.07 0.42 -2.21	29.08 0.41 -3.05	25.78 0.00 -0.38	25.45 -0.10 -0.26	24.25 -0.22 -0.01	23.03 -0.19 0.00	23.31 -0.14 0.00
NEG___GEN_MONROE 24207	22.03 -1.84 0.00	21.35 -1.71 0.00	20.21 -1.71 0.00	20.08 -1.72 0.00	20.75 -1.66 0.00	22.59 -1.54 0.00	24.24 -1.40 0.85	22.18 -1.30 2.06	20.30 -1.40 3.81	20.15 -1.48 3.83	19.90 -1.70 3.70	20.83 -1.85 1.97	20.38 -1.79 1.66	19.42 -1.86 2.53	19.63 -1.96 2.27	19.77 -1.99 2.24	16.27 -1.78 7.78	21.21 -1.35 3.89	20.47 -1.31 3.83	23.16 -1.68 0.56	22.99 -1.87 0.43	22.43 -2.01 0.02	21.35 -1.86 0.00	21.76 -1.69 0.00
NEPA___ENERGY 23901	21.51 -2.36 0.00	20.79 -2.26 0.00	19.75 -2.17 0.00	19.69 -2.11 0.00	20.35 -2.06 0.00	22.42 -1.71 0.01	24.39 -1.59 0.52	23.17 -1.15 1.22	21.72 -1.33 2.46	21.53 -1.27 2.65	21.22 -1.52 2.57	21.60 -1.68 1.37	21.03 -1.64 1.16	20.36 -1.69 1.76	20.44 -1.84 1.58	20.58 -1.87 1.55	18.89 -1.60 5.35	22.68 -1.08 2.67	22.05 -1.05 2.51	23.04 -2.16 0.20	22.65 -2.48 0.16	21.93 -2.52 0.01	21.17 -2.04 0.00	21.51 -1.95 0.00
NEVERSINK___HYD 23608	25.04 1.17 0.00	24.07 1.01 0.00	22.89 0.96 0.00	22.76 0.96 0.00	23.39 0.98 0.00	25.39 1.25 0.00	29.49 1.67 -1.32	30.72 1.84 -3.34	30.14 1.79 -2.84	27.06 1.60 0.00	26.72 1.42 0.00	25.69 1.04 0.00	24.81 0.98 0.00	24.81 1.00 0.00	24.81 0.96 0.00	25.08 1.08 0.00	27.41 1.58 0.00	28.24 1.80 0.00	29.33 1.85 -1.87	27.21 1.73 -0.08	26.78 1.49 0.00	25.73 1.27 0.00	24.30 1.09 0.00	24.39 0.94 0.00
NEWKRMKL_115KV_TB1 55635	24.80 0.93 0.00	23.93 0.88 0.00	22.80 0.88 0.00	22.65 0.85 0.00	23.28 0.87 0.00	25.15 1.01 0.00	29.69 1.38 -1.81	31.10 0.97 -4.59	30.36 0.94 -3.90	26.37 0.92 0.00	26.06 0.76 0.00	25.19 0.54 0.00	24.43 0.60 0.00	24.40 0.60 0.00	24.47 0.62 0.00	24.62 0.62 0.00	26.64 0.80 0.00	27.42 0.98 0.00	29.13 0.95 -2.57	26.45 0.94 -0.12	26.18 0.89 0.00	25.29 0.83 0.00	24.05 0.84 0.00	24.27 0.82 0.00



NEWTON___FALLS_HYD 23847	23.42 -0.45 0.00	22.66 -0.39 0.00	21.51 -0.42 0.00	21.43 -0.37 0.00	22.03 -0.38 0.00	23.61 -0.53 0.00	25.88 -0.66 -0.05	25.07 -0.59 -0.12	25.10 -0.51 -0.10	25.10 -0.36 0.00	24.97 -0.33 0.00	24.58 -0.07 0.00	23.55 -0.29 0.00	23.45 -0.36 0.00	23.50 -0.36 0.00	23.62 -0.38 0.00	25.40 -0.44 0.00	25.70 -0.74 0.00	24.83 -0.85 -0.06	24.69 -0.71 0.00	24.63 -0.66 0.00	23.84 -0.61 0.00	22.65 -0.56 0.00	23.03 -0.42 0.00
NGRID_A1_DSASP 323792	20.69 -3.17 0.00	20.19 -2.86 0.00	19.31 -2.61 0.00	19.12 -2.68 0.00	19.76 -2.64 0.00	21.31 -2.82 0.01	22.74 -2.86 0.90	20.77 -2.66 2.11	18.88 -2.78 3.85	18.83 -2.80 3.83	18.56 -3.04 3.70	19.59 -3.08 1.98	19.09 -3.07 1.67	18.18 -3.09 2.53	18.36 -3.22 2.28	18.47 -3.29 2.24	14.89 -3.10 7.85	19.93 -2.59 3.92	19.15 -2.56 3.90	21.92 -3.12 0.35	21.70 -3.31 0.28	21.05 -3.40 0.01	20.01 -3.20 0.00	20.61 -2.84 0.00
NGRID_A2_DSASP 323793	20.69 -3.17 0.00	20.19 -2.86 0.00	19.31 -2.61 0.00	19.12 -2.68 0.00	19.76 -2.64 0.00	21.31 -2.82 0.01	22.74 -2.86 0.90	20.77 -2.66 2.11	18.88 -2.78 3.85	18.83 -2.80 3.83	18.56 -3.04 3.70	19.59 -3.08 1.98	19.09 -3.07 1.67	18.18 -3.09 2.53	18.36 -3.22 2.28	18.47 -3.29 2.24	14.89 -3.10 7.85	19.93 -2.59 3.92	19.15 -2.56 3.90	21.92 -3.12 0.35	21.70 -3.31 0.28	21.05 -3.40 0.01	20.01 -3.20 0.00	20.61 -2.84 0.00
NGRID_A4_DSASP 323807	20.69 -3.17 0.00	20.19 -2.86 0.00	19.31 -2.61 0.00	19.12 -2.68 0.00	19.76 -2.64 0.00	21.31 -2.82 0.01	22.74 -2.86 0.90	20.77 -2.66 2.11	18.88 -2.78 3.85	18.83 -2.80 3.83	18.56 -3.04 3.70	19.59 -3.08 1.98	19.09 -3.07 1.67	18.18 -3.09 2.53	18.36 -3.22 2.28	18.47 -3.29 2.24	14.89 -3.10 7.85	19.93 -2.59 3.92	19.15 -2.56 3.90	21.92 -3.12 0.35	21.70 -3.31 0.28	21.05 -3.40 0.01	20.01 -3.20 0.00	20.61 -2.84 0.00
NIAGARA_115E_LBMP 323715	20.74 -3.13 0.00	20.24 -2.81 0.00	19.18 -2.74 0.00	19.19 -2.62 0.00	19.83 -2.58 0.00	21.26 -2.87 0.01	22.74 -2.89 0.87	20.86 -2.63 2.04	19.00 -2.76 3.76	18.93 -2.77 3.75	18.66 -3.01 3.63	19.63 -3.08 1.94	19.13 -3.07 1.63	18.23 -3.09 2.48	18.43 -3.20 2.23	18.54 -3.26 2.19	15.07 -3.08 7.69	20.00 -2.59 3.85	19.31 -2.48 3.82	21.91 -3.12 0.36	21.70 -3.31 0.28	21.05 -3.40 0.01	20.03 -3.18 0.00	20.64 -2.81 0.00
NIAGARA_115W_LBMP 323714	20.65 -3.22 0.00	20.15 -2.91 0.00	19.27 -2.65 0.00	19.05 -2.75 0.00	19.72 -2.69 0.00	21.26 -2.87 0.01	22.68 -2.91 0.90	20.69 -2.73 2.12	18.78 -2.86 3.87	18.76 -2.85 3.84	18.47 -3.11 3.72	19.54 -3.13 1.98	19.04 -3.12 1.67	18.10 -3.17 2.54	18.30 -3.27 2.28	18.39 -3.36 2.25	14.81 -3.15 7.88	19.83 -2.67 3.94	19.08 -2.61 3.92	21.87 -3.18 0.35	21.65 -3.36 0.28	21.00 -3.45 0.01	19.96 -3.25 0.00	20.57 -2.89 0.00
NIAGARA_230_LBMP 323716	21.00 -2.87 0.00	20.49 -2.56 0.00	19.51 -2.41 0.00	19.40 -2.40 0.00	20.06 -2.35 0.00	21.60 -2.53 0.01	23.08 -2.46 0.95	21.04 -2.27 2.22	19.08 -2.40 4.03	19.06 -2.42 3.98	18.82 -2.63 3.85	19.91 -2.69 2.05	19.41 -2.69 1.73	18.44 -2.74 2.63	18.65 -2.84 2.36	18.77 -2.90 2.33	15.00 -2.69 8.15	20.17 -2.19 4.07	19.39 -2.15 4.07	22.24 -2.79 0.36	22.00 -3.01 0.28	21.36 -3.08 0.01	20.33 -2.88 0.00	20.92 -2.53 0.00
NIAGARA___115KV_198_GIBSON 55903	20.62 -3.25 0.00	19.99 -3.07 0.00	18.96 -2.96 0.00	18.86 -2.94 0.00	19.47 -2.94 0.00	21.35 -2.78 0.01	22.71 -2.89 0.90	20.69 -2.73 2.12	18.78 -2.86 3.87	18.76 -2.85 3.84	18.52 -3.06 3.72	19.56 -3.11 1.98	19.08 -3.07 1.67	18.12 -3.14 2.54	18.30 -3.27 2.28	18.42 -3.34 2.25	14.91 -3.15 7.78	19.91 -2.64 3.89	19.14 -2.61 3.86	21.93 -3.12 0.35	21.63 -3.39 0.27	21.00 -3.45 0.01	20.15 -3.06 0.00	20.57 -2.88 0.00
NIAGARA____ 23760	21.00 -2.87 0.00	20.49 -2.56 0.00	19.51 -2.41 0.00	19.40 -2.40 0.00	20.06 -2.35 0.00	21.60 -2.53 0.01	23.15 -2.46 0.89	21.14 -2.27 2.13	19.23 -2.40 3.88	19.18 -2.42 3.85	18.94 -2.63 3.73	19.97 -2.69 1.99	19.46 -2.69 1.68	18.52 -2.74 2.55	18.72 -2.84 2.29	18.84 -2.90 2.26	15.23 -2.69 7.92	20.29 -2.19 3.96	19.52 -2.15 3.94	22.24 -2.79 0.36	22.00 -3.01 0.28	21.36 -3.08 0.01	20.33 -2.88 0.00	20.92 -2.53 0.00
NINE_MILE_1 23575	22.75 -1.12 0.00	21.99 -1.06 0.00	20.91 -1.01 0.00	20.80 -1.00 0.00	21.40 -1.01 0.00	23.05 -1.09 0.00	25.58 -1.03 -0.12	24.89 -0.94 -0.30	24.77 -1.00 -0.25	24.44 -1.02 0.00	24.22 -1.09 0.00	23.49 -1.16 0.00	22.71 -1.12 0.00	22.69 -1.12 0.00	22.71 -1.14 0.00	22.87 -1.13 0.00	24.73 -1.11 0.00	25.49 -0.95 0.00	24.83 -0.95 -0.17	24.36 -1.04 -0.01	24.21 -1.09 0.00	23.33 -1.12 0.00	22.19 -1.02 0.00	22.56 -0.89 0.00
NINE_MILE_2 23744	22.77 -1.10 0.00	21.99 -1.06 0.00	20.94 -0.99 0.00	20.82 -0.98 0.00	21.40 -1.01 0.00	23.05 -1.09 0.00	25.58 -1.03 -0.12	24.89 -0.94 -0.30	24.77 -1.00 -0.25	24.44 -1.02 0.00	24.22 -1.09 0.00	23.49 -1.16 0.00	22.71 -1.12 0.00	22.69 -1.12 0.00	22.71 -1.14 0.00	22.87 -1.13 0.00	24.73 -1.11 0.00	25.49 -0.95 0.00	24.83 -0.95 -0.17	24.36 -1.04 -0.01	24.21 -1.09 0.00	23.33 -1.12 0.00	22.19 -1.02 0.00	22.56 -0.89 0.00
NM_CAPITAL___DRP 24208	24.80 0.93 0.00	23.93 0.88 0.00	22.80 0.88 0.00	22.65 0.85 0.00	23.28 0.87 0.00	25.15 1.01 0.00	29.68 1.38 -1.81	31.13 1.02 -4.58	30.42 1.02 -3.89	26.45 0.99 0.00	26.14 0.84 0.00	25.27 0.62 0.00	24.50 0.67 0.00	24.47 0.67 0.00	24.55 0.69 0.00	24.72 0.72 0.00	26.72 0.88 0.00	27.50 1.06 0.00	29.23 1.05 -2.56	26.55 1.04 -0.12	26.23 0.94 0.00	25.34 0.88 0.00	24.07 0.86 0.00	24.25 0.80 0.00
NM_CENTRAL___DRP 24181	23.18 -0.69 0.00	22.41 -0.65 0.00	21.29 -0.64 0.00	21.17 -0.63 0.00	21.78 -0.63 0.00	23.58 -0.56 0.00	26.44 -0.42 -0.36	26.10 -0.38 -0.94	26.31 -0.43 -1.24	25.81 -0.46 -0.81	25.51 -0.58 -0.78	24.35 -0.71 -0.42	23.49 -0.69 -0.35	23.63 -0.71 -0.54	23.60 -0.74 -0.48	23.75 -0.72 -0.47	26.87 -0.59 -1.62	26.88 -0.37 -0.81	26.34 -0.36 -1.08	24.97 -0.56 -0.13	24.72 -0.66 -0.09	23.75 -0.71 0.00	22.59 -0.63 0.00	22.91 -0.54 0.00
NM_FRONTIER___DRP 24179	20.62 -3.25 0.00	19.99 -3.07 0.00	18.96 -2.96 0.00	18.86 -2.94 0.00	19.47 -2.94 0.00	21.35 -2.78 0.01	22.71 -2.89 0.90	20.69 -2.73 2.12	18.78 -2.86 3.87	18.76 -2.85 3.84	18.52 -3.06 3.72	19.56 -3.11 1.98	19.08 -3.07 1.67	18.12 -3.14 2.54	18.30 -3.27 2.28	18.42 -3.34 2.25	14.91 -3.15 7.78	19.91 -2.64 3.89	19.14 -2.61 3.86	21.93 -3.12 0.35	21.63 -3.39 0.27	21.00 -3.45 0.01	20.15 -3.06 0.00	20.57 -2.88 0.00
NM_ST_REGIS___HYD 24053	23.51 -0.36 0.00	22.82 -0.23 0.00	21.66 -0.26 0.00	21.61 -0.20 0.00	22.18 -0.22 0.00	23.61 -0.53 0.00	25.49 -1.01 0.00	24.59 -0.94 0.00	24.69 -0.82 0.00	24.90 -0.56 0.00	24.97 -0.33 0.00	24.65 0.00 0.00	23.59 -0.24 0.00	23.50 -0.31 0.00	23.52 -0.33 0.00	23.59 -0.41 0.00	25.17 -0.67 0.00	25.33 -1.11 0.00	24.31 -1.31 0.00	24.43 -0.97 0.00	24.48 -0.81 0.00	23.72 -0.73 0.00	22.59 -0.63 0.00	23.08 -0.38 0.00



NORTHPORT___1 23551	31.40 2.08 -5.46	25.87 1.94 -0.88	23.78 1.86 0.00	23.59 1.79 0.00	24.25 1.84 0.00	31.50 2.22 -5.15	39.35 2.78 -10.07	37.16 2.99 -8.63	38.90 2.98 -10.41	33.05 2.88 -4.72	28.01 2.71 0.00	26.82 2.17 0.00	25.93 2.10 0.00	26.04 2.24 0.00	27.05 2.19 -1.00	29.67 2.28 -3.39	32.36 2.77 -3.76	38.22 3.09 -8.69	37.67 3.10 -8.96	33.83 2.87 -5.56	32.85 2.66 -4.90	31.72 2.35 -4.92	28.43 2.13 -3.08	27.17 1.90 -1.82
NORTHPORT___2 23552	31.43 2.10 -5.46	25.87 1.94 -0.88	23.81 1.89 0.00	23.61 1.81 0.00	24.27 1.86 0.00	31.53 2.25 -5.15	39.37 2.81 -10.07	37.21 3.04 -8.63	38.93 3.01 -10.41	33.08 2.90 -4.72	28.04 2.73 0.00	26.87 2.22 0.00	25.95 2.12 0.00	26.07 2.26 0.00	27.07 2.22 -1.00	29.67 2.28 -3.39	32.39 2.79 -3.76	38.25 3.12 -8.69	37.70 3.12 -8.96	33.86 2.89 -5.56	32.88 2.68 -4.90	31.74 2.37 -4.92	28.45 2.16 -3.08	27.20 1.92 -1.82
NORTHPORT___3 23553	31.09 1.77 -5.46	25.54 1.61 -0.88	23.48 1.56 0.00	23.29 1.48 0.00	23.95 1.54 0.00	31.17 1.88 -5.15	38.71 2.15 -10.07	36.39 2.22 -8.63	38.16 2.25 -10.41	32.31 2.14 -4.72	27.28 1.97 0.00	26.13 1.48 0.00	25.26 1.43 0.00	25.69 1.88 0.00	26.74 1.88 -1.00	29.36 1.97 -3.39	31.82 2.22 -3.76	37.48 2.35 -8.69	36.93 2.36 -8.96	33.17 2.21 -5.56	32.27 2.07 -4.90	31.28 1.91 -4.92	28.13 1.83 -3.08	26.89 1.62 -1.82
NORTHPORT___4 23650	31.09 1.77 -5.46	25.54 1.61 -0.88	23.48 1.56 0.00	23.29 1.48 0.00	23.95 1.54 0.00	31.17 1.88 -5.15	38.71 2.15 -10.07	36.39 2.22 -8.63	38.16 2.25 -10.41	32.31 2.14 -4.72	27.28 1.97 0.00	26.13 1.48 0.00	25.26 1.43 0.00	25.69 1.88 0.00	26.74 1.88 -1.00	29.36 1.97 -3.39	31.82 2.22 -3.76	37.48 2.35 -8.69	36.93 2.36 -8.96	33.17 2.21 -5.56	32.27 2.07 -4.90	31.28 1.91 -4.92	28.13 1.83 -3.08	26.89 1.62 -1.82
NORTHPORT___IC 23718	31.43 2.10 -5.46	25.87 1.94 -0.88	23.81 1.89 0.00	23.61 1.81 0.00	24.27 1.86 0.00	31.53 2.25 -5.15	39.37 2.81 -10.07	37.21 3.04 -8.63	38.93 3.01 -10.41	33.08 2.90 -4.72	28.04 2.73 0.00	26.87 2.22 0.00	25.95 2.12 0.00	26.07 2.26 0.00	27.07 2.22 -1.00	29.67 2.28 -3.39	32.39 2.79 -3.76	38.25 3.12 -8.69	37.70 3.12 -8.96	33.86 2.89 -5.56	32.88 2.68 -4.90	31.74 2.37 -4.92	28.45 2.16 -3.08	27.20 1.92 -1.82
NORTH___COUNTRY_ESR 323785	23.92 0.05 0.00	23.10 0.05 0.00	21.97 0.04 0.00	21.93 0.13 0.00	22.45 0.04 0.00	23.99 -0.14 0.00	25.70 -0.79 0.00	24.67 -0.87 0.00	24.62 -0.89 0.00	24.72 -0.74 0.00	24.90 -0.41 0.00	24.73 0.07 0.00	23.78 -0.05 0.00	23.85 0.05 0.00	23.85 0.00 0.00	23.86 -0.14 0.00	25.40 -0.44 0.00	25.54 -0.90 0.00	24.41 -1.20 0.00	24.51 -0.89 0.00	24.38 -0.91 0.00	23.65 -0.81 0.00	22.42 -0.79 0.00	22.87 -0.59 0.00
NPX_GEN_1385_PROXY 323591	31.43 2.10 -5.46	25.87 1.94 -0.88	23.90 1.97 0.00	23.68 1.88 0.00	24.27 1.86 0.00	31.62 2.34 -5.15	39.48 2.91 -10.07	37.39 3.22 -8.63	38.90 2.98 -10.41	33.00 2.83 -4.72	28.04 2.73 0.00	26.94 2.29 0.00	26.05 2.22 0.00	26.14 2.33 0.00	27.00 2.15 -1.00	29.67 2.28 -3.39	32.39 2.79 -3.76	38.25 3.12 -8.69	37.70 3.12 -8.96	33.86 2.89 -5.56	32.88 2.68 -4.90	31.74 2.37 -4.92	28.78 2.13 -3.44	26.84 1.92 -1.47
NPX_GEN_CSC 323557	31.74 2.41 -5.46	26.19 2.26 -0.88	24.09 2.17 0.00	23.87 2.07 0.00	24.56 2.15 0.00	31.84 2.56 -5.15	39.80 3.23 -10.07	37.59 3.42 -8.63	39.36 3.44 -10.41	33.51 3.33 -4.72	28.44 3.14 0.00	27.17 2.52 0.00	26.24 2.41 0.00	26.33 2.52 0.00	27.38 2.53 -1.00	29.91 2.52 -3.39	32.67 3.07 -3.76	38.62 3.49 -8.69	38.11 3.54 -8.96	34.19 3.23 -5.56	33.25 3.06 -4.90	32.11 2.74 -4.92	29.06 2.41 -3.44	27.03 2.11 -1.47
NSINS_S_GLNS_FALLS 23858	25.13 1.27 0.00	24.23 1.18 0.00	23.02 1.10 0.00	22.87 1.07 0.00	23.55 1.14 0.00	25.51 1.38 0.00	30.29 1.93 -1.86	32.21 1.97 -4.70	31.48 1.96 -4.00	27.16 1.71 0.00	26.80 1.49 0.00	25.81 1.16 0.00	25.02 1.19 0.00	24.95 1.14 0.00	25.02 1.17 0.00	25.20 1.20 0.00	27.47 1.63 0.00	28.29 1.85 0.00	30.12 1.87 -2.63	27.19 1.68 -0.12	26.99 1.69 0.00	26.02 1.57 0.00	24.56 1.35 0.00	24.60 1.15 0.00
NUCOR_STEEL___DRP 24197	23.42 -0.45 0.00	22.64 -0.41 0.00	21.48 -0.44 0.00	21.37 -0.44 0.00	22.00 -0.40 0.00	23.87 -0.27 0.00	27.54 -0.05 -1.10	28.27 0.00 -2.73	29.53 -0.08 -4.10	28.62 -0.13 -3.29	28.21 -0.28 -3.19	25.91 -0.44 -1.70	24.83 -0.43 -1.43	25.53 -0.45 -2.18	25.33 -0.48 -1.96	25.47 -0.46 -1.93	32.64 -0.28 -7.09	30.01 0.03 -3.54	29.69 0.03 -4.05	25.73 -0.20 -0.53	25.35 -0.33 -0.39	24.06 -0.42 -0.02	22.82 -0.39 0.00	23.15 -0.30 0.00
NUMBER_THREE_WT_PWR 323818	23.73 -0.14 0.00	22.87 -0.19 0.00	21.70 -0.22 0.00	21.61 -0.20 0.00	22.25 -0.16 0.00	24.04 -0.10 0.00	26.61 0.05 -0.06	25.82 0.13 -0.16	25.69 0.05 -0.13	25.56 0.10 0.00	25.25 -0.05 0.00	24.95 0.30 0.00	23.98 0.14 0.00	23.93 0.12 0.00	23.97 0.12 0.00	24.15 0.14 0.00	26.12 0.28 0.00	26.47 0.03 0.00	25.65 -0.05 -0.09	25.30 -0.10 0.00	25.14 -0.15 0.00	24.29 -0.17 0.00	23.03 -0.19 0.00	23.26 -0.19 0.00
NYISO_LBMP_REFERENCE 24008	23.87 0.00 0.00	23.05 0.00 0.00	21.92 0.00 0.00	21.80 0.00 0.00	22.41 0.00 0.00	24.14 0.00 0.00	26.50 0.00 0.00	25.54 0.00 0.00	25.51 0.00 0.00	25.46 0.00 0.00	25.30 0.00 0.00	24.65 0.00 0.00	23.83 0.00 0.00	23.81 0.00 0.00	23.85 0.00 0.00	24.00 0.00 0.00	25.84 0.00 0.00	26.44 0.00 0.00	25.61 0.00 0.00	25.40 0.00 0.00	25.29 0.00 0.00	24.46 0.00 0.00	23.21 0.00 0.00	23.45 0.00 0.00
NYPA_BRENTWD___GT 24164	31.62 2.29 -5.46	26.08 2.14 -0.88	23.98 2.06 0.00	23.77 1.96 0.00	24.45 2.04 0.00	31.72 2.44 -5.15	39.64 3.07 -10.07	37.44 3.27 -8.63	39.18 3.27 -10.41	33.33 3.16 -4.72	28.29 2.98 0.00	27.07 2.42 0.00	26.14 2.31 0.00	26.24 2.43 0.00	27.29 2.43 -1.00	29.89 2.50 -3.39	32.65 3.05 -3.76	38.54 3.41 -8.69	37.98 3.41 -8.96	34.11 3.15 -5.56	33.13 2.93 -4.90	31.96 2.59 -4.92	28.64 2.34 -3.08	27.41 2.13 -1.82
NYPA_GOWANUS___GT5 24156	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00
NYPA_GOWANUS___GT6 24157	25.61 1.74 0.00	24.62 1.57 0.00	23.41 1.49 0.00	23.24 1.44 0.00	23.91 1.50 0.00	25.88 1.74 0.00	30.13 2.17 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.05 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.21 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.49 2.20 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.05 1.60 0.00



NYPA_HARLEM__RVR__GT1 24160	25.68 1.79 -0.02	24.68 1.61 -0.02	23.47 1.53 -0.02	23.32 1.50 -0.02	23.97 1.54 -0.02	25.91 1.76 -0.02	30.00 2.04 -1.46	31.54 2.30 -3.70	30.97 2.32 -3.14	27.89 2.29 -0.14	27.52 2.18 -0.04	26.43 1.78 0.00	25.52 1.69 0.01	25.49 1.69 0.01	25.54 1.69 0.01	25.77 1.78 0.01	28.05 2.22 0.01	28.95 2.51 0.01	30.17 2.48 -2.07	27.80 2.31 -0.09	27.33 2.05 0.01	26.24 1.78 0.00	24.98 1.76 0.00	25.06 1.60 -0.02
NYPA_HARLEM__RVR__GT2 24161	25.68 1.79 -0.02	24.68 1.61 -0.02	23.47 1.53 -0.02	23.32 1.50 -0.02	23.97 1.54 -0.02	25.91 1.76 -0.02	30.00 2.04 -1.46	31.54 2.30 -3.70	30.97 2.32 -3.14	27.89 2.29 -0.14	27.52 2.18 -0.04	26.43 1.78 0.00	25.52 1.69 0.01	25.49 1.69 0.01	25.54 1.69 0.01	25.77 1.78 0.01	28.05 2.22 0.01	28.95 2.51 0.01	30.17 2.48 -2.07	27.80 2.31 -0.09	27.33 2.05 0.01	26.24 1.78 0.00	24.98 1.76 0.00	25.06 1.60 -0.02
NYPA_KENT____GT 24152	25.54 1.67 0.00	24.57 1.52 0.00	23.39 1.47 0.00	23.22 1.42 0.00	23.86 1.46 0.00	25.85 1.71 0.00	30.08 2.12 -1.46	31.64 2.40 -3.70	31.08 2.42 -3.15	29.02 2.39 -1.17	27.94 2.25 -0.39	26.61 1.87 -0.08	25.60 1.76 0.00	25.57 1.76 0.00	25.62 1.77 0.00	25.85 1.85 0.00	28.17 2.33 0.00	29.06 2.62 0.00	30.30 2.61 -2.07	27.90 2.41 -0.09	27.44 2.15 0.00	26.31 1.86 0.00	24.98 1.76 0.00	25.00 1.55 0.00
NYPA_POUCH1____GT 24155	25.56 1.69 0.00	24.60 1.54 0.00	23.39 1.47 0.00	23.22 1.42 0.00	23.86 1.46 0.00	25.83 1.69 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.87 2.18 -0.39	26.51 1.78 -0.08	25.50 1.67 0.00	25.48 1.67 0.00	25.53 1.67 0.00	25.75 1.75 0.00	28.11 2.27 0.00	29.00 2.56 0.00	30.27 2.59 -2.07	27.85 2.36 -0.09	27.39 2.10 0.00	26.27 1.81 0.00	24.98 1.76 0.00	25.00 1.55 0.00
NYPA_VERNON____GT2 24162	25.49 1.62 0.00	24.53 1.48 0.00	23.35 1.42 0.00	23.18 1.37 0.00	23.82 1.41 0.00	25.80 1.66 0.00	30.05 2.09 -1.46	31.59 2.35 -3.70	31.03 2.37 -3.15	28.97 2.34 -1.17	27.92 2.23 -0.39	26.56 1.82 -0.08	25.57 1.74 0.00	25.54 1.74 0.00	25.59 1.74 0.00	25.82 1.82 0.00	28.11 2.27 0.00	28.98 2.54 0.00	30.22 2.54 -2.07	27.85 2.36 -0.09	27.39 2.10 0.00	26.27 1.81 0.00	24.93 1.72 0.00	24.95 1.50 0.00
NYPA_VERNON____GT3 24163	25.49 1.62 0.00	24.53 1.48 0.00	23.35 1.42 0.00	23.18 1.37 0.00	23.82 1.41 0.00	25.80 1.66 0.00	30.05 2.09 -1.46	31.59 2.35 -3.70	31.03 2.37 -3.15	28.97 2.34 -1.17	27.92 2.23 -0.39	26.56 1.82 -0.08	25.57 1.74 0.00	25.54 1.74 0.00	25.59 1.74 0.00	25.82 1.82 0.00	28.11 2.27 0.00	28.98 2.54 0.00	30.22 2.54 -2.07	27.85 2.36 -0.09	27.39 2.10 0.00	26.27 1.81 0.00	24.93 1.72 0.00	24.95 1.50 0.00
NYPA__ASTORIA_CC1 323568	25.49 1.62 0.00	24.51 1.45 0.00	23.33 1.40 0.00	23.15 1.35 0.00	23.80 1.39 0.00	25.78 1.64 0.00	30.00 2.04 -1.46	31.56 2.32 -3.70	31.00 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.53 1.80 -0.08	25.55 1.72 0.00	25.52 1.72 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.09 2.25 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.37 2.07 0.00	26.24 1.78 0.00	24.91 1.69 0.00	24.93 1.48 0.00
NYPA__ASTORIA_CC2 323569	25.49 1.62 0.00	24.51 1.45 0.00	23.33 1.40 0.00	23.15 1.35 0.00	23.80 1.39 0.00	25.78 1.64 0.00	30.00 2.04 -1.46	31.56 2.32 -3.70	31.00 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.53 1.80 -0.08	25.55 1.72 0.00	25.52 1.72 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.09 2.25 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.37 2.07 0.00	26.24 1.78 0.00	24.91 1.69 0.00	24.93 1.48 0.00
NYPA__HOLTSVILL 23794	31.55 2.22 -5.46	26.01 2.08 -0.88	23.92 1.99 0.00	23.70 1.90 0.00	24.38 1.97 0.00	31.65 2.37 -5.15	39.53 2.97 -10.07	37.34 3.17 -8.63	39.08 3.16 -10.41	33.25 3.08 -4.72	28.19 2.88 0.00	26.97 2.32 0.00	26.05 2.22 0.00	26.14 2.33 0.00	27.19 2.34 -1.00	29.77 2.38 -3.39	32.52 2.92 -3.76	38.41 3.28 -8.69	37.88 3.31 -8.96	33.98 3.02 -5.56	33.03 2.83 -4.90	31.89 2.52 -4.92	28.54 2.25 -3.08	27.29 2.02 -1.82
NYPA__HELLGATE_GT1 24158	25.66 1.79 0.00	24.67 1.61 0.00	23.46 1.53 0.00	23.31 1.50 0.00	23.95 1.54 0.00	25.90 1.76 0.00	30.00 2.04 -1.46	31.54 2.30 -3.70	31.00 2.32 -3.17	29.96 2.29 -2.21	28.23 2.18 -0.75	26.61 1.78 -0.18	25.55 1.69 -0.02	25.52 1.69 -0.02	25.57 1.69 -0.02	25.80 1.78 -0.02	28.08 2.22 -0.02	28.97 2.51 -0.02	30.19 2.48 -2.10	27.82 2.31 -0.12	27.36 2.05 -0.02	26.24 1.78 0.00	24.99 1.76 -0.02	25.05 1.60 0.00
NYPA__HELLGATE_GT2 24159	25.66 1.79 0.00	24.67 1.61 0.00	23.46 1.53 0.00	23.31 1.50 0.00	23.95 1.54 0.00	25.90 1.76 0.00	30.00 2.04 -1.46	31.54 2.30 -3.70	31.00 2.32 -3.17	29.96 2.29 -2.21	28.23 2.18 -0.75	26.61 1.78 -0.18	25.55 1.69 -0.02	25.52 1.69 -0.02	25.57 1.69 -0.02	25.80 1.78 -0.02	28.08 2.22 -0.02	28.97 2.51 -0.02	30.19 2.48 -2.10	27.82 2.31 -0.12	27.36 2.05 -0.02	26.24 1.78 0.00	24.99 1.76 -0.02	25.05 1.60 0.00
NYS_BARGE__HYD 23848	21.03 -2.84 0.00	20.49 -2.56 0.00	19.47 -2.45 0.00	19.43 -2.38 0.00	20.10 -2.31 0.00	21.60 -2.53 0.01	23.17 -2.46 0.86	21.33 -2.17 2.04	19.47 -2.30 3.75	19.39 -2.32 3.75	19.07 -2.61 3.63	20.03 -2.69 1.93	19.51 -2.69 1.63	18.61 -2.71 2.48	18.81 -2.81 2.23	18.95 -2.86 2.19	15.51 -2.64 7.70	20.48 -2.12 3.85	19.75 -2.05 3.81	22.24 -2.77 0.39	22.03 -2.96 0.31	21.36 -3.08 0.01	20.33 -2.88 0.00	20.92 -2.53 0.00
OAK ORCHARD__HYD 24046	22.10 -1.77 0.00	21.46 -1.59 0.00	20.39 -1.54 0.00	20.26 -1.55 0.00	20.93 -1.48 0.00	22.54 -1.59 0.00	24.24 -1.41 0.85	22.22 -1.25 2.07	20.33 -1.35 3.83	20.21 -1.40 3.84	19.99 -1.59 3.72	20.94 -1.73 1.98	20.45 -1.72 1.67	19.50 -1.76 2.54	19.74 -1.84 2.28	19.91 -1.85 2.25	16.27 -1.65 7.92	21.27 -1.22 3.95	20.53 -1.18 3.91	23.32 -1.50 0.57	23.21 -1.64 0.44	22.63 -1.81 0.02	21.40 -1.81 0.00	21.90 -1.55 0.00
OAKDALE__35_KV_LOAD 356122	23.68 -0.19 0.00	22.87 -0.18 0.00	21.72 -0.20 0.00	21.61 -0.20 0.00	22.25 -0.16 0.00	24.16 0.02 0.00	27.89 0.26 -1.13	28.58 0.38 -2.66	29.20 0.31 -3.38	27.81 0.28 -2.07	27.43 0.13 -2.00	25.67 -0.05 -1.07	24.66 -0.07 -0.90	25.10 -0.07 -1.37	24.96 -0.12 -1.23	25.12 -0.10 -1.21	30.20 0.08 -4.28	28.97 0.40 -2.14	28.96 0.38 -2.96	25.77 0.00 -0.37	25.37 -0.18 -0.25	24.22 -0.24 -0.01	23.03 -0.19 0.00	23.29 -0.16 0.00
OCC_CHEM__DRP 24175	20.67 -3.20 0.00	20.03 -3.02 0.00	19.01 -2.92 0.00	18.90 -2.90 0.00	19.52 -2.89 0.00	21.40 -2.73 0.01	22.76 -2.84 0.90	20.77 -2.66 2.11	18.88 -2.78 3.85	18.86 -2.77 3.83	18.59 -3.01 3.70	19.62 -3.06 1.98	19.16 -3.00 1.67	18.18 -3.09 2.53	18.38 -3.20 2.28	18.47 -3.29 2.24	14.99 -3.10 7.75	19.98 -2.59 3.87	19.24 -2.54 3.84	21.98 -3.07 0.35	21.71 -3.31 0.27	21.04 -3.40 0.01	20.19 -3.02 0.00	20.61 -2.84 0.00



OH_GEN_PROXY 24063	21.05 -2.82 0.00	20.54 -2.51 0.00	19.55 -2.37 0.00	19.43 -2.38 0.00	20.10 -2.31 0.00	21.65 -2.49 0.01	23.19 -2.41 0.90	21.26 -2.20 2.08	19.38 -2.32 3.81	19.35 -2.32 3.79	19.08 -2.55 3.67	20.08 -2.61 1.96	19.56 -2.62 1.65	18.65 -2.64 2.51	18.83 -2.77 2.25	18.95 -2.83 2.22	15.46 -2.61 7.77	20.44 -2.12 3.88	19.68 -2.07 3.86	22.33 -2.72 0.35	22.11 -2.91 0.27	21.44 -3.01 0.01	20.76 -2.81 -0.36	20.61 -2.49 0.36
OLIN_CORP_DRP 24177	20.77 -3.10 0.00	20.13 -2.93 0.00	19.12 -2.81 0.00	19.01 -2.79 0.00	19.61 -2.80 0.00	21.38 -2.75 0.01	22.85 -2.78 0.87	20.92 -2.58 2.04	19.07 -2.70 3.74	19.02 -2.70 3.74	18.78 -2.91 3.62	19.74 -2.98 1.93	19.25 -2.96 1.63	18.31 -3.02 2.47	18.51 -3.12 2.22	18.60 -3.22 2.19	15.28 -3.00 7.57	20.15 -2.51 3.78	19.47 -2.41 3.74	22.05 -3.00 0.35	21.76 -3.26 0.27	21.09 -3.35 0.01	20.26 -2.95 0.00	20.68 -2.77 0.00
OLIN_CORP_DSASP 323712	20.69 -3.17 0.00	20.19 -2.86 0.00	19.31 -2.61 0.00	19.12 -2.68 0.00	19.76 -2.64 0.00	21.31 -2.82 0.01	22.74 -2.86 0.90	20.77 -2.66 2.11	18.88 -2.78 3.85	18.83 -2.80 3.83	18.56 -3.04 3.70	19.59 -3.08 1.98	19.09 -3.07 1.67	18.18 -3.09 2.53	18.36 -3.22 2.28	18.47 -3.29 2.24	14.89 -3.10 7.85	19.93 -2.59 3.92	19.15 -2.56 3.90	21.92 -3.12 0.35	21.70 -3.31 0.28	21.05 -3.40 0.01	20.01 -3.20 0.00	20.61 -2.84 0.00
ONEIDA_HERK_LFGE 323681	24.25 0.38 0.00	23.38 0.32 0.00	22.19 0.26 0.00	22.09 0.28 0.00	22.74 0.34 0.00	24.59 0.46 0.00	27.24 0.69 -0.05	26.38 0.71 -0.13	26.26 0.64 -0.11	26.12 0.66 0.00	25.76 0.46 0.00	25.22 0.57 0.00	24.31 0.48 0.00	24.28 0.48 0.00	24.33 0.48 0.00	24.48 0.48 0.00	26.51 0.67 0.00	27.13 0.69 0.00	26.28 0.59 -0.07	25.91 0.51 0.00	25.75 0.46 0.00	24.85 0.39 0.00	23.51 0.30 0.00	23.76 0.30 0.00
ONEIDA___115KV_TB4 55905	24.42 0.55 0.00	23.56 0.51 0.00	22.36 0.44 0.00	22.26 0.46 0.00	22.92 0.52 0.00	24.86 0.72 0.00	27.66 1.06 -0.10	26.84 1.05 -0.25	26.67 0.94 -0.21	26.40 0.94 0.00	26.06 0.76 0.00	25.29 0.64 0.00	24.40 0.57 0.00	24.38 0.57 0.00	24.43 0.57 0.00	24.60 0.60 0.00	26.64 0.80 0.00	27.42 0.98 0.00	26.65 0.90 -0.14	26.14 0.74 -0.01	25.92 0.63 0.00	24.99 0.54 0.00	23.68 0.46 0.00	23.92 0.47 0.00
ONONDAGA_REF_OCCRA 23987	23.34 -0.53 0.00	22.55 -0.51 0.00	21.42 -0.50 0.00	21.30 -0.50 0.00	21.94 -0.47 0.00	23.78 -0.36 0.00	26.86 -0.21 -0.57	26.80 -0.18 -1.44	27.28 -0.23 -1.99	26.63 -0.25 -1.43	26.31 -0.38 -1.39	24.87 -0.52 -0.74	23.95 -0.50 -0.62	24.23 -0.52 -0.95	24.16 -0.55 -0.85	24.31 -0.53 -0.84	28.26 -0.39 -2.81	27.71 -0.13 -1.40	27.21 -0.15 -1.75	25.26 -0.36 -0.22	24.99 -0.46 -0.15	23.95 -0.51 -0.01	22.75 -0.46 0.00	23.05 -0.40 0.00
ONONDAGA___COGEN 23986	23.32 -0.55 0.00	22.55 -0.51 0.00	21.42 -0.50 0.00	21.30 -0.50 0.00	21.91 -0.49 0.00	23.75 -0.39 0.00	27.14 -0.26 -0.91	27.61 -0.23 -2.30	28.70 -0.26 -3.44	27.91 -0.31 -2.76	27.57 -0.40 -2.67	25.53 -0.54 -1.42	24.51 -0.52 -1.20	25.08 -0.55 -1.83	24.92 -0.57 -1.64	25.06 -0.55 -1.61	30.65 -0.44 -5.25	28.87 -0.19 -2.62	28.44 -0.20 -3.03	25.41 -0.38 -0.40	25.10 -0.48 -0.29	23.93 -0.54 -0.01	22.72 -0.49 0.00	23.05 -0.40 0.00
ONTARIO___LFGE 23819	23.27 -0.60 0.00	22.52 -0.53 0.00	21.37 -0.55 0.00	21.26 -0.54 0.00	21.96 -0.45 0.00	23.87 -0.26 0.00	36.28 0.05 -9.73	47.60 0.15 -21.91	61.27 0.03 -35.74	57.17 -0.05 -31.77	55.76 -0.28 -30.74	40.59 -0.44 -16.38	37.21 -0.43 -13.80	44.30 -0.52 -21.02	42.14 -0.57 -18.86	42.02 -0.55 -18.57	90.62 -0.23 -65.01	59.14 0.24 -32.46	60.58 0.20 -34.76	30.03 -0.15 -4.79	28.58 -0.30 -3.59	24.14 -0.47 -0.15	22.72 -0.49 0.00	23.08 -0.38 0.00
ORANGEVILLE_WT_PWR 323706	20.79 -3.08 0.00	20.29 -2.77 0.00	19.33 -2.59 0.00	19.25 -2.55 0.00	19.94 -2.46 0.00	21.62 -2.51 0.01	23.21 -2.49 0.79	21.58 -2.09 1.86	19.85 -2.19 3.47	19.79 -2.16 3.50	19.46 -2.45 3.39	20.30 -2.54 1.81	19.76 -2.55 1.52	18.89 -2.59 2.32	19.10 -2.67 2.08	19.29 -2.66 2.05	16.22 -2.43 7.19	20.89 -1.96 3.59	20.08 -2.00 3.54	22.06 -3.02 0.31	21.76 -3.29 0.25	21.12 -3.33 0.01	20.24 -2.97 0.00	20.80 -2.65 0.00
ORANGEVILLE___ESR 323794	20.79 -3.08 0.00	20.29 -2.77 0.00	19.33 -2.59 0.00	19.25 -2.55 0.00	19.94 -2.46 0.00	21.62 -2.51 0.01	23.21 -2.49 0.79	21.58 -2.09 1.86	19.85 -2.19 3.47	19.79 -2.16 3.50	19.46 -2.45 3.39	20.30 -2.54 1.81	19.76 -2.55 1.52	18.89 -2.59 2.32	19.10 -2.67 2.08	19.29 -2.66 2.05	16.22 -2.43 7.19	20.89 -1.96 3.59	20.08 -2.00 3.54	22.06 -3.02 0.31	21.76 -3.29 0.25	21.12 -3.33 0.01	20.24 -2.97 0.00	20.80 -2.65 0.00
OSWEGATCHIE___HYD 24044	23.39 -0.48 0.00	22.64 -0.41 0.00	21.48 -0.44 0.00	21.41 -0.39 0.00	22.03 -0.38 0.00	23.63 -0.51 0.00	25.91 -0.64 -0.05	25.07 -0.59 -0.12	25.10 -0.51 -0.10	25.10 -0.36 0.00	24.97 -0.33 0.00	24.58 -0.07 0.00	23.55 -0.28 0.00	23.45 -0.36 0.00	23.50 -0.36 0.00	23.62 -0.38 0.00	25.40 -0.44 0.00	25.70 -0.74 0.00	24.83 -0.84 -0.06	24.69 -0.71 0.00	24.61 -0.68 0.00	23.85 -0.61 0.00	22.75 -0.46 0.00	23.03 -0.42 0.00
OSWEGO___5 23606	22.94 -0.93 0.00	22.15 -0.90 0.00	21.09 -0.83 0.00	20.97 -0.83 0.00	21.58 -0.83 0.00	23.24 -0.89 0.00	25.81 -0.82 -0.13	25.13 -0.74 -0.33	25.03 -0.76 -0.28	24.67 -0.79 0.00	24.42 -0.89 0.00	23.69 -0.96 0.00	22.90 -0.93 0.00	22.88 -0.93 0.00	22.90 -0.95 0.00	23.06 -0.94 0.00	24.93 -0.91 0.00	25.70 -0.74 0.00	25.08 -0.72 -0.19	24.57 -0.84 -0.01	24.41 -0.89 0.00	23.53 -0.93 0.00	22.35 -0.86 0.00	22.70 -0.75 0.00
OSWEGO___6 23613	22.94 -0.93 0.00	22.15 -0.90 0.00	21.09 -0.83 0.00	20.97 -0.83 0.00	21.58 -0.83 0.00	23.24 -0.89 0.00	25.81 -0.82 -0.13	25.13 -0.74 -0.33	25.03 -0.76 -0.28	24.67 -0.79 0.00	24.42 -0.89 0.00	23.69 -0.96 0.00	22.90 -0.93 0.00	22.88 -0.93 0.00	22.90 -0.95 0.00	23.06 -0.94 0.00	24.93 -0.91 0.00	25.70 -0.74 0.00	25.08 -0.72 -0.19	24.57 -0.84 -0.01	24.41 -0.89 0.00	23.53 -0.93 0.00	22.35 -0.86 0.00	22.70 -0.75 0.00
OUTOKUMPU-AB___DRP 24206	21.12 -2.75 0.00	20.45 -2.61 0.00	19.42 -2.50 0.00	19.32 -2.49 0.00	19.94 -2.46 0.00	21.91 -2.22 0.01	23.44 -2.23 0.83	21.67 -1.92 1.95	19.83 -2.07 3.61	19.77 -2.06 3.63	19.49 -2.30 3.51	20.36 -2.42 1.87	19.87 -2.38 1.58	18.95 -2.45 2.40	19.12 -2.58 2.16	19.24 -2.64 2.12	16.12 -2.38 7.34	20.92 -1.85 3.67	20.15 -1.84 3.62	22.47 -2.59 0.34	22.17 -2.86 0.26	21.49 -2.96 0.01	20.64 -2.58 0.00	21.06 -2.39 0.00
OXBOW___BTM 323836	20.93 -2.94 0.00	20.40 -2.65 0.00	19.49 -2.43 0.00	19.32 -2.49 0.00	19.99 -2.42 0.00	21.57 -2.56 0.01	23.09 -2.54 0.86	21.24 -2.27 2.03	19.38 -2.40 3.73	19.31 -2.42 3.73	19.02 -2.68 3.61	19.99 -2.74 1.92	19.47 -2.74 1.62	18.58 -2.76 2.47	18.75 -2.89 2.21	18.87 -2.95 2.18	15.48 -2.71 7.65	20.42 -2.19 3.82	19.65 -2.18 3.79	22.18 -2.87 0.35	21.96 -3.06 0.27	21.29 -3.15 0.01	20.26 -2.95 0.00	20.85 -2.60 0.00



OXBOW____ 24026	20.91 -2.96 0.00	20.26 -2.79 0.00	19.23 -2.70 0.00	19.12 -2.68 0.00	19.74 -2.67 0.00	21.67 -2.46 0.01	23.12 -2.52 0.86	21.24 -2.27 2.03	19.38 -2.40 3.73	19.34 -2.39 3.73	19.07 -2.63 3.61	20.02 -2.71 1.92	19.54 -2.67 1.62	18.58 -2.76 2.47	18.78 -2.86 2.21	18.87 -2.95 2.18	15.58 -2.71 7.54	20.48 -2.19 3.77	19.74 -2.15 3.73	22.26 -2.79 0.34	21.96 -3.06 0.27	21.29 -3.15 0.01	20.43 -2.79 0.00	20.85 -2.60 0.00
OXY_CHEM_DSASP 323612	20.67 -3.20 0.00	20.03 -3.02 0.00	19.01 -2.92 0.00	18.90 -2.90 0.00	19.52 -2.89 0.00	21.40 -2.73 0.01	22.76 -2.84 0.90	20.77 -2.66 2.11	18.88 -2.78 3.85	18.86 -2.77 3.83	18.59 -3.01 3.70	19.62 -3.06 1.98	19.16 -3.00 1.67	18.18 -3.09 2.53	18.38 -3.20 2.28	18.47 -3.29 2.24	14.99 -3.10 7.75	19.98 -2.59 3.87	19.24 -2.54 3.84	21.98 -3.07 0.35	21.71 -3.31 0.27	21.04 -3.40 0.01	20.19 -3.02 0.00	20.61 -2.84 0.00
OZONE_PARK_ESR 323760	25.54 1.67 0.00	24.55 1.50 0.00	23.39 1.47 0.00	23.22 1.42 0.00	23.86 1.46 0.00	25.88 1.74 0.00	30.29 2.33 -1.46	31.82 2.58 -3.70	31.26 2.60 -3.15	29.19 2.57 -1.16	28.09 2.40 -0.38	26.76 2.02 -0.08	25.74 1.91 0.00	25.73 1.93 0.00	25.76 1.91 0.00	25.99 1.99 0.00	28.29 2.45 0.00	29.19 2.75 0.00	30.45 2.77 -2.07	28.06 2.57 -0.09	27.54 2.25 0.00	26.46 2.01 0.00	25.07 1.86 0.00	25.02 1.57 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.67 -3.20 0.00	20.03 -3.02 0.00	19.01 -2.92 0.00	18.90 -2.90 0.00	19.52 -2.89 0.00	21.40 -2.73 0.01	22.76 -2.84 0.90	20.77 -2.66 2.11	18.88 -2.78 3.85	18.86 -2.77 3.83	18.59 -3.01 3.70	19.62 -3.06 1.98	19.16 -3.00 1.67	18.18 -3.09 2.53	18.38 -3.20 2.28	18.47 -3.29 2.24	14.99 -3.10 7.75	19.98 -2.59 3.87	19.24 -2.54 3.84	21.98 -3.07 0.35	21.71 -3.31 0.27	21.04 -3.40 0.01	20.19 -3.02 0.00	20.61 -2.84 0.00
PACKARD__115KV_DUPONT_184 80571	20.67 -3.20 0.00	20.03 -3.02 0.00	19.01 -2.92 0.00	18.90 -2.90 0.00	19.52 -2.89 0.00	21.40 -2.73 0.01	22.76 -2.84 0.90	20.77 -2.66 2.11	18.88 -2.78 3.85	18.86 -2.77 3.83	18.59 -3.01 3.70	19.62 -3.06 1.98	19.16 -3.00 1.67	18.18 -3.09 2.53	18.38 -3.20 2.28	18.47 -3.29 2.24	14.99 -3.10 7.75	19.98 -2.59 3.87	19.24 -2.54 3.84	21.98 -3.07 0.35	21.71 -3.31 0.27	21.04 -3.40 0.01	20.19 -3.02 0.00	20.61 -2.84 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.52 1.65 0.00	24.55 1.50 0.00	23.37 1.45 0.00	23.18 1.37 0.00	23.84 1.43 0.00	25.73 1.59 0.00	29.95 1.99 -1.46	31.44 2.20 -3.70	30.85 2.19 -3.15	27.66 2.16 -0.04	27.36 2.05 -0.01	26.32 1.68 0.00	25.41 1.57 0.00	25.40 1.60 0.00	25.43 1.57 0.00	25.66 1.66 0.00	27.96 2.12 0.00	28.82 2.38 0.00	30.07 2.38 -2.07	27.70 2.21 -0.09	27.19 1.90 0.00	26.14 1.69 0.00	24.86 1.65 0.00	24.93 1.48 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.76 1.89 0.00	24.78 1.73 0.00	23.59 1.67 0.00	23.42 1.61 0.00	24.07 1.66 0.00	25.97 1.83 0.00	30.21 2.25 -1.46	31.69 2.45 -3.70	31.11 2.45 -3.15	27.91 2.42 -0.04	27.56 2.25 -0.01	26.52 1.87 0.00	25.60 1.76 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.16 2.33 0.00	29.06 2.62 0.00	30.30 2.61 -2.07	27.90 2.41 -0.09	27.39 2.10 0.00	26.34 1.88 0.00	25.07 1.86 0.00	25.14 1.69 0.00
PATROON__115KV_TB1 80586	24.85 0.98 0.00	23.95 0.90 0.00	22.82 0.90 0.00	22.67 0.87 0.00	23.33 0.92 0.00	25.20 1.06 0.00	29.75 1.43 -1.82	31.19 1.05 -4.60	30.44 1.02 -3.91	26.45 0.99 0.00	26.14 0.84 0.00	25.27 0.62 0.00	24.48 0.64 0.00	24.45 0.64 0.00	24.55 0.69 0.00	24.70 0.70 0.00	26.72 0.88 0.00	27.47 1.03 0.00	29.22 1.02 -2.58	26.53 1.02 -0.12	26.23 0.94 0.00	25.34 0.88 0.00	24.09 0.88 0.00	24.30 0.84 0.00
PATTRSNVILLE__SOLAR 323815	24.82 0.95 0.00	23.98 0.92 0.00	22.78 0.85 0.00	22.65 0.85 0.00	23.30 0.90 0.00	25.22 1.09 0.00	29.89 1.48 -1.91	31.85 1.48 -4.83	31.10 1.48 -4.11	26.81 1.35 0.00	26.49 1.19 0.00	25.61 0.96 0.00	24.79 0.95 0.00	24.76 0.95 0.00	24.81 0.95 0.00	25.01 1.01 0.00	27.13 1.29 0.00	27.89 1.45 0.00	29.78 1.46 -2.71	26.84 1.32 -0.12	26.56 1.26 0.00	25.63 1.17 0.00	24.23 1.02 0.00	24.37 0.91 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.39 -2.48 0.00	20.70 -2.35 0.00	19.64 -2.28 0.00	19.58 -2.22 0.00	20.23 -2.17 0.00	22.54 -1.59 0.01	24.29 -1.56 0.64	22.95 -1.07 1.51	21.39 -1.20 2.92	21.22 -1.20 3.04	20.95 -1.42 2.94	21.48 -1.60 1.57	20.96 -1.55 1.32	20.22 -1.57 2.01	20.40 -1.65 1.81	20.61 -1.61 1.78	18.26 -1.45 6.14	22.26 -1.11 3.07	21.61 -1.05 2.95	22.43 -2.72 0.25	22.08 -3.01 0.20	21.49 -2.96 0.01	21.01 -2.21 0.00	21.34 -2.11 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.40 1.53 0.00	24.46 1.41 0.00	23.28 1.36 0.00	23.15 1.35 0.00	23.73 1.32 0.00	25.71 1.57 0.00	30.06 2.07 -1.50	31.58 2.25 -3.80	31.03 2.30 -3.23	27.57 2.11 0.00	27.25 1.95 0.00	26.20 1.55 0.00	25.31 1.48 0.00	25.31 1.50 0.00	25.36 1.50 0.00	25.56 1.56 0.00	27.85 2.02 0.00	28.74 2.30 0.00	30.07 2.33 -2.13	27.78 2.29 -0.10	27.29 2.00 0.00	26.22 1.76 0.00	24.74 1.53 0.00	24.81 1.36 0.00
PEEKSKILL____ 23653	25.21 1.34 0.00	24.27 1.22 0.00	23.10 1.18 0.00	22.96 1.15 0.00	23.57 1.16 0.00	25.59 1.45 0.00	29.82 1.88 -1.45	31.29 2.09 -3.66	30.72 2.09 -3.11	27.49 2.04 0.00	27.18 1.87 0.00	26.16 1.50 0.00	25.26 1.43 0.00	25.26 1.45 0.00	25.28 1.43 0.00	25.49 1.49 0.00	27.72 1.89 0.00	28.61 2.17 0.00	29.84 2.18 -2.05	27.52 2.03 -0.09	27.11 1.82 0.00	26.00 1.54 0.00	24.60 1.39 0.00	24.65 1.20 0.00
PGE MADISON__WINDPWR 24146	25.80 1.93 0.00	24.80 1.75 0.00	23.39 1.47 0.00	23.33 1.53 0.00	24.09 1.68 0.00	26.28 2.15 0.00	30.55 2.84 -1.21	31.30 2.88 -2.87	31.84 2.55 -3.78	30.63 2.70 -2.47	30.02 2.33 -2.39	27.83 1.90 -1.28	26.55 1.64 -1.08	27.16 1.72 -1.64	27.04 1.72 -1.47	27.27 1.82 -1.45	33.41 2.43 -5.15	32.13 3.12 -2.57	31.94 2.92 -3.40	28.29 2.46 -0.43	27.94 2.35 -0.30	26.60 2.13 -0.01	24.95 1.74 0.00	25.23 1.78 0.00
PIERCEFIELD__HYD 23852	23.34 -0.53 0.00	22.68 -0.37 0.00	21.53 -0.39 0.00	21.48 -0.33 0.00	22.05 -0.36 0.00	23.44 -0.70 0.00	25.41 -1.11 -0.02	24.55 -1.05 -0.06	24.72 -0.84 -0.05	24.87 -0.59 0.00	24.92 -0.38 0.00	24.55 -0.10 0.00	23.45 -0.38 0.00	23.33 -0.48 0.00	23.35 -0.50 0.00	23.42 -0.58 0.00	24.99 -0.85 0.00	25.17 -1.27 0.00	24.24 -1.41 -0.03	24.31 -1.09 0.00	24.38 -0.91 0.00	23.65 -0.81 0.00	22.56 -0.65 0.00	23.05 -0.40 0.00
PINELAWN_CC_1 323563	31.38 2.05 -5.46	25.84 1.91 -0.88	23.76 1.84 0.00	23.57 1.77 0.00	24.22 1.81 0.00	31.48 2.20 -5.15	39.35 2.78 -10.07	37.13 2.96 -8.63	38.90 2.98 -10.41	33.05 2.88 -4.72	28.01 2.71 0.00	26.79 2.14 0.00	25.90 2.07 0.00	25.99 2.19 0.00	27.05 2.19 -1.00	29.67 2.28 -3.39	32.36 2.77 -3.76	38.25 3.12 -8.69	37.70 3.12 -8.96	33.83 2.87 -5.56	32.85 2.66 -4.90	31.72 2.35 -4.91	28.40 2.11 -3.08	27.17 1.90 -1.82



PJM_GEN_HTP_PROXY 323702	25.35 1.48 0.00	24.39 1.34 0.00	23.21 1.29 0.00	23.07 1.26 0.00	23.68 1.28 0.00	25.73 1.59 0.00	30.03 2.07 -1.46	31.56 2.32 -3.70	30.98 2.32 -3.15	28.92 2.32 -1.15	27.81 2.13 -0.38	26.48 1.75 -0.08	25.50 1.67 0.00	25.47 1.67 0.00	25.50 1.64 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.73 2.24 -0.09	27.32 2.02 0.00	26.19 1.74 0.00	25.17 1.60 -0.36	24.45 1.36 0.36
PJM_GEN_KEystone 24065	23.25 -0.62 0.00	22.48 -0.58 0.00	21.40 -0.53 0.00	21.28 -0.52 0.00	21.91 -0.49 0.00	23.82 -0.31 0.00	27.08 -0.05 -0.64	27.42 0.23 -1.65	26.74 0.13 -1.11	25.00 0.10 0.56	24.69 -0.08 0.54	24.04 -0.32 0.29	23.26 -0.33 0.24	23.08 -0.36 0.37	23.12 -0.41 0.33	23.27 -0.41 0.33	24.57 -0.13 1.14	26.13 0.26 0.57	26.42 0.28 -0.53	25.15 -0.30 -0.05	24.79 -0.51 0.00	23.80 -0.66 0.00	22.99 -0.58 -0.36	22.53 -0.56 0.36
PJM_GEN_NEPTUNE_PROXY 323594	31.05 1.72 -5.46	25.52 1.59 -0.88	23.46 1.53 0.00	23.26 1.46 0.00	23.91 1.50 0.00	31.12 1.83 -5.15	38.90 2.33 -10.07	36.70 2.53 -8.63	38.44 2.53 -10.41	32.64 2.47 -4.72	27.61 2.30 0.00	26.48 1.82 0.00	25.57 1.74 0.00	25.66 1.86 0.00	26.71 1.86 -1.00	29.31 1.92 -3.39	31.95 2.35 -3.76	37.77 2.64 -8.69	37.21 2.64 -8.95	33.42 2.46 -5.56	32.45 2.25 -4.90	31.32 1.96 -4.91	28.44 1.79 -3.44	26.49 1.57 -1.47
PJM_GEN_VFT_PROXY 323633	25.23 1.36 0.00	24.25 1.20 0.00	23.10 1.18 0.00	22.94 1.13 0.00	23.57 1.16 0.00	25.59 1.45 0.00	29.87 1.91 -1.46	31.44 2.20 -3.70	30.85 2.19 -3.15	28.81 2.19 -1.16	27.71 2.03 -0.38	26.41 1.68 -0.08	25.41 1.57 0.00	25.40 1.60 0.00	25.43 1.57 0.00	25.63 1.63 0.00	27.91 2.07 0.00	28.77 2.33 0.00	30.02 2.33 -2.07	27.65 2.16 -0.09	27.27 1.97 0.00	26.12 1.66 0.00	25.10 1.53 -0.36	24.36 1.27 0.36
PLATSBURG_115KV_PMLD1 355749	24.25 0.38 0.00	23.40 0.35 0.00	22.25 0.33 0.00	22.22 0.41 0.00	22.74 0.34 0.00	24.31 0.17 0.00	25.94 -0.56 0.00	24.98 -0.56 0.00	24.87 -0.64 0.00	24.97 -0.48 0.00	25.15 -0.15 0.00	24.95 0.30 0.00	24.00 0.17 0.00	24.09 0.29 0.00	24.07 0.21 0.00	24.07 0.07 0.00	25.66 -0.18 0.00	25.86 -0.58 0.00	24.64 -0.97 0.00	24.74 -0.66 0.00	24.69 -0.61 0.00	23.82 -0.64 0.00	22.52 -0.70 0.00	23.15 -0.30 0.00
PLEASANTVLY__LBMP 24000	25.06 1.19 0.00	24.16 1.11 0.00	23.00 1.07 0.00	22.85 1.05 0.00	23.48 1.08 0.00	25.44 1.30 0.00	29.76 1.72 -1.54	31.31 1.86 -3.90	30.72 1.89 -3.32	27.26 1.81 0.00	26.95 1.64 0.00	25.96 1.31 0.00	25.10 1.26 0.00	25.09 1.29 0.00	25.17 1.31 0.00	25.34 1.34 0.00	27.52 1.68 0.00	28.37 1.93 0.00	29.75 1.95 -2.19	27.30 1.80 -0.10	26.91 1.62 0.00	25.90 1.44 0.00	24.49 1.28 0.00	24.53 1.08 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.23 1.36 0.00	24.30 1.24 0.00	23.13 1.21 0.00	22.98 1.18 0.00	23.62 1.21 0.00	25.61 1.47 0.00	29.94 1.96 -1.48	31.43 2.15 -3.74	30.86 2.17 -3.18	27.55 2.09 0.00	27.23 1.92 0.00	26.20 1.55 0.00	25.31 1.48 0.00	25.33 1.52 0.00	25.36 1.50 0.00	25.56 1.56 0.00	27.80 1.96 0.00	28.66 2.22 0.00	29.94 2.23 -2.10	27.60 2.11 -0.09	27.14 1.85 0.00	26.09 1.64 0.00	24.67 1.46 0.00	24.72 1.27 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.23 1.36 0.00	24.30 1.24 0.00	23.13 1.21 0.00	22.98 1.18 0.00	23.62 1.21 0.00	25.61 1.47 0.00	29.94 1.96 -1.48	31.43 2.15 -3.74	30.86 2.17 -3.18	27.55 2.09 0.00	27.23 1.92 0.00	26.20 1.55 0.00	25.31 1.48 0.00	25.33 1.52 0.00	25.36 1.50 0.00	25.56 1.56 0.00	27.80 1.96 0.00	28.66 2.22 0.00	29.94 2.23 -2.10	27.60 2.11 -0.09	27.14 1.85 0.00	26.09 1.64 0.00	24.67 1.46 0.00	24.72 1.27 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.25 1.38 0.00	24.32 1.27 0.00	23.17 1.25 0.00	23.00 1.20 0.00	23.64 1.23 0.00	25.61 1.47 0.00	29.94 1.93 -1.51	31.41 2.04 -3.82	30.83 2.07 -3.25	27.39 1.93 0.00	27.05 1.75 0.00	26.03 1.38 0.00	25.17 1.33 0.00	25.16 1.36 0.00	25.21 1.36 0.00	25.44 1.44 0.00	27.70 1.86 0.00	28.53 2.09 0.00	29.88 2.13 -2.14	27.50 2.01 -0.10	27.06 1.77 0.00	26.05 1.59 0.00	24.63 1.42 0.00	24.69 1.24 0.00
POLETTI____ 23519	25.28 1.41 0.00	24.32 1.27 0.00	23.19 1.27 0.00	23.02 1.22 0.00	23.66 1.25 0.00	25.63 1.50 0.00	29.97 2.01 -1.46	31.49 2.25 -3.70	30.93 2.27 -3.15	28.86 2.24 -1.16	27.76 2.07 -0.38	26.46 1.73 -0.08	25.45 1.62 0.00	25.45 1.64 0.00	25.48 1.62 0.00	25.70 1.70 0.00	27.96 2.12 0.00	28.82 2.38 0.00	30.07 2.38 -2.07	27.70 2.21 -0.09	27.21 1.92 0.00	26.17 1.71 0.00	24.79 1.58 0.00	24.79 1.34 0.00
POMONA____ESR 323819	25.18 1.31 0.00	24.25 1.20 0.00	23.06 1.14 0.00	22.91 1.11 0.00	23.55 1.14 0.00	25.56 1.42 0.00	29.76 1.85 -1.41	31.16 2.04 -3.58	30.59 2.04 -3.04	27.44 1.99 0.00	27.13 1.82 0.00	26.11 1.45 0.00	25.21 1.38 0.00	25.21 1.40 0.00	25.24 1.38 0.00	25.44 1.44 0.00	27.67 1.83 0.00	28.56 2.12 0.00	29.77 2.15 -2.00	27.47 1.98 -0.09	27.06 1.77 0.00	25.95 1.49 0.00	24.56 1.35 0.00	24.60 1.15 0.00
PORT_JEFF_3 23555	31.81 2.48 -5.46	26.26 2.33 -0.88	24.16 2.24 0.00	23.94 2.14 0.00	24.63 2.22 0.00	31.91 2.63 -5.15	39.88 3.31 -10.07	37.67 3.50 -8.63	39.44 3.52 -10.41	33.56 3.39 -4.72	28.49 3.19 0.00	27.21 2.56 0.00	26.31 2.48 0.00	26.42 2.62 0.00	27.48 2.62 -1.00	30.08 2.69 -3.39	32.85 3.26 -3.76	38.80 3.67 -8.69	38.26 3.69 -8.96	34.34 3.38 -5.56	33.36 3.16 -4.90	32.18 2.81 -4.92	28.82 2.53 -3.08	27.55 2.27 -1.82
PORT_JEFF_4 23616	31.81 2.48 -5.46	26.26 2.33 -0.88	24.16 2.24 0.00	23.94 2.14 0.00	24.63 2.22 0.00	31.91 2.63 -5.15	39.88 3.31 -10.07	37.67 3.50 -8.63	39.44 3.52 -10.41	33.56 3.39 -4.72	28.49 3.19 0.00	27.21 2.56 0.00	26.31 2.48 0.00	26.42 2.62 0.00	27.48 2.62 -1.00	30.08 2.69 -3.39	32.85 3.26 -3.76	38.80 3.67 -8.69	38.26 3.69 -8.96	34.34 3.38 -5.56	33.36 3.16 -4.90	32.18 2.81 -4.92	28.82 2.53 -3.08	27.55 2.27 -1.82
PORT_JEFF_IC 23713	31.79 2.46 -5.46	26.24 2.31 -0.88	24.14 2.21 0.00	23.92 2.11 0.00	24.61 2.20 0.00	31.91 2.63 -5.15	39.85 3.28 -10.07	37.64 3.47 -8.63	39.41 3.50 -10.41	33.53 3.36 -4.72	28.47 3.16 0.00	27.19 2.54 0.00	26.29 2.46 0.00	26.40 2.60 0.00	27.45 2.60 -1.00	30.05 2.66 -3.39	32.83 3.23 -3.76	38.78 3.65 -8.69	38.24 3.66 -8.96	34.31 3.35 -5.56	33.33 3.14 -4.90	32.16 2.79 -4.92	28.80 2.51 -3.08	27.55 2.27 -1.82
PPL PILGRIM_ST_GT1 24216	31.62 2.29 -5.46	26.08 2.14 -0.88	23.98 2.06 0.00	23.77 1.96 0.00	24.45 2.04 0.00	31.72 2.44 -5.15	39.64 3.07 -10.07	37.44 3.27 -8.63	39.18 3.27 -10.41	33.33 3.16 -4.72	28.29 2.98 0.00	27.07 2.42 0.00	26.14 2.31 0.00	26.24 2.43 0.00	27.29 2.43 -1.00	29.89 2.50 -3.39	32.65 3.05 -3.76	38.54 3.41 -8.69	37.98 3.41 -8.96	34.11 3.15 -5.56	33.13 2.93 -4.90	31.96 2.59 -4.92	28.64 2.34 -3.08	27.41 2.13 -1.82



PPL PILGRIM_ST_GT2 24217	31.62 2.29 -5.46	26.08 2.14 -0.88	23.98 2.06 0.00	23.77 1.96 0.00	24.45 2.04 0.00	31.72 2.44 -5.15	39.64 3.07 -10.07	37.44 3.27 -8.63	39.18 3.27 -10.41	33.33 3.16 -4.72	28.29 2.98 0.00	27.07 2.42 0.00	26.14 2.31 0.00	26.24 2.43 0.00	27.29 2.43 -1.00	29.89 2.50 -3.39	32.65 3.05 -3.76	38.54 3.41 -8.69	37.98 3.41 -8.96	34.11 3.15 -5.56	33.13 2.93 -4.90	31.96 2.59 -4.92	28.64 2.34 -3.08	27.41 2.13 -1.82
PPL_SHRM_GT3 24213	31.74 2.41 -5.46	26.19 2.26 -0.88	24.09 2.17 0.00	23.87 2.07 0.00	24.58 2.17 0.00	31.87 2.58 -5.15	39.82 3.26 -10.07	37.62 3.45 -8.63	39.36 3.44 -10.41	33.51 3.33 -4.72	28.44 3.14 0.00	27.17 2.52 0.00	26.24 2.41 0.00	26.33 2.52 0.00	27.38 2.53 -1.00	29.91 2.52 -3.39	32.70 3.10 -3.76	38.65 3.52 -8.69	38.11 3.54 -8.96	34.21 3.25 -5.56	33.28 3.08 -4.90	32.13 2.76 -4.92	28.71 2.41 -3.08	27.39 2.11 -1.82
PPL_SHRM_GT4 24214	31.74 2.41 -5.46	26.19 2.26 -0.88	24.09 2.17 0.00	23.87 2.07 0.00	24.58 2.17 0.00	31.87 2.58 -5.15	39.82 3.26 -10.07	37.62 3.45 -8.63	39.36 3.44 -10.41	33.51 3.33 -4.72	28.44 3.14 0.00	27.17 2.52 0.00	26.24 2.41 0.00	26.33 2.52 0.00	27.38 2.53 -1.00	29.91 2.52 -3.39	32.70 3.10 -3.76	38.65 3.52 -8.69	38.11 3.54 -8.96	34.21 3.25 -5.56	33.28 3.08 -4.90	32.13 2.76 -4.92	28.71 2.41 -3.08	27.39 2.11 -1.82
PROJECT___ORANGE 1 24174	23.18 -0.69 0.00	22.41 -0.65 0.00	21.29 -0.64 0.00	21.17 -0.63 0.00	21.78 -0.63 0.00	23.61 -0.53 0.00	26.26 -0.40 -0.16	26.10 -0.36 -0.92	26.31 -0.41 -1.20	25.77 -0.46 -0.78	25.50 -0.56 -0.75	24.36 -0.69 -0.40	23.50 -0.67 -0.34	23.63 -0.69 -0.51	23.60 -0.72 -0.46	23.73 -0.72 -0.45	26.79 -0.59 -1.55	26.87 -0.34 -0.77	26.30 -0.36 -1.05	24.99 -0.53 -0.12	24.75 -0.63 -0.09	23.77 -0.68 0.00	22.59 -0.63 0.00	22.91 -0.54 0.00
PROJECT___ORANGE 2 24166	23.18 -0.69 0.00	22.41 -0.65 0.00	21.29 -0.64 0.00	21.17 -0.63 0.00	21.78 -0.63 0.00	23.61 -0.53 0.00	26.26 -0.40 -0.16	26.10 -0.36 -0.92	26.31 -0.41 -1.20	25.77 -0.46 -0.78	25.50 -0.56 -0.75	24.36 -0.69 -0.40	23.50 -0.67 -0.34	23.63 -0.69 -0.51	23.60 -0.72 -0.46	23.73 -0.72 -0.45	26.79 -0.59 -1.55	26.87 -0.34 -0.77	26.30 -0.36 -1.05	24.99 -0.53 -0.12	24.75 -0.63 -0.09	23.77 -0.68 0.00	22.59 -0.63 0.00	22.91 -0.54 0.00
PUCKETT___SOLAR 323809	24.27 0.41 0.00	23.42 0.37 0.00	22.23 0.31 0.00	22.13 0.33 0.00	22.81 0.40 0.00	24.76 0.63 0.00	28.63 1.01 -1.12	29.32 1.12 -2.66	29.81 0.94 -3.35	28.37 0.89 -2.03	27.92 0.66 -1.96	26.07 0.37 -1.04	25.02 0.31 -0.88	25.46 0.31 -1.34	25.37 0.31 -1.20	25.57 0.38 -1.18	30.87 0.70 -4.33	29.74 1.14 -2.16	29.74 1.10 -3.02	26.46 0.69 -0.37	26.10 0.56 -0.26	24.88 0.42 -0.01	23.56 0.35 0.00	23.85 0.40 0.00
PYRITES___HYD 24023	23.94 0.07 0.00	23.24 0.18 0.00	22.05 0.13 0.00	22.00 0.20 0.00	22.59 0.18 0.00	24.06 -0.07 0.00	26.07 -0.42 0.00	25.18 -0.36 0.00	25.25 -0.26 0.00	25.43 -0.03 0.00	25.48 0.18 0.00	25.09 0.44 0.00	24.02 0.19 0.00	23.95 0.14 0.00	23.97 0.12 0.00	24.05 0.05 0.00	25.63 -0.21 0.00	25.83 -0.61 0.00	24.80 -0.82 0.00	24.91 -0.48 0.00	25.01 -0.28 0.00	24.24 -0.22 0.00	23.07 -0.14 0.00	23.52 0.07 0.00
QUAKERRD_115KV_BK1 80622	21.84 -2.03 0.00	21.14 -1.91 0.00	20.04 -1.89 0.00	19.93 -1.88 0.00	20.55 -1.86 0.00	22.30 -1.83 0.00	23.26 -1.75 1.49	20.56 -1.58 3.40	17.81 -1.68 6.02	17.91 -1.73 5.82	17.80 -1.87 5.63	19.66 -2.00 3.00	19.35 -1.95 2.53	17.94 -2.02 3.85	18.33 -2.08 3.45	18.51 -2.09 3.40	12.04 -1.96 11.84	18.91 -1.61 5.91	18.07 -1.56 5.98	22.72 -1.80 0.87	22.71 -1.92 0.66	22.40 -2.03 0.03	21.29 -1.93 0.00	21.65 -1.81 0.00
QUENSBRY_115KV_TB8 356137	25.13 1.27 0.00	24.23 1.18 0.00	23.02 1.10 0.00	22.87 1.07 0.00	23.55 1.14 0.00	25.54 1.40 0.00	30.32 1.96 -1.86	32.24 1.99 -4.71	31.53 2.02 -4.00	27.21 1.76 0.00	26.82 1.52 0.00	25.83 1.18 0.00	25.02 1.19 0.00	24.95 1.14 0.00	25.02 1.17 0.00	25.20 1.20 0.00	27.49 1.65 0.00	28.29 1.85 0.00	30.15 1.90 -2.64	27.22 1.70 -0.12	27.01 1.72 0.00	26.05 1.59 0.00	24.56 1.35 0.00	24.60 1.15 0.00
RAMAPO___LBMP 323565	25.06 1.19 0.00	24.14 1.08 0.00	22.97 1.05 0.00	22.83 1.02 0.00	23.46 1.05 0.00	25.44 1.30 0.00	29.65 1.75 -1.41	31.04 1.94 -3.57	30.48 1.94 -3.03	27.34 1.88 0.00	27.02 1.72 0.00	26.01 1.36 0.00	25.14 1.31 0.00	25.14 1.33 0.00	25.14 1.29 0.00	25.34 1.34 0.00	27.57 1.73 0.00	28.45 2.01 0.00	29.64 2.02 -2.00	27.37 1.88 -0.09	26.89 1.59 0.00	25.87 1.42 0.00	24.49 1.28 0.00	24.53 1.08 0.00
RANKINE___ 23646	21.29 -2.58 0.00	20.61 -2.44 0.00	19.58 -2.35 0.00	19.49 -2.31 0.00	20.12 -2.29 0.00	22.20 -1.93 0.01	23.90 -1.88 0.72	22.37 -1.48 1.69	20.71 -1.61 3.19	20.59 -1.60 3.26	20.30 -1.85 3.16	20.99 -1.97 1.69	20.46 -1.95 1.42	19.62 -2.02 2.16	19.79 -2.12 1.94	19.95 -2.14 1.91	17.35 -1.89 6.60	21.71 -1.43 3.30	20.95 -1.46 3.21	22.58 -2.54 0.28	22.27 -2.81 0.22	21.59 -2.86 0.01	20.87 -2.34 0.00	21.25 -2.20 0.00
RAVENSWOOD_GT2_1 24244	25.33 1.46 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.69 1.28 0.00	25.68 1.54 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.49 1.75 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.19 1.74 0.00	24.84 1.62 0.00	24.81 1.36 0.00
RAVENSWOOD_GT2_2 24245	25.33 1.46 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.69 1.28 0.00	25.68 1.54 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.49 1.75 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.19 1.74 0.00	24.84 1.62 0.00	24.81 1.36 0.00
RAVENSWOOD_GT2_3 24246	25.35 1.48 0.00	24.39 1.34 0.00	23.24 1.32 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.68 1.54 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	30.98 2.32 -3.15	28.94 2.32 -1.17	27.84 2.15 -0.39	26.51 1.77 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.75 1.75 0.00	28.03 2.20 0.00	28.90 2.46 0.00	30.15 2.46 -2.07	27.78 2.29 -0.09	27.29 2.00 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.84 1.38 0.00
RAVENSWOOD_GT2_4 24247	25.35 1.48 0.00	24.39 1.34 0.00	23.24 1.32 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.68 1.54 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	30.98 2.32 -3.15	28.94 2.32 -1.17	27.84 2.15 -0.39	26.51 1.77 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.75 1.75 0.00	28.03 2.20 0.00	28.90 2.46 0.00	30.15 2.46 -2.07	27.78 2.29 -0.09	27.29 2.00 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.84 1.38 0.00



RAVENSWOOD_GT3_1 24248	25.33 1.46 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.69 1.28 0.00	25.68 1.54 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.51 1.77 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.81 1.36 0.00
RAVENSWOOD_GT3_2 24249	25.33 1.46 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.69 1.28 0.00	25.68 1.54 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.51 1.77 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.81 1.36 0.00
RAVENSWOOD_GT3_3 24250	25.33 1.46 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.71 1.30 0.00	25.68 1.54 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.51 1.77 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.81 1.36 0.00
RAVENSWOOD_GT3_4 24251	25.33 1.46 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.71 1.30 0.00	25.68 1.54 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.51 1.77 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.81 1.36 0.00
RAVENSWOOD_GT_1 23729	25.47 1.60 0.00	24.48 1.43 0.00	23.32 1.40 0.00	23.15 1.35 0.00	23.80 1.39 0.00	25.75 1.62 0.00	30.08 2.12 -1.46	31.59 2.35 -3.70	31.03 2.37 -3.15	28.97 2.34 -1.17	27.89 2.20 -0.39	26.56 1.82 -0.08	25.57 1.74 0.00	25.54 1.74 0.00	25.59 1.74 0.00	25.82 1.82 0.00	28.11 2.27 0.00	28.98 2.54 0.00	30.22 2.54 -2.07	27.85 2.36 -0.09	27.34 2.05 0.00	26.27 1.81 0.00	24.93 1.72 0.00	24.93 1.48 0.00
RAVENSWOOD_GT_10 24258	25.33 1.46 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.69 1.28 0.00	25.68 1.54 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.49 1.75 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
RAVENSWOOD_GT_11 24259	25.33 1.46 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.69 1.28 0.00	25.68 1.54 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.49 1.75 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
RAVENSWOOD_GT_4 24252	25.30 1.43 0.00	24.34 1.29 0.00	23.22 1.29 0.00	23.02 1.22 0.00	23.69 1.28 0.00	25.66 1.52 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.49 1.75 -0.08	25.48 1.64 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
RAVENSWOOD_GT_5 24254	25.30 1.43 0.00	24.34 1.29 0.00	23.22 1.29 0.00	23.02 1.22 0.00	23.69 1.28 0.00	25.66 1.52 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.49 1.75 -0.08	25.48 1.64 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
RAVENSWOOD_GT_6 24253	25.30 1.43 0.00	24.34 1.29 0.00	23.22 1.29 0.00	23.02 1.22 0.00	23.69 1.28 0.00	25.66 1.52 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.49 1.75 -0.08	25.48 1.64 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
RAVENSWOOD_GT_7 24255	25.30 1.43 0.00	24.34 1.29 0.00	23.22 1.29 0.00	23.02 1.22 0.00	23.69 1.28 0.00	25.66 1.52 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.49 1.75 -0.08	25.48 1.64 0.00	25.47 1.67 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.12 2.43 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.33 1.46 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.69 1.28 0.00	25.68 1.54 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.49 1.75 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
RAVENSWOOD_GT_9 24257	25.33 1.46 0.00	24.37 1.31 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.69 1.28 0.00	25.68 1.54 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.82 2.13 -0.39	26.49 1.75 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.87 2.43 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.19 1.74 0.00	24.81 1.60 0.00	24.81 1.36 0.00
RAVENSWOOD___1 23533	25.49 1.62 0.00	24.51 1.45 0.00	23.33 1.40 0.00	23.15 1.35 0.00	23.80 1.39 0.00	25.80 1.66 0.00	30.05 2.09 -1.46	31.59 2.35 -3.70	31.03 2.37 -3.15	28.97 2.34 -1.17	27.89 2.20 -0.39	26.56 1.82 -0.08	25.55 1.72 0.00	25.54 1.74 0.00	25.57 1.72 0.00	25.80 1.80 0.00	28.09 2.25 0.00	28.98 2.54 0.00	30.22 2.54 -2.07	27.83 2.34 -0.09	27.39 2.10 0.00	26.27 1.81 0.00	24.91 1.69 0.00	24.93 1.48 0.00
RAVENSWOOD___2 23534	25.47 1.60 0.00	24.51 1.45 0.00	23.33 1.40 0.00	23.15 1.35 0.00	23.80 1.39 0.00	25.78 1.64 0.00	30.03 2.07 -1.46	31.56 2.32 -3.70	31.00 2.35 -3.15	28.94 2.35 -1.17	27.89 2.20 -0.39	26.56 1.82 -0.08	25.55 1.72 0.00	25.52 1.72 0.00	25.57 1.72 0.00	25.80 1.80 0.00	28.09 2.25 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.83 2.34 -0.09	27.37 2.07 0.00	26.24 1.78 0.00	24.91 1.69 0.00	24.93 1.48 0.00



RAVENSWOOD___3 23535	25.37 1.50 0.00	24.41 1.36 0.00	23.24 1.32 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.73 1.59 0.00	30.03 2.07 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	28.92 2.29 -1.17	27.84 2.15 -0.39	26.51 1.78 -0.08	25.50 1.67 0.00	25.50 1.69 0.00	25.52 1.67 0.00	25.73 1.73 0.00	28.01 2.17 0.00	28.90 2.46 0.00	30.15 2.46 -2.07	27.75 2.26 -0.09	27.34 2.05 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.84 1.38 0.00
RAVENSWOOD___4 23820	25.47 1.60 0.00	24.51 1.45 0.00	23.30 1.38 0.00	23.15 1.35 0.00	23.80 1.39 0.00	25.78 1.64 0.00	30.03 2.07 -1.46	31.56 2.32 -3.70	31.00 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.53 1.80 -0.08	25.55 1.72 0.00	25.52 1.72 0.00	25.57 1.72 0.00	25.78 1.78 0.00	28.09 2.25 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.80 2.31 -0.09	27.37 2.07 0.00	26.24 1.78 0.00	24.91 1.69 0.00	24.91 1.45 0.00
RCPL_TRUST___DRP 24196	25.35 1.48 0.00	24.37 1.31 0.00	23.24 1.32 0.00	23.07 1.26 0.00	23.71 1.30 0.00	25.68 1.54 0.00	30.08 2.12 -1.46	31.59 2.35 -3.70	31.01 2.35 -3.15	28.98 2.37 -1.15	27.86 2.18 -0.38	26.53 1.80 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.55 1.69 0.00	25.75 1.75 0.00	28.03 2.20 0.00	28.90 2.46 0.00	30.17 2.48 -2.07	27.78 2.29 -0.09	27.29 2.00 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.81 1.36 0.00
RED___ROCHESTER 323720	22.18 -1.69 0.00	21.53 -1.52 0.00	20.45 -1.47 0.00	20.32 -1.48 0.00	21.00 -1.41 0.00	22.62 -1.52 0.00	24.38 -1.30 0.82	22.43 -1.12 1.98	20.60 -1.22 3.68	20.47 -1.27 3.71	20.24 -1.47 3.59	21.11 -1.63 1.91	20.60 -1.62 1.61	19.68 -1.67 2.46	19.91 -1.74 2.20	20.10 -1.73 2.17	16.66 -1.52 7.65	21.53 -1.09 3.82	20.80 -1.05 3.76	23.44 -1.40 0.56	23.32 -1.54 0.43	22.72 -1.71 0.02	21.49 -1.72 0.00	21.98 -1.48 0.00
REGAN___SOLAR 323812	26.42 2.56 0.00	25.47 2.42 0.00	24.16 2.24 0.00	24.05 2.25 0.00	24.83 2.42 0.00	27.08 2.94 0.00	32.38 3.84 -2.04	34.59 3.88 -5.17	33.63 3.72 -4.40	28.74 3.29 0.00	28.26 2.96 0.00	27.19 2.54 0.00	26.31 2.48 0.00	26.26 2.45 0.00	26.33 2.48 0.00	26.64 2.64 0.00	29.15 3.31 0.00	30.03 3.60 0.00	32.07 3.56 -2.90	28.73 3.20 -0.13	28.63 3.34 0.00	27.59 3.13 0.00	25.97 2.76 0.00	25.99 2.53 0.00
RENSSELAER___COGEN 23796	24.78 0.91 0.00	23.93 0.88 0.00	22.75 0.83 0.00	22.61 0.81 0.00	23.24 0.83 0.00	25.15 1.01 0.00	29.60 1.30 -1.80	31.01 0.92 -4.56	30.28 0.89 -3.88	26.32 0.87 0.00	26.01 0.71 0.00	25.17 0.52 0.00	24.40 0.57 0.00	24.35 0.55 0.00	24.45 0.60 0.00	24.60 0.60 0.00	26.61 0.77 0.00	27.36 0.92 0.00	29.09 0.92 -2.55	26.43 0.91 -0.12	26.20 0.91 0.00	25.24 0.78 0.00	24.00 0.79 0.00	24.20 0.75 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.83 1.96 0.00	24.87 1.82 0.00	23.61 1.69 0.00	23.46 1.66 0.00	24.18 1.77 0.00	26.29 2.15 0.00	31.32 2.97 -1.86	33.28 3.04 -4.70	32.57 3.06 -4.00	28.08 2.62 0.00	27.61 2.30 0.00	26.52 1.87 0.00	25.72 1.88 0.00	25.59 1.79 0.00	25.64 1.79 0.00	25.82 1.82 0.00	28.32 2.48 0.00	29.16 2.72 0.00	31.02 2.77 -2.63	28.01 2.49 -0.12	27.87 2.58 0.00	26.85 2.40 0.00	25.30 2.09 0.00	25.30 1.85 0.00
REVERE_CPPR_DRP 24186	24.66 0.79 0.00	23.75 0.69 0.00	22.54 0.61 0.00	22.43 0.63 0.00	23.10 0.69 0.00	25.08 0.94 0.00	27.88 1.30 -0.08	27.03 1.28 -0.21	26.84 1.15 -0.18	26.63 1.17 0.00	26.26 0.96 0.00	25.54 0.89 0.00	24.64 0.81 0.00	24.59 0.79 0.00	24.64 0.79 0.00	24.82 0.82 0.00	26.90 1.06 0.00	27.66 1.22 0.00	26.84 1.10 -0.12	26.37 0.97 -0.01	26.15 0.86 0.00	25.21 0.76 0.00	23.86 0.65 0.00	24.09 0.63 0.00
REYNOLDS_115KV_TB3 80639	24.80 0.93 0.00	23.93 0.88 0.00	22.80 0.88 0.00	22.65 0.85 0.00	23.28 0.87 0.00	25.15 1.01 0.00	29.68 1.38 -1.80	31.20 1.10 -4.56	30.51 1.12 -3.88	26.55 1.09 0.00	26.24 0.94 0.00	25.34 0.69 0.00	24.57 0.74 0.00	24.54 0.74 0.00	24.64 0.79 0.00	24.79 0.79 0.00	26.79 0.96 0.00	27.60 1.16 0.00	29.32 1.15 -2.56	26.63 1.12 -0.12	26.33 1.04 0.00	25.41 0.95 0.00	24.09 0.88 0.00	24.25 0.80 0.00
RIVERBAY____ 323610	25.76 1.89 0.00	24.78 1.73 0.00	23.59 1.67 0.00	23.42 1.61 0.00	24.07 1.66 0.00	25.97 1.83 0.00	30.21 2.25 -1.46	31.69 2.45 -3.70	31.11 2.45 -3.15	27.91 2.42 -0.04	27.56 2.25 -0.01	26.52 1.87 0.00	25.60 1.76 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.16 2.33 0.00	29.06 2.62 0.00	30.30 2.61 -2.07	27.90 2.41 -0.09	27.39 2.10 0.00	26.34 1.88 0.00	25.07 1.86 0.00	25.14 1.69 0.00
RIVERSDE_115KV_TB3 55908	24.80 0.93 0.00	23.93 0.88 0.00	22.80 0.88 0.00	22.65 0.85 0.00	23.28 0.87 0.00	25.15 1.01 0.00	29.68 1.38 -1.81	31.13 1.02 -4.58	30.42 1.02 -3.89	26.45 0.99 0.00	26.14 0.84 0.00	25.27 0.62 0.00	24.50 0.67 0.00	24.47 0.67 0.00	24.55 0.69 0.00	24.72 0.72 0.00	26.72 0.88 0.00	27.50 1.06 0.00	29.23 1.05 -2.56	26.55 1.04 -0.12	26.23 0.94 0.00	25.34 0.88 0.00	24.07 0.86 0.00	24.25 0.80 0.00
ROARING___BROOK_WT_PWR 323790	23.27 -0.60 0.00	22.50 -0.55 0.00	21.40 -0.53 0.00	21.28 -0.52 0.00	21.87 -0.54 0.00	23.49 -0.65 0.00	25.65 -0.85 0.00	24.72 -0.82 0.00	24.75 -0.76 0.00	24.77 -0.69 0.00	24.75 -0.56 0.00	24.28 -0.37 0.00	23.50 -0.33 0.00	23.52 -0.28 0.00	23.59 -0.26 0.00	23.71 -0.29 0.00	25.37 -0.46 0.00	25.75 -0.69 0.00	24.85 -0.77 0.00	24.69 -0.71 0.00	24.51 -0.78 0.00	23.75 -0.71 0.00	22.56 -0.65 0.00	22.80 -0.66 0.00
ROCHESRG_115KV_T4 355643	22.03 -1.84 0.00	21.32 -1.73 0.00	20.23 -1.69 0.00	20.10 -1.70 0.00	20.75 -1.66 0.00	22.54 -1.59 0.00	24.25 -1.46 0.79	22.31 -1.33 1.90	20.53 -1.43 3.55	20.39 -1.48 3.59	20.18 -1.64 3.48	21.02 -1.77 1.85	20.53 -1.74 1.56	19.60 -1.83 2.38	19.81 -1.91 2.13	19.98 -1.92 2.10	16.80 -1.73 7.30	21.50 -1.30 3.65	20.78 -1.26 3.58	23.31 -1.55 0.54	23.13 -1.75 0.41	22.58 -1.86 0.02	21.47 -1.74 0.00	21.86 -1.59 0.00
ROCHESTER_9_IC 23652	22.10 -1.77 0.00	21.42 -1.64 0.00	20.30 -1.62 0.00	20.17 -1.64 0.00	20.82 -1.59 0.00	22.64 -1.50 0.00	24.33 -1.35 0.82	22.33 -1.23 1.98	20.53 -1.30 3.68	20.39 -1.35 3.71	20.17 -1.54 3.59	21.04 -1.70 1.91	20.55 -1.67 1.61	19.61 -1.74 2.46	19.84 -1.81 2.20	20.01 -1.82 2.17	16.66 -1.63 7.55	21.48 -1.19 3.77	20.76 -1.15 3.71	23.37 -1.47 0.55	23.22 -1.64 0.42	22.65 -1.79 0.02	21.54 -1.67 0.00	21.90 -1.55 0.00
ROCKVIEW_13_KV_LD 356306	25.33 1.46 0.00	24.39 1.34 0.00	23.22 1.29 0.00	23.05 1.24 0.00	23.71 1.30 0.00	25.71 1.57 0.00	30.05 2.09 -1.46	31.54 2.30 -3.70	30.98 2.32 -3.15	27.71 2.24 -0.01	27.38 2.07 0.00	26.35 1.70 0.00	25.45 1.62 0.00	25.47 1.67 0.00	25.50 1.65 0.00	25.70 1.70 0.00	27.98 2.14 0.00	28.85 2.41 0.00	30.10 2.41 -2.07	27.75 2.26 -0.09	27.27 1.97 0.00	26.22 1.76 0.00	24.79 1.58 0.00	24.81 1.36 0.00



ROME____115KV_TB2 80656	24.66 0.79 0.00	23.75 0.69 0.00	22.54 0.61 0.00	22.43 0.63 0.00	23.10 0.69 0.00	25.08 0.94 0.00	27.88 1.30 -0.08	27.03 1.28 -0.21	26.84 1.15 -0.18	26.63 1.17 0.00	26.26 0.96 0.00	25.54 0.89 0.00	24.64 0.81 0.00	24.59 0.79 0.00	24.64 0.79 0.00	24.82 0.82 0.00	26.90 1.06 0.00	27.66 1.22 0.00	26.84 1.10 -0.12	26.37 0.97 -0.01	26.15 0.86 0.00	25.21 0.76 0.00	23.86 0.65 0.00	24.09 0.63 0.00
ROSETON____1 23587	25.06 1.19 0.00	24.14 1.08 0.00	22.97 1.05 0.00	22.83 1.02 0.00	23.46 1.05 0.00	25.42 1.28 0.00	29.64 1.67 -1.47	31.08 1.81 -3.73	30.52 1.84 -3.17	27.21 1.76 0.00	26.92 1.62 0.00	25.93 1.28 0.00	25.07 1.24 0.00	25.04 1.24 0.00	25.09 1.24 0.00	25.30 1.30 0.00	27.49 1.66 0.00	28.34 1.90 0.00	29.60 1.90 -2.09	27.27 1.78 -0.09	26.91 1.62 0.00	25.82 1.37 0.00	24.44 1.23 0.00	24.51 1.06 0.00
ROSETON____2 23588	25.06 1.19 0.00	24.14 1.08 0.00	22.97 1.05 0.00	22.83 1.02 0.00	23.46 1.05 0.00	25.42 1.28 0.00	29.64 1.67 -1.47	31.08 1.81 -3.73	30.52 1.84 -3.17	27.21 1.76 0.00	26.92 1.62 0.00	25.93 1.28 0.00	25.07 1.24 0.00	25.04 1.24 0.00	25.09 1.24 0.00	25.30 1.30 0.00	27.49 1.66 0.00	28.34 1.90 0.00	29.60 1.90 -2.09	27.27 1.78 -0.09	26.91 1.62 0.00	25.82 1.37 0.00	24.44 1.23 0.00	24.51 1.06 0.00
ROTTDRDAM_115KV_TB3 80664	24.66 0.79 0.00	23.79 0.74 0.00	22.62 0.70 0.00	22.50 0.70 0.00	23.12 0.72 0.00	25.01 0.87 0.00	29.57 1.19 -1.88	31.49 1.20 -4.75	30.78 1.22 -4.04	26.58 1.12 0.00	26.29 0.99 0.00	25.44 0.79 0.00	24.62 0.79 0.00	24.57 0.76 0.00	24.64 0.79 0.00	24.82 0.82 0.00	26.90 1.06 0.00	27.66 1.22 0.00	29.51 1.23 -2.66	26.64 1.12 -0.12	26.33 1.04 0.00	25.41 0.95 0.00	24.05 0.84 0.00	24.18 0.73 0.00
RUSSELL____1 23602	22.17 -1.69 0.00	21.46 -1.59 0.00	20.34 -1.58 0.00	20.21 -1.59 0.00	20.88 -1.52 0.00	22.69 -1.45 0.00	24.41 -1.27 0.82	22.43 -1.12 1.98	20.63 -1.20 3.68	20.47 -1.27 3.71	20.27 -1.44 3.59	21.11 -1.63 1.91	20.62 -1.60 1.61	19.68 -1.67 2.46	19.91 -1.74 2.20	20.10 -1.73 2.17	16.77 -1.52 7.55	21.59 -1.08 3.77	20.86 -1.05 3.71	23.47 -1.37 0.55	23.32 -1.54 0.42	22.73 -1.71 0.02	21.59 -1.62 0.00	21.97 -1.48 0.00
RUSSELL____2 23532	22.17 -1.69 0.00	21.46 -1.59 0.00	20.34 -1.58 0.00	20.21 -1.59 0.00	20.88 -1.52 0.00	22.69 -1.45 0.00	24.41 -1.27 0.82	22.43 -1.12 1.98	20.63 -1.20 3.68	20.47 -1.27 3.71	20.27 -1.44 3.59	21.11 -1.63 1.91	20.62 -1.60 1.61	19.68 -1.67 2.46	19.91 -1.74 2.20	20.10 -1.73 2.17	16.77 -1.52 7.55	21.59 -1.08 3.77	20.86 -1.05 3.71	23.47 -1.37 0.55	23.32 -1.54 0.42	22.73 -1.71 0.02	21.59 -1.62 0.00	21.97 -1.48 0.00
RUSSELL____3 23549	22.17 -1.69 0.00	21.46 -1.59 0.00	20.34 -1.58 0.00	20.21 -1.59 0.00	20.88 -1.52 0.00	22.69 -1.45 0.00	24.41 -1.27 0.82	22.43 -1.12 1.98	20.63 -1.20 3.68	20.47 -1.27 3.71	20.27 -1.44 3.59	21.11 -1.63 1.91	20.62 -1.60 1.61	19.68 -1.67 2.46	19.91 -1.74 2.20	20.10 -1.73 2.17	16.77 -1.52 7.55	21.59 -1.08 3.77	20.86 -1.05 3.71	23.47 -1.37 0.55	23.32 -1.54 0.42	22.73 -1.71 0.02	21.59 -1.62 0.00	21.97 -1.48 0.00
RUSSELL____4 23556	22.17 -1.69 0.00	21.46 -1.59 0.00	20.34 -1.58 0.00	20.21 -1.59 0.00	20.88 -1.52 0.00	22.69 -1.45 0.00	24.41 -1.27 0.82	22.43 -1.12 1.98	20.63 -1.20 3.68	20.47 -1.27 3.71	20.27 -1.44 3.59	21.11 -1.63 1.91	20.62 -1.60 1.61	19.68 -1.67 2.46	19.91 -1.74 2.20	20.10 -1.73 2.17	16.77 -1.52 7.55	21.59 -1.08 3.77	20.86 -1.05 3.71	23.47 -1.37 0.55	23.32 -1.54 0.42	22.73 -1.71 0.02	21.59 -1.62 0.00	21.97 -1.48 0.00
RUSSELL____STATION 23914	22.17 -1.69 0.00	21.46 -1.59 0.00	20.34 -1.58 0.00	20.21 -1.59 0.00	20.88 -1.52 0.00	22.69 -1.45 0.00	24.41 -1.27 0.82	22.43 -1.12 1.98	20.63 -1.20 3.68	20.47 -1.27 3.71	20.27 -1.44 3.59	21.11 -1.63 1.91	20.62 -1.60 1.61	19.68 -1.67 2.46	19.91 -1.74 2.20	20.10 -1.73 2.17	16.77 -1.52 7.55	21.59 -1.08 3.77	20.86 -1.05 3.71	23.47 -1.37 0.55	23.32 -1.54 0.42	22.73 -1.71 0.02	21.59 -1.62 0.00	21.97 -1.48 0.00
S SALMON____HYD 24043	23.18 -0.69 0.00	22.38 -0.67 0.00	21.26 -0.66 0.00	21.17 -0.63 0.00	21.76 -0.65 0.00	23.46 -0.68 0.00	26.34 -0.50 -0.34	25.99 -0.43 -0.89	26.21 -0.51 -1.21	25.82 -0.48 -0.84	25.51 -0.61 -0.82	24.44 -0.64 -0.43	23.53 -0.67 -0.37	23.67 -0.69 -0.56	23.64 -0.71 -0.50	23.80 -0.70 -0.49	26.95 -0.59 -1.71	26.87 -0.42 -0.85	26.24 -0.46 -1.09	24.92 -0.61 -0.13	24.73 -0.66 -0.09	23.75 -0.71 0.00	22.56 -0.65 0.00	22.91 -0.54 0.00
S.PERRY__115KV_TB1 80734	23.18 -0.69 0.00	22.41 -0.65 0.00	21.22 -0.70 0.00	21.10 -0.70 0.00	21.85 -0.56 0.00	23.92 -0.22 0.00	27.57 0.19 -0.89	27.96 0.46 -1.96	28.45 0.28 -2.66	27.44 0.15 -1.83	26.95 -0.13 -1.77	25.15 -0.44 -0.95	24.18 -0.45 -0.80	24.50 -0.52 -1.21	24.37 -0.57 -1.09	24.59 -0.48 -1.07	29.59 -0.08 -3.83	28.85 0.50 -1.91	28.58 0.51 -2.45	25.59 -0.13 -0.32	25.19 -0.33 -0.23	23.93 -0.54 -0.01	22.68 -0.53 0.00	23.01 -0.45 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.17 -2.70 0.00	20.52 -2.54 0.00	19.47 -2.46 0.00	19.36 -2.44 0.00	20.01 -2.40 0.00	21.96 -2.17 0.01	23.51 -2.15 0.84	21.71 -1.86 1.96	19.90 -1.99 3.62	19.84 -1.99 3.63	19.56 -2.23 3.51	20.46 -2.32 1.87	19.96 -2.29 1.58	19.05 -2.36 2.40	19.24 -2.46 2.16	19.36 -2.52 2.12	16.22 -2.27 7.34	21.00 -1.77 3.67	20.23 -1.77 3.62	22.52 -2.57 0.32	22.21 -2.83 0.25	21.53 -2.91 0.01	20.71 -2.51 0.00	21.13 -2.32 0.00
SAWYER__23_KV_LOAD 55526	21.17 -2.70 0.00	20.52 -2.54 0.00	19.47 -2.46 0.00	19.36 -2.44 0.00	20.01 -2.40 0.00	21.96 -2.17 0.01	23.51 -2.15 0.84	21.71 -1.86 1.96	19.90 -1.99 3.62	19.84 -1.99 3.63	19.56 -2.23 3.51	20.46 -2.32 1.87	19.96 -2.29 1.58	19.05 -2.36 2.40	19.24 -2.46 2.16	19.36 -2.52 2.12	16.22 -2.27 7.34	21.00 -1.77 3.67	20.23 -1.77 3.62	22.52 -2.57 0.32	22.21 -2.83 0.25	21.53 -2.91 0.01	20.71 -2.51 0.00	21.13 -2.32 0.00
SELKIRK____I 23801	24.80 0.93 0.00	23.95 0.90 0.00	22.78 0.85 0.00	22.63 0.83 0.00	23.28 0.87 0.00	25.17 1.04 0.00	29.57 1.30 -1.77	31.12 1.10 -4.48	30.40 1.07 -3.81	26.48 1.02 0.00	26.19 0.89 0.00	25.32 0.67 0.00	24.52 0.69 0.00	24.50 0.69 0.00	24.57 0.71 0.00	24.75 0.74 0.00	26.77 0.93 0.00	27.52 1.08 0.00	29.18 1.05 -2.51	26.53 1.02 -0.11	26.33 1.04 0.00	25.36 0.91 0.00	24.07 0.86 0.00	24.27 0.82 0.00
SELKIRK____II 23799	24.70 0.84 0.00	23.86 0.81 0.00	22.69 0.77 0.00	22.54 0.74 0.00	23.17 0.76 0.00	25.05 0.92 0.00	29.48 1.19 -1.79	31.07 0.99 -4.53	30.34 0.97 -3.86	26.40 0.94 0.00	26.11 0.81 0.00	25.24 0.59 0.00	24.45 0.62 0.00	24.42 0.62 0.00	24.50 0.64 0.00	24.67 0.67 0.00	26.69 0.85 0.00	27.44 1.00 0.00	29.13 0.97 -2.54	26.48 0.96 -0.11	26.23 0.94 0.00	25.26 0.81 0.00	23.98 0.76 0.00	24.18 0.73 0.00



SENECA OSWGO___HYD 24041	22.94 -0.93 0.00	22.18 -0.88 0.00	21.09 -0.83 0.00	20.97 -0.83 0.00	21.58 -0.83 0.00	23.29 -0.85 0.00	26.20 -0.71 -0.42	25.95 -0.66 -1.08	26.31 -0.69 -1.49	25.78 -0.74 -1.06	25.50 -0.83 -1.03	24.26 -0.94 -0.55	23.39 -0.91 -0.46	23.58 -0.93 -0.70	23.53 -0.95 -0.63	23.68 -0.94 -0.62	27.14 -0.85 -2.15	26.91 -0.61 -1.08	26.35 -0.62 -1.35	24.80 -0.76 -0.17	24.58 -0.83 -0.12	23.56 -0.90 -0.01	22.38 -0.83 0.00	22.75 -0.70 0.00
SENECA___115KV_TB3 355854	21.32 -2.55 0.00	20.66 -2.40 0.00	19.60 -2.32 0.00	19.51 -2.29 0.00	20.17 -2.24 0.00	22.22 -1.91 0.01	23.95 -1.83 0.72	22.42 -1.43 1.69	20.74 -1.58 3.19	20.64 -1.55 3.26	20.32 -1.82 3.16	21.02 -1.95 1.69	20.50 -1.91 1.42	19.67 -1.98 2.16	19.84 -2.08 1.94	19.98 -2.11 1.91	17.38 -1.86 6.60	21.77 -1.37 3.30	21.00 -1.41 3.21	22.63 -2.49 0.28	22.32 -2.76 0.22	21.63 -2.81 0.01	20.89 -2.32 0.00	21.27 -2.18 0.00
SENECA___ENERGY 23797	23.08 -0.79 0.00	22.31 -0.74 0.00	21.20 -0.72 0.00	21.08 -0.72 0.00	21.76 -0.65 0.00	23.58 -0.55 0.00	30.45 -0.32 -4.27	35.12 -0.21 -9.79	40.96 -0.30 -15.75	38.86 -0.38 -13.79	38.09 -0.56 -13.34	31.04 -0.72 -7.11	29.13 -0.69 -5.99	32.19 -0.74 -9.12	31.25 -0.79 -8.19	31.29 -0.77 -8.06	53.50 -0.54 -28.20	40.34 -0.18 -14.08	40.68 -0.18 -15.24	27.00 -0.48 -2.08	26.27 -0.58 -1.56	23.79 -0.73 -0.07	22.49 -0.72 0.00	22.84 -0.61 0.00
SHOEMAKER___GT 23640	24.92 1.05 0.00	24.00 0.95 0.00	22.84 0.92 0.00	22.70 0.89 0.00	23.33 0.92 0.00	25.27 1.13 0.00	29.32 1.48 -1.34	30.55 1.61 -3.40	30.01 1.61 -2.89	26.96 1.50 0.00	26.67 1.37 0.00	25.69 1.04 0.00	24.86 1.02 0.00	24.83 1.02 0.00	24.88 1.02 0.00	25.08 1.08 0.00	27.26 1.42 0.00	28.08 1.64 0.00	29.18 1.66 -1.90	27.03 1.55 -0.09	26.68 1.39 0.00	25.63 1.17 0.00	24.26 1.05 0.00	24.34 0.89 0.00
SHOEMAKR_138KV_BK 111 55601	24.87 1.00 0.00	23.98 0.92 0.00	22.82 0.90 0.00	22.67 0.87 0.00	23.30 0.90 0.00	25.25 1.11 0.00	29.34 1.51 -1.33	30.52 1.61 -3.38	29.99 1.61 -2.87	26.98 1.53 0.00	26.67 1.37 0.00	25.71 1.06 0.00	24.86 1.02 0.00	24.85 1.05 0.00	24.88 1.03 0.00	25.08 1.08 0.00	27.26 1.42 0.00	28.10 1.67 0.00	29.20 1.69 -1.89	27.03 1.55 -0.09	26.61 1.32 0.00	25.63 1.17 0.00	24.26 1.04 0.00	24.34 0.89 0.00
SHOREHAM_IC_1 23715	31.74 2.41 -5.46	26.19 2.26 -0.88	24.09 2.17 0.00	23.87 2.07 0.00	24.58 2.17 0.00	31.87 2.58 -5.15	39.82 3.26 -10.07	37.62 3.45 -8.63	39.36 3.44 -10.41	33.51 3.33 -4.72	28.44 3.14 0.00	27.17 2.52 0.00	26.24 2.41 0.00	26.33 2.52 0.00	27.38 2.53 -1.00	29.91 2.52 -3.39	32.70 3.10 -3.76	38.65 3.52 -8.69	38.11 3.54 -8.96	34.21 3.25 -5.56	33.28 3.08 -4.90	32.13 2.76 -4.92	28.71 2.41 -3.08	27.39 2.11 -1.82
SHOREHAM_IC_2 23716	31.74 2.41 -5.46	26.19 2.26 -0.88	24.09 2.17 0.00	23.87 2.07 0.00	24.58 2.17 0.00	31.87 2.58 -5.15	39.82 3.26 -10.07	37.62 3.45 -8.63	39.36 3.44 -10.41	33.51 3.33 -4.72	28.44 3.14 0.00	27.17 2.52 0.00	26.24 2.41 0.00	26.33 2.52 0.00	27.38 2.53 -1.00	29.91 2.52 -3.39	32.70 3.10 -3.76	38.65 3.52 -8.69	38.11 3.54 -8.96	34.21 3.25 -5.56	33.28 3.08 -4.90	32.13 2.76 -4.92	28.71 2.41 -3.08	27.39 2.11 -1.82
SISSONVILLE___ 23735	23.34 -0.53 0.00	22.68 -0.37 0.00	21.53 -0.39 0.00	21.48 -0.33 0.00	22.05 -0.36 0.00	23.44 -0.70 0.00	25.41 -1.11 -0.02	24.55 -1.05 -0.06	24.72 -0.84 -0.05	24.87 -0.59 0.00	24.92 -0.38 0.00	24.55 -0.10 0.00	23.45 -0.38 0.00	23.33 -0.48 0.00	23.35 -0.50 0.00	23.42 -0.58 0.00	24.99 -0.85 0.00	25.17 -1.27 0.00	24.24 -1.41 -0.03	24.31 -1.09 0.00	24.38 -0.91 0.00	23.65 -0.81 0.00	22.56 -0.65 0.00	23.05 -0.40 0.00
SITHE_IND_GS1 24169	22.75 -1.12 0.00	21.97 -1.08 0.00	20.91 -1.01 0.00	20.80 -1.00 0.00	21.40 -1.01 0.00	23.03 -1.11 0.00	25.55 -1.06 -0.12	24.87 -0.97 -0.30	24.74 -1.02 -0.26	24.41 -1.04 0.00	24.19 -1.11 0.00	23.47 -1.18 0.00	22.69 -1.14 0.00	22.66 -1.14 0.00	22.69 -1.17 0.00	22.85 -1.15 0.00	24.70 -1.14 0.00	25.46 -0.98 0.00	24.84 -0.95 -0.17	24.34 -1.07 -0.01	24.18 -1.11 0.00	23.31 -1.15 0.00	22.17 -1.04 0.00	22.56 -0.89 0.00
SITHE_IND_GS2 24170	22.75 -1.12 0.00	21.97 -1.08 0.00	20.91 -1.01 0.00	20.80 -1.00 0.00	21.40 -1.01 0.00	23.03 -1.11 0.00	25.55 -1.06 -0.12	24.87 -0.97 -0.30	24.74 -1.02 -0.26	24.41 -1.04 0.00	24.19 -1.11 0.00	23.47 -1.18 0.00	22.69 -1.14 0.00	22.66 -1.14 0.00	22.69 -1.17 0.00	22.85 -1.15 0.00	24.70 -1.14 0.00	25.46 -0.98 0.00	24.84 -0.95 -0.17	24.34 -1.07 -0.01	24.18 -1.11 0.00	23.31 -1.15 0.00	22.17 -1.04 0.00	22.56 -0.89 0.00
SITHE_IND_GS3 24171	22.75 -1.12 0.00	21.97 -1.08 0.00	20.91 -1.01 0.00	20.80 -1.00 0.00	21.40 -1.01 0.00	23.03 -1.11 0.00	25.55 -1.06 -0.12	24.87 -0.97 -0.30	24.74 -1.02 -0.26	24.41 -1.04 0.00	24.19 -1.11 0.00	23.47 -1.18 0.00	22.69 -1.14 0.00	22.66 -1.14 0.00	22.69 -1.17 0.00	22.85 -1.15 0.00	24.70 -1.14 0.00	25.46 -0.98 0.00	24.84 -0.95 -0.17	24.34 -1.07 -0.01	24.18 -1.11 0.00	23.31 -1.15 0.00	22.17 -1.04 0.00	22.56 -0.89 0.00
SITHE_IND_GS4 24172	22.75 -1.12 0.00	21.97 -1.08 0.00	20.91 -1.01 0.00	20.80 -1.00 0.00	21.40 -1.01 0.00	23.03 -1.11 0.00	25.55 -1.06 -0.12	24.87 -0.97 -0.30	24.74 -1.02 -0.26	24.41 -1.04 0.00	24.19 -1.11 0.00	23.47 -1.18 0.00	22.69 -1.14 0.00	22.66 -1.14 0.00	22.69 -1.17 0.00	22.85 -1.15 0.00	24.70 -1.14 0.00	25.46 -0.98 0.00	24.84 -0.95 -0.17	24.34 -1.07 -0.01	24.18 -1.11 0.00	23.31 -1.15 0.00	22.17 -1.04 0.00	22.56 -0.89 0.00
SITHE___BATAVIA 24024	21.65 -2.22 0.00	21.09 -1.96 0.00	19.99 -1.93 0.00	19.91 -1.90 0.00	20.61 -1.79 0.00	22.23 -1.91 0.00	23.92 -1.72 0.86	22.11 -1.38 2.05	20.23 -1.51 3.77	20.08 -1.60 3.78	19.78 -1.87 3.66	20.66 -2.05 1.95	20.12 -2.07 1.64	19.21 -2.10 2.50	19.42 -2.19 2.24	19.61 -2.18 2.21	16.14 -1.94 7.76	21.16 -1.40 3.88	20.47 -1.31 3.84	22.94 -2.01 0.45	22.74 -2.20 0.35	22.07 -2.37 0.01	20.94 -2.27 0.00	21.48 -1.97 0.00
SITHE___INDEPEND 23800	22.77 -1.10 0.00	22.02 -1.04 0.00	20.94 -0.99 0.00	20.82 -0.98 0.00	21.42 -0.99 0.00	23.12 -1.01 0.00	25.58 -1.03 -0.12	24.87 -0.97 -0.30	24.74 -1.02 -0.26	24.41 -1.04 0.00	24.19 -1.11 0.00	23.47 -1.18 0.00	22.71 -1.12 0.00	22.66 -1.14 0.00	22.68 -1.17 0.00	22.85 -1.15 0.00	24.70 -1.14 0.00	25.46 -0.98 0.00	24.84 -0.95 -0.17	24.34 -1.07 -0.01	24.15 -1.14 0.00	23.31 -1.15 0.00	22.19 -1.02 0.00	22.56 -0.89 0.00
SITHE___MASSENA 23902	23.82 -0.05 0.00	23.12 0.07 0.00	21.97 0.04 0.00	21.89 0.09 0.00	22.48 0.07 0.00	23.97 -0.17 0.00	25.91 -0.58 0.00	24.90 -0.64 0.00	24.90 -0.61 0.00	24.97 -0.48 0.00	25.05 -0.25 0.00	24.70 0.05 0.00	23.81 -0.02 0.00	23.78 -0.02 0.00	23.81 -0.05 0.00	23.91 -0.10 0.00	25.48 -0.36 0.00	25.73 -0.71 0.00	24.79 -0.82 0.00	24.86 -0.53 0.00	24.86 -0.43 0.00	24.21 -0.24 0.00	23.14 -0.07 0.00	23.43 -0.02 0.00



SITHE___OGDNSBRG 24021	24.01 0.14 0.00	23.31 0.25 0.00	22.12 0.20 0.00	22.06 0.26 0.00	22.65 0.25 0.00	24.14 0.00 0.00	26.13 -0.37 0.00	25.18 -0.36 0.00	25.20 -0.31 0.00	25.36 -0.10 0.00	25.40 0.10 0.00	25.05 0.39 0.00	24.05 0.21 0.00	23.97 0.17 0.00	24.00 0.14 0.00	24.10 0.10 0.00	25.68 -0.16 0.00	25.88 -0.56 0.00	24.90 -0.72 0.00	24.99 -0.41 0.00	25.09 -0.20 0.00	24.36 -0.10 0.00	23.17 -0.05 0.00	23.59 0.14 0.00
SITHE___STERLING 23777	24.42 0.55 0.00	23.56 0.51 0.00	22.36 0.44 0.00	22.26 0.46 0.00	22.92 0.52 0.00	24.84 0.70 0.00	27.63 1.03 -0.10	26.84 1.05 -0.25	26.67 0.94 -0.21	26.40 0.94 0.00	26.04 0.73 0.00	25.29 0.64 0.00	24.40 0.57 0.00	24.38 0.57 0.00	24.43 0.57 0.00	24.60 0.60 0.00	26.64 0.80 0.00	27.42 0.98 0.00	26.65 0.90 -0.14	26.14 0.74 -0.01	25.95 0.66 0.00	24.99 0.54 0.00	23.68 0.46 0.00	23.92 0.47 0.00
SLEIGHT__34_KV_TB1 80719	22.49 -1.38 0.00	21.74 -1.31 0.00	20.61 -1.32 0.00	20.49 -1.31 0.00	21.13 -1.28 0.00	22.98 -1.16 0.00	24.61 -0.98 0.91	22.67 -0.84 2.02	20.81 -0.94 3.75	20.66 -1.02 3.77	20.49 -1.16 3.65	21.37 -1.33 1.95	20.88 -1.31 1.64	19.93 -1.38 2.50	20.18 -1.43 2.24	20.38 -1.42 2.21	17.00 -1.24 7.60	21.80 -0.85 3.79	21.04 -0.85 3.73	23.72 -1.12 0.56	23.63 -1.24 0.43	23.07 -1.37 0.02	21.89 -1.32 0.00	22.26 -1.20 0.00
SOUTH CAIRO___GT 23612	25.75 1.89 0.00	24.80 1.75 0.00	23.59 1.67 0.00	23.46 1.66 0.00	24.13 1.73 0.00	26.12 1.98 0.00	30.48 2.28 -1.71	31.62 1.76 -4.32	30.84 1.66 -3.68	27.01 1.55 0.00	26.59 1.29 0.00	25.61 0.96 0.00	24.81 0.98 0.00	24.78 0.98 0.00	24.88 1.02 0.00	25.18 1.18 0.00	27.52 1.68 0.00	28.21 1.77 0.00	29.62 1.59 -2.42	27.34 1.83 -0.11	27.09 1.80 0.00	26.09 1.64 0.00	24.74 1.53 0.00	25.05 1.60 0.00
SOUTH HAMPTN___IC 23720	31.98 2.65 -5.46	26.44 2.51 -0.88	24.33 2.41 0.00	24.11 2.31 0.00	24.81 2.40 0.00	32.11 2.82 -5.15	40.14 3.58 -10.07	37.93 3.76 -8.63	39.69 3.77 -10.41	33.81 3.64 -4.72	28.74 3.44 0.00	27.41 2.76 0.00	26.50 2.67 0.00	26.57 2.76 0.00	27.62 2.77 -1.00	30.17 2.78 -3.39	32.98 3.38 -3.76	38.99 3.86 -8.69	38.44 3.87 -8.96	34.52 3.56 -5.56	33.56 3.36 -4.90	32.38 3.01 -4.92	28.96 2.67 -3.08	27.67 2.39 -1.82
SOUTHDOW_115KV_TB1 355954	21.55 -2.32 0.00	20.77 -2.28 0.00	19.71 -2.21 0.00	19.73 -2.07 0.00	20.35 -2.06 0.00	22.61 -1.52 0.01	24.80 -1.32 0.37	24.02 -0.64 0.88	22.80 -0.79 1.92	22.55 -0.74 2.17	22.16 -1.04 2.10	22.29 -1.23 1.12	21.65 -1.24 0.95	21.08 -1.29 1.44	21.15 -1.41 1.29	21.31 -1.42 1.27	20.38 -1.09 4.37	23.67 -0.58 2.18	23.06 -0.56 1.99	23.21 -2.06 0.13	22.88 -2.30 0.11	22.05 -2.40 0.00	21.35 -1.86 0.00	21.69 -1.76 0.00
SOUTHOLD_69_KV_BK 2 55809	32.29 2.96 -5.46	26.74 2.81 -0.88	24.64 2.72 0.00	24.40 2.59 0.00	25.12 2.71 0.00	32.44 3.16 -5.15	40.62 4.05 -10.07	38.39 4.21 -8.63	40.15 4.23 -10.41	34.25 4.07 -4.72	29.12 3.82 0.00	27.78 3.13 0.00	26.81 2.98 0.00	26.90 3.09 0.00	27.95 3.10 -1.00	30.53 3.14 -3.39	33.42 3.82 -3.76	39.60 4.47 -8.69	38.93 4.35 -8.96	34.97 4.01 -5.56	33.91 3.72 -4.90	32.77 3.40 -4.92	29.31 3.02 -3.08	28.04 2.77 -1.82
SOUTHOLD___IC 23719	32.34 3.01 -5.46	26.79 2.86 -0.88	24.66 2.74 0.00	24.44 2.64 0.00	25.14 2.73 0.00	32.47 3.19 -5.15	40.62 4.05 -10.07	38.38 4.21 -8.63	40.15 4.24 -10.41	34.25 4.07 -4.72	29.15 3.84 0.00	27.78 3.13 0.00	26.86 3.03 0.00	26.90 3.09 0.00	27.95 3.10 -1.00	30.53 3.14 -3.39	33.42 3.82 -3.76	39.49 4.36 -8.69	38.93 4.35 -8.96	34.97 4.01 -5.56	33.96 3.77 -4.90	32.77 3.40 -4.92	29.31 3.02 -3.08	28.04 2.77 -1.82
SOUTH_FORK_WT_PWR 323839	32.38 3.06 -5.46	26.81 2.88 -0.88	24.71 2.78 0.00	24.46 2.66 0.00	25.19 2.78 0.00	32.52 3.24 -5.15	40.64 4.08 -10.07	38.44 4.26 -8.63	40.18 4.26 -10.41	34.27 4.10 -4.72	29.17 3.87 0.00	27.81 3.16 0.00	26.88 3.05 0.00	26.92 3.12 0.00	27.98 3.12 -1.00	30.56 3.17 -3.39	33.47 3.87 -3.76	39.52 4.39 -8.69	38.98 4.41 -8.96	35.00 4.04 -5.56	34.02 3.82 -4.90	32.79 3.42 -4.92	29.36 3.06 -3.08	28.09 2.81 -1.82
SPIERFLS_115KV_TB 1 80737	25.02 1.15 0.00	24.11 1.06 0.00	22.91 0.99 0.00	22.76 0.96 0.00	23.44 1.03 0.00	25.39 1.26 0.00	30.16 1.80 -1.86	32.09 1.84 -4.71	31.35 1.84 -4.01	27.06 1.60 0.00	26.69 1.39 0.00	25.71 1.06 0.00	24.90 1.07 0.00	24.85 1.05 0.00	24.90 1.05 0.00	25.08 1.08 0.00	27.34 1.50 0.00	28.16 1.72 0.00	29.99 1.74 -2.64	27.07 1.55 -0.12	26.86 1.57 0.00	25.90 1.44 0.00	24.44 1.23 0.00	24.48 1.03 0.00
ST LAWRENCE____ 23600	23.68 -0.19 0.00	22.92 -0.14 0.00	21.77 -0.15 0.00	21.67 -0.13 0.00	22.25 -0.16 0.00	23.80 -0.34 0.00	25.73 -0.77 0.00	24.70 -0.84 0.00	24.72 -0.79 0.00	24.74 -0.71 0.00	24.82 -0.48 0.00	24.48 -0.17 0.00	23.64 -0.19 0.00	23.61 -0.19 0.00	23.66 -0.19 0.00	23.76 -0.24 0.00	25.29 -0.54 0.00	25.54 -0.90 0.00	24.67 -0.95 0.00	24.71 -0.68 0.00	24.71 -0.58 0.00	24.06 -0.39 0.00	22.93 -0.28 0.00	23.19 -0.26 0.00
STATE_CA_115KV_115_LB 55624	24.85 0.98 0.00	23.95 0.90 0.00	22.82 0.90 0.00	22.67 0.87 0.00	23.33 0.92 0.00	25.20 1.06 0.00	29.75 1.43 -1.82	31.19 1.05 -4.60	30.45 1.02 -3.92	26.45 0.99 0.00	26.14 0.84 0.00	25.27 0.62 0.00	24.50 0.67 0.00	24.45 0.64 0.00	24.55 0.69 0.00	24.70 0.70 0.00	26.72 0.88 0.00	27.50 1.06 0.00	29.22 1.02 -2.58	26.53 1.02 -0.12	26.23 0.94 0.00	25.34 0.88 0.00	24.09 0.88 0.00	24.30 0.84 0.00
STATE_ST_34_KV_LOAD 55959	23.39 -0.48 0.00	22.62 -0.44 0.00	21.46 -0.46 0.00	21.34 -0.46 0.00	21.98 -0.43 0.00	23.87 -0.27 0.00	28.44 -0.03 -1.97	30.25 0.05 -4.66	32.75 -0.03 -7.27	31.52 -0.08 -6.14	31.02 -0.23 -5.94	27.42 -0.39 -3.17	26.12 -0.38 -2.67	27.44 -0.43 -4.06	27.05 -0.45 -3.65	27.16 -0.43 -3.59	38.50 -0.23 -12.89	32.98 0.11 -6.44	32.82 0.08 -7.13	26.18 -0.18 -0.96	25.73 -0.28 -0.71	24.09 -0.39 -0.03	22.84 -0.37 0.00	23.15 -0.30 0.00
STATION 5_MISC_HYD 23604	22.10 -1.77 0.00	21.49 -1.57 0.00	20.41 -1.51 0.00	20.28 -1.53 0.00	20.95 -1.46 0.00	22.57 -1.57 0.00	24.30 -1.38 0.82	22.36 -1.20 1.98	20.53 -1.30 3.68	20.37 -1.38 3.71	20.14 -1.57 3.59	21.04 -1.70 1.91	20.53 -1.69 1.61	19.61 -1.74 2.46	19.83 -1.81 2.20	20.01 -1.83 2.17	16.56 -1.63 7.65	21.43 -1.19 3.82	20.70 -1.15 3.76	23.36 -1.47 0.56	23.24 -1.62 0.43	22.65 -1.78 0.02	21.43 -1.79 0.00	21.90 -1.55 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.68 -1.19 0.00	21.95 -1.11 0.00	20.80 -1.12 0.00	20.67 -1.13 0.00	21.35 -1.05 0.00	23.22 -0.92 0.00	23.38 -0.69 2.42	19.54 -0.56 5.44	15.44 -0.66 9.41	15.83 -0.74 8.88	15.80 -0.91 8.60	18.96 -1.11 4.58	18.90 -1.07 3.86	16.76 -1.17 5.88	17.39 -1.19 5.28	17.63 -1.18 5.19	6.82 -0.96 18.07	16.86 -0.56 9.02	15.83 -0.51 9.27	23.24 -0.84 1.32	23.28 -1.01 1.00	23.26 -1.15 0.04	22.12 -1.09 0.00	22.47 -0.98 0.00



STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.06 -1.81 0.00	21.37 -1.68 0.00	20.26 -1.67 0.00	20.12 -1.68 0.00	20.77 -1.64 0.00	22.57 -1.57 0.00	23.97 -1.43 1.10	21.68 -1.28 2.58	19.46 -1.38 4.68	19.43 -1.43 4.61	19.25 -1.59 4.46	20.53 -1.75 2.37	20.12 -1.72 2.00	18.97 -1.79 3.05	19.26 -1.86 2.73	19.46 -1.85 2.69	14.79 -1.68 9.37	20.52 -1.24 4.68	19.74 -1.20 4.67	23.19 -1.52 0.68	23.10 -1.67 0.52	22.62 -1.81 0.02	21.49 -1.72 0.00	21.86 -1.59 0.00
STA_56____34_KV_BUS2 355983	22.06 -1.81 0.00	21.37 -1.68 0.00	20.26 -1.67 0.00	20.12 -1.68 0.00	20.77 -1.64 0.00	22.57 -1.57 0.00	23.97 -1.43 1.10	21.68 -1.28 2.58	19.46 -1.38 4.68	19.43 -1.43 4.61	19.25 -1.59 4.46	20.53 -1.75 2.37	20.12 -1.72 2.00	18.97 -1.79 3.05	19.26 -1.86 2.73	19.46 -1.85 2.69	14.79 -1.68 9.37	20.52 -1.24 4.68	19.74 -1.20 4.67	23.19 -1.52 0.68	23.10 -1.67 0.52	22.62 -1.81 0.02	21.49 -1.72 0.00	21.86 -1.59 0.00
STA_67____115KV_BK2 355882	22.08 -1.79 0.00	21.37 -1.68 0.00	20.28 -1.64 0.00	20.15 -1.66 0.00	20.79 -1.61 0.00	22.59 -1.54 0.00	24.28 -1.40 0.82	22.32 -1.25 1.97	20.49 -1.35 3.66	20.36 -1.40 3.70	20.16 -1.57 3.58	21.02 -1.73 1.91	20.53 -1.69 1.61	19.58 -1.79 2.44	19.80 -1.86 2.19	19.99 -1.85 2.16	16.67 -1.65 7.51	21.47 -1.22 3.75	20.72 -1.20 3.69	23.35 -1.50 0.55	23.20 -1.67 0.42	22.63 -1.81 0.02	21.52 -1.69 0.00	21.88 -1.57 0.00
STA_7____115KV_9TRANS 80674	22.17 -1.69 0.00	21.46 -1.59 0.00	20.34 -1.58 0.00	20.21 -1.59 0.00	20.88 -1.52 0.00	22.69 -1.45 0.00	24.41 -1.27 0.82	22.43 -1.12 1.98	20.63 -1.20 3.68	20.47 -1.27 3.71	20.27 -1.44 3.59	21.11 -1.63 1.91	20.62 -1.60 1.61	19.68 -1.67 2.46	19.91 -1.74 2.20	20.10 -1.73 2.17	16.77 -1.52 7.55	21.59 -1.08 3.77	20.86 -1.05 3.71	23.47 -1.37 0.55	23.32 -1.54 0.42	22.73 -1.71 0.02	21.59 -1.62 0.00	21.97 -1.48 0.00
STA_82____115KV_TB1 80780	22.08 -1.79 0.00	21.39 -1.66 0.00	20.28 -1.64 0.00	20.15 -1.66 0.00	20.79 -1.61 0.00	22.62 -1.52 0.00	24.28 -1.38 0.84	22.25 -1.25 2.04	20.38 -1.35 3.78	20.26 -1.40 3.80	20.06 -1.57 3.67	20.97 -1.73 1.96	20.49 -1.69 1.65	19.53 -1.76 2.51	19.76 -1.84 2.25	19.93 -1.85 2.22	16.47 -1.65 7.72	21.37 -1.22 3.85	20.64 -1.18 3.79	23.34 -1.50 0.56	23.19 -1.67 0.43	22.63 -1.81 0.02	21.52 -1.69 0.00	21.88 -1.57 0.00
STEEL____WIND 323596	21.34 -2.53 0.00	20.80 -2.26 0.00	19.77 -2.15 0.00	19.69 -2.11 0.00	20.37 -2.04 0.00	22.13 -2.00 0.01	23.90 -1.88 0.72	22.40 -1.45 1.69	20.71 -1.61 3.19	20.59 -1.60 3.26	20.25 -1.90 3.16	20.94 -2.02 1.69	20.41 -2.00 1.42	19.60 -2.05 2.16	19.81 -2.10 1.94	19.95 -2.14 1.91	17.24 -1.89 6.71	21.66 -1.43 3.35	20.91 -1.43 3.28	22.55 -2.56 0.29	22.31 -2.76 0.23	21.61 -2.84 0.01	20.73 -2.48 0.00	21.27 -2.18 0.00
STEPHTWN_115KV_BK_2 55603	25.04 1.17 0.00	24.16 1.11 0.00	23.00 1.07 0.00	22.85 1.05 0.00	23.51 1.10 0.00	25.42 1.28 0.00	29.99 1.70 -1.80	31.42 1.33 -4.56	30.69 1.30 -3.88	26.70 1.25 0.00	26.34 1.04 0.00	25.46 0.81 0.00	24.67 0.83 0.00	24.62 0.81 0.00	24.69 0.83 0.00	24.86 0.86 0.00	26.95 1.11 0.00	27.73 1.30 0.00	29.45 1.28 -2.55	26.76 1.24 -0.12	26.48 1.19 0.00	25.56 1.10 0.00	24.30 1.09 0.00	24.48 1.03 0.00
STEUBEN_REC_LFGE 323667	23.30 -0.57 0.00	22.52 -0.53 0.00	21.37 -0.55 0.00	21.30 -0.50 0.00	22.07 -0.34 0.00	24.23 0.10 0.00	29.10 0.50 -2.10	31.11 0.79 -4.78	33.30 0.59 -7.20	31.81 0.53 -5.82	31.24 0.30 -5.63	27.68 0.02 -3.00	26.36 0.00 -2.53	27.56 -0.10 -3.85	27.17 -0.14 -3.46	27.28 -0.12 -3.40	38.23 0.39 -12.01	33.38 0.95 -5.99	33.34 0.87 -6.86	26.40 0.05 -0.95	25.76 -0.23 -0.70	24.12 -0.37 -0.03	22.93 -0.28 0.00	23.24 -0.21 0.00
STILLWATER____SOLAR 323814	25.06 1.19 0.00	24.18 1.13 0.00	22.97 1.05 0.00	22.83 1.02 0.00	23.48 1.08 0.00	25.46 1.33 0.00	30.07 1.72 -1.85	31.94 1.71 -4.69	31.21 1.71 -3.99	27.01 1.55 0.00	26.67 1.37 0.00	25.73 1.08 0.00	24.93 1.10 0.00	24.88 1.07 0.00	24.95 1.10 0.00	25.13 1.13 0.00	27.31 1.47 0.00	28.11 1.67 0.00	29.93 1.69 -2.62	27.07 1.55 -0.12	26.86 1.57 0.00	25.85 1.39 0.00	24.42 1.21 0.00	24.51 1.06 0.00
STONY____BROOK 24151	31.71 2.39 -5.46	26.17 2.24 -0.88	24.05 2.13 0.00	23.83 2.03 0.00	24.54 2.13 0.00	31.82 2.53 -5.15	39.72 3.15 -10.07	37.52 3.34 -8.63	39.29 3.37 -10.41	33.41 3.23 -4.72	28.34 3.04 0.00	27.07 2.42 0.00	26.17 2.34 0.00	26.33 2.52 0.00	27.38 2.53 -1.00	29.98 2.59 -3.39	32.72 3.13 -3.76	38.65 3.52 -8.69	38.11 3.54 -8.96	34.19 3.23 -5.56	33.20 3.01 -4.90	32.06 2.69 -4.92	28.73 2.44 -3.08	27.46 2.18 -1.82
STURGEON_POOL_HYD 23609	25.11 1.24 0.00	24.18 1.13 0.00	23.02 1.10 0.00	22.87 1.07 0.00	23.51 1.10 0.00	25.46 1.33 0.00	29.57 1.56 -1.51	31.15 1.79 -3.82	30.57 1.81 -3.25	27.34 1.88 0.00	27.02 1.72 0.00	25.98 1.33 0.00	25.10 1.26 0.00	25.09 1.29 0.00	25.14 1.29 0.00	25.37 1.37 0.00	27.62 1.78 0.00	28.47 2.04 0.00	29.65 1.90 -2.14	27.45 1.96 -0.10	26.94 1.64 0.00	25.92 1.47 0.00	24.49 1.28 0.00	24.53 1.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.99 1.12 0.00	24.07 1.01 0.00	22.93 1.01 0.00	22.76 0.96 0.00	23.42 1.01 0.00	25.37 1.23 0.00	29.54 1.67 -1.37	30.80 1.79 -3.47	30.25 1.79 -2.95	27.19 1.73 0.00	26.87 1.57 0.00	25.88 1.23 0.00	25.00 1.17 0.00	25.00 1.19 0.00	25.02 1.17 0.00	25.25 1.25 0.00	27.44 1.60 0.00	28.29 1.85 0.00	29.43 1.87 -1.94	27.24 1.75 -0.09	26.78 1.49 0.00	25.78 1.32 0.00	24.40 1.18 0.00	24.46 1.01 0.00
SWANROAD_115KV_TB1 355699	20.74 -3.13 0.00	20.10 -2.95 0.00	19.09 -2.83 0.00	18.99 -2.81 0.00	19.58 -2.82 0.00	21.38 -2.75 0.01	22.82 -2.81 0.87	20.92 -2.58 2.04	19.05 -2.70 3.75	18.98 -2.72 3.75	18.74 -2.94 3.63	19.71 -3.01 1.94	19.25 -2.96 1.63	18.28 -3.05 2.48	18.48 -3.15 2.23	18.59 -3.22 2.19	15.22 -3.02 7.59	20.13 -2.51 3.79	19.43 -2.43 3.75	22.02 -3.02 0.36	21.72 -3.29 0.28	21.07 -3.37 0.01	20.24 -2.97 0.00	20.66 -2.79 0.00
SYNERGY____BIOGAS 323694	21.65 -2.22 0.00	21.09 -1.96 0.00	19.99 -1.93 0.00	19.91 -1.90 0.00	20.61 -1.79 0.00	22.23 -1.91 0.00	23.92 -1.72 0.86	22.11 -1.38 2.05	20.23 -1.51 3.77	20.08 -1.60 3.78	19.78 -1.87 3.66	20.66 -2.05 1.95	20.12 -2.07 1.64	19.21 -2.10 2.50	19.42 -2.19 2.24	19.61 -2.18 2.21	16.14 -1.94 7.76	21.16 -1.40 3.88	20.47 -1.31 3.84	22.94 -2.01 0.45	22.74 -2.20 0.35	22.07 -2.37 0.01	20.94 -2.27 0.00	21.48 -1.97 0.00
SYRACUSE____ENERGY_ST1 323597	23.32 -0.55 0.00	22.55 -0.51 0.00	21.42 -0.50 0.00	21.30 -0.50 0.00	21.91 -0.49 0.00	23.75 -0.39 0.00	27.14 -0.26 -0.91	27.61 -0.23 -2.30	28.70 -0.26 -3.44	27.91 -0.31 -2.76	27.57 -0.40 -2.67	25.53 -0.54 -1.42	24.51 -0.52 -1.20	25.08 -0.55 -1.83	24.92 -0.57 -1.64	25.06 -0.55 -1.61	30.65 -0.44 -5.25	28.87 -0.19 -2.62	28.44 -0.20 -3.03	25.41 -0.38 -0.40	25.10 -0.48 -0.29	23.93 -0.54 -0.01	22.72 -0.49 0.00	23.05 -0.40 0.00



SYRACUSE___ENERGY_ST2 323598	23.32 -0.55 0.00	22.55 -0.51 0.00	21.42 -0.50 0.00	21.30 -0.50 0.00	21.91 -0.49 0.00	23.75 -0.39 0.00	27.14 -0.26 -0.91	27.61 -0.23 -2.30	28.70 -0.26 -3.44	27.91 -0.31 -2.76	27.57 -0.40 -2.67	25.53 -0.54 -1.42	24.51 -0.52 -1.20	25.08 -0.55 -1.83	24.92 -0.57 -1.64	25.06 -0.55 -1.61	30.65 -0.44 -5.25	28.87 -0.19 -2.62	28.44 -0.20 -3.03	25.41 -0.38 -0.40	25.10 -0.48 -0.29	23.93 -0.54 -0.01	22.72 -0.49 0.00	23.05 -0.40 0.00
SYRACUSE___POWER 24017	23.32 -0.55 0.00	22.52 -0.53 0.00	21.40 -0.53 0.00	21.28 -0.52 0.00	21.91 -0.49 0.00	23.73 -0.41 0.00	26.81 -0.24 -0.55	26.73 -0.20 -1.40	27.20 -0.26 -1.94	26.55 -0.31 -1.39	26.22 -0.43 -1.35	24.83 -0.54 -0.72	23.89 -0.55 -0.61	24.16 -0.57 -0.92	24.11 -0.57 -0.83	24.24 -0.58 -0.82	28.12 -0.44 -2.72	27.61 -0.19 -1.36	27.14 -0.18 -1.70	25.23 -0.38 -0.21	24.96 -0.48 -0.15	23.90 -0.56 -0.01	22.72 -0.49 0.00	23.03 -0.42 0.00
TALLMAN__138KV_BK151 55660	25.13 1.27 0.00	24.18 1.13 0.00	23.04 1.12 0.00	22.87 1.07 0.00	23.53 1.12 0.00	25.49 1.35 0.00	29.73 1.83 -1.41	31.11 2.02 -3.56	30.55 2.02 -3.03	27.42 1.96 0.00	27.10 1.80 0.00	26.08 1.43 0.00	25.19 1.36 0.00	25.19 1.38 0.00	25.21 1.36 0.00	25.42 1.42 0.00	27.65 1.81 0.00	28.53 2.09 0.00	29.73 2.13 -1.99	27.44 1.96 -0.09	26.96 1.67 0.00	25.92 1.47 0.00	24.53 1.32 0.00	24.58 1.13 0.00
TEALLAVE_115KV_TB7 355573	23.18 -0.69 0.00	22.41 -0.65 0.00	21.29 -0.64 0.00	21.17 -0.63 0.00	21.78 -0.63 0.00	23.58 -0.56 0.00	26.44 -0.42 -0.36	26.10 -0.38 -0.94	26.31 -0.43 -1.24	25.81 -0.46 -0.81	25.51 -0.58 -0.78	24.35 -0.71 -0.42	23.49 -0.69 -0.35	23.63 -0.71 -0.54	23.60 -0.74 -0.48	23.75 -0.72 -0.47	26.87 -0.59 -1.62	26.88 -0.37 -0.81	26.34 -0.36 -1.08	24.97 -0.56 -0.13	24.72 -0.66 -0.09	23.75 -0.71 0.00	22.59 -0.63 0.00	22.91 -0.54 0.00
TELGRAPH_34_KV_EAST 80808	21.29 -2.58 0.00	20.63 -2.42 0.00	19.55 -2.37 0.00	19.45 -2.35 0.00	20.10 -2.31 0.00	21.96 -2.17 0.00	23.52 -2.12 0.86	21.68 -1.81 2.04	19.79 -1.96 3.76	19.71 -1.99 3.76	19.44 -2.23 3.64	20.34 -2.37 1.94	19.86 -2.34 1.64	18.89 -2.43 2.49	19.09 -2.53 2.24	19.26 -2.54 2.20	15.89 -2.33 7.62	20.83 -1.80 3.81	20.14 -1.72 3.76	22.60 -2.39 0.41	22.34 -2.63 0.32	21.68 -2.76 0.01	20.77 -2.44 0.00	21.18 -2.27 0.00
TEMPLE___115KV_TB 2 55572	23.18 -0.69 0.00	22.41 -0.65 0.00	21.29 -0.64 0.00	21.17 -0.63 0.00	21.78 -0.63 0.00	23.61 -0.53 0.00	26.26 -0.40 -0.16	26.10 -0.36 -0.92	26.31 -0.41 -1.20	25.77 -0.46 -0.78	25.50 -0.56 -0.75	24.36 -0.69 -0.40	23.50 -0.67 -0.34	23.63 -0.69 -0.51	23.60 -0.72 -0.46	23.73 -0.72 -0.45	26.79 -0.59 -1.55	26.87 -0.34 -0.77	26.30 -0.36 -1.05	24.99 -0.53 -0.12	24.75 -0.63 -0.09	23.77 -0.68 0.00	22.59 -0.63 0.00	22.91 -0.54 0.00
TIANA____69_KV_BK 1 55817	31.88 2.55 -5.46	26.33 2.40 -0.88	24.22 2.30 0.00	24.00 2.20 0.00	24.72 2.31 0.00	31.99 2.70 -5.15	40.06 3.50 -10.07	37.82 3.65 -8.63	39.59 3.67 -10.41	33.71 3.54 -4.72	28.62 3.31 0.00	27.34 2.69 0.00	26.38 2.55 0.00	26.50 2.69 0.00	27.55 2.70 -1.00	30.10 2.71 -3.39	32.90 3.31 -3.76	38.99 3.86 -8.69	38.37 3.79 -8.96	34.44 3.48 -5.56	33.41 3.21 -4.90	32.31 2.93 -4.92	28.87 2.58 -3.08	27.60 2.32 -1.82
TILDEN__115KV_TB1 80814	23.32 -0.55 0.00	22.52 -0.53 0.00	21.40 -0.53 0.00	21.28 -0.52 0.00	21.91 -0.49 0.00	23.73 -0.41 0.00	26.81 -0.24 -0.55	26.73 -0.20 -1.40	27.20 -0.26 -1.94	26.55 -0.31 -1.39	26.22 -0.43 -1.35	24.83 -0.54 -0.72	23.89 -0.55 -0.61	24.16 -0.57 -0.92	24.11 -0.57 -0.83	24.24 -0.58 -0.82	28.12 -0.44 -2.72	27.61 -0.19 -1.36	27.14 -0.18 -1.70	25.23 -0.38 -0.21	24.96 -0.48 -0.15	23.90 -0.56 -0.01	22.72 -0.49 0.00	23.03 -0.42 0.00
TRIGEN___CC 323695	31.12 1.79 -5.46	25.59 1.66 -0.88	23.52 1.60 0.00	23.33 1.53 0.00	24.00 1.59 0.00	31.19 1.91 -5.15	39.03 2.46 -10.07	36.83 2.66 -8.63	38.57 2.65 -10.41	32.80 2.62 -4.72	27.73 2.43 0.00	26.60 1.95 0.00	25.69 1.86 0.00	25.78 1.98 0.00	26.81 1.96 -1.00	29.41 2.02 -3.39	32.08 2.48 -3.76	37.88 2.75 -8.69	37.34 2.77 -8.95	33.55 2.59 -5.56	32.50 2.30 -4.90	31.42 2.05 -4.91	28.17 1.88 -3.08	26.96 1.69 -1.82
TRINITY__115KV__ 4 BK 55933	24.78 0.91 0.00	23.91 0.85 0.00	22.78 0.85 0.00	22.63 0.83 0.00	23.26 0.85 0.00	25.13 0.99 0.00	29.63 1.32 -1.80	31.05 0.94 -4.57	30.31 0.92 -3.89	26.37 0.92 0.00	26.06 0.76 0.00	25.19 0.54 0.00	24.43 0.60 0.00	24.40 0.60 0.00	24.47 0.62 0.00	24.65 0.65 0.00	26.64 0.80 0.00	27.42 0.98 0.00	29.12 0.95 -2.56	26.48 0.97 -0.12	26.18 0.89 0.00	25.26 0.81 0.00	24.02 0.81 0.00	24.23 0.77 0.00
UNION___PROCESSING_DRP 323587	22.10 -1.77 0.00	21.39 -1.66 0.00	20.28 -1.64 0.00	20.17 -1.64 0.00	20.82 -1.59 0.00	22.62 -1.52 0.00	24.27 -1.38 0.85	22.22 -1.25 2.07	20.33 -1.35 3.83	20.21 -1.40 3.84	20.02 -1.57 3.72	20.94 -1.73 1.98	20.47 -1.69 1.67	19.50 -1.76 2.54	19.73 -1.84 2.28	19.91 -1.85 2.25	16.37 -1.65 7.81	21.32 -1.22 3.90	20.59 -1.18 3.85	23.33 -1.50 0.57	23.19 -1.67 0.44	22.63 -1.81 0.02	21.52 -1.69 0.00	21.90 -1.55 0.00
UPPER HUDSON___HYD 24058	25.02 1.15 0.00	24.14 1.08 0.00	22.93 1.01 0.00	22.78 0.98 0.00	23.46 1.05 0.00	25.44 1.30 0.00	30.16 1.80 -1.86	32.09 1.84 -4.71	31.35 1.84 -4.01	27.06 1.60 0.00	26.69 1.39 0.00	25.71 1.06 0.00	24.91 1.07 0.00	24.85 1.05 0.00	24.93 1.07 0.00	25.11 1.10 0.00	27.34 1.50 0.00	28.16 1.72 0.00	30.00 1.74 -2.64	27.07 1.55 -0.12	26.91 1.62 0.00	25.90 1.44 0.00	24.44 1.23 0.00	24.48 1.03 0.00
UPPER RAQUET___HYD 24056	23.34 -0.53 0.00	22.68 -0.37 0.00	21.53 -0.39 0.00	21.48 -0.33 0.00	22.05 -0.36 0.00	23.51 -0.63 0.00	25.43 -1.09 -0.02	24.55 -1.05 -0.06	24.72 -0.84 -0.05	24.87 -0.58 0.00	24.92 -0.38 0.00	24.55 -0.10 0.00	23.45 -0.38 0.00	23.33 -0.48 0.00	23.35 -0.50 0.00	23.42 -0.58 0.00	24.99 -0.85 0.00	25.17 -1.27 0.00	24.24 -1.41 -0.03	24.33 -1.07 0.00	24.31 -0.99 0.00	23.65 -0.81 0.00	22.70 -0.51 0.00	23.05 -0.40 0.00
VALLEY44_115KV_TB2 355964	21.55 -2.32 0.00	20.86 -2.19 0.00	19.80 -2.13 0.00	19.73 -2.07 0.00	20.41 -1.99 0.00	22.78 -1.35 0.01	24.94 -1.27 0.29	24.13 -0.72 0.69	23.02 -0.87 1.62	22.67 -0.87 1.92	22.35 -1.09 1.86	22.35 -1.31 0.99	21.76 -1.24 0.84	21.27 -1.26 1.27	21.35 -1.36 1.14	21.55 -1.32 1.13	20.82 -1.16 3.85	23.72 -0.79 1.93	23.17 -0.74 1.70	22.68 -2.62 0.10	22.29 -2.91 0.09	21.64 -2.81 0.00	21.19 -2.02 0.00	21.51 -1.95 0.00
VALLEY___115KV_TB 1-4 80826	23.99 0.12 0.00	23.15 0.09 0.00	22.01 0.09 0.00	21.91 0.11 0.00	22.54 0.13 0.00	24.35 0.22 0.00	26.87 0.37 0.00	25.90 0.36 0.00	25.89 0.38 0.00	25.86 0.41 0.00	25.66 0.35 0.00	24.97 0.32 0.00	24.17 0.33 0.00	24.14 0.33 0.00	24.19 0.33 0.00	24.31 0.31 0.00	26.23 0.39 0.00	26.89 0.45 0.00	26.02 0.41 0.00	25.75 0.36 0.00	25.60 0.30 0.00	24.75 0.29 0.00	23.47 0.26 0.00	23.66 0.21 0.00



VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.52 1.65 0.00	24.58 1.52 0.00	23.30 1.38 0.00	23.20 1.40 0.00	23.89 1.48 0.00	25.95 1.81 0.00	29.85 2.36 -1.00	30.34 2.37 -2.43	30.45 2.24 -2.69	28.86 2.24 -1.16	28.42 2.00 -1.12	26.93 1.68 -0.60	25.89 1.55 -0.50	26.12 1.55 -0.77	26.07 1.53 -0.69	26.24 1.56 -0.68	30.17 1.94 -2.40	29.96 2.33 -1.20	30.03 2.23 -2.19	27.66 2.03 -0.23	27.30 1.87 -0.14	26.20 1.74 -0.01	24.77 1.56 0.00	24.91 1.45 0.00
VISCHER___FERRY HYD 24020	24.90 1.03 0.00	24.02 0.97 0.00	22.84 0.92 0.00	22.70 0.89 0.00	23.35 0.94 0.00	25.27 1.13 0.00	29.81 1.48 -1.83	31.56 1.40 -4.62	30.87 1.43 -3.93	26.81 1.35 0.00	26.49 1.19 0.00	25.56 0.91 0.00	24.76 0.93 0.00	24.71 0.90 0.00	24.83 0.98 0.00	24.99 0.98 0.00	27.08 1.24 0.00	27.89 1.45 0.00	29.66 1.46 -2.59	26.86 1.35 -0.12	26.63 1.34 0.00	25.63 1.17 0.00	24.21 1.00 0.00	24.29 0.84 0.00
V_A_10_SYNC_DSASP 323832	21.41 -2.46 0.00	20.84 -2.21 0.00	19.84 -2.08 0.00	19.71 -2.09 0.00	20.37 -2.04 0.00	21.90 -2.24 0.00	23.96 -2.12 0.41	22.60 -1.94 0.99	21.34 -2.07 2.11	21.03 -2.09 2.34	20.73 -2.30 2.27	21.08 -2.37 1.21	20.43 -2.38 1.02	19.83 -2.43 1.55	19.91 -2.55 1.39	20.02 -2.62 1.37	18.60 -2.38 4.86	22.16 -1.85 2.43	21.52 -1.84 2.25	22.77 -2.21 0.42	22.59 -2.38 0.33	21.92 -2.52 0.01	20.73 -2.48 0.00	21.27 -2.18 0.00
V_CMM_10_SYNC_DSASP 323787	23.75 -0.12 0.00	22.98 -0.07 0.00	21.86 -0.07 0.00	21.76 -0.04 0.00	22.34 -0.07 0.00	23.90 -0.24 0.00	25.84 -0.66 0.00	24.80 -0.74 0.00	24.80 -0.71 0.00	24.85 -0.61 0.00	24.90 -0.41 0.00	24.58 -0.07 0.00	23.71 -0.12 0.00	23.69 -0.12 0.00	23.73 -0.12 0.00	23.83 -0.17 0.00	25.40 -0.44 0.00	25.65 -0.79 0.00	24.74 -0.87 0.00	24.81 -0.58 0.00	24.81 -0.48 0.00	24.16 -0.29 0.00	23.00 -0.21 0.00	23.29 -0.16 0.00
V_CMP_10_SYNC_DSASP 323788	24.25 0.38 0.00	23.40 0.35 0.00	22.25 0.33 0.00	22.22 0.41 0.00	22.77 0.36 0.00	24.35 0.22 0.00	25.97 -0.53 0.00	24.98 -0.56 0.00	24.87 -0.64 0.00	24.97 -0.48 0.00	25.15 -0.15 0.00	24.95 0.30 0.00	24.00 0.17 0.00	24.09 0.29 0.00	24.07 0.21 0.00	24.07 0.07 0.00	25.66 -0.18 0.00	25.86 -0.58 0.00	24.64 -0.97 0.00	24.76 -0.63 0.00	24.61 -0.68 0.00	23.82 -0.64 0.00	22.56 -0.65 0.00	23.15 -0.31 0.00
V_D_10_SYNC_DSASP 323841	23.82 -0.05 0.00	23.12 0.07 0.00	21.97 0.04 0.00	21.89 0.09 0.00	22.48 0.07 0.00	23.97 -0.17 0.00	25.91 -0.58 0.00	24.90 -0.64 0.00	24.90 -0.61 0.00	24.97 -0.48 0.00	25.05 -0.25 0.00	24.70 0.05 0.00	23.81 -0.02 0.00	23.78 -0.02 0.00	23.81 -0.05 0.00	23.91 -0.10 0.00	25.48 -0.36 0.00	25.73 -0.71 0.00	24.79 -0.82 0.00	24.86 -0.53 0.00	24.86 -0.43 0.00	24.21 -0.24 0.00	23.14 -0.07 0.00	23.43 -0.02 0.00
V_E_10_SYNC_DSASP 323830	25.80 1.93 0.00	24.80 1.75 0.00	23.39 1.47 0.00	23.33 1.53 0.00	24.09 1.68 0.00	26.28 2.15 0.00	30.55 2.84 -1.21	31.30 2.88 -2.87	31.84 2.55 -3.78	30.63 2.70 -2.47	30.02 2.33 -2.39	27.83 1.90 -1.28	26.55 1.64 -1.08	27.16 1.72 -1.64	27.04 1.72 -1.47	27.27 1.82 -1.45	33.41 2.43 -5.15	32.13 3.12 -2.57	31.94 2.92 -3.40	28.29 2.46 -0.43	27.94 2.35 -0.30	26.60 2.13 -0.01	24.95 1.74 0.00	25.23 1.78 0.00
V_F_30_NSYNC___DSASP 323816	25.09 1.22 0.00	24.18 1.13 0.00	23.00 1.07 0.00	22.85 1.05 0.00	23.51 1.10 0.00	25.46 1.33 0.00	30.10 1.75 -1.86	31.97 1.74 -4.70	31.26 1.76 -4.00	27.04 1.58 0.00	26.69 1.39 0.00	25.76 1.11 0.00	24.95 1.12 0.00	24.90 1.10 0.00	24.97 1.12 0.00	25.15 1.15 0.00	27.34 1.50 0.00	28.13 1.69 0.00	29.96 1.72 -2.63	27.07 1.55 -0.12	26.89 1.59 0.00	25.87 1.42 0.00	24.44 1.23 0.00	24.53 1.08 0.00
V_F_30_SYNC_DSASP 323786	24.85 0.98 0.00	23.95 0.90 0.00	22.82 0.90 0.00	22.67 0.87 0.00	23.33 0.92 0.00	25.20 1.06 0.00	29.75 1.43 -1.82	31.19 1.05 -4.60	30.44 1.02 -3.91	26.45 0.99 0.00	26.14 0.84 0.00	25.27 0.62 0.00	24.48 0.64 0.00	24.45 0.64 0.00	24.55 0.69 0.00	24.70 0.70 0.00	26.72 0.88 0.00	27.47 1.03 0.00	29.22 1.02 -2.58	26.53 1.02 -0.12	26.23 0.94 0.00	25.34 0.88 0.00	24.09 0.88 0.00	24.30 0.84 0.00
V_XM_10_SYNC_DSASP 323789	24.25 0.38 0.00	23.40 0.35 0.00	22.25 0.33 0.00	22.22 0.41 0.00	22.77 0.36 0.00	24.35 0.22 0.00	25.97 -0.53 0.00	24.98 -0.56 0.00	24.87 -0.64 0.00	24.97 -0.48 0.00	25.15 -0.15 0.00	24.95 0.30 0.00	24.00 0.17 0.00	24.09 0.29 0.00	24.07 0.21 0.00	24.07 0.07 0.00	25.66 -0.18 0.00	25.86 -0.58 0.00	24.64 -0.97 0.00	24.76 -0.63 0.00	24.61 -0.68 0.00	23.82 -0.64 0.00	22.56 -0.65 0.00	23.15 -0.31 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.21 1.34 0.00	24.25 1.20 0.00	23.11 1.18 0.00	22.94 1.13 0.00	23.60 1.19 0.00	25.56 1.42 0.00	29.84 1.93 -1.41	31.21 2.09 -3.58	30.64 2.09 -3.04	27.49 2.04 0.00	27.15 1.85 0.00	26.15 1.50 0.00	25.26 1.43 0.00	25.26 1.45 0.00	25.26 1.41 0.00	25.49 1.49 0.00	27.72 1.89 0.00	28.61 2.17 0.00	29.82 2.20 -2.00	27.54 2.06 -0.09	27.04 1.75 0.00	26.00 1.54 0.00	24.60 1.39 0.00	24.65 1.20 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.35 1.48 0.00	24.37 1.31 0.00	23.24 1.32 0.00	23.05 1.24 0.00	23.71 1.30 0.00	25.68 1.54 0.00	30.08 2.12 -1.46	31.59 2.35 -3.70	31.01 2.35 -3.15	28.95 2.34 -1.15	27.84 2.15 -0.38	26.53 1.80 -0.08	25.50 1.67 0.00	25.52 1.71 0.00	25.55 1.69 0.00	25.75 1.75 0.00	28.03 2.20 0.00	28.90 2.46 0.00	30.17 2.48 -2.07	27.78 2.29 -0.09	27.29 2.00 0.00	26.22 1.76 0.00	24.84 1.62 0.00	24.81 1.36 0.00
W50THST__13_KV_LOAD 356117	25.42 1.55 0.00	24.46 1.41 0.00	23.30 1.38 0.00	23.13 1.33 0.00	23.77 1.37 0.00	25.78 1.64 0.00	30.19 2.23 -1.46	31.72 2.48 -3.70	31.13 2.47 -3.15	29.13 2.52 -1.15	27.99 2.30 -0.38	26.63 1.90 -0.08	25.62 1.79 0.00	25.62 1.81 0.00	25.64 1.79 0.00	25.87 1.87 0.00	28.16 2.33 0.00	29.03 2.59 0.00	30.30 2.61 -2.07	27.90 2.41 -0.09	27.39 2.10 0.00	26.31 1.86 0.00	24.93 1.72 0.00	24.91 1.45 0.00
WADING RIVER_IC_1 23522	31.74 2.41 -5.46	26.19 2.26 -0.88	24.09 2.17 0.00	23.90 2.09 0.00	24.58 2.17 0.00	31.87 2.58 -5.15	39.82 3.26 -10.07	37.62 3.45 -8.63	39.36 3.44 -10.41	33.51 3.33 -4.72	28.44 3.14 0.00	27.17 2.52 0.00	26.26 2.43 0.00	26.33 2.52 0.00	27.38 2.53 -1.00	29.91 2.52 -3.39	32.70 3.10 -3.76	38.65 3.52 -8.69	38.11 3.54 -8.96	34.21 3.25 -5.56	33.28 3.08 -4.90	32.13 2.76 -4.92	28.71 2.41 -3.08	27.39 2.11 -1.82
WADING RIVER_IC_2 23547	31.74 2.41 -5.46	26.19 2.26 -0.88	24.09 2.17 0.00	23.90 2.09 0.00	24.58 2.17 0.00	31.87 2.58 -5.15	39.82 3.26 -10.07	37.62 3.45 -8.63	39.36 3.44 -10.41	33.51 3.33 -4.72	28.44 3.14 0.00	27.17 2.52 0.00	26.26 2.43 0.00	26.33 2.52 0.00	27.38 2.53 -1.00	29.91 2.52 -3.39	32.70 3.10 -3.76	38.65 3.52 -8.69	38.11 3.54 -8.96	34.21 3.25 -5.56	33.28 3.08 -4.90	32.13 2.76 -4.92	28.71 2.41 -3.08	27.39 2.11 -1.82



WADING RIVER_IC_3 23601	31.74 2.41 -5.46	26.19 2.26 -0.88	24.09 2.17 0.00	23.90 2.09 0.00	24.58 2.17 0.00	31.87 2.58 -5.15	39.82 3.26 -10.07	37.62 3.45 -8.63	39.36 3.44 -10.41	33.51 3.33 -4.72	28.44 3.14 0.00	27.17 2.52 0.00	26.26 2.43 0.00	26.33 2.52 0.00	27.38 2.53 -1.00	29.91 2.52 -3.39	32.70 3.10 -3.76	38.65 3.52 -8.69	38.11 3.54 -8.96	34.21 3.25 -5.56	33.28 3.08 -4.90	32.13 2.76 -4.92	28.71 2.41 -3.08	27.39 2.11 -1.82
WALDENNY_I2_KV_BK2 80841	21.39 -2.48 0.00	20.70 -2.35 0.00	19.64 -2.28 0.00	19.58 -2.22 0.00	20.21 -2.20 0.00	22.32 -1.81 0.01	24.03 -1.75 0.72	22.52 -1.33 1.69	20.87 -1.45 3.19	20.74 -1.45 3.26	20.42 -1.72 3.16	21.12 -1.85 1.69	20.58 -1.84 1.42	19.76 -1.88 2.16	19.93 -1.98 1.94	20.07 -2.02 1.91	17.48 -1.76 6.60	21.87 -1.27 3.30	20.95 -1.46 3.21	22.63 -2.49 0.28	22.32 -2.76 0.22	21.61 -2.84 0.01	20.87 -2.34 0.00	21.25 -2.20 0.00
WALDEN___HYDRO 24148	25.16 1.29 0.00	24.25 1.20 0.00	23.06 1.14 0.00	22.91 1.11 0.00	23.57 1.17 0.00	25.54 1.40 0.00	29.78 1.85 -1.43	31.12 1.97 -3.62	30.55 1.96 -3.08	27.29 1.83 0.00	26.97 1.67 0.00	25.96 1.31 0.00	25.10 1.26 0.00	25.07 1.26 0.00	25.12 1.26 0.00	25.34 1.34 0.00	27.62 1.78 0.00	28.47 2.04 0.00	29.69 2.05 -2.03	27.42 1.93 -0.09	26.96 1.67 0.00	25.95 1.49 0.00	24.53 1.32 0.00	24.60 1.15 0.00
WARRENSBURG____ 23737	25.02 1.15 0.00	24.14 1.08 0.00	22.93 1.01 0.00	22.78 0.98 0.00	23.46 1.05 0.00	25.44 1.30 0.00	30.16 1.80 -1.86	32.09 1.84 -4.71	31.35 1.84 -4.01	27.06 1.60 0.00	26.69 1.39 0.00	25.71 1.06 0.00	24.91 1.07 0.00	24.85 1.05 0.00	24.93 1.07 0.00	25.11 1.10 0.00	27.34 1.50 0.00	28.16 1.72 0.00	30.00 1.74 -2.64	27.07 1.55 -0.12	26.91 1.62 0.00	25.90 1.44 0.00	24.44 1.23 0.00	24.48 1.03 0.00
WATERSIDE___6 8 9 23538	25.42 1.55 0.00	24.46 1.41 0.00	23.30 1.38 0.00	23.11 1.31 0.00	23.77 1.37 0.00	25.73 1.59 0.00	30.05 2.09 -1.46	31.56 2.32 -3.70	31.01 2.35 -3.15	28.94 2.32 -1.17	27.87 2.18 -0.39	26.54 1.80 -0.08	25.52 1.69 0.00	25.52 1.71 0.00	25.55 1.69 0.00	25.78 1.78 0.00	28.09 2.25 0.00	28.95 2.51 0.00	30.20 2.51 -2.07	27.83 2.34 -0.09	27.32 2.02 0.00	26.24 1.79 0.00	24.91 1.69 0.00	24.91 1.45 0.00
WATKINRD_115KV_LN8_IL 55919	24.08 0.21 0.00	23.24 0.18 0.00	22.10 0.18 0.00	21.98 0.17 0.00	22.61 0.20 0.00	24.40 0.27 0.00	26.92 0.42 0.00	25.95 0.41 0.00	25.92 0.41 0.00	25.86 0.41 0.00	25.61 0.30 0.00	24.95 0.30 0.00	24.12 0.29 0.00	24.12 0.31 0.00	24.14 0.29 0.00	24.29 0.29 0.00	26.23 0.39 0.00	26.92 0.48 0.00	26.05 0.44 0.00	25.78 0.38 0.00	25.62 0.33 0.00	24.77 0.32 0.00	23.49 0.28 0.00	23.69 0.23 0.00
WATSON___69_KV_BK 1 55734	31.74 2.41 -5.46	26.19 2.26 -0.88	24.09 2.17 0.00	23.87 2.07 0.00	24.58 2.17 0.00	31.84 2.56 -5.15	39.88 3.31 -10.07	37.64 3.47 -8.63	39.41 3.49 -10.41	33.54 3.36 -4.72	28.44 3.14 0.00	27.21 2.56 0.00	26.26 2.43 0.00	26.40 2.59 0.00	27.43 2.58 -1.00	30.03 2.64 -3.39	32.83 3.23 -3.76	38.83 3.70 -8.69	38.24 3.66 -8.96	34.34 3.38 -5.56	33.26 3.06 -4.90	32.13 2.76 -4.92	28.78 2.48 -3.08	27.55 2.27 -1.82
WDELAWARE___HYD 323627	24.90 1.03 0.00	23.93 0.88 0.00	22.75 0.83 0.00	22.61 0.81 0.00	23.26 0.85 0.00	25.25 1.11 0.00	29.33 1.51 -1.33	30.55 1.66 -3.36	30.00 1.63 -2.86	26.91 1.45 0.00	26.57 1.26 0.00	25.54 0.89 0.00	24.67 0.83 0.00	24.66 0.86 0.00	24.67 0.81 0.00	24.94 0.94 0.00	27.23 1.39 0.00	28.08 1.64 0.00	29.19 1.69 -1.88	27.06 1.58 -0.08	26.63 1.34 0.00	25.58 1.13 0.00	24.16 0.95 0.00	24.25 0.80 0.00
WEST BABYLON___IC 23714	31.60 2.27 -5.46	26.03 2.10 -0.88	23.96 2.04 0.00	23.74 1.94 0.00	24.42 2.02 0.00	31.67 2.39 -5.15	39.67 3.10 -10.07	37.44 3.27 -8.63	39.21 3.29 -10.41	33.36 3.18 -4.72	28.26 2.96 0.00	27.07 2.42 0.00	26.12 2.29 0.00	26.23 2.43 0.00	27.29 2.43 -1.00	29.89 2.50 -3.39	32.65 3.05 -3.76	38.59 3.46 -8.69	38.01 3.43 -8.96	34.16 3.20 -5.56	33.08 2.88 -4.90	31.96 2.59 -4.91	28.64 2.34 -3.08	27.41 2.13 -1.82
WEST CANADA___HYD 24049	24.04 0.17 0.00	23.19 0.14 0.00	22.05 0.13 0.00	21.93 0.13 0.00	22.54 0.14 0.00	24.33 0.19 0.00	26.79 0.29 0.00	25.85 0.31 0.00	25.82 0.31 0.00	25.74 0.28 0.00	25.53 0.23 0.00	24.80 0.15 0.00	24.00 0.17 0.00	23.97 0.17 0.00	24.02 0.17 0.00	24.17 0.17 0.00	26.10 0.26 0.00	26.76 0.32 0.00	25.95 0.33 0.00	25.68 0.28 0.00	25.55 0.25 0.00	24.65 0.19 0.00	23.38 0.16 0.00	23.59 0.14 0.00
WESTERN_NY_WIND 24143	21.58 -2.29 0.00	20.91 -2.14 0.00	19.82 -2.10 0.00	19.71 -2.09 0.00	20.37 -2.04 0.00	22.27 -1.86 0.00	23.92 -1.72 0.86	22.06 -1.43 2.04	20.19 -1.56 3.77	20.06 -1.63 3.77	19.78 -1.87 3.65	20.63 -2.07 1.95	20.14 -2.05 1.64	19.17 -2.14 2.50	19.39 -2.22 2.24	19.59 -2.21 2.21	16.23 -1.96 7.65	21.19 -1.43 3.82	20.48 -1.36 3.77	22.94 -2.03 0.43	22.71 -2.25 0.33	22.02 -2.42 0.01	21.05 -2.16 0.00	21.46 -1.99 0.00
WESTOVER___LESR 323668	23.70 -0.17 0.00	22.87 -0.18 0.00	21.72 -0.20 0.00	21.61 -0.20 0.00	22.27 -0.13 0.00	24.21 0.07 0.00	27.94 0.32 -1.13	28.66 0.46 -2.66	29.25 0.36 -3.38	27.87 0.33 -2.08	27.49 0.18 -2.01	25.70 -0.02 -1.07	24.71 -0.02 -0.90	25.13 -0.05 -1.38	24.99 -0.10 -1.23	25.17 -0.05 -1.22	30.27 0.13 -4.30	29.04 0.45 -2.15	29.02 0.44 -2.97	25.79 0.03 -0.37	25.40 -0.15 -0.26	24.25 -0.22 -0.01	23.07 -0.14 0.00	23.31 -0.14 0.00
WETHRSFD_WT_PWR 323626	20.77 -3.10 0.00	20.29 -2.77 0.00	19.31 -2.61 0.00	19.25 -2.55 0.00	19.92 -2.49 0.00	21.60 -2.53 0.01	23.21 -2.49 0.79	21.58 -2.09 1.86	19.82 -2.22 3.47	19.77 -2.19 3.50	19.46 -2.45 3.39	20.28 -2.56 1.81	19.76 -2.55 1.52	18.89 -2.59 2.32	19.08 -2.70 2.08	19.26 -2.69 2.05	16.22 -2.43 7.19	20.86 -1.98 3.59	20.08 -2.00 3.54	22.03 -3.05 0.31	21.76 -3.29 0.25	21.12 -3.33 0.01	20.22 -2.99 0.00	20.78 -2.67 0.00
WHAVSTOR_138KV_BK127 55557	25.11 1.24 0.00	24.18 1.13 0.00	23.02 1.10 0.00	22.87 1.07 0.00	23.51 1.10 0.00	25.49 1.35 0.00	29.74 1.83 -1.41	31.11 1.99 -3.58	30.55 1.99 -3.05	27.39 1.93 0.00	27.07 1.77 0.00	26.08 1.43 0.00	25.19 1.36 0.00	25.19 1.38 0.00	25.21 1.36 0.00	25.42 1.42 0.00	27.65 1.81 0.00	28.53 2.09 0.00	29.72 2.10 -2.00	27.44 1.96 -0.09	26.96 1.67 0.00	25.92 1.47 0.00	24.53 1.32 0.00	24.58 1.13 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.11 1.24 0.00	24.18 1.13 0.00	23.02 1.10 0.00	22.87 1.07 0.00	23.51 1.10 0.00	25.49 1.35 0.00	29.74 1.83 -1.41	31.11 1.99 -3.58	30.55 1.99 -3.05	27.39 1.93 0.00	27.07 1.77 0.00	26.08 1.43 0.00	25.19 1.36 0.00	25.19 1.38 0.00	25.21 1.36 0.00	25.42 1.42 0.00	27.65 1.81 0.00	28.53 2.09 0.00	29.72 2.10 -2.00	27.44 1.96 -0.09	26.96 1.67 0.00	25.92 1.47 0.00	24.53 1.32 0.00	24.58 1.13 0.00



WHITEHAL_115KV_TB1 80871	25.35 1.48 0.00	24.44 1.38 0.00	23.19 1.27 0.00	23.07 1.26 0.00	23.75 1.34 0.00	25.78 1.64 0.00	30.66 2.31 -1.86	32.59 2.35 -4.70	31.86 2.35 -4.00	27.49 2.04 0.00	27.07 1.77 0.00	26.06 1.41 0.00	25.26 1.43 0.00	25.16 1.36 0.00	25.24 1.38 0.00	25.42 1.42 0.00	27.78 1.94 0.00	28.61 2.17 0.00	30.45 2.20 -2.63	27.47 1.96 -0.12	27.32 2.02 0.00	26.31 1.86 0.00	24.81 1.60 0.00	24.84 1.38 0.00
WHITEPLN_13_KV_LOAD 356215	25.42 1.55 0.00	24.46 1.41 0.00	23.30 1.38 0.00	23.13 1.33 0.00	23.77 1.37 0.00	25.80 1.67 0.00	30.18 2.23 -1.46	31.68 2.45 -3.69	31.12 2.47 -3.14	27.83 2.37 0.00	27.50 2.20 0.00	26.48 1.82 0.00	25.57 1.74 0.00	25.57 1.76 0.00	25.59 1.74 0.00	25.80 1.80 0.00	28.11 2.27 0.00	28.95 2.51 0.00	30.19 2.51 -2.07	27.88 2.39 -0.09	27.39 2.10 0.00	26.31 1.86 0.00	24.88 1.67 0.00	24.93 1.48 0.00
WM_FLOYD_69_KV_BK2 356380	31.67 2.34 -5.46	26.14 2.21 -0.88	24.05 2.13 0.00	23.83 2.03 0.00	24.51 2.11 0.00	31.79 2.51 -5.15	39.80 3.23 -10.07	37.59 3.42 -8.63	39.34 3.42 -10.41	33.48 3.31 -4.72	28.36 3.06 0.00	27.14 2.49 0.00	26.19 2.36 0.00	26.31 2.50 0.00	27.36 2.50 -1.00	29.91 2.52 -3.39	32.70 3.10 -3.76	38.73 3.60 -8.69	38.11 3.53 -8.96	34.21 3.25 -5.56	33.18 2.98 -4.90	32.09 2.71 -4.92	28.68 2.39 -3.08	27.41 2.13 -1.82
WOODARD__115KV_TB2 355635	23.13 -0.74 0.00	22.36 -0.69 0.00	21.24 -0.68 0.00	21.13 -0.68 0.00	21.74 -0.67 0.00	23.53 -0.60 0.00	26.48 -0.50 -0.48	26.32 -0.46 -1.24	26.73 -0.51 -1.73	26.17 -0.53 -1.25	25.86 -0.66 -1.21	24.53 -0.76 -0.65	23.64 -0.74 -0.54	23.87 -0.76 -0.83	23.81 -0.79 -0.74	23.96 -0.77 -0.73	27.73 -0.67 -2.56	27.27 -0.45 -1.28	26.76 -0.44 -1.58	24.99 -0.61 -0.20	24.73 -0.71 -0.14	23.70 -0.76 -0.01	22.54 -0.67 0.00	22.87 -0.59 0.00
YORK__WARBASSE 23770	25.56 1.69 0.00	24.60 1.54 0.00	23.41 1.49 0.00	23.22 1.42 0.00	23.89 1.48 0.00	25.83 1.69 0.00	30.16 2.20 -1.46	31.67 2.43 -3.70	31.11 2.45 -3.15	29.04 2.42 -1.17	27.97 2.28 -0.39	26.63 1.90 -0.08	25.62 1.79 0.00	25.59 1.79 0.00	25.62 1.77 0.00	25.87 1.87 0.00	28.22 2.38 0.00	29.11 2.67 0.00	30.35 2.66 -2.07	27.95 2.46 -0.09	27.42 2.12 0.00	26.36 1.91 0.00	25.02 1.81 0.00	25.02 1.57 0.00